

Uniformed Services University of the Health Sciences



“Learning to Care for Those in Harm’s Way”

Board of Regents Quarterly Meeting

February 4, 2020

**BOARD OF REGENTS
UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
209th MEETING**

**February 4, 2020 | 8:00 a.m.
Alvarez Board of Regents Room (D-3001) | Bethesda, MD**

MEETING AGENDA

OPEN MEETING

8:00 a.m.:	Meeting Call to Order Designated Federal Officer	Ms. Sarah Marshall
8:00 - 8:05 a.m.:	Opening Comments Chair, Board of Regents, Uniformed Services University of the Health Sciences (USU)	Dr. Jonathan Woodson
8:05 - 8:10 a.m.:	Matters of General Consent Declaration of Board Actions	Dr. Woodson
8:10 - 8:20 a.m.:	Board Actions Degree Conferrals, Hébert School of Medicine (SOM) Dean Degree Conferrals, Inouye Graduate School of Nursing (GSN) Dean Faculty Appointments and Promotions, SOM Dean Faculty Appointments and Promotions, GSN Dean Faculty/Student Awards, GSN Dean Faculty/Student Awards, PDC Executive Dean	Dr. Arthur Kellermann Dr. Carol Romano Dr. Kellermann Dr. Romano Dr. Romano Dr. Schneid
8:20 - 8:45 a.m.:	Office of the USU President Report President, USU	Dr. Richard Thomas
8:45 – 9:00 a.m.:	Office of the Assistant Secretary of Defense (Health Affairs) Report ASD(HA)	HON Thomas McCaffery
9:00 - 9:50 a.m.:	Member Reports Academics Summary <i>Dr. Johns will provide the Board with a summary of reports from the School of Medicine, Graduate School of Nursing, Postgraduate Dental College, and College of Allied Health Sciences.</i> Finance and Administration Summary <i>Dr. Rouse will provide the Board with a summary of reports from the Senior Vice President Southern Region, Senior Vice President Western Region, Armed Forces Radiobiology Research Institute, and Vice President for Research.</i>	Regent Michael Johns Regent Leo Rouse

9:50 – 10:10 a.m.: --BREAK--

10:10 - 10:25 a.m.: Office of Accreditation and Organizational Assessment
Assistant Vice President Mr. Steve Henske

10:25 - 10:40 a.m.: Office of the University Registrar
Assistant Vice President Dr. Wendy Lishen

10:40 - 11:00 a.m.: Office of the Vice President Finance and Administration
Assistant Vice President Ms. Antoinette Whitmeyer

11:00 - 11:05 a.m.: Closing Comments
Board Chair Dr. Woodson

11:05 - 11:20 a.m.: --BREAK--

CLOSED MEETING

11:20 a.m. - 12:00 p.m.:

Active Investigations. A report on active investigations at the University will be provided to the Board. The report will contain sensitive personnel information, may involve accusing a person of a crime or censuring an individual, and may disclose investigatory records.

Personnel Actions. A report on significant personnel actions will be provided to the Board and will contain sensitive personnel information and material that relates solely to the internal personnel rules and practices of the University.

BOARD OF REGENTS
UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
209th MEETING

February 4, 2020 | Bethesda, Maryland

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TAB 1
Charter

Charter
Board of Regents, Uniformed Services University of the Health Sciences

1. Committee's Official Designation: The Committee will be known as the Board of Regents, Uniformed Services University of the Health Sciences ("the Board").
2. Authority: The Secretary of Defense, pursuant to 10 U.S.C. § 2113a and in accordance with the Federal Advisory Committee Act (FACA) (5 U.S.C., Appendix) and 41 C.F.R. § 102-3.50(a), established this non-discretionary Board.
3. Objectives and Scope of Activities: The Board shall assist the Secretary of Defense in an advisory capacity in carrying out the Secretary's responsibility to conduct the business of the Uniformed Services University of the Health Sciences ("the University").
4. Description of Duties: The Board shall provide advice and recommendations on academic and administrative matters critical to the full accreditation and successful operation of the University.
5. Agency or Official to Whom the Committee Reports: The Board reports to the Secretary of Defense and the Deputy Secretary of Defense, through the Under Secretary of Defense for Personnel and Readiness (USD(P&R)), who may act upon the Board's advice and recommendations.
6. Support: The Department of Defense (DoD), through the Office of the USD(P&R), provides the necessary support for the Board and ensures compliance with the requirements of the FACA, the Government in the Sunshine Act of 1976 (5 U.S.C. § 552b) ("the Sunshine Act"), governing Federal statutes and regulations, and established DoD policies and procedures.
7. Estimated Annual Operating Costs and Staff Years: The estimated annual operating cost, to include travel, meetings, and contract support, is approximately \$252,279.00. The estimated annual personnel cost to the DoD is 1.3 full-time equivalents.
8. Designated Federal Officer: The Board's Designated Federal Officer (DFO), pursuant to DoD policy, shall be a full-time or permanent part-time DoD officer or employee designated in accordance with DoD policies and procedures.

The Board's DFO is required to be in attendance at all Board and subcommittee meetings for the entire duration of each and every meeting. However, in the absence of the Board's DFO, a properly approved Alternate DFO, duly designated to the Board in accordance with DoD policies and procedures, shall attend the entire duration of all Board or subcommittee meetings.

The DFO, or the Alternate DFO, calls all Board meetings; prepares and approves all meeting agendas; and adjourns any meeting when the DFO, or the Alternate DFO, determines adjournment to be in the public interest or required by governing regulations or DoD policies and procedures.

9. Estimated Number and Frequency of Meetings: The Board meets at the call of the Board's DFO, in consultation with the Board's Chair. The Board shall meet at least once a quarter.
10. Duration: The need for this advisory function is on a continuing basis; however, this charter is subject to renewal every two years.

Charter
Board of Regents, Uniformed Services University of the Health Sciences

11. Termination: The Board terminates upon rescission of 10 U.S.C. § 2113a.
12. Membership and Designation: Pursuant to 10 U.S.C. § 2113a(b), the Board shall be composed of 15 members, appointed or designated as follows:
- a. nine persons outstanding in the fields of health care, higher education administration, or public policy, who shall be appointed from civilian life by the DoD Appointing Authorities;
 - b. the Secretary of Defense, or his or her designee, who shall be an *ex-officio* member;
 - c. the Surgeons General of the Uniformed Services, who shall be *ex-officio* members; and
 - d. the President of the University, who shall be a non-voting, *ex-officio* member.

As directed by 10 U.S.C. § 2113a(c), the term of office of each member of the Board (other than *ex-officio* members) shall be six years except that:

- a. any member appointed to fill a vacancy occurring before the expiration of the term for which his or her predecessor was appointed shall be appointed for the remainder of such term; and,
- b. any member whose term of office has expired shall continue to serve until his or her successor is appointed.

In accordance with 10 U.S.C. § 2113a(d), one of the members of the Board (other than an *ex-officio* member) shall be designated as Chair by the DoD Appointing Authorities and shall be the presiding officer of the Board.

Board members who are not *ex-officio* members shall be appointed by the DoD Appointing Authorities, and their appointments will be renewed on an annual basis according to DoD policies and procedures. No member, unless approved by the DoD Appointing Authorities, may serve more than two consecutive terms of service on the Board, to include its subcommittees, or serve on more than two DoD federal advisory committees at one time.

Members of the Board who are not full-time or permanent part-time Federal officers or employees will be appointed as experts or consultants, pursuant to 5 U.S.C. § 3109, to serve as special government employee (SGE) members. Board members who are full-time or permanent part-time Federal officers or employees will be appointed, pursuant to 41 C.F.R. § 102-3.130(a), to serve as regular government employee (RGE) members.

All members of the Board are appointed to provide advice on the basis of their best judgment without representing any particular point of view and in a manner that is free from conflict of interest.

Pursuant to 10 U.S.C. § 2113a(e), Board members (other than *ex-officio* members), while attending conferences or meetings or while otherwise performing their duties as members, shall be entitled to receive compensation at a rate to be fixed by the Secretary of Defense. Each member is reimbursed

Charter
Board of Regents, Uniformed Services University of the Health Sciences

for travel and per diem as it pertains to official business of the Board.

13. Subcommittees: The DoD, when necessary and consistent with the Board's mission and DoD policies and procedures, may establish subcommittees, task forces, or working groups to support the Board. Establishment of subcommittees will be based upon a written determination, to include terms of reference, by the DoD Appointing Authorities or the USD(P&R) as the Board's Sponsor. All subcommittees operate under the provisions of the FACA, the Sunshine Act, governing Federal statutes and regulations, and DoD policies and procedures.

Such subcommittees shall not work independently of the Board and shall report all their recommendations and advice solely to the Board for its thorough discussion and deliberation at a properly noticed and open meeting, subject to the Government in the Sunshine Act. Subcommittees, task forces, or working groups have no authority to make decisions and recommendations, verbally or in writing, on behalf of the Board. Neither the subcommittee nor any of its members may provide updates or reports directly to the DoD or any Federal officer or employee. If a majority of Board members are appointed to a particular subcommittee, then that subcommittee may be required to operate pursuant to the same notice and openness requirements of the FACA which govern the Board's operations.

The appointment of individuals to serve on Board subcommittees shall be approved by the DoD Appointing Authorities for a term of service of one-to-four years, with annual renewals, in accordance with DoD policy and procedures. No member shall serve more than two consecutive terms of service on the subcommittee without prior approval from the DoD Appointing Authorities. Subcommittee members, if not full-time or permanent part-time Federal officers or employees, shall be appointed as an expert or consultant pursuant to 5 U.S.C. § 3109 to serve as an SGE member. Subcommittee members who are full-time or permanent part-time Federal officers or employees shall be appointed pursuant to 41 C.F.R. § 102-3.130(a) to serve as an RGE member.

Each subcommittee member is appointment to provide advice on the basis of his or her best judgment without representing any particular point of view and in a manner that is free from conflict of interest.

All subcommittees operate under the provisions of FACA, the Sunshine Act, governing Federal statutes and regulations, and established DoD policies and procedures.

Individuals who are appointed as subcommittee leaders in accordance with DoD policy shall serve a one-to-two year term of service, with annual renewal, provided the leadership term of service does not exceed the member's approved subcommittee appointment.

14. Recordkeeping: The records of the Board and its subcommittees shall be managed in according with General Record Schedule 6.2, Federal Advisory Committee Records, or other approved agency records disposition schedule, and the appropriate DoD policies and procedures. These records will be available for public inspection and copying, subject to the Freedom of Information Act of 1966 (5 U.S.C. § 552, as amended).

15. Filing Date: May 2, 2019

TAB 2

Membership Balance Plan

Membership Balance Plan
Board of Regents, Uniformed Services University of the Health Sciences

Agency: Department of Defense (DoD)

1. Authority: The Secretary of Defense, pursuant to 10 U.S.C. § 2113a and in accordance with the Federal Advisory Committee Act (FACA) (5 U.S.C., Appendix) and 41 C.F.R. § 102-3.50(a), established the non-discretionary Board of Regents, Uniformed Services University of the Health Sciences (“the Board”).
2. Mission/Function: The Board shall assist the Secretary of Defense in an advisory capacity in carrying out the Secretary’s responsibility to conduct the business of the Uniformed Services University of the Health Sciences (“the University”). The Board shall provide advice and recommendations on academic and administrative matters critical to the full accreditation and successful operation of the University.
3. Points of View: Pursuant to 10 U.S.C. § 2113a(b), the Board shall be composed of 15 members, appointed or designated as follows:
 - a. nine persons outstanding in the fields of health care, higher education administration, or public policy, who shall be appointed from civilian life by the DoD Appointing Authorities;
 - b. the Secretary of Defense, or his or her designee, who shall be an *ex-officio* member;
 - c. the Surgeons General of the Uniformed Services, who shall be *ex-officio* members; and
 - d. the President of the University, who shall be a non-voting, *ex-officio* member.

Board members who are not *ex-officio* members shall be appointed by the DoD Appointing Authorities and their appointments will be renewed on an annual basis according to DoD policies and procedures. No member, unless approved by the DoD Appointing Authorities, may serve more than two consecutive terms of serve on the Board, to include its subcommittees, or serve on more than two DoD federal advisory committees at one time.

Members of the Board who are not full-time or permanent part-time Federal officers or employees will be appointed as experts or consultants, pursuant to 5 U.S.C. § 3109, to serve as special government employee (SGE) members. Board members who are full-time or permanent part-time Federal officers or employees will be appointed, pursuant to 41 C.F.R. § 102-3.130(a), to serve as regular government employee (RGE) members.

All members of the Board are appointed to provide advice on the basis of their best judgment without representing any particular point of view and in a manner that is free from conflict of interest.

The DoD has found that viewing the complex issues facing the Department through a multidisciplinary advisory committee provides the Department and, more importantly, the American public with a broader understanding of the issues on which to base subsequent policy decisions.

4. Other Balance Factors: NA

Membership Balance Plan
Board of Regents, Uniformed Services University of the Health Sciences

5. Candidate Identification Process: The DoD, in selecting potential candidates for the Board, reviews the educational and professional credentials of individuals with extensive professional experience in the areas of health care, higher education administration, or public policy.

The Designated Federal Officer (DFO), in consultation with the Office of the Assistant Secretary of Defense for Health Affairs (ASD(HA)), and their professional staffs, as well as through recommendations by current members of the Board. The DFO, consulting with the ASD(HA), reviews the credentials of each individual and narrows the list of potential candidates. During the review, he or she strives to achieve a balance between the educational and professional credentials of the individuals and the subject matter likely to be reviewed by the Board. The ASD(HA), based on the approval of the Secretary of Defense, is the Secretary of Defense representative to the Board.

After the list of candidates has been narrowed, it is forwarded to the USD(P&R) for further scrutiny and formal nomination to the Secretary of Defense, the Deputy Secretary of Defense, and/or the Committee Management Officer for the Department of Defense (CMO) (“DoD Appointing Authorities”). Once the USD(P&R) has narrowed the list of candidates and before formal nomination to the Appointing Authorities, the list will undergo a review by the DoD Office of the General Counsel and the Advisory Committee Management Officer (ACMO) to ensure compliance with the Board’s statute, charter, and membership balance plan. Following this review, the ACMO forwards the list of potential nominees for approval by the DoD Appointing Authorities.

The DoD Appointing Authorities shall approve the appointment of members to the Board (other than *ex-officio* members) for a six-year term of service, except those Board members appointed to fill a vacancy occurring before the expiration of the term for which the predecessor was appointed shall be appointed for the remainder of such term. Any Board member whose term of office has expired shall continue to serve until the successor is appointed. No member may serve more than two consecutive terms of service without approval from the DoD Appointing Authorities.

Following approval by the DoD Appointment Authorities, the candidates are required to complete the necessary appointment paperwork, to include meeting ethics requirements stipulated by the Office of Government Ethics for advisory committee members. All appointment paperwork must be submitted to the appropriate DoD offices and processed at the earliest opportunity in accordance with DoD policy and procedures. If the required paperwork is not processed in accordance with DoD policy and procedures, the member will not be able to participate in any Board-related work or deliberation until all of his or her appointment processing actions are completed.

Membership vacancies for the Board and any subcommittees will be filled in the same manner as described in this section.

6. Subcommittee Balance: The DoD, when necessary and consistent with the Board’s mission and DoD policies and procedures, may establish subcommittees, task forces, or working groups to support the Board.

Individuals considered for appointment to any subcommittee of the Board may come from the Board itself or from new nominees, as recommended by the USD(P&R) and based upon the subject matters

Membership Balance Plan
Board of Regents, Uniformed Services University of the Health Sciences

under consideration. Pursuant to DoD policy and procedures, the USD(P&R) shall follow the same procedures used for selecting and nominating individuals for appointment consideration by the DoD Appointing Authorities.

Subcommittee members will be appointed for a term of service of one-to-four years, subject to annual renewals; however, no member will serve more than two consecutive terms of service on the subcommittee unless previously authorized by the DoD Appointing Authorities. Subcommittee members, if not full-time or permanent part-time Federal officers or employees, shall be appointed as experts or consultants pursuant to 5 U.S.C. § 3109 to serve as SGE members. Subcommittee members, if not full-time or permanent part-time Federal officers or employees shall serve as RGE members pursuant to 41 C.F.R. § 102-3.130(a).

7. Other: As nominees are considered for appointment to the Board, the DoD adheres to the Office of Management and Budget's Revised Guidance on Appointment of Lobbyists to Federal Committees, Boards, and Commissions (79 FR 47482; August 13, 2014) and the rules and regulations issued by the Office of Government Ethics.
8. Date Prepared/Updated: May 2, 2019

TAB 3

Bylaws

**Bylaws
of the
Board of Regents
of the
Uniformed Services University of the Health Sciences**

Article I

Establishment. The Board of Regents (Board) of the Uniformed Services University of the Health Sciences (USU), is established by 10 U.S. Code § 2113a.

Description. The Board is a Federal Advisory Committee within the Department of Defense (DoD) and operates in accordance with the Federal Advisory Committee Act (FACA), DoD Instruction 5105.04, "Federal Advisory Committee Management Program," DoD Directives and Instructions specifically and generally applicable to USU, and its DoD Charter.

Article II

Purpose.

A. The purpose of the Board shall be to provide advice and guidance to the Secretary of Defense; the Under Secretary of Defense for Personnel and Readiness; the Assistant Secretary of Defense for Health Affairs; and the USU President in order to ensure that the operation of USU is effective, in compliance with all applicable accreditation standards, and in the best traditions of academia.

B. The purpose of these bylaws is to set forth the organization of the Board and to outline the procedures it uses to accomplish its responsibilities as an advisory committee.

Article III

Members. Pursuant to 10 U.S. Code § 2113a, the Board shall consist of:

A. Nine persons, outstanding in the fields of health care, higher education administration, or public policy, who shall be appointed from civilian life by the Secretary of Defense;

B. The Secretary of Defense, or the Secretary's designee, who shall be an ex officio member;

C. The Surgeons General of the Uniformed Services who shall be ex officio members; and

D. The USU President, who shall be a nonvoting ex officio member.

- E. Ex officio members of the Board, to include the designee of the Secretary of Defense, may be represented at meetings of the Board and at committee meetings by representatives, provided these representatives are Federal government employees or members of the Armed Services and provided they are appointed in advance and in writing. Representatives should be appointed with continuity in mind and should have authority to speak for the represented members.

Term of Office. The term of office for each member of the Board (other than an ex-officio member) shall be six years except that:

A. Any member of the Board appointed to fill a vacancy occurring before the expiration of the term for which a predecessor was appointed, shall be appointed for the remainder of such term.

B. Any member of the Board whose term of office has expired shall continue to serve until a successor is appointed. These appointments will be renewed annually on the anniversary of the original appointment date.

Appointment of Chair. One of the members of the Board (other than an ex officio member) shall be designated by the Secretary of Defense as Chair and shall be the presiding officer of the Board. The term of the Chair shall continue until a successor is appointed.

Selection of Vice-Chair. The Chair of the Board may select an appointed member of the Board to serve as Vice Chair.

Article IV

Duties and Responsibilities. The Board shall:

A. Advise the Secretary of Defense, through the Assistant Secretary of Defense for Health Affairs and the Under Secretary of Defense for Personnel and Readiness, regarding the appointment of the USU President and advise the USU President regarding the appointments of deans of USU schools, directors of USU institutes and similar USU administrative positions;

B. Be informed by the USU President of the appointments of vice presidents, assistant vice presidents and similar USU staff positions; or by the appropriate dean of the appointments of associate deans, assistant deans, department chairs and similar USU faculty positions;

C. Advise the USU President on the awarding of appropriate academic degrees to successful candidates after first receiving and considering the recommendations of the faculty and deans of USU schools;

D. Advise the USU President on the conferring of honors (to include Professor Emeritus, Senior Lecturer, and Distinguished Professor) and honorary degrees after first receiving and considering the recommendations of the deans of USU schools;

E. Provide its advice on policies and procedures intended to ensure that USU maintains appropriate accreditation requirements;

F. Consider recommendations made by USU Committees on Appointments, Promotion, and Tenure and provide its advice on these recommendations to the USU President;

G. Consider recommendations made to establish new academic programs at USU. (Recommendations for new programs will be read into the minutes at the Board meeting when they are first presented. Advice on whether or not to approve new programs will ordinarily be provided to the USU President at the next regularly scheduled Board meeting.); and

H. Perform other duties as deemed appropriate and within its Charter, to include (1) assessing and providing advice to the Assistant Secretary of Defense for Health Affairs, the Under Secretary of Defense for Personnel and Readiness, and the Secretary of Defense on the performance of the USU President; the performance of USU as an institution (including major academic programs and divisions); the well-being of USU faculty, students, and staff; the adequacy of USU financial resources and their management; and the adequacy of USU's physical facilities; and (2) serving as an advocate for USU and its needs.

Article V

Advisors. Advisors to the Board shall include:

- A. USU deans;
- B. Commanders of representative teaching hospitals, as selected by the Board;
- C. A legal advisor (the USU General Counsel);
- D. A military advisor to provide advice to the Board from an operational perspective; and
- E. Other individuals invited by the Board to serve in this capacity.

Article VI

Preparatory Groups.

A. Designation: The Board of Regents, as a body, shall designate either standing or ad hoc preparatory groups as necessary.

B. Purpose: Board preparatory groups shall be responsible for review and summary of assigned meeting materials which they will then present at the full Board meeting.

C. Membership: The Chair of the Board of Regents shall appoint members and designate their chairs.

D. Meetings: Each group shall meet prior to the meeting of the full Board. Meetings may be held in person or via conference call.

Subcommittees.

A. In contrast to preparatory groups, subcommittees, which make recommendations to the Board, may be established in accordance with the guidelines of the Board of Regents DoD Charter.

Article VII

Awards.

A. Board of Regents Awards: The Board may annually recognize four outstanding students if selected by the Dean, School of Medicine; the Dean, Graduate School of Nursing; the Associate Dean, Graduate Education; the Executive Dean, Postgraduate Dental College; and the Dean, College of Allied Health Sciences, in accordance with separately established criteria.

B. Carol J. Johns, M.D. Medal: The Board shall review and endorse or nonendorse the annual nominee for the Carol J. Johns, M.D. Medal recognizing an outstanding faculty member selected by the Faculty Senate in accordance with separately established criteria.

C. The Distinguished Service Award, Exceptional Service Award, and the University Medal: The Board shall review and endorse or nonendorse Distinguished Service and Exceptional Service awards and the University Medal in accordance with separately established criteria.

Article VIII

Emeritus.

This establishes the honorific title of Emeritus Member of the Board of Regents of the USU. This title signifies a previous member of the Board who served USU honorably, with consistent, active participation over many years as a Regent. Nominations for the recognition may be submitted only by a currently-serving member of the BOR and endorsement will be attained by a majority vote of the current, voting-eligible Regents. The USU president must then approve the endorsement by the Board of Regents. The title "Emeritus," once awarded, will be recognized for life and may be used by the member to designate distinguished service on the Board. The title will convey no special privileges. Since it is an honorary title, the emeritus member will not have voting privileges nor receive remuneration of any kind, and may continue to serve USU in accordance with 10

Article IX

General Procedures.

A. Regular Meetings: The Board shall hold at least four (4) meetings in an annual period from October 1 to September 30, or more often if the Secretary of Defense, the designee of the Secretary of Defense, or the Chair of the Board shall deem it necessary. Unless otherwise determined by the Board, meetings shall be held in the Everett Alvarez Jr. Board of Regents Conference Room (D3001) at the University, 4301 Jones Bridge Road, Bethesda, MD 20814.

B. Additional Meetings: Additional meetings shall be called by the Designated Federal Officer of the Board upon the direction of the Chair of the Board, the USU President, or upon written request of three or more members of the Board. Additional meetings of the Board shall be held at such times and places as shall be specified in the notice of the meeting.

C. Notice of Meetings:

1. Notice of all meetings of the Board shall be sent by the Designated Federal Officer to each member of the Board by mail, fax, electronic mail or telephone.

2. The Designated Federal Officer shall mail a notice not less than fifteen (15) days before any regular meeting. Faxing, emailing, or telephoning a notice shall be done not less than seven (7) days before a regular meeting.

3. The recital by the Board Executive Secretary in the minutes that notice was given shall be sufficient evidence of the fact.

4. Public announcement of the meetings of the Board shall appear in the Federal Register as provided in the Government in the Sunshine Act. (5 U.S.C. 552b(e)(3))

D. Closure of Meetings: Meetings of the Board shall be open to the public unless a written determination is made to close all or part of a meeting in coordination with General Counsel. The determination shall cite those provisions of 5 U.S.C. 552b(c) that justify closure and a summary of meeting activities shall be prepared and maintained as part of nonpublic Board of Regents files.

E. Quorum: The presence of a majority of all members of the Board will constitute a quorum of the Board. When there are no vacancies on the Board, a quorum means at least eight (8) members must be present in person or via electronic means. An ex officio member's duly designated representative counts for purposes of a quorum.

F. Voting:

1. During a meeting, if a quorum is called for by a member and found not to be present, no further business may be transacted.

2. During a meeting, issues will be determined by voice balloting, unless an individual member of the Board requests a written ballot.

3. The Chair, Board of Regents, is a member of the voting assembly and has the same right to vote as any other member.

4. Unless otherwise specified, a simple majority vote will determine matters of issue before the Board. In the event of a tie vote, the proposed resolution is lost.

5. At the direction of the Chair, Board of Regents, action may also be taken by a majority of the members by notation voting (that is to say by voting on material circulated to the members individually or serially, or by polling members individually or collectively by mail, telephone, fax, e-mail or a similar procedure). Such action will be reported by the Executive Secretary at the next meeting of the Board.

6. The Secretary of Defense, or the Secretary's designee, or a duly appointed representative of the Secretary's designee is authorized to vote.

7. The Surgeons General of the Uniformed Services, or their duly appointed representatives, are authorized to vote.

8. The USU President is precluded by statute from voting.

9. Except for the USU President, individual ex officio members of the Board, to include the designee of the Secretary of Defense, may give proxies to their representatives or to other members of the Board of Regents (allowing them to be counted for quorum purposes and to vote) provided this is done in advance and in writing.

G. Order of Business: The order of business will be at the discretion of the Chair, Board of Regents, unless otherwise specified by the Board.

H. Rules of Order: The rules contained in the current edition of *Robert's Rules of Order Newly Revised* shall govern the Board in all cases in which they are applicable and in which they are not inconsistent with applicable statutes and directives, these bylaws, and any special rules the Board may adopt.

Article X

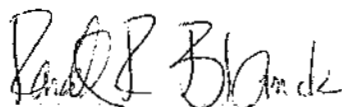
Amendment and Effective Date.

A. Amendment: These bylaws may be amended at any meeting of the Board as long as each proposed amendment has been provided to the members at least 60 days

before the next scheduled meeting. Amendments will take effect by the affirmative vote of two- thirds (2/3) of the members present.

B. Review: These bylaws shall be reviewed at least every two (2) years.

C. Effective Date: These bylaws are effective August 1, 2017, and supersede previously published bylaws dated May 20, 2016.

A handwritten signature in dark ink, appearing to read "Ronald R. Blanck". The signature is stylized with large, bold letters and a prominent "R".

Ronald R. Blanck, D.O.
Chair, Board of Regents

TAB 4

Current Membership

BOARD OF REGENTS

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

CURRENT MEMBERSHIP

<u>NAME</u>	<u>TITLE</u>	<u>TERM EXP</u>
Ronald R. Blanck, D.O.	Member, Board of Regents	June 20, 2019 ^c
Honorable Sheila P. Burke, R.N., M.P.A.	Member, Board of Regents	July 19, 2023 ^c
GEN Richard Cody, USA, Ret	Member, Board of Regents	November 4, 2025
Michael M.E. Johns, M.D.	Member, Board of Regents	June 20, 2019 ^c
Kenneth P. Moritsugu, M.D., M.P.H.	Member, Board of Regents	June 20, 2019 ^c
Leo E. Rouse, D.D.S.	Member, Board of Regents	May 13, 2021 ^b
Honorable Gail R. Wilensky, Ph.D.	Member, Board of Regents	June 20, 2019 ^a
Honorable Jonathan Woodson, M.D.	Chair, Board of Regents	June 20, 2025 ^b
Thomas P. McCaffery, M.P.P.	Secretary of Defense Designee and Assistant Secretary of Defense for Health Affairs*	Ex officio
Richard W. Thomas, M.D., D.D.S.	President, USU**	Ex officio
LTG Raymond S. Dingle, MS, USA	Surgeon General, United States Army	Ex officio
VADM Bruce Gillingham, MC, USN	Surgeon General, United States Navy	Ex officio
Lt Gen Dorothy A. Hogg, USAF, NC	Surgeon General, United States Air Force	Ex officio
VADM Jerome M. Adams, USPHS	Surgeon General of the United States	Ex officio
Gen Thomas R. Morgan, USMC (Ret)	Military Advisor to the Board	Advisor
LTG Ronald J. Place, MC, USA	Director, Defense Health Agency	Advisor
Brig Gen Paul Friedrichs, USAF, MC	Joint Staff Surgeon	Advisor
RDML James L. Hancock, MC, USN	Medical Officer of the Marine Corps	Advisor
Brig Gen Shanna Woyak, USAF, NC	Director, National Capital Region Medical Directorate	Advisor
COL Andrew Barr, MC, USA	Director, Walter Reed National Military Medical Center	Advisor
Thomas W. Travis, M.D., M.P.H.	Senior Vice President, Southern Region	Advisor
William M. Roberts, M.D., M.B.A.	Senior Vice President, Western Region	Advisor
Arthur L. Kellermann, M.D., M.P.H.	Dean, F. Edward Hébert School of Medicine	Advisor
Carol A. Romano, Ph.D., R.N.	Dean, Daniel K. Inouye Graduate School of Nursing	Advisor
Thomas R. Schneid, D.M.D., M.S.	Executive Dean, Postgraduate Dental College	Advisor
Lula W. Pelayo, Ph.D., M.S.N., R.N.	Acting Dean, College of Allied Health Sciences	Advisor
CAPT Danielle Wooten, MSC, USN	Director, Armed Forces Radiobiology Research Institute	Advisor
Mark E. Peterson, J.D.	Legal Advisor to the Board of Regents	Advisor
Jeffrey L. Longacre, M.D.	Executive Secretary	
Sarah Marshall	Designated Federal Officer	

^a – currently serving predecessor's term; ^b – currently serving first term; ^c – currently serving second term

*The Secretary of Defense or designee is by statute an ex officio member.

**The President, USU is a non-voting ex officio member as defined by statute.

TAB 5

Board Meeting Calendar

**Board of Regents
Uniformed Services University of the Health Sciences**

Board Meeting Calendar (2020-2021)

*Note: all meetings will occur at USU Bethesda Campus unless stated otherwise

Preparatory Session	Meeting of Record
Monday, February 3, 2020	Tuesday, February 4, 2020
Thursday, May 14, 2020	Friday, May 15, 2020
Monday, August 3, 2020	Tuesday, August 4, 2020
Monday, November 2, 2020	Tuesday, November 3, 2020
Monday, February 1, 2021	Tuesday, February 2, 2021
Thursday, May 14, 2021	Friday, May 15, 2021
Monday, August 2, 2021	Tuesday, August 3, 2021
Monday, November 1, 2021	Tuesday, November 2, 2021

****Saturday, May 16, 2020 – Class of 2020 Commencement****

Faculty Packet Due Dates (2020)

*Note: packets not received by due date will not be presented at Board meeting

Meeting of Record	Faculty Packets Due to CHR
February 4, 2020	December 23, 2019
May 15, 2020	April 3, 2020
August 4, 2020	June 23, 2020
November 3, 2020	September 22, 2020

TAB 6

Closed Session Determination



PERSONNEL AND
READINESS

OFFICE OF THE UNDER SECRETARY OF DEFENSE

4000 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-4000

JAN 24 2020

MEMORANDUM FOR DESIGNATED FEDERAL OFFICER, BOARD OF REGENTS UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

SUBJECT: Determination to Close a Portion of the Winter Board of Regents, Uniformed Services University of the Health Sciences Meeting on February 4, 2020

I find that the request to close a portion of the winter meeting of the Board of Regents (Board), Uniformed Services University of the Health Sciences (University), from roughly 11:15 a.m. until 12:00 p.m. on February 4, 2020, is consistent with provisions outlined in the Government in the Sunshine Act, 5 U.S.C. § 552b(c)(2, 5-7), and the Federal Advisory Committee Act, 5 U.S.C. Appendix. Therefore, I determine that the prescribed portion of the Board meeting shall be closed to the public.

The reason for my determination is that this portion of the meeting will disclose sensitive personnel information, will include matters that relate solely to the internal personnel rules and practices of the University, will involve accusing a person of a crime or censuring an individual, and may disclose investigatory records compiled for law enforcement purposes. Specifically, the portions of the meeting that will be closed are the discussions on active investigations and personnel actions.

As required by 41 C.F.R. § 102-3.155(d), you shall ensure that a copy of this determination is made available to the public upon request. In light of this determination, you shall also comply with all requirements for reporting closed meetings as specified in Department of Defense Instruction 5105.04.

A handwritten signature in black ink, appearing to read "Matthew P. Donovan", is located above the printed name.

Matthew P. Donovan

Performing the Duties of the Under Secretary of
Defense for Personnel and Readiness

TAB 7

Federal Register Notice



OVERSIGHT AND
COMPLIANCE

OFFICE OF THE CHIEF MANAGEMENT OFFICER
9010 DEFENSE PENTAGON
WASHINGTON, DC 20301-9010

January 16, 2020

MEMORANDUM FOR DESIGNATED FEDERAL OFFICER—BOARD OF REGENTS,
UNIFORMED SERVICES UNIVERSITY OF THE HEALTH
SCIENCES

SUBJECT: Federal Register Notice Waiver

Your request to waive the Federal Register 15-calendar day meeting notification required by the Government in the Sunshine Act of 1976 (5 U.S.C. § 552b) for the scheduled February 4, 2020 meeting of the Board of Regents, Uniformed Services University of the Health Sciences (“the Board”) is approved.

The following statement shall be included in the Board’s published Federal Register notice:

“Due to circumstances beyond the control of the Department of Defense, the Board of Regents, Uniformed Services University of the Health Sciences was unable to provide public notification required by 41 C.F.R. § 102-3.150(a) concerning the meeting on February 4, 2020 of the Board of Regents, Uniformed Services University of the Health Sciences. Accordingly, the Advisory Committee Management Officer for the Department of Defense, pursuant to 41 C.F.R. § 102-3.150(b), waives the 15-calendar day notification requirement.”

Please ensure that a copy of this waiver is retained in the official records of the Board. In addition, copies of the waiver shall be provided to the public if requested.

If you should have any questions please contact Len O’Reilly at 703-692-5949.

James D. Freeman II
Advisory Committee Management Officer

retain a non-exclusive, irrevocable, paid up, royalty-free license to practice or have practiced the invention worldwide on behalf of the U.S. Government;

(14) a statement that the VEP participant must complete either a Confidential or Public Financial Disclosure Report, whichever applies; a disqualification statement prohibiting the VEP participant from working on matters related to his or her former employer; and ethics training in accordance with Office of Government

Ethics regulations prior to implementation of the written agreement; and

(15) a statement that the VEP participant must receive post-government employment advice from a DoD ethics counselor at the conclusion of program participation. VEP participants are deemed Federal employees for purposes of post-government employment restrictions.

A written Memorandum of Agreement (MOA) between the STRL and the VEP

participant is required and must include all items above, regardless of format used. The use and wording of the MOA will be provided in the internal operating procedures of the STRL.

B. Evaluation

As part of an annual program evaluation, STRLs will provide specific information concerning the use of this authority to the Director, Laboratories and Personnel Office.

Appendix A

AUTHORIZED STRLS AND FEDERAL REGISTER NOTICES

STRL	Federal Register notice
Air Force Research Laboratory	61 FR 60400 amended by 75 FR 53076.
Joint Warfare Analysis Center	Not yet published.
Army Research Institute for Behavioral and Social Sciences	Not yet published.
Combat Capabilities Development Command Armaments Center	76 FR 3744.
Combat Capabilities Development Command Army Research Laboratory.	63 FR 10680.
Combat Capabilities Development Command Aviation and Missile Center.	62 FR 34906 and 62 FR 34876 amended by 65 FR 53142 (AVRDEC and AMRDEC merged together).
Combat Capabilities Development Command Chemical Biological Center.	74 FR 68936.
Command, Control, Communications, Cyber, Intelligence, Surveillance, and Reconnaissance Center.	66 FR 54872.
Combat Capabilities Development Command Ground Vehicle Systems Center.	76 FR 12508.
Combat Capabilities Development Command Soldier Center	74 FR 68448.
Engineer Research and Development Center	63 FR 14580 amended by 65 FR 32135.
Medical Research and Materiel Command	63 FR 10440.
Technical Center, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command.	Not yet published.
Naval Air Systems Command Warfare Centers	76 FR 8530.
Naval Facilities Engineering Command Engineering and Expeditionary Warfare Center.	Not yet published.
Naval Information Warfare Centers, Atlantic and Pacific	76 FR 1924.
Naval Medical Research Center	Not yet published.
Naval Research Laboratory	64 FR 33970.
Naval Sea Systems Command Warfare Centers	62 FR 64050.
Office of Naval Research	75 FR 77380.

Dated: January 28, 2020.

Aaron T. Siegel,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

[FR Doc. 2020-01854 Filed 1-30-20; 8:45 am]

BILLING CODE 5001-06-P

DEPARTMENT OF DEFENSE

Office of the Secretary

Board of Regents, Uniformed Services University of the Health Sciences; Notice of Federal Advisory Committee Meeting

AGENCY: Under Secretary of Defense for Personnel and Readiness (USD(P&R)), Department of Defense (DoD).

ACTION: Notice of Federal Advisory Committee meeting.

SUMMARY: The DoD is publishing this notice to announce that the following Federal Advisory Committee meeting of the Board of Regents (Board), Uniformed Services University of the Health Sciences (USU), will take place.

DATES: Tuesday, February 4, 2020, open to the public from 8:00 a.m. to 11:05 a.m. The closed session will follow from approximately 11:15 a.m. to 12:00 p.m.

ADDRESSES: Uniformed Services University of the Health Sciences, 4301 Jones Bridge Road, Bethesda, MD 20814.

FOR FURTHER INFORMATION CONTACT: Ms. Sarah Marshall, Designated Federal Officer (DFO), at (301) 295-3955 or sarah.marshall@usuhs.edu. Mailing address is 4301 Jones Bridge Road, Bethesda, MD 20814. Website: <https://www.usuhs.edu/vpe/bor>.

SUPPLEMENTARY INFORMATION: Due to circumstances beyond the control of the Department of Defense, the Board of

Regents, Uniformed Services University of the Health Sciences was unable to provide public notification required by 41 CFR 102-3.150(a) concerning the meeting on February 4, 2020 of the Board of Regents, Uniformed Services University of the Health Sciences. Accordingly, the Advisory Committee Management Officer for the Department of Defense, pursuant to 41 CFR 102-3.150(b), waives the 15-calendar day notification requirement.

This meeting is being held under the provisions of the Federal Advisory Committee Act (FACA) (5 U.S.C., Appendix), the Government in the Sunshine Act (5 U.S.C. 552b), and 41 CFR 102-3.140 and 102-3.150.

Purpose of the Meeting: The purpose of the meeting is to provide advice and recommendations to the Secretary of Defense, through the USD(P&R), on academic and administrative matters critical to the full accreditation and

successful operation of USU. These actions are necessary for USU to pursue its mission, which is to educate, train and comprehensively prepare uniformed services health professionals, officers, scientists, and leaders to support the Military and Public Health Systems, the National Security and National Defense Strategies of the United States, and the readiness of our Uniformed Services.

Agenda: The schedule includes recommendations for degree conferrals, faculty appointments and promotions, and faculty awards presented by the deans of USU's schools and colleges; a report by the USU President on recent actions affecting academic and operational aspects of USU; a report from the Assistant Secretary of Defense for Health Affairs about the Military Health System; a member report covering an academics summary (consisting of submissions from the School of Medicine, Graduate School of Nursing, Postgraduate Dental College, and College of Allied Health Sciences); a member report covering a finance and administration summary (consisting of submissions from the Senior Vice President Campus South, Senior Vice President Campus West, Armed Forces Radiobiology Research Institute, and Office of the Vice President for Research); and additional reports to the Board from the Office of Accreditation and Organizational Assessment, Office of the Registrar, and the Office of the Vice President for Finance and Administration. Reviews of administrative matters of general consent (e.g., minute's approval, degree conferrals, faculty appointments and promotions, award recommendations, etc.) electronically voted on since the previous Board meeting on November 5, 2019 due to suspense requirements will be presented. A closed session will be held following the open session to discuss active investigations and personnel actions.

Meeting Accessibility: Pursuant to Federal statutes and regulations (5 U.S.C. Appendix, 5 U.S.C. 552b, and 41 CFR 102–3.140 through 102–3.165) and the availability of space, the meeting is open to the public from 8:00 a.m. to 11:05 a.m. Seating is on a first-come basis. Members of the public wishing to attend the meeting should contact Sarah Marshall no later than five business days prior to the meeting at the address and phone number noted in the **FOR FURTHER INFORMATION CONTACT** section. Pursuant to 5 U.S.C. 552b(c)(2, 5–7), the DoD has determined that the portion of the meeting from 11:15 a.m. to 12:00 p.m. shall be closed to the public. The USD(P&R), in consultation with the DoD

Office of General Counsel, has determined in writing that this portion of the Board's meeting will be closed as the discussion will disclose sensitive personnel information, will include matters that relate solely to the internal personnel rules and practices of the agency, will involve allegations of a person having committed a crime or censuring an individual, and may disclose investigatory records compiled for law enforcement purposes.

Written Statements: Pursuant to section 10(a)(3) of the FACA and 41 CFR 102–3.140, the public or interested organizations may submit written comments to the Board about its approved agenda pertaining to this meeting or at any time regarding the Board's mission. Individuals submitting a written statement must submit their statement to the DFO at the address listed in the **FOR FURTHER INFORMATION CONTACT** section. Written statements that do not pertain to a scheduled meeting of the Board may be submitted at any time. If individual comments pertain to a specific topic being discussed at the planned meeting, then these statements must be received at least five calendar days prior to the meeting. Otherwise, the comments may not be provided to or considered by the Board until a later date. The DFO will compile all timely submissions with the Board's Chair and ensure such submissions are provided to Board Members before the meeting.

Dated: January 28, 2020.

Aaron T. Siegel,

Alternate OSD Federal Register Liaison Officer, Department of Defense.

[FR Doc. 2020–01830 Filed 1–30–20; 8:45 am]

BILLING CODE 5001–06–P

DEPARTMENT OF EDUCATION

[Docket No. ED–2019–ICCD–0146]

Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Comment Request; Student Assistance General Provision—Subpart E—Verification Student Aid Application Information

AGENCY: Federal Student Aid (FSA), Department of Education (ED).

ACTION: Notice.

SUMMARY: In accordance with the Paperwork Reduction Act of 1995, ED is proposing a revision of an existing information collection.

DATES: Interested persons are invited to submit comments on or before March 2, 2020.

ADDRESSES: To access and review all the documents related to the information collection listed in this notice, please use <http://www.regulations.gov> by searching the Docket ID number ED–2019–ICCD–0146. Comments submitted in response to this notice should be submitted electronically through the Federal eRulemaking Portal at <http://www.regulations.gov> by selecting the Docket ID number or via postal mail, commercial delivery, or hand delivery. If the www.regulations.gov site is not available to the public for any reason, ED will temporarily accept comments at ICDocketMgr@ed.gov. Please include the docket ID number and the title of the information collection request when requesting documents or submitting comments. *Please note that comments submitted by fax or email and those submitted after the comment period will not be accepted.* Written requests for information or comments submitted by postal mail or delivery should be addressed to the Director of the Strategic Collections and Clearance Governance and Strategy Division, U.S. Department of Education, 400 Maryland Ave SW, LBJ, Room 6W–208D, Washington, DC 20202–4537.

FOR FURTHER INFORMATION CONTACT: For specific questions related to collection activities, please contact Beth Grebeldinger, 202–377–4018.

SUPPLEMENTARY INFORMATION: The Department of Education (ED), in accordance with the Paperwork Reduction Act of 1995 (PRA) (44 U.S.C. 3506(c)(2)(A)), provides the general public and Federal agencies with an opportunity to comment on proposed, revised, and continuing collections of information. This helps the Department assess the impact of its information collection requirements and minimize the public's reporting burden. It also helps the public understand the Department's information collection requirements and provide the requested data in the desired format. ED is soliciting comments on the proposed information collection request (ICR) that is described below. The Department of Education is especially interested in public comment addressing the following issues: (1) Is this collection necessary to the proper functions of the Department; (2) will this information be processed and used in a timely manner; (3) is the estimate of burden accurate; (4) how might the Department enhance the quality, utility, and clarity of the information to be collected; and (5) how might the Department minimize the burden of this collection on the respondents, including through the use of information technology. Please note

TAB 8

Chair's Opening Comments

Chair's Opening Comments

- Welcome
- Board of Regents Bylaws
- Next Board of Regents meeting – May 2020
 - February 14-15, 2020 (USU Campus)
- USU Commencement – May 2020
 - May 16, 2020, 1030-1230 hours, DAR Constitution Hall
- Regent Terms
 - Two submissions submitted
- Courtyard bricks for purchase
- Calendar for 2020 and 2021 Board meetings at Tab 5
- Closed session following the open session
 - active investigations
 - personnel actions

TAB 9

Previous Meeting Minutes

**Minutes of the Board of Regents
Uniformed Services University of the Health Sciences**

**Meeting No. 208
November 5, 2019**

The Board of Regents (Board), Uniformed Services University of the Health Sciences (USU), met on November 5, 2019, in the Everett Alvarez Board of Regents Room, Uniformed Services University of the Health Sciences, Bethesda, Maryland. The meeting date and agenda items were published in the *Federal Register* and each Regent was duly notified prior to the meeting. The Board Executive Secretary, Jeffrey Longacre, M.D., and the Designated Federal Officer (DFO), Ms. Sarah Marshall, were both present during the entire meeting. The meeting was called to order by the DFO at 8:00 a.m. Members and advisors listed below were in attendance:

Board Members

Honorable Jonathan Woodson, M.D., Chair
Ronald R. Blanck, D.O., Member
Honorable Sheila P. Burke, M.P.A., Member (via telephone)
Richard Cody, GEN, USA (Ret), Member
Michael M.E. Johns, M.D., Member
Kenneth P. Moritsugu, M.D., M.P.H., Member
Honorable Charles S. Robb, J.D., Member
Leo Rouse, D.D.S., Member
Honorable Thomas P. McCaffery, Assistant Secretary of Defense for Health Affairs (Secretary of Defense designee)
Richard W. Thomas, M.D., D.D.S., President, USU
Lt Gen Dorothy A. Hogg, USAF, NC, Surgeon General of the U.S. Air Force
MG Telita Crosland, MC, USA, Representing the Surgeon General of the U.S. Army
RADM Erica G. Schwartz, USPHS, Representing the Surgeon General of the United States
RDML James L. Hancock, MC, USN, Representing the Surgeon General of the U.S. Navy

Advisors to the Board

Thomas R. Morgan, Gen, USMC (Ret), Military Advisor
William Roberts, M.D., M.B.A., Senior Vice President, Campus West, USU
Arthur L. Kellermann, M.D., M.P.H., Dean, F. Edward Hébert School of Medicine (SOM), USU
Carol Romano, Ph.D., R.N., Dean, Daniel K. Inouye Graduate School of Nursing (GSN), USU
Thomas R. Schneid, D.M.D., M.S., Executive Dean, Postgraduate Dental College (PDC), USU
Mitchell J. Seal, Ed.D., M.Ed.-IT, R.N., Dean, College of Allied Health Sciences (CAHS), USU
CAPT John Gilstad, MC, USN, Director, Armed Forces Radiobiology Research Institute (AFRRI), USU
LTG Ronald Place, MC, USA, Director, Defense Health Agency
COL Andrew Barr, MC, USA, Director, Walter Reed National Military Medical Center
Mark Peterson, J.D., Legal Advisor to the Board, USU

OPENING COMMENTS

Preceding the official start of the meeting, a ceremonial passing of the gavel was conducted from the outgoing Board Chair (Blanck) to the incoming Board Chair (Woodson). Dr. Woodson expressed appreciation for Dr. Blanck's service to the Board and the University.

The meeting was called to order by the DFO and initial comments were made by the Board Chair, Dr. Woodson. The following points were included in his remarks:

- GEN Richard Cody was welcomed as an incoming Regent filling the vacancy created by the death of Regent (GEN) Ronald Griffith
- LTG Dingle announced as the Army Surgeon General
- VADM Faison (USU Class of '84) retiring and VADM Bruce Gillingham confirmed as the new Navy Surgeon General (USU Class of '86)
- RDML Hancock (USU Class of '95), Medical Officer of the Marine Corps representing the Navy Surgeon General
- Brig Gen Paul Friedrichs, USAF, MC (USU Class of '90), selected as Joint Staff Surgeon
- Brig Gen Shanna Woyak, USAF, NC, selected as National Capital Region Medical Director
- Upcoming calendar of meetings in Board materials
- Next Board meeting 3-4 February 2020 on Bethesda campus

Regent Robb entered Board Room during opening comments. Dr. Woodson invited Dr. Blanck to recognize and express appreciation to Senator Robb for his time and contributions to the USU Board of Regents since Senator Robb has resigned, effective 1 January 2020. A university memento was presented to Regent Robb.

MATTERS OF GENERAL CONSENT

Chair Woodson presented matters of general consent:

- Declaration of Board Actions (minutes of the August meeting) Tab 10

BOARD ACTIONS

Degree Conferral – SOM Graduate Education

Dean Kellermann presented for endorsement eight degree candidates (Tab 11), two for the degree of Master of Science and six for the degree of Doctor of Philosophy; four of the six PhD candidates are military medical officers.

Upon motion duly made and seconded, the Board

Vote by voice vote: Concurred with the recommendations as presented by Dean Kellermann and recommended that the USU President confer the degrees as stated upon these eight candidates.

Degree Conferral – GSN

Dean Romano presented for Board endorsement one candidate for the degree of Doctor of Philosophy based on successful completion of degree requirements (Tab 12).

Upon motion duly made and seconded, the Board

Vote by voice vote: Concurred with the recommendation as presented by Dean Romano and recommended that the USU President confer the degree as stated upon the candidates.

Degree Conferral – CAHS

Dean Seal presented candidates for Board endorsement upon completion of degree requirements, projecting 35 degree candidates at the end of the term, 18 for Associate of Science in the Health Sciences and 17 for Bachelor of Health Sciences, as noted in Tab 13.

Upon motion duly made and seconded, the Board

Vote by voice vote: Concurred with the recommendation of degree conferral upon completion of degree requirements, as presented by Dean Seal for conferral by the USU President.

Faculty Appointments and Promotions – SOM

Dean Kellermann presented the recommendations made by the SOM Committee on Appointments, Promotion and Tenure at the 3 September CAPT meeting or appropriate search committees (Tab 14). Dean Kellermann asked that one name be dropped from consideration; Kristin Thompson has withdrawn her nomination. Of particular note, Dr. Jean Robert Bernier, a USU MPH alumnus, is being recommended for Adjunct Professor, Preventive Medicine and Biostatistics. He recently retired at the rank of major general in the Royal Canadian Medical Service, culminating in leadership roles as the 38th Canadian Surgeon General, Chief Medical Advisor of the North Atlantic Alliance and Chairman of COMEDS.

Upon motion duly made and seconded, the Board

Vote by voice voted: Concurred with the recommendations as presented by Dean Kellermann and recommended that the USU President implement the actions for the faculty appointment or promotion.

Faculty Appointments and Promotions – PDC

Dean Schneid presented the recommendations made by the PDC Committee on Appointments, Promotion and Tenure at a meeting on 23 September 2019 (Tab 15).

Upon motion duly made and seconded, the Board

Vote by voice voted: Concurred with the recommendations as presented by Dean Schneid and recommended that the USU President implement the actions for the faculty appointment or promotion.

Faculty Awards – SOM

Dean Kellermann presented the nomination of David R. Welling to receive the USU Distinguished Service Award (Tab 16). The nomination was endorsed by the USU Names and Honors committee on 3 September 2019. CAPT Eric Elster was asked to summarize his distinguished career and contributions, training generations of USU students and future surgeons. Chair Woodson commented that he personally has had the pleasure of working alongside Dr. Welling and enthusiastically supports the recognition.

Upon motion duly made and seconded, the Board

Vote by voice voted: Concurred with the recommendations as presented by Dean Kellermann and recommended that the USU President implement the action for the award approval.

USU PRESIDENT'S REPORT

The following topics were presented during President Thomas' report to the Board (Tab 17):

- The Institute for Defense Analyses (IDA) completed its report on the value proposition of the University and it has been briefed to the ASD(HA). The IDA Report is an

objective, third-party report on the value proposition of USU. Copies have been provided to the Regents.

- Building F project is at the 65% design phase and had been slotted for a single phase project in the FY21 MILCON. However, we now understand from the DHA facilities team that there is push-back from the Comptroller on the project, primarily related to the Defense-Wide Review (DWR). The Deputy Comptroller was under the impression this was going to be a conference center, but once it was explained to her that this was not the case, we are under the impression it is going to be reviewed. Our understanding is that the project is not dead, but may be delayed.

At this point during President Thomas' presentation, Secretary McCaffery, ASD(HA), took the opportunity to elaborate on the current state of affairs and context regarding not only the DWR but the current budget environment as a whole (POM FY21 and FYDP). He noted that in the last 10 years, only once prior to this year, has the Defense Health Program (DHP) been "in the hole," meaning it overextended its expenditures, resulting in the ASD(HA) having to go to the Department of Defense to "ask for help" in filling that resource appropriation gap. This year, for a variety of reasons, the DHP appropriation over the FYDP is approximately \$4B in the hole. Health Affairs has submitted proposals seeking assistance in covering the deficit. The Department's response includes asking the Military Health System (MHS) where it can "self-fund" the deficit. Distinct from that, concurrent, overlapping, is the DWR. SECDEF has stated requirements and those exceed the top line, therefore looking across the entire DoD for ways to identify savings this fiscal year and over the FYDP to meet those requirements. ASD(HA) has met with the Department three times regarding the DHP and "everything is on the table." Secretary McCaffery wanted to assure the Board of Regents that there is a clearly articulated value statement of the university, as validated in the IDA report. He also noted the report he commissioned by the McKenzie group that stated there could potentially even be a cost if USU accessions were replaced by HPSP accessions.

Chair Woodson noted that in his experience, it is important that decisions not be made in silos. He noted the importance to meet top line requirements to reform and create the most effective and efficient system utilizing a forum comprised of leadership in the medical community to look across the entire enterprise in order to determine where cuts can occur to mitigate the risk incurred. He noted that USU has always positioned itself to support the Services and increase the readiness proposition of the fighting force, to include connections with the Reserve components, assist in establishing KSAs, etc. Secretary McCaffery assured the Board that these discussions were not occurring in a silo.

Regent Blanck reinforced that the Regents are available to provide their expertise, in order to educate individuals who may benefit from better understanding the University's value proposition.

At this point, President Thomas resumed his report:

- The University budget cut of 10% (Bag 6) is a result of needing to fund an under-execution of HPSP scholarships as well as over-execution of supplies and equipment. Although USU has received funds for METC collaboration and DMEC, the cuts across the board exceed those funds provided. USU did not under-execute its budget yet was required to contribute to the enterprise deficit disproportionately.
- Defense-Wide Review is a CAPE-led effort. President Thomas described this as "an assault" on the University, noting he "has not been at the table, so is on the menu." President Thomas has been making an effort to provide Dr. David Smith, the MHS

Reform Manager, with accurate USU information, while noting he understood that the ASD(HA) had a meeting with the Secretary of Defense, USU was on the agenda, but President Thomas was not part of that meeting nor has he received any feedback from that meeting. The University has provided several alternatives to what appears to be a 10%/25%/50% reduction drill for the 4th Estate.

- NDAA FY19 had three RTCs. The first is the Joint Education and Training Feasibility Study nearing completion, in which we have made several non-concur comments. The most notable non-concur statement elaborated by USU Senior VP Roberts includes any proposal where the university does not report directly to the ASD(HA), in contrast to proposals suggesting it report to DHA. The second RTC is the Research and Development Feasibility Study. A 10% cut to MHS RDT&E has been proposed, where USU will take the entire enterprise-wide 10% cut, resulting in a 60% decrement to the university's RDT&E budget. The University has provided input on how this disproportionate cut to USU would result in potential mission failure. Regent Cody noted that only with the involvement of USU has the research focus been accomplished at the NiCOE and Intrepid Spirits. Chair Woodson asked about the analysis that led to the "over-taxing" of the University for the RDT&E cuts. President Thomas noted that the analysis has not been clear and has not been shared. It was noted again that only USU programs would bear the entire MHS cut. The third RTC addresses the Defense Health Command and USU agrees with the approach to re-assess this within the next 3-5 years after the ongoing MHS/DHA/Service initiatives mature.
- Several legislative proposals have been submitted for FY21: 1) the Academic Health System is being positively received in FY20, in House language, pending Conference; 2) the Endowment proposal is likely dead; 3) the DHA Director as a USU Regent is pending Department review.

President Thomas asked for support in crafting a Letter of Concern for the SECDEF through the Board of Regents detailing the value proposition of the University for the Enterprise, DOD and Nation. President Thomas also shared his appreciation to all for the support he has received following the recent passing of his wife.

MEMBER REPORTS – ACADEMICS SUMMARY

Regent Johns presented several highlights from the preparatory session.

- Office of the University Registrar (Tab 18)
 - University policy being developed to drive technology regarding catalog and Registration Coordination Committee in place to develop catalog
 - Statement of Work for University catalog looking at vendor to meet requirements, hoping to have software for March 2020
 - Student Information System re-implementing properly designed software to obtain a centralized and uniform university system
- Office of Accreditation and Organizational Assessment (Tab 19)
 - The PDC is consolidating the Endodontics and Comprehensive Residency Dentistry programs (Keesler to Lackland). Teach-out plan submitted. Substantive Change package being submitted.
 - Middle States Commission on Higher Education (MSCHE) mid-point peer review data report from late September, first step of nine for mid-cycle

reviews. Assists in explaining the financial arrangements unique to an institution of higher education in the Department of Defense.

- USU Simulation Center is soon to host its accreditation body. The SimCenter is one of the few national Centers that possesses all simulation accreditations. Recently, USU held its 20th anniversary of the USU Val G. Hemming Simulation Center. The SimCenter is part of a consortium with Walter Reed National Military Medical Center and the Ft. Belvoir Community Hospital. They currently have \$6M in research funding for battlefield care and prolonged field care. They continue to work with DHA to ensure that simulation is of the highest fidelity across the MHS. This is a resource not only for USU, but NCC and other Federal agencies. Chair Woodson noted the importance of utilizing this unique resource to address criticism about wartime preparedness using high fidelity platforms to enrich skills of the providers. It is a key resource as an investment for improving platforms using technology. Regent Johns noted this could be a standard for competency-based training and education.
- Faculty Senate
 - List of activities listed in Tab 20,
 - Faculty Senate has posted its vision statement designed to meet the “Four Cs” (Communication, Connection, Caring, and Competence)
 - First assembly of the year is designed to familiarize the faculty with means of communication with the IG and EEO offices.

MEMBER REPORTS – FINANCE AND ADMINISTRATION SUMMARY

Regent Rouse provided the following highlights from the preparatory session:

- Office Finance and Administration (Tab 21)
 - Successful close for FY19 and under Continuing Resolution for FY20
 - Anticipating a Bag 6 reduction, details pending
 - Audit by Kearney ongoing
 - IG assessment ongoing
- Office of General Counsel (Tab 23)
 - New Brigade Judge Advocate onboard
 - OGC currently advising USU on business practices and organizational strategy
 - OGC currently advising Office of Research on technology transfer
- Office of Chief Information Officer (Tab 22)
 - Information Technology is key to accreditation
 - Migration of .edu to Mid-Atlantic Crossroads (MAX)
 - MedHub agreed to be used institution-wide at university
- Henry M. Jackson Foundation for the Advancement of Military Medicine (Tab 24)
 - Research spending approximately \$250M in 2019
 - Foundation welcoming arrival of USU-WRNMMC surgical centers
 - Transfer of endowment funds to USU, about \$45M, completed

At 9:17 a.m., Chair Woodson called for a break until 9:35 a.m.

Chair Woodson reconvened the meeting at 9:36 a.m. with an “alibi” to have the CIO elaborate on the previous preparatory session presentation. The DoD IT community has been under reform

for the past year. In the DoD CIO community, there is now a Department-level academic consortium (academies, USU, NDU, etc.) to address reform at the academic institutions, because of their unique requirements. USU has been moved to Phase 3, year 2022-2023 time frame. There is DoD discussion about moving the Authorizing Official (AO) for an institution to a higher level, e.g. Under Secretary vs President Thomas for USU as it is now. This is problematic having the AO too far removed from the academic institution.

SCHOOL OF MEDICINE REPORT

Dean Kellermann presented the report (Tab 25):

- Report focuses on contributions to (Medical) Force Generation, Sustainment, and Readiness
 - School has never been stronger than today. Fully accredited by LCME without any progress reports necessary. AAMC graduation questionnaire to students, rating every basic science and clinical course substantially higher than the national average. USU had 67% “strongly agree” response for overall satisfaction of their education, compared to 40% for the national average. IDA report noted the active duty medical force is comprised of 25% USU graduates, more than the next 20 schools combined. USU graduates serve an average of 15 years, compared to HPSP at 9 years. USU graduates served an average of 250% more days deployed. USU graduates comprise a higher percentage of senior officers compared to HPSP, as well as a higher percentage of special operations positions.
 - Dr. Jessica Servey discussed the Faculty Development Program at USU. It delivered 441 workshops at MTFs around the world. It provides a tri-service, inter-disciplinary, inter-professional education. The Commission on Dental Accreditation (CODA) has had a requirement for faculty development and Accreditation Council for Graduate Medical Education (ACGME) is soon to require the reporting of faculty development for program directors. One-half of USU faculty development participants note faculty development facilitates staying in academic medicine and one-third note it facilitates staying on active duty. Chair Woodson reinforced that a program like this fosters a community of scholars and professionals. LTG Place asked what measure of effectiveness is in place. Dr. Servey noted that it was very difficult to gauge that measure from one workshop.
 - CAPT Eric Elster discussed the clinical readiness program, also known as the KSA effort, that was initiated at USU about three years ago (narrative transcribed from earlier in the meeting and inserted here for continuity). The program was initiated to assess proficiency of all members of the combat casualty team. It focuses on four areas; knowledge assessment, skills assessment, metric for practice, the ability to train and retrain. Thresholds have been established and the metric is linked with outcomes, assessing proficiency, not just demonstrating such. This initiative has developed a strong partnership with the American College of Surgeons. The KSA program management office has just transitioned to the DHA where it can align with the Joint Trauma System.

SCHOOL OF NURSING REPORT

Dean Romano provided a summary of highlights, emphasizing the readiness component of GSN education (Tab 26):

- Attention was called to the supplemental materials for a late faculty promotion. Dean Romano asked the Board to endorse the promotion for Elizabeth Kostas-Polston.

Upon motion duly made and seconded, the Board

Vote by voice voted: Concurred with the recommendation as presented by Dean Romano and recommended that the USU President implement the actions for the faculty promotion.

- Dean Romano noted that the GSN educates 100% of the Army, Navy, and Air Force Family Nurse Practitioners and Psych Mental Health Nurse Practitioners. The GSN also educates 100% of the Navy and Air Force Nurse Anesthetists, and 20% of the Army CRNAs. The Army Deputy Nurse Corps Chief has commented on how GSN graduates “hit the ground running” and do not need fellowships or internships because they receive twice the amount of clinical experience compared to civilians.
- GSN in collaboration with SOM initiated a requirement of 12 hours (online) of faculty development education for new and adjunct faculty/preceptors. In addition, distant faculty come to campus twice a year to receive faculty development education. Because of this robust faculty experience and education, as faculty retire, they are sought after by civilian institutions.
- GSN is currently looking to streamline the advanced practice nursing curriculum.
- GSN completed a lean six sigma project looking at the academic curriculum review to coordinate that with the university catalog.

POSTGRADUATE DENTAL COLLEGE REPORT

Dean Schneid provided a highlight summary (Tab 27):

- Education and Training: Accreditation- since 2013, all 20 military residencies successfully received the highest CODA programmatic requirements (zero reporting requirements). Ninety-three percent cumulative graduation rate. PDC graduates received 94% first-time specialty board pass rate, higher than civilian counterparts.
- Emphasis continues on faculty development. PDC Associate Dean for Faculty Affairs now in 4th iteration of online course, currently includes 20 tri-service faculty from multiple locations.
- Research and Scholarship: Numerous presentations, publications, and awards for students and faculty in 2019.
- Leadership and Leader Development: Numerous opportunities are being utilized for students to have field experiences, deployments, humanitarian missions, research experiences, and inter-professional education.

COLLEGE OF ALLIED HEALTH REPORT

Dean Seal provided a highlight summary (Tab 28):

- Education and Training: enrollment about 800 on any given day, with through-put of about 1300 per year because of the rotating cohorts.
- Of the 11 METC programs, all require specialized accreditation on the front end for eligibility to provide credentialing on the back end. Some are not accredited on the

front end because they rely on the University's regional accreditation but they are eligible for the credentials within these fields.

- Projecting 118 degrees for the year, 84 Associate and 34 Bachelor degrees.
- Research and Scholarship: numerous presentations given on the outcomes-based model. CAHS is participating in a pilot for MilGears, DoD's version of a comprehensive learner's record. Also collaborating with DHA J7 to reach additional student populations.
- Leadership and Service: Pilot for Special Forces medics to attain credit toward a PA degree (Sec 735) continues to be entertained. This is being developed for post-service professional opportunities. Funding remains TBD.
- Two new academic programs are proposed for endorsement:
 - Army Critical Care Flight Paramedic Program. Award 24 hours of credit. After an initial request from Army, they pulled their request, but have now re-engaged with funding. The Deans Quarterly Council has been briefed.
 - Independent Duty Corpsman. Award 57-58 hours of credit. The proposal has gone through the approval process, and has received concurrence with comments, currently undergoing adjudication. A staff assistance visit is scheduled for next week. Lt Gen Hogg asked why the Air Force equivalent program was not included and Dean Seal noted that the Air Force has chosen to have it reviewed separately, next year. RDML Hancock noted that although this specialty is difficult to recruit, it is imperative that this initiative is well thought out and done appropriately.

Upon motion duly made and seconded, the Board

Vote by voice voted: Concurred with the recommendations as presented by Dean Seal, with a specific reference by Regent Johns that it be in compliance with the MSCHE and all other applicable standards, that the USU President approve adoption of the two programs.

CLOSING REMARKS

- Chair Woodson and the Regents recognized Dr. Longacre for his recent Good Samaritan actions in rendering medical care at two separate automobile accidents.

ADJOURNMENT

Chair Woodson then adjourned the open portion of the meeting at 11:15 a.m.

SUBMITTED:

APPROVED:

Jeffrey L. Longacre, M.D.
Executive Secretary, Board of Regents

Jonathan Woodson, MD
Chair, Board of Regents

Prepared by: Jeffrey Longacre, MD, Executive Secretary, jeffrey.longacre@usuhs.edu

TAB 10

Declaration of Board Actions



BOARD OF REGENTS

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712



18 December 2019

MEMORANDUM FOR PRESIDENT, USU

SUBJECT: Faculty Compensation Endorsements

On 17 December 2019, with concurrence from the Board Chair, an electronic query was distributed to the entire USU Board of Regents seeking a majority recommendation or non-recommendation, so that it may provide guidance to the University President for his approval or disapproval of the proposals submitted by the Dean, School of Medicine.

On 18 December 2019, a majority endorsement was reached by the USU Board of Regents recommending positive action by the University President for the compensation proposals on Drs. Elexis McBee and Dario Torre.

Jeffrey Longacre, MD
Executive Secretary
USU Board of Regents

Nomination for the Award of the
UNIFORMED SERVICES UNIVERSITY DISTINGUISHED SERVICE AWARD
TO
DR. YVONNE T. MADDOX
VICE PRESIDENT FOR RESEARCH
UNIFORMED SERVICES UNIVERSITY

NARRATIVE:

Dr. Yvonne T. Maddox distinguished herself through superior meritorious service in the Office of Research, Uniformed Services University (USU), Bethesda, Maryland as the Vice President for Research from 1 June 2015 to 30 January 2020. During her tenure, Dr. Maddox has made extraordinary contributions to facilitate, promote, and encourage excellence in and leadership of the research activities at USU. Dr. Maddox re-established USU's interaction and communication with the Defense Health Agency Research and Development components and participated on numerous senior level DoD research panels. She leveraged her existing relationships to build critical partnerships between USU and/or other federal agencies, academia, and industry to ensure the best opportunities for faculty and student collaborations. She reinvented the USU intramural research program by establishing new mechanisms for funding that supported early career development for faculty and focused on high priority medical research areas for the DoD. She restored integrity to the scientific review process by formalizing an agreement with the National Institutes of Health (NIH) Center for Scientific Review. Most recently, she championed military women's health issues and as a result, research dollars to support military women's health are now in the USU Program Objective Memorandum (POM). USU researchers have experienced significant gains because of Dr. Maddox's dedication and commitment to research activities at USU.

Dr. Maddox has decades of experience as a senior executive in federal service at the NIH, including Acting Director of the National Institute on Minority Health and Health Disparities, Deputy Director of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Acting Deputy Director of NIH and various leaderships positions within other NIH institutes and divisions.

The Vice President for Research position had been vacant since January 2012. It had become evident that a need existed for an individual who was able to oversee all matters

related to sponsored research programs at USU as well as research programs conducted through USU. Dr. Yvonne T. Maddox accepted the challenge to serve as the Vice President for Research and she has done an outstanding job developing and implementing policies that promote and enhance research within the USU Schools and the Armed Forces Radiobiology Research Institute. Most importantly, readiness of warfighters and their families have been directly impacted by research conducted at USU under the leadership of Dr. Yvonne T. Maddox.

CITATION TO ACCOMPANY THE
USU DISTINGUISHED SERVICE AWARD

TO

DR. YVONNE T. MADDOX

Dr. Yvonne T. Maddox is recognized for distinguished service to the Uniformed Services University (USU) from June 2015 to January 2020. During this period she served as the Vice President for Research. Dr. Maddox has made extraordinary contributions to facilitate, promote, and encourage excellence in and leadership of the research activities at USU. Dr. Maddox re-established USU's interaction and communication with the Defense Health Agency Research & Development components and participated on numerous senior level DoD research panels. She leveraged her existing relationships to build critical partnerships between USU and/or other federal agencies, academia, and industry to ensure the best opportunities for faculty and student collaborations. Dr. Maddox reinvented the USU intramural research program by establishing new mechanisms for funding that supported early career development for faculty and focused on high priority medical research areas for the DoD. She restored integrity to the scientific review process by formalizing an agreement with the NIH Center for Scientific Review. Most recently, she championed military women's health issues and as a result, research dollars to support military women's health are now in the USU POM. USU researchers have experienced significant gains because of Dr. Maddox's dedication and commitment to research activities at USU. Most importantly, readiness of warfighters and their families have been directly impacted by research conducted at USU under the leadership of Dr. Yvonne T. Maddox.



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

DANIEL K. INOUE GRADUATE SCHOOL OF NURSING
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4799
www.usuhs.edu



16 December 2019

MEMORANDUM FOR THE PRESIDENT, USU

THROUGH: USU BOARD OF REGENTS

SUBJECT: Distinguished Service Award for Dr. Yvonne Maddox

The USU Names and Honors Committee fully supports the presentation of the Distinguished Service Award to Dr. Maddox for her years of distinguished service to the Military Health System and the Uniformed Services University as the Vice President for Research.

Thank you for your consideration.

Carol A. Romano PhD, RN, FAAN
Dean and Professor
Chair of Names and Honors Committee



BOARD OF REGENTS

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712



18 December 2019

MEMORANDUM FOR PRESIDENT, USU

SUBJECT: Distinguished Service Award for Yvonne Maddox, PhD

On 17 December 2019, with concurrence from the Board Chair, an electronic query was distributed to the entire USU Board of Regents seeking a majority recommendation or non-recommendation, so that it may provide guidance to the University President for his approval of the proposed University Distinguished Service Award to Yvonne Maddox, PhD, Vice President for Research.

On 18 December 2019, a majority endorsement was reached by the USU Board of Regents recommending positive action by the University President to award the DSA to Dr. Maddox.



Jeffrey Longacre, MD
Executive Secretary
USU Board of Regents



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

OFFICE OF THE PRESIDENT
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712
usuhs.edu



19 December 2019

MEMORANDUM FOR PRESIDENT, UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

THROUGH: CHAIR, USU BOARD OF REGENTS
CHAIR, USU NAMES AND HONORS COMMITTEE

SUBJECT: Honorary naming of the new USU enclosed breezeway on behalf of Dr. Charles L. Rice, USU President Emeritus

I respectfully request to formally name the new enclosed breezeway, between Bldgs. B and C, at the Uniformed Services University of the Health Sciences in honor of Dr. Charles L. Rice, USU President Emeritus and Professor of Surgery.

During his tenure as President of USU, Dr. Rice was responsible for the significant expansion of USU's academic and research portfolio.

Under his leadership, the University undertook significant curriculum reform: "Molecules to Military Medicine." His emphasis on ensuring that the lessons learned in a decade of conflict—particularly advances in trauma care, developing strong leadership skills among MHS officers, and increasing diversity in the medical corps of the three military services—led to their incorporation into the curriculum and the fabric of the institution. The completely overhauled program maintains USU's signature military footprint and provides a much stronger link between classroom learning and clinical experience.

Dr. Rice led the expansion of clinical research across the university, positioning USU among the top universities for research funding in the nation. He created important interdisciplinary academic centers, including the National Center for Disaster Medicine and Public Health; the Center for Neuroscience and Regenerative Medicine; the Consortium for Health and Military Performance and the John P. Murtha Cancer Center, both Defense Centers of Excellence; the Center for Rehabilitation Science Research; Collaborative Health Initiative Research Program; Surgical Critical Care Initiative, and a Center for Global Health Engagement.

He championed new academic programs, such as the Master's and PhD programs in Health Professions Education, Master of Health Administration and Policy, Doctor of Nursing Practice, Women's Health Nurse Practitioner, and expansion of the Clinical Psychology program. He also established the Enlisted to Medical Degree Preparatory Program. His creation, and subsequent expansion, of the Postgraduate Dental College and establishment of Master of Oral Biology degree for Army, Navy and Air Force dental residents has led to 29 programs with the Army, Navy and Air Force dental schools across the country.

Dr. Rice founded a new Department of Physical Medicine and Rehabilitation at USU, led the integration of the USU and WRNMMC Departments of Surgery and the integrated department chair for USU and WRNMMC Radiology departments.

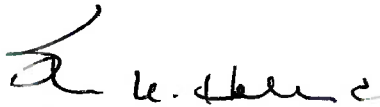
He hired new University leaders, including deans of the F. Edward Hebert School of Medicine, the Daniel K. Inouye Graduate School of Nursing, and Postgraduate Dental College, Senior Vice President, Vice President for Research, Vice President for External Affairs, Vice President for Finance and

Learning to Care for Those in Harms' Way

Administration, Chief Information Officer/Vice President for Information and Education Technology, Chief of Staff, AFRRRI Director, Brigade Commanders, and School of Medicine Chief Diversity Officer.

Under his oversight, the university received full accreditation by the Middle States Commission on Higher Learning, Liaison Committee for Medical Education, Commission on Collegiate Nursing Education, and other accrediting bodies. He forged new strategic relationships with other federal educational and research institutions, such as the affiliations with the Navy Postgraduate School and the National Defense University and the National Institutes of Health, among many others.

Dr. Rice's accomplishments are too many to list. In recognition of his vision, dedication and commitment to USU, this recommendation is hereby submitted to name this new University space "Charles L. Rice Hall" in keeping with academic tradition.

A handwritten signature in black ink, appearing to read "Sharon K. Holland". The signature is fluid and cursive, with a large initial "S" and "K".

Sharon K. Holland
Deputy Vice President for External Affairs



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

DANIEL K. INOUE GRADUATE SCHOOL OF NURSING

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BETHESDA, MARYLAND 20814-4799

www.usuhs.edu



2 January 2020

MEMORANDUM FOR THE PRESIDENT, USU

THROUGH: USU BOARD OF REGENTS

SUBJECT: Honorary Naming on Behalf of Dr. Charles Rice

The USU Names and Honors Committee fully supports the Honorary Naming of the USU Breezeway on behalf of Dr. Charles Rice for his many years of distinguished service to the Military Health System and the Uniformed Services University as former President of the University and Professor.

Thank you for your consideration.

Carol A. Romano PhD, RN, FAAN
Dean and Professor
Chair of Names and Honors Committee



BOARD OF REGENTS

UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712
<http://www.usuhs.mil>



January 8, 2020

MEMORANDUM FOR PRESIDENT, UNIFORMED SERVICES UNIVERSITY

SUBJECT: Honorary Naming of the USU Breezeway Enclosure on behalf of Charles L. Rice,
MD, USU President and Regent Emeritus

The Board of Regents received a nomination letter dated December 19, 2019 proposing that the newly constructed enclosed breezeway between buildings B and C on the main USU campus be named the Charles L. Rice Hall. This nomination was forwarded to the USU Names and Honors Committee.

The Names and Honors Committee endorsed the nomination in a letter dated January 2, 2020, and forwarded it to the Board of Regents. Because of the time sensitivity of the request, the dedication of the hall being proposed on the day of the Board meeting, an electronic vote was conducted.

On January 8, 2020, a majority of the USU Regents endorsed the honorary naming of the breezeway enclosure and the recommendation was forwarded to the university president for his approval and action.

Jeffrey Longacre, MD
Executive Secretary
USU Board of Regents

TAB 11

Degree Conferrals

Hébert School of Medicine



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712
usuhs.edu



December 20, 2019

MEMORANDUM FOR: PRESIDENT, USUHS

THROUGH: CHAIR, BOARD OF REGENTS

THROUGH: DEAN, SCHOOL OF MEDICINE

SUBJECT: Conferral of Graduate Degrees

The following Graduate Education students are scheduled to complete their respective programs on February 4, 2020 and have met all the academic requirements for graduation. The Associate Dean requests that the President, USUHS, award the following students their respective Master of Science, Master of Science in Public Health and Doctor of Philosophy degrees.

Master of Science candidates:

Gim M. Reo, Department of Medical and Clinical Psychology
Maegan M. Paxton Willing, Department of Medical and Clinical Psychology

Master of Science in Public Health candidate:

Warner C. Wilson, Department of Preventive Medicine and Biostatistics

Doctor of Philosophy candidates:

Kassandra S. Hunter, Emerging Infectious Diseases Graduate Program
Patrick T. LaBreck, Emerging Infectious Diseases Graduate Program

Saibal Dey, PhD
Associate Dean for Graduate Education

Approved / Not Approved

Richard W. Thomas, MD, DDS, FACS
President



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usuhs.edu



December 20, 2019

MEMORANDUM FOR RICHARD W. THOMAS, MD, DDS, FACS, PRESIDENT, USUHS

Through: Chair, Board of Regents

SUBJECT: Certification of Graduate Student

The graduate student listed below is presented for certification to receive the Master of Science degree effective upon your approval:

Gim M. Reo

MASTER OF SCIENCE

Department of Medical and Clinical Psychology

Attached is the candidate's Thesis Approval Form. Also attached are the certification of authorized use of Copyrighted materials, Thesis Title Page, Thesis Abstract, and Curriculum Vitae.

Arthur L. Kellermann, MD, MPH
Dean, USUHS, School of Medicine

Attachments:
As stated



UNIFORMED SERVICES UNIVERSITY, SCHOOL OF MEDICINE GRADUATE PROGRAMS
Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



December 2, 2019

APPROVAL SHEET

Title of Master's Thesis: **"An Examination of Acute Substance Use among United States Air Force Suicide Decedents"**

Name of Candidate: **Gim M. Reo, Master of Science in Medical and Clinical Psychology,**

12/02/2019

THESIS AND ABSTRACT APPROVED:

DATE:

David S. Riggs, Ph.D.

DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Chairperson (Thesis Adviser)

12-3-19

Marjan G. Holloway, Ph.D.

Marjan Ghahramanlou Holloway, Ph.D.

DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Member

12-2-19

Jeffrey L. Goodie, Ph.D., ABPP

DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Member

2 Dec 19

The author hereby certifies that the use of any copyrighted material in the thesis manuscript entitled:

An Examination of Acute Substance Use among United States Air Force Suicide Decedents

is appropriately acknowledged and, beyond brief excerpts, is with the permission of the copyright owner.

A handwritten signature in black ink, appearing to read 'Gim M. Reo', with a large, sweeping loop on the left and a trailing line on the right.

Gim M. Reo
MEDICAL AND CLINICAL PSYCHOLOGY
Uniformed Services University
12/02/2019

An Examination of Acute Substance Use among United States Air Force Suicide Decedents

Gim M. Reo

Uniformed Services University

Author Note:

The opinions expressed herein are those of the author and do not necessarily reflect the views of the Uniformed Services University of the Health Sciences, United States Air Force, or the Department of Defense. Additionally, the authors have no conflict of interest.

Abstract

Suicide remains a major public health problem in the United States (US). Military service members and veterans are a notable subset of the US population particularly at risk for suicide. Acute substance use (ASU) shortly prior to a suicide event has been identified as a major risk indicator for suicidal behaviors. To our knowledge, there is currently no research examining the adverse impact of ASU in a US military or veteran population. Further, there is very limited research on suicide precipitants, communication of suicide ideation or intent, and disclosure of interpersonal/intrapersonal themes of distress as a function of ASU regardless of the population. The present study utilized a sample consisting of 236 Air Force Office of Special Investigation (AFOSI) cases of active duty US Air Force personnel who had died by suicide for the purposes of examining the association between ASU and suicide-related characteristics. The results indicated there were few significant differences between USAF suicide decedents with and without documented ASU. However, when compared to non-substance users, USAF suicide decedents with ASU were more likely to show evidence of suicide precipitants associated with relationship distress (e.g., interpersonal arguments), interpersonal themes of distress associated with missing friends and revenge, and intrapersonal themes of distress associated with agitation and anger. This study is the first to provide insight on the potential link between substance use and intrapersonal distress potentially impacting a suicidal individual's capacity to engage in suicide following interpersonal conflict. Given these findings, ASU may have theoretical and clinical implications that require further examination in US military, veteran, and civilian populations.

Gim Michael Reo

Phone: (815) 501-5197 – E-Mail: gim.reo@usuhs.edu

EDUCATION

- 2016- Present Uniformed Services University of Health Sciences
Clinical Psychology – Doctoral Candidate
Faculty Adviser: David S. Riggs, Ph.D.
- 2009-2013 **Northern Illinois University**, DeKalb, Illinois
Bachelor of Science, Psychology (Cum Laude)
GPA: 3.7
Upper Division Honors
Undergraduate Capstone: *Psychological and Behavioral Health Problems Among College Students*
Faculty Advisers: Julie L. Crouch, Ph.D. and Joel S. Milner, Ph.D.

MILITARY EDUCATION

- 10/15-11/15 **Technical Transportation of Hazardous Material**, Ft. Campbell, Kentucky
11/14-12/14 **Air Assault School**, Ft. Campbell, Kentucky
01/14-04/14 **AMEDD Basic Officer Leadership Course**, Ft. Sam Houston, Texas

PROFESSIONAL POSITIONS

- 02/16-06/16 Brigade Medical Operations/Logistics Officer
HHC, 426th BSB, 1st BCT, 101st Airborne Division (Air Assault)
United States Army
Supervisor: Brian Astwood, MAJ, LG
- Supervised the execution of medical operations and medical equipment resupply for an infantry brigade consisting of 5,000 soldiers serving in the 101st Airborne Division. My responsibilities included supervising the Brigade's medical mission command, allowing for the successful medical ground-air evacuation of real world and notional casualties in military operational training environments.
- 12/14-02/16 Medical Evacuation Platoon Leader
C Co, 426th BSB, 1st BCT, 101st Airborne Division (Air Assault)
United States Army
Supervisor: Gilberto Rodriguez, CPT, MS
- Supervised the execution of medical ground-air evacuation between medical treatment facilities for real world and notional casualties in military operational training environments. Responsible for the readiness, training, health, and welfare of over 30 ground ambulance medics serving in a ground ambulance platoon.
- 05/14-12/14 Battalion Medical Operations Officer
HHC, 426th BSB, 1st BCT, 101st Airborne Division (Air Assault)
United States Army
Supervisor: Andrea L. Jackson, CPT, LG

Supervised the execution of medical operations and medical equipment resupply for a unit consisting of 500 soldiers serving in the 426th Brigade Support Battalion. My responsibilities included supervising the Battalion's medical mission command, allowing for the successful medical ground-air evacuation of real world and notional casualties in military operational training environments.

05/14-12/14 Assistant S3 Operations Officer
HHC, 426th BSB, 1st BCT, 101st Airborne Division (Air Assault)
United States Army
Supervisor: Aida M. Scott, CPT, LG

HONORS AND AWARDS

2013 First Place Award for the Social Sciences, Undergraduate Research Competition, Northern Illinois University's 4th Annual Undergraduate Research and Artistry Day-
Project title: *Is Mindfulness Associated with Distress Tolerance and Child Physical Abuse Risk in a General Population Sample?*

2012-2013 President of the Northern Illinois University Student Psychological Association

2011-2013 Upper Division Honors, Northern Illinois University Honors Society

2009-2013 Dean's List, Northern Illinois University

2009-2013 U.S. Army ROTC 4-Year Scholarship Recipient

CLINICAL EXPERIENCE

09/19-PRES **National Intrepid Center of Excellence** (Bethesda, MD)

06/19-08/19 **US Military Academy Center for Personal Development** (West Point, NY)

08/18-06/19 **Kimbrough Ambulatory Care Center Outpatient Clinic** (Fort Meade, MD)

08/17-08/18 **Walter Reed National Military Medical Center** (Bethesda, MD)

05/17-08/17 **National Intrepid Center of Excellence** (Bethesda, MD)

08/16-02/18 **Val G. Hemming Simulation Center, Uniformed Services University of the Health Sciences** (Silver Spring, MD)

RESEARCH EXPERIENCE

08/16-PRES Graduate Research Assistant
Military Stress Studies Laboratory (MiSSL)
Uniformed Services University of the Health Sciences
Supervisor: David S. Riggs, Ph.D.

01/12-01/14 Research Assistant
Center for the Study of Family Violence and Sexual Assault
Northern Illinois University
Supervisor: Julie L. Crouch, Ph.D.

05/08-05/12 Monitor Supervisor of Data Collection
Center for Governmental Studies Survey Research Team
Northern Illinois University
Supervisor: Katherine Little, M.A.



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
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BETHESDA, MARYLAND 20814-4712
usuhs.edu



December 20, 2019

MEMORANDUM FOR RICHARD W. THOMAS, MD, DDS, FACS, PRESIDENT, USUHS

Through: Chair, Board of Regents

SUBJECT: Certification of Graduate Student

The graduate student listed below is presented for certification to receive the Master of Science degree effective upon your approval:

Maegan M. Paxton Willing

MASTER OF SCIENCE

Department of Medical and Clinical Psychology

Attached is the candidate's Thesis Approval Form. Also attached are the certification of authorized use of Copyrighted materials, Thesis Title Page, Thesis Abstract, and Curriculum Vitae.

Arthur L. Kellermann, MD, MPH
Dean, USUHS, School of Medicine

Attachments:
As stated



UNIFORMED SERVICES UNIVERSITY, SCHOOL OF MEDICINE GRADUATE PROGRAMS
Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



December 6, 2019

APPROVAL SHEET

Title of Dissertation: "The Relationship of PTSD to Quality of Life in a Treatment-Resistant Military

Population: An Examination of Moderating and Mediating Factors"

Name of Candidate: **Maegan M. P. Willing**, Master of Science in Medical and Clinical Psychology

12/02/2019

THESIS AND ABSTRACT APPROVED:

DATE:

10DEC2019

David S. Riggs, PhD
DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Chairperson (Thesis Adviser)

6 Dec 2019


Jeffrey Cook, PhD
DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Member

10 Dec 2019

William Brim, PsyD
DEPARTMENT OF MEDICAL AND CLINICAL PSYCHOLOGY
Committee Member

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Megan ("Maegan") Marie Paxton Willing

4 February 2020

DISCLAIMER

The views presented here are those of the author and are not to be construed as official or reflecting the views of the Uniformed Services University of the Health Sciences, the Department of Defense or the U.S. Government.

**The Relationship of PTSD to Quality of Life in a Treatment-Resistant Military
Population: An Examination of Moderating and Mediating Factors**

by

Maegan Marie Paxton Willing

**Thesis submitted to the Faculty of the
Medical and Clinical Psychology Graduate Program
Uniformed Services University of the Health Sciences
In partial fulfilment of requirements for the degree of
Master of Science, 2019**

ABSTRACT

The Relationship of PTSD to Quality of Life in a Treatment-Resistant Military

Population: An Examination of Moderating and Mediating Factors

Maegan Marie Paxton Willing, Master of Science, 2019

Thesis directed by: David S. Riggs, PhD, Department of Medical and Clinical
Psychology

Posttraumatic Stress Disorder (PTSD) is a significant problem facing service members returning from deployment to Iraq and Afghanistan. Notably, PTSD is highly comorbid with other psychological conditions and symptoms including anxiety, depression, sleep disturbances, and nightmares. These conditions are known to have debilitating consequences on a patient's quality of life (QoL); however, little is known about how they interact to impact the QoL of service members. The present study utilized data previously collected as part of a treatment study examining a novel medication (Riluzole, a glutamate modulator) for treatment-resistant PTSD (CAPS-IV ≥ 40 after eight weeks of SSRI/SNRI). To examine the complex relationship of PTSD to QoL, three interactions were examined. First, results indicated sleep quality moderated the relationship of PTSD to depression, such that lower levels of sleep disturbance were associated with a stronger association between PTSD and depression. Nightmares were not a significant moderator of the PTSD to QoL relationship. Second, an examination of anxiety and depression as mediators of the relationship of PTSD to QoL (i.e., overall, health-related, physical, psychological, social, and environmental) found depression to completely mediate each

of these relationships, while anxiety mediated all interactions except overall and environmental QoL. Finally, the moderated-mediation model was significant when sleep quality moderated the depression-mediated relationship of PTSD to physical, psychological, and environmental QoL. This study provides insight into the complex relationship of PTSD, co-occurring conditions, and QoL. These findings further emphasize the importance of considering common comorbidities of PTSD when working to improve a patient's QoL.

MAEGAN M. PAXTON WILLING

501-593-5297

megan.paxton.ctr@usuhs.edu or paxton.maegan@gmail.com

EDUCATION

2019 – Present Expected 2020	Uniformed Services University of the Health Sciences: Bethesda, MD <i>Masters of Public Health; Concentration: Biostatistics and Epidemiology</i>
2016 – Present Expected 2021	Uniformed Services University of the Health Sciences: Bethesda, MD <i>Masters of Medical and Clinical Psychology</i> <i>Doctorate of Medical Psychology</i>
2010 – 2013 B.S., Cum Laude	Harding University: Searcy, AR <i>Major: Psychology; Minor: Bible and Religion</i>

RESEARCH EXPERIENCE

January 2019 – Present	National Intrepid Center of Excellence Walter Reed Bethesda: Bethesda, Maryland
June 2018 – Present	Uniformed Services University of Health Sciences, Department of Medical and Clinical Psychology: Center for Deployment Psychology: Bethesda, Maryland
May 2017 – October 2019	Uniformed Services University of Health Sciences, Department of Psychiatry Center for the Study of Traumatic Stress: Bethesda, Maryland
August 2016 – Present	Uniformed Services University of Health Sciences Department of Medical and Clinical Psychology: Bethesda, Maryland
September 2014 – July 2016	Uniformed Services University of Health Sciences, Department of Psychiatry Center for the Study of Traumatic Stress: Bethesda, Maryland
May 2015 – December 2015	University of Maryland College Park Maryland Psychotherapy Clinic and Research Lab: College Park, Maryland
August 2012 – May 2013	Harding University: Searcy, Arkansas

FUNDING, PUBLICATIONS, AND PRESENTATIONS – Shortened

<u>FELLOWSHIPS</u>	Center for the Study of Traumatic Stress (CSTS) Doctoral Fellowship.
<u>PEER-REVIEWED PUBLICATIONS</u>	<p>Cook, J., Phillips, J., Paxton, M. M., Patel, A., Riggs, D. S., Koehlmoos, T. (2019). An examination of incidence rates of posttraumatic stress disorder in the United States Military: An examination of demographic and military characteristics. Manuscript submitted for publication.</p> <p>DeLeon, P. H., Paxton, M. M., Spencer, T., & Bajjani-Gebara, J. E. (2018). Research driven policy: is financial capacity related to dangerousness?. <i>Administration and Policy in Mental Health and Mental Health Services Research</i>, 45(4), 689-691.</p> <p>Paxton, M. M., Mallonee, S., Reo, G., Phillips, J., & Riggs, D. S. (2018). Training Providers in the Use of Evidenced-Based Practices. Manuscript submitted for publication.</p>
<u>PEER-REVIEWED BOOK CHAPTERS</u>	Paxton, M. , Tate, L., & Riggs, D. (in press). Application of cognitive behavioral therapy to a military population In A. Wenzel (Ed.), Chapter to appear in <i>Handbook of Cognitive Behavioral Therapy</i> . Washington, DC: American Psychological Association.

Riggs, D. S., **Paxton, M. M.**, Mallonee, S., Rosen, C., Wiltsey-Stirman, S., & Dorsey, S. (in press). Training and implementation of evidence-based psychotherapies for PTSD. Chapter to appear in D. Forbes, C. Monson, & L. Berliner (Eds.) *Effective Treatments for PTSD: Practice Guidelines from the International Society for Traumatic Stress Studies*, Third Edition.

TEACHING EXPERIENCE

Uniformed Services University of Health Sciences,

Department of Medical and Clinical Psychology: Bethesda, Maryland

October 2019 – Present *Research Methods II Co-Instructor*
 August 2019 – Present *Dissertation Seminar Co-Instructor*
 August 2019 – Nov 2019 *Research Methods I Senior Teaching Assistant*
 August 2018 – Nov 2018 *Research Methods I Teaching Assistant*
 August 2017 – Dec 2017 *Seminar Teaching Assistant*
 June 2017 – January 2018 *Public Policy Teaching Assistant*

National Intrepid Center of Excellence

Walter Reed Bethesda: Bethesda, Maryland

June 2017 – August 2017 *Sleep Class*

White County Domestic Violence Prevention

Hope Cottage Domestic Violence Shelter: Searcy, Arkansas

July 2013 – October 2013 *Weekend Advocate and Child Advocate*

Harding University: Searcy, Arkansas

August 2013 – Dec 2013 *Introduction to Psychology and Religion Teaching Assistant*
 January 2013 – May 2013 *Psychological Research Lab Assistant*
 August 2012 – Dec 2012 *Psychological Statistics Lab Assistant*

CLINICAL EXPERIENCE

June 2017 – May 2018 **National Intrepid Center of Excellence**
 Walter Reed Bethesda: Bethesda, Maryland

September 2016 – January 2018 **Uniformed Services University of Health Sciences, MPS**
 National Capital Simulation Center: Bethesda, Maryland

September 2014 – July 2016 **Uniformed Services University of Health Sciences, Department of Psychiatry**
 Center for the Study of Traumatic Stress: Bethesda, Maryland

May 2015 – December 2015 **University of Maryland College Park**
 Maryland Psychotherapy Clinic and Research Lab: College Park, Maryland

March 2013 – July 2014 **Methodist Family Health: Searcy, Arkansas**

February 2013 – April 2013; **White County Domestic Violence Prevention**

July 2013 – October 2013 **Hope Cottage Domestic Violence Shelter: Searcy, Arkansas**

December 2012 – Feb 2013 **Veterans Action Center: Searcy, Arkansas**

April 2013 **Harding University: Searcy, Arkansas**

USUHS LEADERSHIP

July 2019 – Present USUHS, PMB Strategic Growth Committee: Student Attendee

May 2019 – Present Psi Chi: President

June 2018 – May 2019 Biomedical Education Special Interest Group: Secretary

May 2018 – May 2019 Psi Chi: Vice President

June 2018 – May 2019 USUHS, MPS Civilian Teaching Assistant

January 2018 – March 2018 USUHS Assistant Dean Search Committee: Student Representative

August 2017 – May 2018 Psi Chi: Psi Chi Events Committee Co-Chair

August 2016 – May 2017 USUHS, MPS Student Advocacy Committee: First Year Representative



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BETHESDA, MARYLAND 20814-4712
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December 20, 2019

MEMORANDUM FOR RICHARD W. THOMAS, MD, DDS, FACS, PRESIDENT, USUHS

Through: Chair, Board of Regents

SUBJECT: Certification of Graduate Student

The graduate student listed below is presented for certification to receive the Master of Science in Public Health degree effective upon your approval:

Warner C. Wilson

MASTER OF SCIENCE IN PUBLIC HEALTH

Department of Preventive Medicine and Biostatistics

Attached is the candidate's certification of successful completion of the Final Examination. Also attached are the Thesis Approval Form, the certification of authorized use of Copyrighted materials, Thesis Title Page, Thesis Abstract, and Curriculum Vitae.

Arthur L. Kellermann, MD, MPH
Dean, USUHS, School of Medicine

Attachments:
As stated



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Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



**FINAL EXAMINATION/ PRIVATE DEFENSE FOR THE DEGREE OF MASTER OF SCIENCE IN
PUBLIC HEALTH IN THE DEPARTMENT OF PREVENTIVE MEDICINE AND BIOSTATISTICS**

Name of Student: Warner Wilson

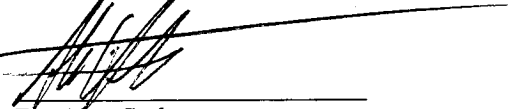
Date of Examination: June 25, 2019

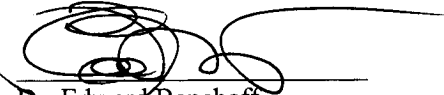
Time: 1:30 PM

Place: OEHS Conference Room

DECISION OF EXAMINATION COMMITTEE MEMBERS:

	PASS	FAIL
 Dr. Karyn J. Condie DEPARTMENT OF PREVENTIVE MEDICINE & BIOSTATISTICS Committee Chair	<u>X</u>	___

 Dr. Alex Stubner DEPARTMENT OF PREVENTIVE MEDICINE & BIOSTATISTICS Thesis Advisor	<u>X</u>	___
--	----------	-----

 Dr. Edward Benchoff DEPARTMENT OF PREVENTIVE MEDICINE & BIOSTATISTICS Committee Member	<u>X</u>	___
---	----------	-----

 Dr. Cody Schaal DEPARTMENT OF PREVENTIVE MEDICINE & BIOSTATISTICS Committee Member	<u>X</u>	___
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UNIFORMED SERVICES UNIVERSITY, SCHOOL OF MEDICINE GRADUATE PROGRAMS
Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



APPROVAL FOR THE MASTER OF SCIENCE IN PUBLIC HEALTH THESIS IN THE
DEPARTMENT OF PREVENTIVE MEDICINE AND BIostatISTICS

Title of Thesis: "Hazardous Carbon Monoxide and Carbon Monoxide Emissions from Roasted Coffee Beans"

Name of Candidate: Warner Wilson
Master of Science in Public Health
June 25, 2019

THESIS AND ABSTRACT APPROVED:

DATE:

Dr. Karyn J. Condie
DEPARTMENT OF PREVENTIVE MEDICINE & BIostatISTICS
Committee Chair

25 June 2019

Dr. Alex Stubner
DEPARTMENT OF PREVENTIVE MEDICINE & BIostatISTICS
Thesis Advisor

25 June 2019

Dr. Edward Benchhoff
DEPARTMENT OF PREVENTIVE MEDICINE & BIostatISTICS
Committee Member

25 June 2019

ANALYSIS

Digitally signed by
SCHAAL NICHOLAS.C 106329528
7
Date: 2019.12.05 17:14:26 -05'00'

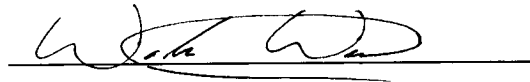
05 JUN 2019

Dr. Cody Schaal
DEPARTMENT OF PREVENTIVE MEDICINE & BIostatISTICS
Committee Member

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[Signature]

A handwritten signature in black ink, appearing to read 'Warner C. Wilson', is written over a horizontal line.

Warner C. Wilson

February 4, 2020

Carbon monoxide and carbon dioxide emissions from roasted coffee beans

by

Warner Charles Wilson

Thesis submitted to the Faculty of the
Preventive Medicine and Biostatistics Graduate Program
Uniformed Services University of the Health Sciences
In partial fulfillment of the requirements for the degree of
Master of Science in Public Health, 2019

ABSTRACT

Hazardous carbon monoxide and carbon dioxide emissions from roasted coffee beans

LT Warner C. Wilson
Master of Science in Public Health
2019

Thesis directed by: Dr. Alex H. Stubner, Ph.D., Assistant Professor, Department of Preventive Medicine and Biostatistics

Introduction: Navy ships and facilities commonly store large quantities of roasted coffee beans. There have been reports of sailors being adversely affected by carbon monoxide (CO) and carbon dioxide (CO₂) emissions from these beans. This creates a need for guidelines that will abate the risks associated with storage of roasted coffee.

Objective: Determine the emission rate of CO and CO₂ of different roasts of coffee beans at different temperatures, and to construct a model that predicts the amount of CO and CO₂ off-gassing given a known value of mass, roast, time from roast date, and storage temperature.

Methods: Coffee samples varying in mass, roast type, and storage temperature were monitored for 20 days with the Gasmet DX4040 FTIR (Fourier Transform Infrared Spectroscopy) gas analyzer to quantify the amount of CO and CO₂ generated.

Results: An increase in mass correlated with an increase in CO and CO₂ emissions; emissions ratio trends observed are light roasts emit a larger ratio of CO₂:CO than dark roasts, higher

storage temperature results in a lower emissions ratio of CO₂:CO, increasing mass lowers the emission ratio of CO₂:CO, and the emissions ratio of CO₂:CO slowly decreases overtime; average CO and CO₂ emissions generally increased with an increase in storage temperature; dark roasted coffee beans produce significantly more CO and CO₂ emissions than light roasts;

Conclusion: Further research is needed, but this experiment has collected enough data to conclude that a clear hazard exists and that large quantities of roasted coffee should not be stored in an unventilated and unmonitored storage space.

**CURRICULUM VITAE OF
Warner Charles Wilson**

PERSONAL

NAME: Warner C. Wilson

BORN: July 26, 1987

OBJECTIVE

To develop and deliver effective public health services and shape the future of force health protection programs to protect our military members and their beneficiaries.

EDUCATION

2005 - 2010 Bachelor of Science, Agricultural and Biological Engineering, University of Florida

2017 - 2019 Master of Science in Public Health, Uniformed Services University of the Health Sciences

PROFESSIONAL EXPERIENCE

August 2013 - June 2017

Industrial Hygiene Division Officer

Fleet and FMF Support Department

Navy Environmental Preventive Medicine Unit TWO

Norfolk, VA

Duties include leading and managing 8 Industrial Hygiene Officers in their professional development and in the delivery of public health services which contributed to the readiness of commands who directly support the NORTHCOM, SOUTHCOM, EUCOM, CENTCOM, and AFRICOM missions.

March 2015 - September 2015

Safety Officer

Public Health Services Directorate

USNS COMFORT (T-AH 20)

Duties included being the safety officer, being the Respiratory Protection Program Manager, and standing on the Infection Control Committee. I also spearheaded 40 tailor-made public health expert exchanges, reaching more than 900 health officials across 11

countries, providing best practices and the latest technology in water sanitation, waste water treatment, drinking water analysis, hazard exposure monitoring, and respiratory protection.

COLLATERAL DUTIES

- Victim and Witness Assistance Program Manager
- Voting Assistance Officer
- Assistant Safety Officer;
- CBRNE Officer
- Respiratory Protection Manager
- Command Fitness Leader
- Health Promotion Committee Member

PROFESSIONAL CERTIFICATIONS

01/11 Division Officer Leadership Course

09/13 Afloat Environmental Protection Coordinator

11/13 Industrial Noise

11/13 Emergency Preparedness Response Course

12/13 DoD Industrial Hygiene Exposure Assessment Model

12/13 Defense Occupational & Environmental Health Readiness System Initial Users' Course

01/14 FDPMU Readiness Category III Training FDPMU Orientation Course

01/14 Respiratory Protection Program Management

01/14 Electrical Standards

02/14 Introduction To Navy Occupational Safety And Health [Ashore] (Online)

04/14 Industrial Hygiene Techniques/Exposure Monitor Training

08/14 Fall Protection Systems

02/15 Afloat Safety Officer

AWARDS AND CERTIFICATES

02/16 Navy Achievement Medal

06/17 Navy Achievement Medal

SECURITY CLEARANCE

Secret



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712
usuhs.edu



December 20, 2019

MEMORANDUM FOR RICHARD W. THOMAS, MD, DDS, FACS, PRESIDENT, USUHS

Through: Chair, Board of Regents

SUBJECT: Certification of Graduate Student

The graduate student listed below is presented for certification to receive the Doctor of Philosophy degree effective upon your approval:

Kassandra S. Hunter

DOCTOR OF PHILOSOPHY

Emerging Infectious Diseases Graduate Program

Attached is the candidate's certification of successful completion of the Final Examination. Also attached are the Dissertation Approval Form, certification of authorized use of Copyrighted materials, Dissertation Title Page, Dissertation Abstract, and Curriculum Vitae.

Arthur L. Kellermann, MD, MPH
Dean, USUHS, School of Medicine

Attachments:
As stated



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

SCHOOL OF MEDICINE GRADUATE PROGRAMS

Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



**FINAL EXAMINATION/PRIVATE DEFENSE FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
IN THE EMERGING INFECTIOUS DISEASES GRADUATE PROGRAM**

Name of Student: Kasandra Hunter

Date of Examination: October 9, 2019

Time: 1:00 PM

Place: Room G255

DECISION OF EXAMINATION COMMITTEE MEMBERS:

PASS

FAIL

X

Dr. Edward Mitre
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Chairperson

X

Dr. Stephen J. Davies
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Dissertation Advisor

X

Dr. Brian Schaefer
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Member

X

Dr. Michael Hsieh
GEORGE WASHINGTON UNIVERSITY
Committee Member



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

SCHOOL OF MEDICINE GRADUATE PROGRAMS

Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



**APPROVAL OF THE DOCTORAL DISSERTATION IN THE EMERGING INFECTIOUS DISEASES
GRADUATE PROGRAM**

Title of Dissertation: "Characterization of the Metabolic Regulatory Protein 5'AMP-Activated Protein Kinase in the Human Parasite, *Schistosoma mansoni*: Analysis of Development Regulation, Function, and Therapeutic Potential"

Name of Candidate: Kasandra Hunter
Doctor of Philosophy Degree
October 9, 2019

DISSERTATION AND ABSTRACT APPROVED:

DATE:

Dr. Edward Mitre
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Chairperson

10/9/2019

Dr. Stephen J. Davies
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Dissertation Advisor

10/9/2019

Dr. Brian Schaefer
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Member

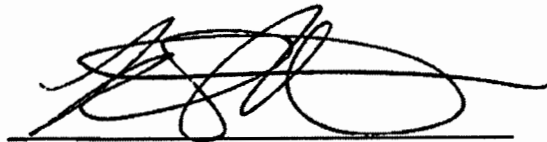
10/9/2019

Dr. Michael Hsieh
GEORGE WASHINGTON UNIVERSITY
Committee Member

10/9/19

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A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end, positioned above a solid horizontal line.

Kasandra S. Hunter

BOR Meeting: February 4, 2020

DISCLAIMER

The views presented here are those of the author and are not to be construed as official or reflecting the views of the Uniformed Services University of the Health Sciences, the Department of Defense or the U.S. Government.

TITLE & ABSTRACT

Title of Dissertation:

Characterization of the Metabolic Regulatory Protein 5' AMP-Activated Protein Kinase in the Human Parasite, *Schistosoma mansoni*: Analysis of Developmental Regulation, Function, and Therapeutic Potential

Kasandra Sadé Hunter, Doctor of Philosophy, 2019

Thesis directed by:

Stephen J. Davies, BVSc, PhD, Associate Professor

Department of Microbiology and Immunology, Department of Preventive Medicine and Biometrics, USUHS

Nearly 300 million people in roughly 70 countries suffer from schistosomiasis, an infectious disease caused by parasites known as schistosomes. Schistosomes are flatworms belonging to the genus *Schistosoma*, of which three species are of particular importance to humans: *Schistosoma mansoni*, *S. japonicum*, and *S. haematobium*. These parasitic platyhelminths have the ability to innocuously infect humans and cause chronic inflammation of major organs that often results in serious health complications or death. Despite causing over 200,000 deaths per year and the potential for over 600 million people to contract new infections daily just by living in endemic areas, schistosomiasis remains a neglected tropical disease due to the low-income regions it primarily affects that tend to be disregarded. In these neglected

populations, schistosomiasis often leads to detrimental outcomes for entire communities due to the disease's impact on perpetuating poverty cycles.

Currently there exists no method to prevent schistosomiasis, aside from avoiding infested fresh water- neither prophylactic, nor vaccine. Furthermore, of all the schistosomiasis therapeutics that have been considered in the past, only one has prevailed and is in widespread use to combat disease. Praziquantel, the current gold standard of treatment for schistosomiasis, while effective against all human-relevant *Schistosoma* species, is powerless against juvenile schistosomes and subsequently newly acquired infections. It is paramount that we add to the pool of therapeutics to treat schistosomiasis and, even more importantly, that these novel therapeutics be efficacious against all stages of the parasite life cycle. To achieve this, it is necessary to identify targets that are common amongst all schistosome species and developmental stages.

Regulation of energy metabolism is a process common in and essential to the survival of all organisms. Eukaryotes, in particular, have evolved to express a common protein that is essential to metabolic regulation and maintaining energy homeostasis, known as 5' AMP-Activated Protein Kinase (AMPK). Given the importance of this metabolic regulatory protein in eukaryotic organisms, we hypothesized that schistosomes express a 5' AMP-Activated Protein Kinase that is critical for the regulation of parasite metabolism and, thus, has the potential to serve as a novel therapeutic target. Here, we demonstrate that all stages of the schistosome life cycle possess this integral metabolic regulatory protein, albeit expression of the AMPK α gene is developmentally regulated. We show that the activity of schistosome-expressed AMPK is susceptible to modulation by external factors, indicating the potential for vulnerability to AMPK-targeted therapeutics. We illustrate that modulation of schistosome AMPK activity has downstream impacts on parasite glycolysis that are potentially mediated through regulation of

parasite glycogen stores. Finally, we demonstrate that inhibition of AMPK is detrimental for juvenile schistosomes, but not adult worms, suggesting prophylactic potential of this mechanism. Targeting parasite processes that regulate nutrient metabolism and energy homeostasis has the potential to be critical for disrupting transmission cycles, presenting innovative mechanisms for the development of novel schistosomiasis therapeutics.

Kasandra S. Hunter

| kas.hunt91@gmail.com

Education

PHD | DEFENDED: OCTOBER 2019 | UNIFORMED SERVICES UNIVERSITY

- Major: Microbiology (Concentration: Emerging Infectious Diseases)
- Dissertation: "Characterization of the Metabolic Regulatory Protein, 5' AMP-activated Protein Kinase in the Human Parasite *Schistosoma mansoni*: Analysis of Developmental Regulation, Function, and Therapeutic Potential"

B.S. | MAY 2013 | UNIVERSITY OF MARYLAND, COLLEGE PARK

- Major: Microbiology, Minor: French Studies

Technical Experience

PHD CANDIDATE/GRADUATE RESEARCHER | HENRY M. JACKSON FOUNDATION | 07/2016 – 10/2019

RESEARCH ASSOCIATE | UNIFORMED SERVICES UNIVERSITY | 07/2015 – 06/2016

PHYSICAL SCIENCE AID | NAVAL RESEARCH LABORATORY | 06/2012 – 08/2013

BACTERIOLOGY LAB INTERN | UNIVERSITY OF MARYLAND, COLLEGE PARK | 10/2012 – 05/2013

VIROLOGY LAB INTERN | UNIVERSITY OF MARYLAND, COLLEGE PARK | 05/2011 – 09/2011

Teaching Experience

BIOLOGY AND ALGEBRA SAT PREP TUTOR | STUDYPOINT | 01/2017 – 06/2017

AAAS STEM VOLUNTEER SUPPLEMENTAL INSTRUCTOR | WHEATON HIGH SCHOOL | 09/2015 – 05/2017

UNDERGRADUATE SUPPLEMENTAL INSTRUCTOR & TUTOR | ACADEMIC ACHIEVEMENT PROGRAM, UNIVERSITY OF MARYLAND COLLEGE PARK | 09/2011 – 05/2012

Peer-Reviewed Publications

- **Hunter, K.S.** and Davies, S.J. (2018). Host Adaptive Immune Status Regulates Expression of the Schistosome AMP-Activated Protein Kinase. *Frontiers in Immunology*. 9: 2699.
- **Hunter, K.S.**, Miller, A., Mentink-Kane, M., Davies, S.J. (2019). Schistosome AMPK is required for larval schistosome viability and regulates glycogen metabolism in adult parasites. Submitted to *PLoS Pathogens* on October 9, 2019.

Conference Presentations

- **Hunter, K.S.** and Davies, S.J. Introducing: *S. mansoni* AMP-Activated Protein Kinase (AMPK): Developmental Regulation, Activity, and Role in Schistosome Energy Metabolism. Oral presentation delivered at the 67th Annual American Society of Tropical Medicine and Hygiene Meeting, New Orleans, LA, October, 2018.
- **Hunter, K.S.** and Davies, S.J. Introducing: *S. mansoni* AMP-Activated Protein Kinase (AMPK): Developmental Regulation, Activity, and Role in Schistosome Energy Metabolism. Oral presentation delivered at the Symposium for International Research and Innovation in Schistosomiasis, Washington, DC, May, 2018.
- **Hunter, K.S.** and Davies, S.J. AMP-Activated Protein Kinase Expression, Regulation, and Activity in *Schistosoma mansoni*. Oral presentation delivered at the 66th Annual American Society of Tropical Medicine and Hygiene Meeting, Baltimore, MD, November, 2017.
- **Hunter, K.S.** and Davies, S.J. Interactions Between Host Immune Status and Parasite Metabolic Activity. Poster presentation delivered at the 65th Annual American Society of Tropical Medicine and Hygiene Meeting, Atlanta, GA, October, 2016.
- **Hunter, K.S.**, Fox, E., and Davies, S.J. Immune-Mediated Acquisition of Host Cholesterol and Fatty Acids by *Schistosoma mansoni*. Poster presentation delivered at Uniformed Services University Research Days Conference, Bethesda, MD, May, 2016.
- **Hunter, K.S.**, Fox, E., and Davies, S.J. Immune-Mediated Acquisition of Host Cholesterol and Fatty Acids by *Schistosoma mansoni*. Poster presentation delivered at the Symposium for International Research and Innovation in Schistosomiasis, Washington, DC, February, 2016.
- **Hunter, K.S.**, Fox, E., and Davies, S.J. Immune-Mediated Acquisition of Host Cholesterol and Fatty Acids by *Schistosoma mansoni*. Poster presentation delivered at the 64th Annual American Society of Tropical Medicine and Hygiene Meeting, Philadelphia, PA, October, 2015.

Honors and Awards

PREVENTIVE MEDICINE AND BIOMETRICS SANFORD AWARD FOR RESEARCH IN TROPICAL MEDICINE | UNIFORMED SERVICES UNIVERSITY | 05/2016

LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION IN RESEARCH SCHOLAR | UNIVERSITY OF MARYLAND, COLLEGE PARK | 09/2012

RONALD E. MCNAIR POST-BACCALAUREATE ACHIEVEMENT PROGRAM SCHOLAR | UNIVERSITY OF MARYLAND, COLLEGE PARK | 04/2011

BANNEKER KEY FULL ACADEMIC SCHOLARSHIP | UNIVERSITY OF MARYLAND, COLLEGE PARK | 08/2009



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4712
usuhs.edu



December 20, 2019

MEMORANDUM FOR RICHARD W. THOMAS, MD, DDS, FACS, PRESIDENT, USUHS

Through: Chair, Board of Regents

SUBJECT: Certification of Graduate Student

The graduate student listed below is presented for certification to receive the Doctor of Philosophy degree effective upon your approval:

Patrick T. LaBreck

DOCTOR OF PHILOSOPHY

Emerging Infectious Diseases Graduate Program

Attached is the candidate's certification of successful completion of the Final Examination. Also attached are the Dissertation Approval Form, certification of authorized use of Copyrighted materials, Dissertation Title Page, Dissertation Abstract, and Curriculum Vitae.

Arthur L. Kellermann, MD, MPH
Dean, USUHS, School of Medicine

Attachments:
As stated



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
SCHOOL OF MEDICINE GRADUATE PROGRAMS

Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



**FINAL EXAMINATION/PRIVATE DEFENSE FOR THE DEGREE OF DOCTOR OF
PHILOSOPHY IN THE EMERGING INFECTIOUS DISEASES GRADUATE PROGRAM**

Name of Student: Patrick T. LaBreck

Date of Examination: October 28, 2019

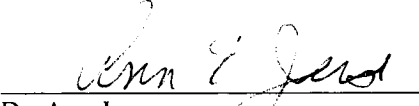
Time: 1:30 PM

Place: Room B4004

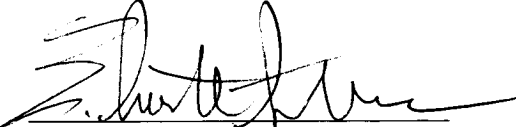
DECISION OF EXAMINATION COMMITTEE MEMBERS:

	PASS	FAIL
 Dr. Kristi L. Frank DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY Committee Chairperson	<input checked="" type="checkbox"/>	<input type="checkbox"/>

 Dr. D. Scott Merrell DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY Dissertation Advisor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

 Dr. Ann Jerse DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY Committee Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

 Dr. Edward Mitre DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY Committee Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

 Dr. E. Scott Stibitz LABORATORY OF MUCOSAL PATHOGENS & CELLULAR IMMUNOLOGY, FDA Committee Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

SCHOOL OF MEDICINE GRADUATE PROGRAMS

Graduate Education Office (A 1045), 4301 Jones Bridge Road, Bethesda, MD 20814



**APPROVAL OF THE DOCTORAL DISSERTATION IN THE EMERGING INFECTIOUS DISEASES
GRADUATE PROGRAM**

Title of Dissertation: "Insight into the Biology of Antiseptic Resistance in *Staphylococcus aureus*"

Name of Candidate: Patrick T. LaBreck
Doctor of Philosophy Degree
October 28, 2019

DISSERTATION AND ABSTRACT APPROVED:

DATE:

11/1/19

Dr. Kristi L. Frank
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Chairperson

10/28/19

Dr. D. Scott Merrell
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Dissertation Advisor

10/28/19

Dr. Ann Jerse
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Member

10/28/19

Dr. Edward Mitre
DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY
Committee Member

10/28/19

Dr. E. Scott Stibitz
LABORATORY OF MUCOSAL PATHOGENS & CELLULAR IMMUNOLOGY, FDA
Committee Member

COPYRIGHT STATEMENT

The author hereby certifies that the use of any copyrighted material in the dissertation manuscript entitled: “Insight into the Biology of Antiseptic Resistance in *Staphylococcus aureus*” is appropriately acknowledged and, beyond brief excerpts, is with the permission of the copyright owner.

[Signature]



Patrick Tracy LaBreck

February 4, 2020

DISCLAIMER

The views presented here are those of the author and are not to be construed as official or reflecting the views of the Uniformed Services University of the Health Sciences, the Department of Defense or the U.S. Government.

Insight into the Biology of Antiseptic Resistance in *Staphylococcus aureus*

by

Patrick Tracy LaBreck

Dissertation submitted to the Faculty of the
Emerging Infectious Diseases Graduate Program
Uniformed Services University of the Health Sciences
In partial fulfillment of the requirements for the degree of
Doctor of Philosophy 2019

ABSTRACT

Insight into the Biology of Antiseptic Resistance in *Staphylococcus aureus*:

Patrick Tracy LaBreck, Doctor of Philosophy, 2019

Thesis directed by: D. Scott Merrell, Ph.D., Professor, Department of Microbiology and Immunology

Staphylococcus aureus has coevolved with humans for thousands of years. The ubiquitous presence of *S. aureus* on the skin and in the environment results in high rates of human exposure to this formidable pathogen. To limit infections caused by *S. aureus*, humans have enlisted antiseptics for over 100 years. Two antiseptics that are used universally in healthcare facilities are chlorhexidine and quaternary ammonium compounds. Given their high rates of usage, decreased *S. aureus* susceptibility to these compounds has been identified and is associated with the presence of specific multidrug efflux pumps, such as QacA, QacC, and NorA. Although these pumps have been studied individually in different *S. aureus* backgrounds, little is known about the phenotype of strains that possess all three efflux pumps, or the expression of these genes after exposure to subinhibitory antiseptic compounds. Given the presence of all three pumps in clinical isolates, we hypothesized that such a strain would have increased resistance to certain antiseptics. To address this hypothesis, we engineered isogenic strains of *S. aureus* that harbored the aforementioned efflux pumps individually or in different combinations and

then tested their resistance to a panel of antiseptic compounds. Indeed, we demonstrated that carrying all three efflux pumps increased protection to a commonly used antiseptic. Furthermore, we showed preexposure to one antiseptic can subsequently increase tolerance to a different antiseptic.

In *S. aureus*, QacA is the prototypical antiseptic resistance-mediating efflux pump. Although epidemiological studies have identified the prevalence of *qacA*-positive *S. aureus* strains within defined populations, little is known about the genetic background of these strains. We hypothesized that *S. aureus* isolates that harbored *qacA* would carry *qacA* on different plasmid backbones. To address our hypothesis, we characterized the plasmids from known *qacA*-positive *S. aureus* clinical and colonizing isolates. Genomic comparisons between strains identified *qacA* on a variety of plasmids, one of which, we demonstrated, could transfer *qacA* via conjugation. This work identified the first mechanism of *qacA* transmission among *S. aureus* strains and showed that *qacA* was present on multiple plasmid backbones. *En masse*, this dissertation provides critical insight into the biology of antiseptic resistance in *S. aureus*.

Patrick Tracy LaBreck
patricklabreck@gmail.com
(307) 751-9483
Address:

Education:

Uniformed Services University: Ph.D. candidate in Emerging Infectious Diseases, August 2014-Defense Date, November 8th 2019.

National Institutes of Health, Foundation for Advanced Education in the Sciences: Technology Transfer Program, Completed April 2019

University of Wyoming: Bachelor of Science in Microbiology, December 2013

Experience:

Graduate Student-Henry M Jackson Foundation

August 2017-Present

Research Associate AD-0401-00

August 2015-August 2017

Department of Microbiology, Uniformed Services University

- Analyzed the genetic transfer of antiseptic resistance genes and characterized antiseptic efflux pumps in *Staphylococcus aureus*. Determined the first mechanism for horizontal gene transfer of the antiseptic resistance gene (*qacA*) within *S. aureus*. Mentored and managed three high school students and two PhD rotation students.

Assistant Research Scientist

Wyoming State Veterinary Lab, University of Wyoming

January 2014-July 2014

Field Technician

Wyoming State Veterinary Lab, University of Wyoming

June 2013-August 2013

Research Assistant

Department of Molecular Biology, University of Wyoming

January 2012-December 2013

Selected Activities and Honors:

President of The American Society for Microbiology USUHS student chapter, 2018-Present

Student Representative-USUHS Joint Patent and Technology Review Group (JPTRG) 2017-Present

Student Representative- Graduate Education Brainstorming Group 2018

Medical Microbiology Lab Instructor 2016, 2018

Honors

- Honorable Mention-HJF Fellowship Award, 2019
- USU Research Day's Platform Presentation Winner, 2017
- President's List, 2013

- Provost's List, 2013
- Dean's List, 2012

Professional Societies:

American Society for Microbiology, 2013, 2017-present
International Society for Plasmid Biology, 2018

Publications:

1. P.T. LaBreck, Z. Li, K.P. Gibbons, D.S. Merrell. Conjugative and replicative biology of the *Staphylococcus aureus* antimicrobial resistance plasmid, pCo2. 2019. *Plasmid*
2. P.T. LaBreck, G.K. Rice, A.C. Paskey, E.M. Ellassal, R.Z. Cer, N.N. Law, C.D. Schlett, J.W. Bennett, E.V. Millar, M.W. Ellis, T. Hamilton, K.A. Bishop-Lilly, D.S. Merrell. Conjugative Transfer of a Novel Staphylococcal Plasmid Encoding the Biocide Resistance Gene, *qacA*. 2018. *Frontiers in Microbiology* 9:2664
3. R.C. Johnson, M.W. Ellis, C.D. Schlett, E.V. Millar, P.T. LaBreck, D. Mor, E.M. Ellassal, J.B. Lanier, C.L. Redden, T. Cui, N. Teneza-Mora, D.K. Bishop, E.R. Hall, K.A. Bishop-Lilly, D.S. Merrell. 2016. Bacterial etiology and risk factors associated with cellulitis and purulent skin abscesses in military trainees. *PLOS ONE* 11:10
4. M.D. Gray, S.R. Leonard, D.W. Lacher, K.A. Lampel, M.T. Alam, J.G. Morris, A. Ali, P.T. LaBreck, A.T. Maurelli. 2015. Stx-producing *shigella* species from patients in Haiti: An emerging pathogen with the potential for global spread. *Open Forum Infectious Diseases* 2:4

Selected Presentations:

Oral Presentations:

1. P.T. LaBreck, D.S. Merrell. "Efflux mediated antiseptic resistance in *Staphylococcus aureus*." Senior Student Seminar Series, Uniformed Services University, Bethesda, MD, April 2019.
2. P.T. LaBreck. "Careers in Microbiology" STEM Day, Don Bosco Cristo Rey High School, Takoma Park, MD, March 2019
3. P.T. LaBreck, D.S. Merrell. "Insight into the conjugative plasmid transfer systems in *S. aureus*." Senior Student Seminar Series, Uniformed Services University, Bethesda, MD, May 2018.
4. P.T. LaBreck, G.K. Rice, A.C. Paskey, E.M. Ellassal, R.Z. Cer, N.N. Law, C.D. Schlett, J.W. Bennett, E.V. Millar, M.W. Ellis, T. Hamilton, K.A. Bishop-Lilly, and D.S. Merrell. Conjugative Transfer of a Novel Staphylococcal Plasmid Encoding the Biocide Resistance Gene, *qacA*. Uniformed Services University's Research Days Platform Presentation. Bethesda, MD, May 2017.

Poster Presentations:

1. P.T. LaBreck, Z. Li, D.S. Merrell. "Molecular characterization of the conjugative *qacA*-positive plasmid pCo2." Plasmid Biology Conference, Seattle, WA, August 2018.
2. P.T. LaBreck, G.K. Rice, A.C. Paskey, E.M. Ellassal, R.Z. Cer, N.N. Law, C.D. Schlett, J.W. Bennett, E.V. Millar, M.W. Ellis, T. Hamilton, K.A. Bishop-Lilly, and D.S. Merrell. Conjugative Transfer of a Novel Staphylococcal Plasmid Encoding the Biocide Resistance Gene, *qacA*. ASM Microbe New Orleans, LA, June 2017.

TAB 12

Degree Conferrals

Inouye Graduate School of Nursing



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

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BETHESDA, MARYLAND 20814-4799

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BOARD OF REGENTS

Candidates Presented for Certification for the Doctor of Philosophy

Pamela J. Weber



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
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January 3, 2020

MEMORANDUM FOR PRESIDENT, USU

THROUGH: CHAIR, BOARD OF REGENTS

SUBJECT: Certification of Doctoral Student

The graduate student listed below is presented for certification to receive the Doctor of Philosophy effective upon your approval:

PAMELA WEBER
DOCTOR OF PHILOSOPHY
DOCTOR OF NURSING SCIENCE PROGRAM

Attached is the candidate's Certification of Successful Completion of the Final Examination. Also attached are the Dissertation Approval Form, Certification of Authorized use of Copyrighted Materials, Dissertation Abstract, Dissertation Title Page and Curriculum Vitae.

Carol A. Romano PhD, RN, FAAN

Dean and Professor

**GSN PhD Program in Nursing Science
PhD Degree Certification**

NAME: Pamela Weber

Degree Date: February 2020

Total Course Units: **GPA:** 3.745 **Credits:** 100

Date passed dissertation proposal oral examination: 11 October 2018

Date passed dissertation oral defense: 11 December 2019

Date dissertation accepted by the GSN: 3 January 2020

I certify that the above named student has fulfilled all requirements for the PhD degree.

Chairperson:

Dr. Marguerite Engler

Signature: ENGLER.MARGUERITE.
MARYANNE.1541733740
Digitally signed by
ENGLER.MARGUERITE.1541733740
Date: 2020.01.03 10:12:08 -05'00'

Approved/Disapproved

Director, Doctoral Program: ENGLER.MARY.BERNADETTE.1541917485
Digitally signed by
ENGLER.MARY.BERNADETTE.1541917485
Date: 2020.01.03 10:17:08 -05'00' **Date:** 01/03/20

Mary B. Engler PhD, RN, MS, FAHA

Approved/Disapproved

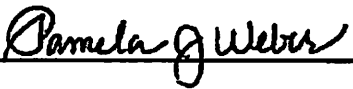
Dean, Graduate School of Nursing: Carol A. Romano **Date:** 1/9/2020

Carol A. Romano PhD, RN, FAAN

Dean and Professor

COPYRIGHT STATEMENT

The author hereby certifies that the use of any copyrighted material in the dissertation manuscript entitled: Effects of Simulation on Nursing Students' Transfer of Knowledge to Clinical Practice is appropriately acknowledged and, beyond brief excerpts, is with the permission of the copyright owner.

A handwritten signature in cursive script, reading "Pamela J. Weber", is written over a solid horizontal line.

Pamela J. Weber

February 4, 2020

**EFFECTS OF SIMULATION ON NURSING STUDENTS' TRANSFER OF KNOWLEDGE
TO CLINICAL PRACTICE**

by

Pamela J. Weber

**Dissertation submitted to the Faculty of the
School of Nursing Graduate Program
Uniformed Services University of the Health Sciences
In partial fulfillment of the requirements for the degree of
Doctor of Philosophy in Nursing Science 2020**

ABSTRACT

Effects of Simulation on Nursing Students' Transfer of Knowledge to Clinical Practice

Pamela J. Weber, Doctor of Philosophy in Nursing Science, 2020

Dissertation directed by: Marguerite M. Engler, PhD, RN, FAHA, Professor, Graduate School of Nursing

Patient safety is a central responsibility of nurses who signify the leading group of healthcare providers. Ongoing patient monitoring, an important process for error recognition and the deterrence of adverse events, requires knowledge, attentiveness, and responsiveness on the part of the nurse. Hospitalized patients are vulnerable and need nurses who are proficient in delivering safe and effective high-quality care. The education and preparation of nursing students for professional practice is of the utmost importance. Nursing students must be able to access knowledge acquired in the classroom and use that information in clinical practice to care for patients in a safe, effective, and efficient manner. Knowledge and skills transferability to the clinical arena post simulation-based teaching are currently poorly understood in nursing. Educational efforts such as simulation need to be evaluated for their effectiveness in nursing students' transfer of knowledge and skills to practice. Understanding what educational interventions will lead to enhanced preparation and competency of nursing students will promote optimal care and better patient outcomes. The purpose of this research was to determine the effect of high-fidelity simulation compared to case-based teaching in nursing student education

on transfer of knowledge and skills to clinical practice. This randomized, experimental design study with repeated measures included a sample of 38 junior and senior level nursing students. The effectiveness of simulation and case-based teaching was compared with a multiple-choice questionnaire (MCQ) on evaluation and management of deteriorating patient condition with myocardial infarction before, immediately after, and 3-weeks post-intervention and with a performance evaluation tool. Overall knowledge scores increased in both the simulation and case study groups over time, but there was no difference between the two groups. The results also demonstrated that students' application of knowledge and skills to clinical practice in both groups were not different. These findings demonstrate that both learning strategies are effective in the transfer of knowledge and skills to clinical practice in nursing students managing a life-threatening patient condition in a simulated environment. Future research should focus on comparing the effect of simulated events on clinical skills/knowledge using larger sample sizes in different organizations and types of programs.

Pamela J. Weber, M.S., R.N.

Robert Wood Johnson Foundation Future of Nursing Scholar

4253 Boulder Pond Drive

Ann Arbor, Michigan, 48108

(734) 668-1925

pjweb@sbcglobal.net

EDUCATION

Uniformed Services University of the Health Sciences, Bethesda, MA

Expected 2020

Graduate School of Nursing

PhD Student

University of Michigan, Ann Arbor, MI

Master of Science Degree in Nursing Business & Health Systems

August 2008

Thesis: "Evidence-Based Development of a Pediatric Voiding Cystourethrogram Teaching Tool"

Eastern Michigan University, Ypsilanti, MI

Bachelor of Science Degree in Nursing

April 1988

PROFESSIONAL POSITIONS

University of Michigan School of Nursing, Ann Arbor, MI

Adjunct Clinical Instructor (3 year term)

9/2014-8/2020

- Collaboration and faculty consultation

Department of Veterans Affairs Ann Arbor Healthcare System, Ann Arbor, MI

Associate Chief Nurse of Education/Simulation Center Director

5/2015-Present

- Nurse Professional Standards Board
- Director of VAAHS Post Baccalaureate Nurse Residency program
- Director of VAAHS Veterans Affairs Learning Opportunities Residency program
- Leadership and management of educational improvement programs for nursing
- Consultant to medical center staff and greater community in areas of educational processes
- Oversee all instructional and operational aspects of the Simulation Center

Recruitment and Academic Programs Coordinator/Simulation Center Director **1/2014-5/2015**

- Leadership and management of Nurse Recruitment & Retention program
- Leadership and management of Veterans Affairs Learning Opportunities Residency program and VA Post Baccalaureate Nurse Residency program
- Responsible for designing, initiating, and managing a new Simulation Center
- Provided educational services to VAAHS employees
- Planned, designed, and implemented annual VAAHS Nurses Week celebration for greater than 500 nurses

Recruitment/Project Manager, Nursing Resource Pool

12/2011-1/2014

- Leadership and management of Nurse Recruitment & Retention program
- Designed, established, and managed all aspects of a Nursing Resource Pool
- Provided educational services to VAAHS employees
- Planned, designed, and implemented annual VAAHS Nurses Week celebration for greater than 500 nurses

Nurse Recruitment	2/2009-12/2011
<ul style="list-style-type: none"> Developed, initiated, and managed all aspects of a Nurse Recruitment & Retention program for the VA Ann Arbor Healthcare System Provided educational services to VAAHS employees Planned, designed, and implemented annual VAAHS Nurses Week celebration for greater than 500 nurses 	
<i>University of Michigan Hospital and Health Centers, Ann Arbor, MI</i>	
Emergency Department Clinical Nurse Level E	6/2008-2/2009
<ul style="list-style-type: none"> Performed Registered Nurse duties to adult and pediatric patients Charge nurse and preceptor 	
Mott PACU Clinical Nurse Level E	1/2005-6/2008
<ul style="list-style-type: none"> Performed Perioperative Registered Nurse duties to pediatric patients Charge nurse and preceptor Urology Lead Coordinator 	
<i>Chelsea Community Hospital, Chelsea, MI</i>	
Emergency Department Clinical Nurse	1/2003-1/2005
<ul style="list-style-type: none"> Performed Registered Nurse duties to adult and pediatric patients Charge nurse and preceptor 	
<i>Pfizer Pharmaceutical Company, Ann Arbor, MI</i>	
Occupational Health Nurse	12/2001-1/2003
<ul style="list-style-type: none"> Performed Registered Nurse duties to adult colleagues at Pfizer 	
<i>Health Industry Professionals, Novi, MI</i>	
Agency Nurse	6/2001-12/2001
<ul style="list-style-type: none"> Occupational Health Nurse, Pfizer Pharmaceutical Company, Ann Arbor, MI Performed Registered Nurse duties to adult colleagues at Pfizer 	
<i>University of Michigan Hospital and Health Centers, Ann Arbor, MI</i>	
Emergency Department Pediatric Clinical Nurse	12/2000-1/2002
<ul style="list-style-type: none"> Performed Registered Nurse duties to pediatric patients Charge nurse and preceptor 	
<i>Michigan Visiting Nurses, Ann Arbor, MI</i>	
Home Care Registered Nurse	9/1999-9/2000
<ul style="list-style-type: none"> Provided Registered Nurse duties to adult and pediatric patients I.V. Certification 	
<i>Saint Joseph Mercy Hospital, Ann Arbor, MI</i>	
Radiology Department Special Procedure Nurse	4/1999-8/1999
<ul style="list-style-type: none"> Performed Registered Nurse duties to patients in Radiology Charge nurse 	
Registered Nurse Pediatric Emergency Room/Urgent Care	11/1997-8/1999
<ul style="list-style-type: none"> SJMH, Novi Center (1/1998-3/1999), SJMH, Ann Arbor (11/1997-8/1999) Performed Registered Nurse duties to pediatric patients Charge nurse and preceptor 	

Oakwood Hospital Beyer Center

Emergency Department Clinical Nurse

1/1996-11/1997

- Performed Registered Nurse duties to adult and pediatric patients
- Charge nurse and preceptor

Saint Joseph Mercy Hospital, Ann Arbor, MI

Operating Room Clinical Nurse, Orthopedic Group Practice

3/1994-12/1996

- Performed Perioperative Registered Nurse duties to adult and pediatric patients
- Charge nurse and preceptor

Clinical Nurse II Academic Internal Medicine Associates (AIMA) Unit

5/1988-3/1994

Medical/Surgical Primary and Specialty Care

- Performed Registered Nurse duties to adult patients
- Charge nurse and preceptor
- Emergency Coordinator

HOSPITAL COMMITTEES & UNIT ACTIVITIES

- Member, VAAHS Workforce Development Board, 2018-Present
- Member, Employee Education Advisory Committee, 2015-Present
- Chair, Academic Affiliations Committee, 2015-Present
- Member, VAAHS Health Professions Education Committee, 2015-Present
- Chair, VAAHS Post Baccalaureate Nurse Residency Advisory Board, 2014-Present
- Member, VAAHS Nurse Executive Board, 2010-Present
- Member, VAAHS Resource Board, 2016-2018
- Member, VAAHS Relationship Based Care Results Council, 2015-2018
- Member, VHA Post Baccalaureate Nurse Residency Curriculum Committee, 2014-2016
- Member, Staffing Methodology Facility Expert Panel, 2011-2016
- Chair, VAAHS Nurse Retention and Recognition Committee, 2009-2015
- Member, VISN 11 Workforce Development Board, 2010-2012
- Member, VAAHS Executive Quality Leadership Board, 2010-2012
- Member, HR Collaborative System Redesign Team, 2009-2011
- University of Michigan Health Science Scholars Program, 2006-2008
- Service Leader for Urology, 2007-2008
- Member, Mott PACU Quality Improvement Committee, 2007-2008
- Member, Mott PACU Clinical Practice Committee, 2005-2007
- Preceptor/Mentor for Nursing Students, 2005-2006

AWARDS & PROFESSIONAL HONORS

- The Robert Wood Johnson Foundation Future of Nursing Scholarship Award, July 2016
- Certificate of Special Congressional Recognition, May 2016
- VISN 11 Secretary's Award for Excellence in Nursing, May 2016
- VA Ann Arbor Healthcare System Secretary's Award for Excellence in Nursing, May 2016
- VA Ann Arbor Healthcare System Nurse Excellence Award nominee, May 2014
- VA Ann Arbor Healthcare System and Federal Government Exemplary Public Service Award, May 2012
- University of Michigan Super Award for providing excellent customer service 2006, 2007, 2008, 2009
- University of Michigan Professional Framework Level E, April 2008

- University of Michigan Professional Framework Level D, April 2007

PROFESSIONAL SOCIETY MEMBERSHIPS

- Member, Society for Simulation in Healthcare 2018-Present
- Member, Michigan Nurses Association, 2005-Present
- Sigma Theta Tau International Nursing Honor Society, 2007-Present
- Member, University of Michigan Nursing Alumni Association, 2008-Present
- Member, University of Michigan Alumni Association, 2008-Present

INNOVATION, RESEARCH, CONTINUOUS QUALITY IMPROVEMENT

- **Weber, P.** (2019). Effects of Simulation on Nursing Students' Transfer of Knowledge to Clinical Practice. Unpublished Doctor of Philosophy's Dissertation, Uniformed Services University of the Health Sciences, Bethesda, Maryland
- Coauthor of Office of Academic Affiliations Post Baccalaureate Nurse Residency Program Standardized Curriculum on Business of Healthcare, 2019
- Directed VA Ann Arbor Healthcare System Simulation Center Educational Program, 2016
- Designed Central Nurse Orientation Simulation Teaching Program, 2016
- Author of VA Ann Arbor Healthcare System Strategic Plan to Develop a Post Baccalaureate Nurse Residency Handbook Abstract, 2015
- Contributing Author of VA Strategic Plan to Develop a Nationally Standardized PBNR Curriculum Using Curricular Dialogues in a Virtual Environment Abstract, 2015
- Coauthor of Office of Academic Affiliations Post Baccalaureate Nurse Residency Program Standardized Curriculum on Evidence Based Skin Care, 2015
- Coauthor of Office of Academic Affiliations Post Baccalaureate Nurse Residency Program Standardized Curriculum on Medication Administration, 2015
- Coauthor of Office of Academic Affiliations Post Baccalaureate Nurse Residency Program Standardized Curriculum on Infection Control, 2015
- Author of the VA Ann Arbor Healthcare System Post Baccalaureate Nurse Residency Handbook, 2014, 2015, 2016, 2017, 2018, 2019
- **Weber, P.** (2009). Evidence-Based Development of a Pediatric Voiding Cystourethrogram Teaching Tool. Unpublished Master's Thesis, University of Michigan, Ann Arbor, Michigan
- Data Collection for Mott PACU Studies, 2005-2008
- Directed Mott PACU Nurse Time Study, 2006-2007
- Directed Mott PACU Nurse Time Study II, 2007-2008
- Research Assistant University of Michigan, School of Nursing, 3/2006-9/2006
- Quality Improvement Audits, 2006-2008
- Nursing Internship with Director of New Children and Women's Hospital, data collection and analysis for Workforce Planning Group, 1/2008-4/2008
- Research and development of an evidence-based pediatric voiding cystourethrogram teaching tool for the following departments; Urology, Radiology, Mott PACU, 2007-2008

PRESENTATIONS

- VA Ann Arbor Healthcare System Simulation Center Opening Ceremony - The Future of Simulation, Ann Arbor, MI February 2016

- VA Ann Arbor Health Care System Strategic Plan to Develop a Post Baccalaureate Nurse Residency Handbook - VA Nursing Academic Partnerships: Transforming Nursing Education, Chicago, IL April 2016

LICENSURE

- Registered Nurse, Michigan - Permanent I.D. No.4704169887 Expiration 9/02/21



GSN PhD Program in Nursing Science

Dissertation Defense

Doctor of Philosophy Degree

NAME: PAMELA WEBER, RN, BSN, MS

TITLE: EFFECT OF SIMULATION ON NURSING STUDENTS' TRANSFER OF KNOWLEDGE TO CLINICAL PRACTICE

Date of Defense: 12/11/19 from 10^{AM} to 11^{AM}

The decision of the Dissertation Committee is:

PASS

- A. Both the dissertation and the oral defense are satisfactory: _____
- B. Minor changes are recommended by the Dissertation Committee that is to be made to the satisfaction of the Dissertation Chairperson: ☒

DEFER

- A. Major changes in the dissertation are required. Changes must be made to the satisfaction of the Dissertation Chairperson: _____
- B. Major changes in the dissertation are required. Changes must be made to the satisfaction of the Dissertation Committee and at that time the oral defense will be rescheduled: _____

FAIL: Neither the oral performance nor the dissertation is adequate: _____

SIGNATURES OF THE COMMITTEE:

Chairperson: DR. MARGUERITE ENGLER Signature: Marguerite Engler

Member: Dr Keith Essen Signature: Keith Essen

Member: Dr Diane Seibert Signature: Diane Seibert

Member: Dr. Virginia Blackman Signature: Virginia Blackman
BLACKMAN

Approval/Disapproval

Director, Doctoral Program: Ally B. Engler PhD Date: 12/19/19

Approval/Disapproval

Dean, Graduate School of Nursing: Diane Seibert Date: 12/19/2019



GSN PhD Program in Nursing Science

Dissertation Defense

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SIGNATURES OF THE COMMITTEE:

Chairperson: DR. MARGUERITE M. ENGES Signature: Marguerite M. Enges PhD, RN, FAHA

Member: DOUGLAS E. PAUL, MD Signature: Douglas E. Paul M.D.

Member: _____ Signature: _____

Member: _____ Signature: _____

Approval/Disapproval

Director, Doctoral Program: May 13, 2019 Date: 12/19/19

Approval/Disapproval

Dean, Graduate School of Nursing: for Diane Dean Date: 12/19/2019

TAB 13

Faculty Appointments and Promotions
Hébert School of Medicine



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

OFFICE OF THE DEAN
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4799
www.usuhs.edu



January 7, 2020

MEMORANDUM FOR BOARD OF REGENTS

SUBJECT: Faculty Appointments

The attached are recommendations made by the Committee of Appointments, Promotions and Tenure at a meeting on December 4th, 2019. In addition, the hiring search Committee of Appointments, Promotions and Tenure equivalent recommends Paul Crawford, M.D. for a faculty appointment as laid out in the USU Instructions 1107A. I recommend that you approve these recommendations and forward them to the President of the University for further action.

Sincerely,

Arthur L. Kellermann, MD, MPH
Professor and Dean, School of Medicine

Attachments

PROPOSED FACULTY RECOMMENDATIONS

February 4, 2020

BOR LIST

DEPARTMENT/NAME	PROPOSED RANK	ACTION/CURRENT DUTY STATION
<u>Primary Appointments</u> <u>(Billeted)</u>		
<i><u>FAMILY MEDICINE</u></i>		
CRAWFORD, Paul MD	Professor With Tenure	Appointment/ USUHS
<i><u>MEDICAL AND CLINICAL PSYCHOLOGY</u></i>		
HOLLOWAY, Marjan PhD	Professor With Tenure	Promotion/ USUHS
<i><u>PEDIATRICS</u></i>		
KIMBALL-EAYRS, Catherine COL, MC, USA	Clinical Associate Professor Non-Tenured	Promotion/ USUHS
SEIDE, Witzard LCDR, USPHS	Clinical Associate Professor Non-Tenured	Promotion/ USUHS
<i><u>SURGERY</u></i>		
GRANITE, Guinevere PhD	Associate Professor Non-Tenured	Promotion/ USUHS
<u>Primary Appointments</u> <u>(Non-Billeted)</u>		
<i><u>MEDICINE</u></i>		
CONVERTINO, Victor PhD	Adjunct Professor Non-Tenured	Appointment/ Ft. Sam Houston, TX
DAVIS, Konrad CAPT, MC, USN	Associate Professor Non-Tenured	Promotion/ San Diego, CA

DEPARTMENT/NAME	PROPOSED RANK	ACTION/CURRENT DUTY STATION
HAMMAMIEH, Rasha PhD	Adjunct Professor Non-Tenured	Appointment/ Fort Detrick, MD
SEAM, Nitin MD	Clinical Professor Non-Tenured	Appointment/ Bethesda, MD
SOLOMON, Michael MD	Adjunct Professor Non-Tenured	Appointment/ Bethesda, MD
<u><i>MILITARY AND EMERGENCY MEDICINE</i></u>		
MEESE, Michael PhD	Adjunct Professor Non-Tenured	Appointment/ Oak Hill, VA
<u><i>PEDIATRICS</i></u>		
ADAMS, Karla Lt Col, USAF, MC	Associate Professor Non-Tenured	Promotion/ JBSA Lackland AFB,
BLEVINS, Benjamin CDR, MC, USN	Clinical Associate Professor Non-Tenured	Promotion/ San Diego, CA
KUNZ, Anjali LTC, MC, USA	Associate Professor Non-Tenured	Promotion/ University Place, WA
<u><i>PSYCHIATRY</i></u>		
HERBERMAN-MASH, Holly PhD	Research Associate Professor Non-Tenured	Promotion/ North Potomac, MD
NAIFEH, James PhD	Research Associate Professor Non-Tenured	Promotion/ Bethesda, MD
<u><i>SURGERY</i></u>		
BRYANT, Brandon MD	Adjunct Associate Professor Non-Tenured	Promotion/ Fairfax, VA
DAVIS, Michael Col, USAF, MC	Professor Non-Tenured	Promotion/ Ft. Detrick, MD
ECKEL, Tobin LTC, MC, USA	Associate Professor Non-Tenured	Promotion/ Bethesda, MD
GIANESINI, Sergio MD	Adjunct Associate Professor Non-Tenured	Promotion/ Ferrara, Italy

DEPARTMENT/NAME	PROPOSED RANK	ACTION/CURRENT DUTY STATION
HOFMEISTER, Elizabeth CAPT, MC, USN	Associate Professor Non-Tenured	Promotion/ San Diego, CA
IAFRATI, Mark MD	Adjunct Associate Professor Non-Tenured	Promotion/ Boston, MA
PROVIDENCE, Bertram MD, MBA	Adjunct Professor Non-Tenured	Appointment/ Honolulu, HI
SAUTER, Edward MD, PhD	Adjunct Professor Non-Tenured	Appointment/ Rockville, MD
WEST, Robin MD	Adjunct Associate Professor Non-Tenured	Appointment/ Fairfax, VA

Secondary Appointments
(Billeted)

ANATOMY, PHYSIOLOGY
AND GENETICS

GRANITE, Guinevere PhD	Associate Professor Non-Tenured	Promotion/ USUHS
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PSYCHIATRY

HOLLOWAY, Marjan PhD	Professor Non-Tenured	Promotion/ USUHS
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PREVENTIVE MEDICINE
AND BIOSTATISTICS

KELLERMANN, Arthur MD, MPH	Professor Non-Tenured	Appointment/ USUHS
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Secondary Appointments
(Non- Billeted)

MOLECULAR AND
CELL BIOLOGY

JACOBSON, Kenneth PhD	Adjunct Professor Non-Tenured	Appointment/ Bethesda, MD
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DEPARTMENT/NAME	PROPOSED RANK	ACTION/CURRENT DUTY STATION
<i><u>PEDIATRICS</u></i>		
KLEIN, David Lt Col, USAF, MC	Associate Professor Non-Tenured	Promotion/ Fort Belvoir, VA
<i><u>RADIOLOGY</u></i>		
LOH, Yince MD	Professor Non-Tenured	Promotion/ Bainbridge Island, WA
<i><u>SURGERY</u></i>		
ZHU, Kangmin MD, PhD	Professor Non-Tenured	Appointment/ Bethesda, MD
<u>Honorary Titles</u>		
<i><u>PHARMACOLOGY</u></i>		
COX, Brian PhD	Professor Emeritus Non-Tenured	Appointment/ Bethesda, MD
<i><u>PATHOLOGY</u></i>		
SNAPPER, Clifford MD	Professor Emeritus Non-Tenured	Appointment/ Potomac, MD



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Date December 20, 2019

Memorandum for CAPT Jeffrey D. Quinlan, Professor and Chair, Family Medicine

Subj: CAPT review of credentials of Paul Crawford, MD

The Senior Members of the Search Committee for the Executive Director, Military Primary Care Research Network, served as a CAPT equivalent committee.

After a thorough review of Dr. Crawford's Curriculum Vita, his Faculty Portfolio, and the solicited and received external review letters, the Committee recommends Dr. Crawford's appointment at the full Professor level (with tenure). This is consistent with the unanimous recommendation for his appointment as full Professor with tenure from the external review letters. Additional input from the external reviewers is attached.

Please let me know if you have any additional questions or if we can provide any additional information in support of Dr. Crawford's package.

Sincerely,

Cindy C Wilson, PhD
Professor, Family Medicine
Chair, MPCRN Search Committee

PAUL F. CRAWFORD, M.D.

July 2019

PERSONAL INFORMATION

Business Address: 99MDG/DME
4700 Las Vegas Blvd North
Las Vegas, NV 89191
Telephone: (702) 653-3433
Fax: (702) 653-3622

EDUCATION

1994 B.S. with Honors, Penn State University (Animal Science)
1998 M.D., Penn State College of Medicine

POSTDOCTORAL TRAINING

1998-2001 Family Practice Residency, Eglin Air Force Base, FL
• Chief Resident, Family Practice, 2000-2001
2006-2007 Faculty Development Fellowship, Univ. of North Carolina--Chapel Hill
2017 IHI Basic Certificate in Quality and Patient Safety
2019 Faculty Development Certificate in Teaching and Learning, Uniformed Services University of the Health Sciences

EMPLOYMENT HISTORY

Director of Medical Education, 99th MDG, Nellis AFB, NV July 2017-Present

- Responsible for all graduate medical education functions, supporting 5 programs, 54 medical/8 dental residents, physician assistant Phase II training, and 200+ student rotations
- Designated Institutional Official (DIO) for ACGME compliance
- Provides oversight of Training Affiliation Agreement program with over 64 agreements in support of educational programs and proficiency training needs
- Actively involved in teaching USUHS and HPSP medical students in core and elective Family Medicine rotations through direct oversight in clinic.

- Preceptor for vasectomy, flexible nasolaryngoscopy, endometrial biopsy, limited obstetrical ultrasound, and colposcopy with full intensive care and partial obstetrical privileges.

Director, Clinical Investigation Program, 99th MDG, Nellis AFB, NV Oct 2011-present

- Lead multiple teams of researchers at six Air Force bases.
- Participate in and mentor studies from Air Force, Army, Navy, and USUHS
- Successfully obtained >\$2M in DoD funding through CDMRP, and intramural calls.
- Partner with multiple civilian foundations and universities for research and training funding worth >\$6M.
- Manage \$600K baseline budget in addition to above funding and ~20 clinical research protocols
- Supervise 6 Research Coordinators

Residency Director of Nellis AFB Family Medicine Residency, 99th MDG, Nellis AFB, NV June 2013-July 2017

Associate Residency Director of Nellis AFB Family Medicine Residency, 99th MDG, Nellis AFB, NV July 2007-June 2013

- Oversees educational program for 30 resident physicians, liaison with multiple departments, ensures compliance with national accreditation regulations.
 - Co-author of Program Information File for ACGME accreditation. Accredited 5 years with zero citations. 2012.
 - Key player in developing new residency and writing Program Information File for initial RRC accreditation of new program. Accredited maximum duration. 2008.
- Research Director-charged with overseeing Research Curriculum and overseeing scholarly activity within department.
- Flight Commander-charged with leading 100+ personnel in the care of 29,000 patients and maintaining readiness posture in time of war 2007-2008.
- Predoctoral coordinator for 40 medical students from 11 different medical schools--recruited first class into new residency. 2007-2009.
- Actively involved in teaching USUHS and HPSP medical students in core and elective Family Medicine rotations through direct oversight in clinic as well as direct interaction during morning report discussions.
- Preceptor for flexible sigmoidoscopy, vasectomy, flexible nasolaryngoscopy, endometrial biopsy, exercise stress testing, limited obstetrical ultrasound, and colposcopy with full intensive care and obstetrical privileges.

Faculty member of HQ Air Armament Center Family Medicine Residency, 96th MDG, Eglin AFB, FL June 2004-Jul 2007

- Predoctoral Coordinator for over 30 Medical Students per year from 80 different medical schools
- Scholarly Activity Coordinator—revamped research requirements and increased production by 1200%
- Practice Management Coordinator—developed new curriculum to blend U.S. Air Force and ACGME requirements
- Team chief/Mentor for 8 residents total, 3 residents ongoing
- Liaison for Internal Medicine and Intensive Care Unit Rotations
- Preceptor for flexible sigmoidoscopy, vasectomy, flexible nasolaryngoscopy, endometrial biopsy, exercise stress testing, limited obstetrical ultrasound, and colposcopy with full intensive care and obstetrical privileges. Credentialed as Medical Acupuncturist.
- Actively involved in teaching USUHS and HPSP medical students through direct precepting in clinic as well as direct interaction during morning report discussions

Staff Family Physician, 506 EMEDS, Kirkuk Regional Air Base, Iraq

- Staff Physician providing medical care for community of 5,000 Air Force, Army, Coalition, and Iraqi forces.
- One of 5 Trauma trained physicians responsible for ATLS care of wounded personnel and training/supervision of medical technicians/EMTs

Staff Family Physician, 16th MDG, Hurlburt Field, Florida 2001-2004

- Staff physician providing medical care for a community of approximately 40,000 active duty members, their dependents, retirees, and other Department of Defense eligible individuals
- Preceptor, 3 Family Practice Physician Assistants

ACADEMIC APPOINTMENTS

2016-present	Professor, Dept. of Family Medicine, Uniformed Services University of the Health Sciences
2012-2016	Associate Professor, Dept. of Family Medicine, Uniformed Services University of the Health Sciences
2004-2012	Assistant Professor, Dept. of Family Medicine, Uniformed Services University of the Health Sciences
2007-present	Adjunct Assistant Professor, Dept. of Family Medicine, Touro University

CERTIFICATION, LICENSURE, AND SPECIAL SKILLS

2001-present	Diplomate of the American Board of Family Medicine Re-certified in 2008 and 2018
2012-present	Board-eligible, American Academy of Medical Acupuncture
1999-present	Licensed in Indiana
2017-Present	Licensed in Nevada
2000-present	Advanced Life Support in Obstetrics --Instructor (16 courses) and Course Director (2007), Advisory Faculty (2007), Instructor course (2010-2012, 2016).
1998-present	Certified in Advanced Cardiac Life Support
2000-2012	Certified in Advanced Trauma Life Support
1998-present	Neonatal Resuscitation Program --Certified Instructor 2007-2012 (6 courses)
2004-present	Certified in Pediatric Advanced Life Support
2006-present	Certified in S.T.A.B.L.E. Program
2014-present	Certified in Advanced Fetal Heart Rate Monitoring

HONORS AND AWARDS

2018	First Place, Staff Research Competition, Uniformed Services Academy of Family Physicians
2014	AMSUS Training and Education Award, Air Force Clinical Investigation Program Team
2013	Outstanding Physician Educator of the Year, US Air Force
2013	Academic Grand Master Special Experience Identifier, USAF
2012	Top Ten of 227 USU Family Medicine Preceptors
2012	Selected as recipient of Battlefield Acupuncture for Physicians Scholarship
2011	Outstanding Achievement in Clinical Research Award, USAF Air Combat Command
2010	99MDG Field Grade Officer of the Year
2010	Nellis AFB Resident Teacher Award
2010	First Place, Educational Research Competition, Uniformed Services Academy of Family Physicians
2009	99MDG Field Grade Officer of the Year
2007	Outstanding Achievement in Clinical Research Award, USAF Air Combat Command
2007	Eglin AFB Resident Mentor Award
2006	Society of Teachers in Family Medicine New Scholar Award <ul style="list-style-type: none">• National award for potential as teacher/scholar
2006	Fellow, American Academy of Family Physicians (FAAFP)

2002	Junior Clinician of the Year, Air Force Special Oper. Command
2001	Society of Teachers in Family Medicine Resident Teacher Award <ul style="list-style-type: none">• Developed International/Tropical Medicine Rotation
2001	O.W. Jervis Award for Excellence in Internal Medicine
1998	Medical Student Research Symp. Award, Penn State Coll. of Med.
1998	Penn State Excellence in Family Medicine Award
1996	Clinical Research Center Scholar, Penn State College of Medicine
1994	University Scholar, Penn State University

MILITARY DECORATIONS

- Air Force Meritorious Service Medal with 2 Oak Leaf cluster
- Air Force Commendation Medal
- Air Force Achievement Medal
- Air Force Outstanding Unit Award with 5 devices
- National Defense Service Medal
- Global War on Terror, Expeditionary Medal
- Global War on Terror, Support Medal
- Iraqi Campaign Medal
- Air Force Longevity Service with two devices
- Air Force Training Ribbon

PROFESSIONAL SERVICE

Editorial Positions

- 2007-2016 Core Content Review of Family Medicine, Associate Editor
- 2012-2014 Family Physicians' Inquiries Network, Deputy Editor
- 2006-2012 Family Physicians' Inquiries Network, Assistant Editor

Board of Directors

- 2018-2020 Chairman of the Board, Family Physicians' Inquiries Network
- 2016-2018 President, BoD, Family Physicians' Inquiries Network
- 2015-2016 President-elect, Family Physicians' Inquiries Network
- 2016-2019 BoD Member, Uniformed Srvcs. Acad. of Family Physicians

Committee Involvement

- 2013-2015 CAFM Educ. Research Alliance (CERA) Steering Committee
- 2010-2015 Chair, STFM Group On Teaching Research in Residency
- 2011-present Uniformed Services AFP Clinical Investigations Comm.
- 2010-present Air Force Diabetes and Obesity Research Working Group

Appointed Roles

- 2018- Liaison to AFMRD Board, Building Research Capacity Initiative
- 2013-2015 Liaison to AFMRD Board of Directors, CERA
- 2011-present Uniformed Services AFP Research Mentor

Reviewer of Manuscripts

- 2015 - present: Council on Academic Family Medicine Educational Research Alliance (CERA). Reviewer for CERA Survey applications
- Family Medicine
- American Family Physician
- Journal of the American College of Nutrition
- BMJ Open
- Trials
- Nature Scientific Reports
- Journal of Family Practice
- Academic Medicine
- BMC Public Health
- Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy
- Journal of Diabetes Science and Technology
- Journal of American Board of Family Medicine
- British Journal of Nutrition
- Family Physicians' Inquiries Network
- Family Medicine Digital Resource Library of STFM

PROFESSIONAL ORGANIZATIONS

1998-Present	American Academy of Family Physicians
2004-Present	Society of Teachers of Family Medicine
1998-Present	Uniformed Services Academy of Family Physicians
2009-Present	Association of Family Medicine Residency Directors
2011-Present	North American Primary Care Research Group
2009-Present	Association of Military Surgeons of the United States
2000-Present	Christian Medical Association

COMMITTEE AND ADMINISTRATIVE SERVICE

99MDG, Nellis AFB, NV

2017-present	Executive Committee
2017-present	Chair, Graduate Medical Education Committee
2013-2017	Chair, Clinical Competence Committee
2013-2016	Pharmacy & Therapeutics Committee
2010	Source Selection Team for \$2 Million contract
2009-2013	Member, Residency Development Workshop Committee
2008-2010	Readiness Skills Verification Manager for Family Physicians

2007-2010	Disaster Team Chief, Delayed Team
2007-2009	Member, Ethics Committee
2007-2017	Member, Credentials Committee
2007-present	Member, Executive Committee of the Medical Staff

96MDG, Eglin AFB, FL

2006	Chair, Root Cause Analysis Team
2004-2007	Member, Residency Development Workshop Committee
2005-2006	Clinic scheduler for 39 physicians
2004-2006	Member, Institutional Review Board
2004	Member, Obstetric Transition Committee
2001	Member, Critical Care Advisory Committee

506 EMEDS, Kirkuk, Iraq

2005	Member, Exercise Evaluation Team, Kirkuk Reg. Air Base, Iraq
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16MDG, Hurlburt Field, FL

2002	Chair, Root Cause Analysis Team
2003-2004	Chair, Template Analysis Team
2002-2004	Clinic Scheduler for up to 8 physicians
2002-2004	Chair, Infection Control Committee

RESEARCH AND GRANTS

1. **Crawford P.** Evaluation of Frequency Specific Microcurrent for Pain in Air Force Patient-Centered Medical Homes. 2019-2021. **\$495,000.** AFMSA/SG5 Research and Development Fund 6.3. Role: Principal Investigator
2. **Crawford P,** Ledford CJW, Moss DA, Cagle SJ, Covey CJ, Kim MJ, Ledford C, Polzin D, Dixon M. An integrative approach to non-opioid pain management in Air Force Patient-Centered Medical Homes. 2018-2020. **\$786,000.** AFMSA/SG5 Research and Development Fund 6.3. Role: Principal Investigator
3. **Crawford P,** Ledford CJW. Coaching servicemembers through a healthy transition to retirement. **\$388,750.** AFMSA/SG5 Research and Development Fund 6.3. Role: Principal Investigator
4. **Crawford P.** Think Acupuncture First. 2015-2020. **\$4,405,000.** (External by Acus Foundation through Cooperative Research and Development Agreement). Role: Principal Investigator
5. Ledford CJW, Seehusen DA, **Crawford P.** Diabetes ROADMAP (Responding to the Opportunity to Adapt the Diagnosis to Motivate and Activate Patients): An intervention to address health disparities through personalized diagnosis

- communication. 2016 - **\$847,986** (Congressionally Directed Medical Research Programs). Role: Mentor
6. Nielson F, **Crawford P**. Methylsulfonamine for chronic low back pain. 2014-2017. **\$94,000** (External by AFMSA/SG5 \$50000, Bergstrom Nutrition \$12000, internal \$32000) Role: Co-Investigator
 7. Baum A, Borchardt C, **Crawford P**. Acupuncture for weight loss. 2015-2017. **\$82,000** (External by AFMSA/SG5 \$50000, internal \$32000) Role: Mentor
 8. Abbott EA, **Crawford P**. Mind-Body Medical Qigong Effect on Serum Blood Sugar When Used in Combination with Conventional Diabetic Therapy. 2013-2015. **\$92,000** (External by AFMSA/SGR \$60000, internal \$32000) Role: Associate Investigator
 9. Moss D, **Crawford P**, Pickett H. Ear acupuncture for post-operative pain associated with ambulatory arthroscopic knee surgery. A randomized controlled trial. 2011-2012. **\$92,000** (External by AFMSA/SGR \$60000, internal \$32000) Role: Associate Investigator
 10. **Crawford P**, Moss D, Pickett H. Rapid Extremity Pain Relief by Battlefield Acupuncture After Orthopedic Surgery: A Randomized Clinical Trial. **\$412,000**. (External by DMRDP/FY12 DHP 6.7 program \$249,999, DMRDP/FY14 DHP 6.7 program \$130,000, internal \$32000) 2013-2017. Role: Principal Investigator
 11. Moss D, **Crawford P**, Pickett H. Ear acupuncture for acute sore throat. A randomized controlled trial. **\$72,000**. (External by AFMSA/SGR \$40000, internal \$32000) Role: Co-Investigator
 12. **Crawford P**. CINNAMON Trial—Assessment of the effect of lifestyle intervention Plus water-soluble cinnamon extract in delaying the onset of diabetes: A randomized, double-blind, multicenter, placebo controlled trial. **\$1,622,295.61** (External by AFMSA/SGRS \$524,295.61, Geneva Research Foundation \$280,000, internal \$150,000, 59MDW/ST 670,000). 2011-2017. Role: Principal Investigator
 13. Timboe A, **Crawford P**. An Epidemiological Study of the Prevalence of Pre-diabetes and Diabetes among Air Force personnel who fail the Air Force Physical Fitness Test at Nellis AFB, NV in 2011 **\$45984.84** (External by AFMSA/SGRS \$25,984.84, internal \$20,000). 2011-2013. Role: Co-Investigator
 14. Lucey B, Piepenbrink R, **Crawford P**. Assessing the Risk of Developing Type II Diabetes Using Serum Biomarkers in Patients with Obstructive Sleep Apnea Treated with Continuous Positive Airway Pressure: A Small Exploratory Study.

- \$112,915.84** (External by AFMSA/SGRS \$12,915.84, Tethys Biologics \$80,000, internal \$20,000). 2010-2011. Role: Associate Investigator
15. May M, **Crawford P**. Knowledge, Concerns and Myths Regarding Diabetes: A Survey of the US Air Force. 2010. **\$16000**. (External by AFMSA/SGR \$4000, internal \$12000) Role: Co-Investigator
 16. Bepko J, **Crawford P**, Johnson B. Survey of Military Family Physicians and Physician Assistants regarding knowledge of Diabetes Screening, Diagnosis and Treatment. **2010. \$9000** (External by AFMSA/SGR \$5000, internal \$4000) Role: Co-Investigator
 17. **Crawford P**. Cinnamon bark, water-soluble cinnamon extract, and metformin as initial treatment for type 2 diabetes: A randomized, controlled trial. Total funding obtained: **\$139,000**. Role: Principal Investigator
 - a. 2010-External by Diabetes Action Research and Education Foundation \$29,000, internal funding \$11,000.
 - b. 2011-External by AFMSA/SGRS \$59,000 internal funding \$40,000.
 18. **Crawford P**. A Pilot Study for a Non-Inferiority Trial of Clinician-Collected Versus Patient-Collected Cervical Papanicolaou Smears. 2009-2011. Total funding obtained: **\$129,750**. (External by R&G Medical \$84,675, internal funding \$45,075). 2010. Role: Principal Investigator
 19. **Crawford P**, Pickett H, Slager T. Aromatherapy with Lavender to Reduce Pain and Anxiety During Cervical Colposcopy: A Randomized, Controlled Trial. Total funding obtained: 2009-2012. **\$96,397.48**. (External by American Academy of Family Physicians Foundation (G1003RS) \$6677.48, AFMSA/SGR \$58,720, internal funding \$31,000). 2010. Role: Principal Investigator
 20. **Crawford, P**, Seehusen DA. A national survey of Family Medicine resident and faculty scholarly activity requirements. Total funding obtained **\$250** by USAFP. 2009. Role: Principal Investigator
 21. **Crawford P**, Weis K. A Randomized Controlled Clinical Trial Comparing the Effect of 1g of Daily Cinnamon Plus Usual Care with Usual Care on Hemoglobin A1c in Poorly Controlled Type 2 Diabetes. Total funding obtained: **\$7,871**. (External by US Air Force Surgeon General's Office \$271, obtained volunteer support worth \$7,200, internal funding \$400). 2007. Role: Principal Investigator
 22. Hagberg S, Woitalla F, **Crawford P**. Evaluation of a decision tool as a diagnostic test for chest pain: The 2002 ACC/AHA guideline for the management of patients with unstable angina and non-ST-segment elevation myocardial infarction versus

clinician judgment. Total funding: **\$110** (110 internal). 2005. Role: Associate Investigator

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

-Letters and Commentaries

1. Crawford P, Jackson J, Ledford CJW. The association between acupuncture training and opioid prescribing practices, *Pain Medicine*, , pny243, <https://doi.org/10.1093/pm/pny243>
2. Schultz S, **Crawford P**, Bhuyan N, Dickson GM, Jarvis JW, Maxwell L, Mazzone M, Miser WF, Mitchell K, Shaffer T. Program Directors and CERA: An important relationship. *Ann Fam Med*. 2015 Jul;13(4):388-9.
3. Maurer D, Stephens M, Reamy B, Crownover B, **Crawford P**, Chang T. Response: re: family physicians' knowledge of commonly overused treatments and tests. *J Am Board Fam Med*. 2015 Jan-Feb;28(1):162.
4. Murray T, Kelsberg G, Safranek S, **Crawford P**. How effective are folk remedies/herbal preparations for inducing labor at term? *J Fam Pract*. 2008 Aug;57(8):542-544.
5. Lerberg K, Stiles M, Johnson S, **Crawford P**. What evaluation and follow-up is appropriate for an adult with and isolated, enlarged cervical lymph node? *J Fam Pract*. 2007 Feb;56(2):147-148.
6. Grover M, Strickland C, Kessler E, **Crawford P**. How should patients with Barrett's esophagus be monitored? *J Fam Pract* 2006 Mar;55(3):243-47.
7. Garvin R, Howard L, **Crawford P**. Is increased fall risk a significant predictor of major bleeding events in patients on warfarin? *J Fam Pract* 2006 Feb;55(2):159-160.
8. Saseen J, Tweed B, **Crawford P**. What are effective medication combinations for the treatment of hyperlipidemia? *J Fam Pract*. 2006 Jan;55(1):70-2.
9. Butler C, Kelsberg G, St Anna L, **Crawford P**. How long is expectant management safe in first-trimester miscarriage? *J Fam Pract*. 2005 Oct;54(10):889-90.
10. Roederer MW, Blackwell JC, **Crawford P**. What are the relative risks and benefits of progestin-only contraceptives? *J Fam Pract*. 2005 Sep;54(9):806-8.

11. Flake Z, Hinojosa J, Brown M, **Crawford P**. Is DEET safe in children? J Fam Pract 2005;55(5):

-Enduring Educational Materials

1. **Crawford P**. Probiotics. Core Content Review of Family Medicine. 2015 (Sep);45(6):
2. **Crawford P**. Degenerative and Other Neurologic Disorders. In: Domino F. (ed.) Audio Digest Family Medicine Board Review. Audio Digest Foundation, Glendale, CA, 2015.
3. **Crawford P**. Screening for autism. Core Content Review of Family Medicine. 2013 (Nov);44(8):
4. **Crawford P**. Care of the victim of human trafficking. Core Content Review of Family Medicine. 2012 (Nov);43(8):
5. **Crawford P**. Acupuncture for migraine headaches. Core Content Review of Family Medicine. 2012 (Nov);43(8):
6. **Crawford P**. The Obesity Epidemic. Core Content Review of Family Medicine. 2012 (Sep);43(6):
7. **Crawford P**. Treatment of Prediabetes. Core Content Review of Family Medicine. 2012 (Sep);43(6):
8. **Crawford P**. Purification of water for drinking. Core Content Review of Family Medicine. 2012 (Jul);43(5):
9. **Crawford P**. Testicular torsion. Core Content Review of Family Medicine. 2012 (Jul);43(5):
10. Kafer D, **Crawford P**. Role of ACE-inhibitors in type 2 diabetes. Core Content Review of Family Medicine. 2012 (Mar);43(3):
11. Nittler V, **Crawford P**. Neonatal hypoglycemia. Core Content Review of Family Medicine. 2012 (Jan);43(1):
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14. **Crawford P.** Psychogenic tremor. Core Content Review of Family Medicine. 2011 (Mar);42(2): 54
15. **Crawford P.** Red yeast rice for hyperlipidemia. Core Content Review of Family Medicine. 2010 (Nov);41(6): 41
16. **Crawford P.** Tick Paralysis. Core Content Review of Family Medicine. 2010 (Mar);41(2):52
17. **Crawford P.** Noninvasive positive pressure ventilation. Core Content Review of Family Medicine. 2007 (Oct);38(7):253.

-Original Research

1. **Crawford P,** Helms JM. Outcomes of “Think Acupuncture First”: An acupuncture-training program during Family Medicine residency. Explore (Accepted for publication).
2. Fisher CJ, Burchett J, Durkin C, Ledford CJW, **Crawford P.** From “voodoo” to “medicine”: Turning points that shift patients’ and physicians’ views on acupuncture. Alternative Therapies for Health & Medicine. (Accepted for publication).
3. Kim MJ, Moss DA, **Crawford P.** Battlefield acupuncture for postpartum pain: A randomized controlled trial. Explore (Accepted for publication).
4. Ledford CJW, Seehusen DA, **Crawford P.** The relationship between personal models of diabetes and glycemic control. A study of patients living with prediabetes or Type 2 diabetes. Patient Education and Counseling (Accepted for publication)
5. **Crawford P,** Crawford A, Nielson F, Lystrup RM. Methylsulfonylmethane for treatment of low back pain: A safety analysis of a randomized, controlled trial. Complem Ther Med. 2019 May. doi: <https://doi.org/10.1016/j.ctim.2019.05.022> (Accepted for publication).
6. Seehusen DA, Fisher CL, Rider HA, Seehusen AB, Womack JJ, Jackson JA, **Crawford P,** Ledford CJW. Exploring patient perspectives of prediabetes and diabetes severity: A qualitative study. Psychology and Health. 2019 April 23;34:1-14. <https://doi.org/10.1080/08870446.2019.1604955>

7. **Crawford P**, Rupert J, Walkowski S, Ledford CJW. Training in acupuncture and personalizing the patient: a survey of physician burnout. *J Am Board Fam Med*. 2019 Mar; 32(2):259-263.
8. Ledford CJW, Seehusen DA, **Crawford P**. Geographic and race/ethnicity differences in patient perceptions of diabetes. *Journal of Primary Care and Community Health*. 2019 Jan-Dec;10:2150132719845819. doi: 10.1177/2150132719845819 PMID: 31088212
9. **Crawford P**, Moss DA, Crawford AJ, Sharon DJ. Modified battlefield acupuncture does not reduce pain or improve quality of life in patients with lower extremity surgery. *Mil Med*. 2018 Oct 27. doi: 10.1093/milmed/usy277. [Epub ahead of print]. PMID: 30371882
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11. Timboe A, Lystrup R, Ledford CJW, **Crawford P**. A1C FIT TEST: Cross-sectional analysis correlating hemoglobin A1c and fasting lipid panel with the results of the U.S. Air Force physical fitness test. *Mil Med* 2018.)
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13. Fisher CL, Ledford CJW, **Crawford P**. Physician Communication to Enhance Patient Acupuncture Engagement in Family Medicine. *J Health Comm*. 2018; 23(5):422-429. PMID: 29630471
14. Ledford CJW, Fisher CL, **Crawford P**. A communication process for medical acupuncture in family medicine. *Fam Med*. 2018;50(5):353-358. PMID: 29762793
15. Ledford CJW, Fisher CL, Moss DA, **Crawford P**. Critical factors to practicing medical acupuncture in family medicine. *J Am Board Fam Med* 2018;31:236 – 242. PMID: 29535240
16. Nye NS, Carnahan DL, Kafer DA, Olsen CA, **Crawford P**. Abdominal circumference versus BMI as predictors of lower extremity overuse injury risk. *J Phys Act Health*. 2018 Feb 1;15(2):127-134. PMID: 28872394
17. **Crawford P**, Penzien DB, Coeytaux RR. Reduction in pain medication consumption and self-reported outcomes associated with acupuncture in a

military patient population. Medical Acupuncture 2017 Aug 1; 29(4):229-231.
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25. **Crawford P**, Seehusen DA. Scholarly activity in Family Medicine Residency programs: A national survey. Fam Med. 2011;43(5):311-317. PMID: 21557099
26. **Crawford P**. Effectiveness of cinnamon for lowering hemoglobin A1C in type-2 diabetes: A randomized, controlled trial. J Am Board Fam Med. 2009;22(5):507-512. PMID: 19734396
27. **Crawford P**, Mitchell D. Tick paralysis as a cause of autonomic dysfunction in a 57 year-old female. Southern Med J. 2009;102(2):190-192.

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29. Crownover BK, **Crawford P**. Areas of concentration increase scholarly activity: A 15-month experience. Fam Med 2008;40(2):87-90.
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31. **Crawford P**, Good PA, Gutierrez E, Feinberg JH, Boehmer JP, Silber DH, Sinoway LI. Effects of supplemental oxygen on forearm vasodilation in humans. J Appl Physiol. 1997 May;82(5):1601-6.
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-Invited Editorials

1. Ledford CJW, **Crawford P**. Integrating medical acupuncture into family medicine practice. Am Fam Physician. Accepted for publication.

-Review Articles

1. **Crawford P**, Zimmerman EE. Tremor: Sorting through the differential diagnosis. Am Fam Phys. 2018 Feb 1;97(3):180-186. PMID: 29431985
2. **Crawford P**, Xu Y. Topical Capsaicin for treatment for chronic neuropathic pain in adults. Am Fam Physician. 2017 Dec 1;96(11):online. PMID: 29431402
3. **Crawford P**, Cieslak D. Varenicline for smoking cessation. Am Fam Physician 2017 Sep 1;96(5):online. PMID: 28925657
4. **Crawford P**, Kim M. Acupuncture for frequent tension-type headaches. Am Fam Physician. 2016 Aug 1;94(3):Online PMID: 27479630
5. **Crawford P**, Clauson E. Probiotics for the prevention of upper respiratory tract infections. Am Fam Physician. 2015 Oct 1;92(7):573. PMID: 26447453
6. Clauson E, **Crawford P**. What you must know before you recommend a probiotic. J Fam Pract. 2015;64(3):151-155. PMID: 25789349

7. Baum A, **Crawford P**. Does presence of a support person in labor decrease Cesarean sections? J Fam Pract. 2015 March;64(3):192-193. PMID: 25789348
8. **Crawford P**, Peterson T, Honeycutt JD. Which risk factors and signs and symptoms are associated with coccidioidomycosis? J Fam Pract. 2014 December;63(12):747,756. PMID: 25486316
9. **Crawford P**, Crop JA. Evaluation of scrotal masses. Am Fam Physician. 2014;89(9):723-727. PMID: 24784335
10. Delgado R, York A, Lee C, Crawford C, Buckenmaier C, Schoomaker E, **Crawford P**. Assessing the Quality, Efficacy and Effectiveness of the Current Evidence Base of Active, Self-Care Complementary and Integrative Medicine Therapies for the Management of Chronic Pain: A Rapid Evidence Assessment of the Literature. . Pain Med 2014;15(Suppl 1):S9-S20. PMID: 24734865
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12. Russell TC, **Crawford P**. Ultrasound in the austere environment: a review of the history, indications, and specifications. Mil Med. 178(1); 2013:21-28.
13. Zimmerman EE, **Crawford P**. Cutaneous cryosurgery. Am Fam Physician. 2012 Dec 15;86(12):1118-1124.
14. **Crawford P**, Dy D. Which combination therapy for hypertension is effective and safe? J Fam Pract. 2011;60(11): 684-686.
15. **Crawford P**, Zimmerman EE. Differentiation and diagnosis of tremor. Am Fam Phys. 2011;83(6);697-702.
16. Oldham DM, **Crawford P**, Nichols W, Mott T. What is the best portable method of purifying water to prevent infectious disease? J Fam Pract 2008;57(1):46-48.
17. Wiltz S, **Crawford P**, Nichols W, Hayes M. What is the most effective and safe malaria prophylaxis during pregnancy? J Fam Pract 2008;57(1):51-53.
18. Clark SL, **Crawford P**, Nichols W. When should travelers begin their malaria prophylaxis? J Fam Pract 2007;56(11):950-951.
19. Hennemann S, **Crawford P**, Nguyen L, Smith PC. What is the best treatment for orbital and peri-orbital cellulitis in children? J Fam Pract 2007;56(8):662-664.

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22. **Crawford P**, Paden S, Park MK. What is the dietary treatment for low HDL cholesterol? J Fam Pract. 2006 Dec;55(12):1076-1078.
23. **Crawford P**, Hitchcock K, Lo V. Does stopping a statin increase the short-term risk of a cardiovascular event? J Fam Pract. 2006 Jun;55(6):533-4.
24. **Crawford P**, Kauffman L, DeArmond L. Is VBAC safe for the mother and fetus? J Fam Pract 2006 Feb;55(2):149-51.
25. **Crawford P**, Simmons M, Hooch J. What dietary interventions are indicated for migraines? J Fam Pract. 2006 Jan;55(1):62-6.

-Textbook Chapters

1. **Crawford P**. "Male Genitourinary Disorders". In: Paulman P, et al. (eds) Family Medicine, 7th ed., Springer New York, 2016.
2. McKeown C, **Crawford P**. "Movement Disorders". In: Paulman P, et al. (eds) Family Medicine, 7th ed., Springer New York, 2016.
3. **Crawford P**. "Complementary and Alternative Medicine". In Domino FJ, et al. (eds) 5-Minute Clinical Consult, 24th ed., Lippincott, Williams and Wilkins, 2016
4. **Crawford P**. "Complementary and Alternative Medicine". In Domino FJ, et al. (eds) 5-Minute Clinical Consult, Lippincott, Williams and Wilkins, 2017
5. **Crawford P**. "Complementary and Alternative Medicine". In Domino FJ (Ed.), The 5-Minute Clinical Consult, Philadelphia: Wolters Kluwer, 2018.
6. **Crawford P**. "Complementary and Alternative Medicine". In Domino FJ (Ed.), The 5-Minute Clinical Consult, Philadelphia: Wolters Kluwer, 2019.

- Articles published as member of a writing team or working group

1. Lee C, Crawford C, Hickey A, **Active Self-Care Therapies for Pain (PACT) Working Group**. Mind-body therapies for the self-management of chronic pain symptoms. Pain Med 2014;15(Suppl 1):S21-39.

2. Lee C, Crawford C, Schoomaker E, **Active Self-Care Therapies for Pain (PACT) Working Group**. Movement therapies for the self-management of chronic pain symptoms. Pain Med 2014; 15(Suppl 1):S40-53.
3. Crawford C, Lee C, May T, **Active Self-Care Therapies for Pain (PACT) Working Group**. Physically-oriented therapies for the self-management of chronic pain symptoms. Pain Med 2014;15(Suppl 1):54-65.
4. Crawford C, Lee C, Bingham J. **Active Self-Care Therapies for Pain (PACT) Working Group**. Sensory art therapies for the self-management of chronic pain symptoms. Pain Med 2014;15 (Suppl 1):S66-75.
5. Lee C, Crawford C, Swann S. **Active Self-Care Therapies for Pain (PACT) Working Group**. Multi-modal, integrative therapies for the self-management of chronic pain symptoms. Pain Med 2014;15 (Suppl 1):S76-85.
6. Crawford C, Lee C, Freilich D, **Active Self-Care Therapies for Pain (PACT) Working Group**. Effectiveness of active, self-care complementary and integrative medicine therapies: Options for the management of chronic pain symptoms. Pain Med 2014;14(Suppl 1):S86-S95.
7. Lee C, Crawford C, Teo L, Spevak S. **Active Self-Care Therapies for Pain (PACT) Working Group**. An analysis of the various chronic pain conditions captured in a systematic review of active self-care complementary and integrative medicine therapies for the management of chronic pain symptoms. Pain Med 2014;15(Suppl 1):96-103.

- Articles in submission

1. Bobnick S, Crawford A, **Crawford P**. Rescue acupuncture for migraine headaches. Cephalalgia . (Under Review)
2. Fisher CJ, Ledford CJW, **Crawford P**. Patients' and physicians' metaphorical explanations of acupuncture in family medicine. Journal of Communication in Healthcare (Under Review)
3. Ledford CJW, Fisher CJ, Cafferty L, Jackson J, Seehusen DA, **Crawford P**. Turning points as opportunities to partner with the patient: A qualitative study of patients living with type 2 diabetes or prediabetes. J Am Board Fam Med. (Under Review)
4. Lystrup RM, Carlsen DA, Sharon DJ, **Crawford P**. Wearable and interactive technology to share fitness goals results in weight loss but not improved diabetes outcomes. Obesity Research and Clinical Practice. (Under Review)

NON-PEER REVIEWED PUBLICATIONS

1. Bayard M, **Crawford P**, Resnick J. Obtaining Research Funding in the DoD. USAFP Newsletter. Fall 2012. Pg 27.
2. **Crawford P**. Cinnamon and diabetes. Vitasearch. August 2010.
<http://www.vitasearch.com/get/PC/experts/CrawfordPAT2010-08-28.pdf>

PRESENTATIONS

International Presentations

1. Ledford CJW, Fisher C, Seehusen D, **Crawford P**. Turning points as opportunities to partner with the patient: A qualitative study of patients living with type 2 diabetes of prediabetes. International Conference on Communication in Health. Oct 27-30, 2019. San Diego, CA.
2. Fisher C, Ledford CJW, **Crawford P**. Explaining Acupuncture in Family Medicine: Patients' and Physicians' Use of Metaphor. 69th Annual International Communication Association (ICA) Conference. May 24-28, 2019. Washington, DC.
3. Cafferty L, Ledford CJW, **Crawford P**. From "check the box" to "creative pursuit": Program leadership perspectives on research and scholarship. Society of Teachers of Family Medicine. May 1, 2019. Toronto, ON, Canada.
4. Ledford CJW, Seehusen DA, **Crawford P**, Fisher CL. Exploring patient perspectives of disease severity: Lessons for talking to patients about prediabetes and diabetes. Society of Teachers of Family Medicine. May 1, 2019. Toronto, ON, Canada.
5. **Crawford P**. Propagation of Acupuncture Research Findings: Creating Teams of Clinicians and Scientists to Achieve the Next Level. National Institutes of Health, Translating Fundamental Science of Acupuncture into Clinical Practice: For Cancer Symptom Management, Pain, and Substance Abuse. February 12, 2019. Bethesda, MD.
6. Ledford CJW, **Crawford P**, Fisher C, Moss D. Critical Factors to Practicing Medical Acupuncture in Family Medicine. Society of Teachers of Family Medicine. May 7, 2018. Washington, DC.

7. Ledford CJW, Moss D, Fisher C, **Crawford P**. Facilitating Communication about Acupuncture Treatment and Patients' Health Outcomes. International Conference on Communication in Healthcare. Oct 10, 2017. Baltimore MD.
8. Ledford CJW, Seehusen DA, **Crawford P**. How patients' disease stage and genetic predisposition influences their personal model of diabetes. International Conference on Communication in Healthcare. Oct 9, 2017. Baltimore, MD.
9. Bobnick S, **Crawford P**. Rescue acupuncture for acute migraine headache: An exploratory study. Military Health System Research Symposium. Aug 28, 2017. Kissimmee, FL.
10. Ledford CJW, Moss D, Fisher C, **Crawford P**. Identifying patient-centered outcomes resulting from medical acupuncture. Military Health System Research Symposium. Aug 29, 2017. Kissimmee, FL.
11. **Crawford P**, Moss DA. Modified Battlefield Acupuncture for lower extremity surgery: A multi-site randomized controlled trial. Military Health System Research Symposium. Aug 28, 2017. Kissimmee, FL.
12. Ledford CJW, Moss D, Fisher C, **Crawford P**. A three-stage model for communicating acupuncture in a primary care clinic. Society of Teachers of Family Medicine. May 7, 2017. San Diego, CA.
13. Ledford CJW, Seehusen, D, Fisher C, **Crawford P**. A Mixed-Methods Approach to Understanding the Cultural Model of Diabetes. North American Primary Care Research Group, Denver, CO. Nov 12, 2016.
14. Nye NS, Carnahan DL, Jackson JC, Covey CJ, Zarzabal LA, Chao SY, Bockhorst AD, **Crawford P**. Abdominal circumference is superior to BMI in estimating musculoskeletal injury risk. North American Primary Care Research Group Annual Meeting. Nov 12, 2013. Ottawa, ON, Canada.
15. Maurer DM, Stephens MB, Reamy BV, Crownover BK, **Crawford P**, Chang T. Promoting Good Stewardship: Family Physicians' Knowledge of Commonly Overused Treatments and Tests. North American Primary Care Research Group PBRN Conference. June 18, 2013. Bethesda, MD.
16. **Crawford P**, Wiltz SA, Verkamp K. Participation in the Journey to Life Conversation Map improves hemoglobin A1C, low-density lipoprotein and diastolic blood pressure in patients with poor glycemic control. North American Primary Care Research Group Annual Meeting. Dec 2, 2012. New Orleans, LA.

17. **Crawford P**, Pickett H, Slager T. Aromatherapy with Lavender to Reduce Pain and Anxiety During Cervical Colposcopy: A Randomized, Controlled Trial. North American Primary Care Research Group Annual Meeting. Dec 2, 2012. New Orleans, LA.
18. Moss DA, **Crawford P**, Pickett H. Ear Acupuncture for Acute Sore Throat: A Randomized Controlled Trial. North American Primary Care Research Group Annual Meeting. Dec 2, 2012. New Orleans, LA.
19. Moss DA, **Crawford P**, Pickett H. Ear Acupuncture for Pain Relief after Knee Arthroscopy: A Randomized Controlled Trial. North American Primary Care Research Group Annual Meeting. Dec 2, 2012. New Orleans, LA.

National Presentations

1. **Crawford P**. How to Engage Your Leaders so That They Support Scholarship. Program Directors' Workshop. Kansas City, MO. Apr. 6. 2019.
2. Kim MJ, Moss DA, **Crawford P**. Battlefield Acupuncture for Postpartum Pain. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 7, 2018. St. Louis, MO. [1st place winner, Clinical Investigations Category]
3. Fisher CL Ledford C, **Crawford P**. Physician communication strategies to enhance patient acupuncture engagement in family medicine. Paper presented at the Academy of Communication in Healthcare (ACH), Tampa, FL. 2018 *[TOP 10 RANKED PAPER]
4. Clark JB, Yancey JR, Bell J, Carney LA, Wong JB, **Crawford P**, Dobmeyer A. Pain Management. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 16, 2018. Jacksonville, FL.
5. Clark JB, Yancey JR, Bell J, Carney LA, Wong JB, **Crawford P**, Dobmeyer A. Primary Care pain Champion Training Day. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 15, 2018. Jacksonville, FL.
6. **Crawford P**. Edema from taking cinnamon for prevention of diabetes. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 16, 2018. Jacksonville, FL.
7. **Crawford P**. The Association between Acupuncture Training and Opioid Prescribing Patterns. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 16, 2018. Jacksonville, FL. [1st place winner, Educational Research Category]

8. Rupert J, **Crawford P**. Acupuncture Training is Associated with Decreased Symptoms of Physician Burnout. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 17, 2018. Jacksonville, FL.
9. Timboe A, Lystrup RM, **Crawford P**. Identifying a Potential Screening Tool for Prediabetes: The Association of Hemoglobin A1c and a Test of Physical Fitness. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 16, 2018. Jacksonville, FL.
10. Rogers T, Seehusen D, **Crawford P**, Ledford CJW. Breaking Barriers: A study of the effect of patient race/ethnicity on perceptions of pre-diabetes and Type 2 diabetes. Uniformed Services Academy of Family Physicians Annual Meeting. Mar 17, 2018. Jacksonville, FL.
11. Seehusen D, **Crawford, P**, Oh R, Maurer D. Mentoring for Your Scholarly Project Uniformed Services Academy of Family Physicians Annual Meeting. Mar 7, 2017. Seattle. WA.
12. **Crawford P**, Barr W, Seehusen D. Understanding, using, and developing the CERA surveys: A workshop for Program Directors and faculty to develop scholarly activity skills. Association of Family Medicine Residency Directors Program Directors' Workshop. April 1, 2016, Kansas City, MO.
13. **Crawford P**. Turning a PI Project into Research. Uniformed Services Academy of Family Physicians Annual Meeting. March 19, 2015, Crystal City, VA.
14. Kelsberg G, Bernard Ewigman B, Vincent E, Guthmann R, **Crawford P**, Neher J, Romeo L. Useful Scholarship: Writing Structured Evidence Reviews for Publication With the New Model Clinical Inquiries Series. Society of Teachers of Family Medicine. May 14, 2014. San Antonio, TX.
15. Bepko J, Johnson B, **Crawford P**. Knowledge of Military Family Physicians Regarding the Screening, Diagnosis and Treatment of Diabetes. USAFP Research Competition. March 2012. Las Vegas, NV
16. Blanchard S, Crownover BK, **Crawford P**, Wiltz SA, Covey C, Pickett H. TeamSTEPPs for Family Medicine. Society of Teachers of Family Medicine. April 26, 2012. Seattle, WA.
17. Slager TS, **Crawford P**, Snyder M. Self-Collected PAP Smears Non-Inferior to Physician Collected PAP Smears.
 - a. USAFP Research Competition. Las Vegas, NV. March 2012.
 - b. Society of Teachers of Family Medicine. April 26, 2012. Seattle, WA.

18. **Crawford, P**, Seehusen DA. Scholarly Activity in Family Medicine Residency Programs. Research Forum. Annual Spring Meeting. Society of Teachers of Family Medicine, Apr 26, 2010. Vancouver, BC.
19. **Crawford P**. A Roundtable of Scholarly Activity in Family Medicine Residencies. Annual Spring Meeting. Society of Teachers of Family Medicine, Apr 26, 2010. Vancouver, BC.
20. **Crawford P**. Effectiveness of Cinnamon for Lowering Hemoglobin A1C in Type-2 Diabetes: A Randomized, Controlled Trial. Research Forum. Annual Spring Meeting. Society of Teachers of Family Medicine, May 1, 2008. Baltimore, MD.
21. **Crawford P**, King V. Grading Evidence: SORTing Out the Best Information for Our Patients and Our Learners.
 - a. Uniformed Services Academy of Family Physicians Annual Meeting. March 18, 2008. Portland, OR. Workshop, speaker score 4.0/4.0.
 - b. Annual Spring Meeting. Society of Teachers of Family Medicine May 3, 2008. Baltimore, MD.
22. **Crawford P**, Whitworth J. Faculty Development and Resident Research Made Easy With FPIN—A Success Story. Annual Spring Meeting. Society of Teachers of Family Medicine, May 2, 2008. Baltimore, MD.
23. Crownover BK, **Crawford P**. Areas of Concentration Increase Scholarly Activity—a 15 month Experience. Poster Presentation.
 - a. Program Director's Workshop, Association of Family Medicine Residency Directors, Jun 11, 2007. Kansas City, MO.
 - b. Uniformed Services Academy of Family Physicians Annual Meeting. March 15, 2008. Portland, OR.
 - c. Annual Spring Meeting. Society of Teachers of Family Medicine. May 2, 2008. Baltimore, MD.
24. **Crawford P**. Teaching Military Unique Administrative Tasks to Air Force Family Medicine Residents. Poster Presentation, Program Director's Workshop, Association of Family Medicine Residency Directors, Jun 11, 2007. Kansas City, MO.
25. **Crawford P**, Good PA, Gutierrez E, Feinberg JH, Boehmer JP, Silber DH, Sinoway LI. Effects of oxygen on forearm vasodilator capacity. FASEB 1996; Poster presentation.

Regional Presentations

1. **Crawford P.** IRB Navigation—The Basics. Nellis Air Force Base Faculty Development Workshop—Feb 14 and 15, 2018. Las Vegas, NV.
2. **Crawford P.** Developing the Research Question.
 - a. Nellis Air Force Base Faculty Development Workshop—Feb 14 and 15, 2018. Las Vegas, NV.
 - b. Tripler Army Medical Center Faculty Development Workshop—April 21, 2017. Honolulu, HI.
3. **Crawford P.** Overcoming Barriers in Publishing in Medical Education. Tripler Army Medical Center Faculty Development Workshop—April 21, 2017. Honolulu, HI.
4. **Crawford P.** Abstract Writing. Tripler Army Medical Center Faculty Development Workshop—April 21, 2017. Honolulu, HI.
5. **Crawford P.** Writing a Case Report. Tripler Army Medical Center Faculty Development Workshop—April 20, 2017. Honolulu, HI.
6. **Crawford P.** Foundations for Feedback. Tripler Army Medical Center Faculty Development Workshop—April 20, 2017. Honolulu, HI.
7. **Crawford P.** Collaboration in Research: Together We Can Do More. VA Southern Nevada Health Center Research Symposium. 21 May 2015. Las Vegas, NV
8. **Crawford, P.** Integrative Medicine in Pregnancy: Old Wives' Tales of Evidence Based? Uniformed Services Academy of Family Physicians Annual Meeting. Mar 25, 2012. Las Vegas, NV.
9. **Crawford, P.** Probiotics in Family Medicine: Are they bona-fide or bogus? Family Medicine Seminar Series. April 21, 2011. Mount Nittany Medical Center, State College, PA.
10. **Crawford, P.** Developing a Research Question--Patient-oriented, Practical, and Passion. Uniformed Services Academy of Family Physicians Annual Meeting. Apr. 7, 2011. Palm Springs, CA.
11. **Crawford, P.** How to Navigate an Institutional Review Board (IRB). Uniformed Services Academy of Family Physicians Annual Meeting. Apr. 7, 2011. Palm Springs, CA.
12. **Crawford, P.** Complementary and Alternative Medicine in Family Medicine--Bogus or Bona-fide? Uniformed Services Academy of Family Physicians Annual Meeting. Apr. 5, 2011. Palm Springs, CA.

13. **Crawford, P.** Scholarly Activity In Family Medicine Residency Programs. Uniformed Services Academy of Family Physicians Annual Meeting. Feb. 25, 2010. New Orleans, LA. First Place in competition.
14. Mitchell D, **Crawford P.** Autonomic Dysfunction in a case of Tick Paralysis. Uniformed Services Academy of Family Physicians Annual Meeting. March 17, 2008. Portland, OR. Second place in research competition.
15. **Crawford P.** Noninvasive positive pressure ventilation as a treatment for acute respiratory failure. Uniformed Services Academy of Family Physicians Annual Meeting. March 14, 2007. Hilton Head, SC. Main stage lecture to 300 attendees, speaker score=3.89/4.00
16. Crownover B, **Crawford P.** Dipping your toe into the pool of scholarly activity: USAFP meet FPIN (workshop). Uniformed Services Academy of Family Physicians Annual Meeting. March 15, 2007. Hilton Head, SC. Workshop to 24 attendees, speaker score=3.93/4.00

AREAS OF PROFESSIONAL INTERESTS

- Teaching
- Scholarly Activity, Evidence-based medicine, and research
- Complementary and Integrative Medicine
- Tropical Medicine and Infectious Disease
 - Eleven two week humanitarian medical trips from 1999 to 2014
 - Ecuador (3), Peru (2), Cambodia (3), Paraguay, Thailand, Nicaragua and Haiti
 - Five months spent in Middle East during 2005-2006
- Maternal/Child Medicine
- Adult internal medicine

CURRICULUM VITAE

Marjan Ghahramanlou-Holloway, Ph.D.

Uniformed Services University of the Health Sciences
Department of Medical and Clinical Psychology
Department of Psychiatry
F. Edward Hebert School of Medicine
Suicide Care, Prevention, and Research Initiative

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EDUCATION

- 2003 Fairleigh Dickinson University, Teaneck, NJ
Doctor of Philosophy (Clinical Psychology, APA-Accredited)
- 2001 Springfield Hospital Center, Sykesville, MD
Pre-Doctoral Internship (Clinical Psychology, APA-Accredited)
- 1997 Chapman University, Orange, CA
Master of Arts (Pre-Clinical Psychology)
- 1994 University of California, Irvine, CA
Bachelor of Science (Biology and Psychology)
Minor (English Literature)

FELLOWSHIPS AND POSTDOCTORAL TRAINING

- 2014 Fellowship Award, Leadership Institute for Women in Psychology, Mid-Career
American Psychological Association
- 2012 Fellowship Award, Summer Institute on Randomized Behavioral Clinical Trials
National Institutes of Health, Office of Behavioral and Social Sciences Research
- 2006 Level II Fellowship Award in Suicide Prevention, University of Rochester
National Institutes of Health Sponsored Summer Research Institute
- 2005 Level I Fellowship Award in Suicide Prevention, University of Rochester
National Institutes of Health Sponsored Summer Research Institute
- 2005 University of Pennsylvania, School of Medicine, Philadelphia, PA
Postdoctoral Fellowship in Cognitive Behavior Therapy and Suicide Prevention
Mentor: Aaron T. Beck, M.D.

CERTIFICATIONS, HOSPITAL PRIVILEGES, AND LICENSURE

- 2016-Present **Credentialed Provider, Without Compensation Appointment**
Veterans Affairs Medical Center, Washington, DC
- 2007-2012 **Credentialed Provider**
Walter Reed Army Medical Center, Washington, DC
- 2006-Present **Clinical Psychologist**, National Provider Identification (#1952464489)
National Plan and Provider Enumeration System, Baltimore, MD
- 2006-2007 **Credentialed Provider**
National Naval Medical Center, Bethesda, MD
- 2005-Present **Diplomate**, Certified in Cognitive Behavior Therapy
Academy of Cognitive Therapy, Philadelphia, PA
- 2004-Present **Psychologist**, MD License (#04126)
Board of Examiners of Psychologists, Maryland Department of Health, MD

PROFESSIONAL POSITIONS

- 2012-Present **Speakers Faculty, Clinical Supervisor, and Training Consultant**
Beck Institute for Cognitive Behavior Therapy, Philadelphia, PA
- 2011-Present **Associate Professor**
Department of Medical and Clinical Psychology (Primary Appointment)
Department of Psychiatry (Secondary Appointment)
Director, Suicide Care, Prevention, and Research Initiative
Uniformed Services University of the Health Sciences, Bethesda, MD
- 2009-Present **Scientist**
Center for the Study of Traumatic Stress
Uniformed Services University of the Health Sciences, Bethesda, MD
- 2009-2011 **Assistant Professor**
Department of Psychiatry (Secondary Appointment)
Uniformed Services University of the Health Sciences, Bethesda, MD
- 2006-2011 **Assistant Professor**
Department of Medical and Clinical Psychology (Primary Appointment)
Director, Laboratory for the Treatment of Suicide-Related Ideation and Behavior
Uniformed Services University of the Health Sciences, Bethesda, MD
- 2005-2006 **Research Associate and Psychologist**
Department of Psychiatry and Center for Cognitive Therapy
University of Pennsylvania, Philadelphia, PA
- 2003-2017 **Clinical Psychologist**
Independent Private Practice, Columbia, Chevy Chase, or Bethesda, MD

2001-2005	Assistant Professor of Psychology Community College of Baltimore County, Catonsville, MD
2001-2002	Psychology Associate (Part-Time) Saint Luke Institute, Silver Spring, MD
1999-2000	Psychologist (Part-Time) Maryland General Hospital, Bryn Mawr Rehabilitation Center, Baltimore, MD
1999-2000	Psychology Associate (Part-Time) Neurobehavioral Associates, Columbia, MD
1999-2000	Neuropsychology Technician (Part-Time) Clinical and Forensic Neuroscience, Baltimore, MD
1999-2000	Research Coordinator Department of Neurology, University of Maryland Medical System, Baltimore, MD
1998-1999	Neuropsychology Technician (Part-Time) Long Island Neuropsychological Consultants, Great Neck, NY
1997-1999	Adjunct Assistant Professor (Part-Time) School of Psychology, Fairleigh Dickinson University, Teaneck, NJ
1997-1998	Social Skills Group Coordinator (Part-Time) Center for Psychological Services, Fairleigh Dickinson University, Hackensack, NJ
1993-1996	Laboratory Technician Beckman Laser Institute and Medical Clinic, Irvine, CA

RESEARCH SUPPORT AND CONTRACTS

Current Support

2019-2022	Evaluating the Efficacy of a Cognitive Agility Optimization Intervention in Special Operations Forces: A Randomized Controlled Trial United States Department of Defense Congressionally Directed Medical Research Program Role: Principal Investigator Total Awarded: \$1,250,000
2019-2021	A Brief Peer-Support Cognitive Behavioral Intervention for Military Life Transitions (Mil-iTransition) following Medical and Physical Evaluation Boards United States Department of Defense Military Suicide Research Consortium Role: Principal Investigator Total Awarded: \$1,500,000

- 2016-2021 **DoD-Wide Suicide Case Reviews: Lessons Learned and Recommendations for Military Suicide Prevention**
United States Department of Defense
Defense Suicide Prevention Office Contract
QB6H5A66F020MP
Role: Principal Investigator
Total Awarded: \$2,250,000
- 2016-2021 **Building Mastery of Rational-Thinking and Emotional-Regulation through Problem-Solving (REPS) during Military Training**
United States Department of Defense
Defense Suicide Prevention Office Contract
QB6H5A66F017MP
Role: Principal Investigator
Total Awarded: \$1,271,634
- 2016-2021 **Cognitive Flexibility Program for Special Operations Forces and Families**
United States Department of Defense
Special Operations Command Contract
F2VUF16201G002
Role: Principal Investigator
Total Awarded: \$1,000,000
- 2016-2021 **Cognitive Behavioral Strategies as Delivered by United States Military Chaplains for the Prevention of Suicide: Chaplains-CARE Program**
United States Department of Defense
Defense Suicide Prevention Office Contract
QB6H5A66F021MP
Role: Principal Investigator
Total Awarded: \$1,000,000

Past Support

- 2015-2018 **Special Operations Forces (SOF) Suicide Prevention Guide for Chaplains**
United States Department of Defense
Special Operations Command Contract
F2VUCC7172G001
Role: Principal Investigator
Total Awarded: \$1,501,758
- 2014-2017 **Psychological Well-Being of Unit Members Post-Military Suicide**
United States Navy Personnel Command
Suicide Prevention Program Contract
N4339814MPH3701
Role: Principal Investigator
Total Awarded: \$133,678
- 2013-2017 **Management of Suicide-Related Events during Deployment**
United States Army
W-3 Suicide Prevention in a Combat Environment
W81XWH-13-2-0003
Role: Principal Investigator
Total Awarded: \$1,982,780

- 2013-2016 **Lessons Learned from Navy Service Members Following a Suicide Attempt**
United States Navy Personnel Command
Suicide Prevention Program Contract
N6298013MPH3701
Role: Principal Investigator
Total Awarded: \$140,000
- 2012-2014 **Behavioral Healthcare Utilization and Career-Related Impact: Reducing Stigma and Barriers to Care among United States Marine Corps Personnel**
United States Marine Corps
Suicide Prevention Program Contract
M0008412MPUSUHS
Role: Principal Investigator
Total Awarded: \$73,966
- 2011-2019 **Post Admission Cognitive Therapy (PACT) for the Inpatient Treatment of Military Personnel with Suicidal Behaviors: A Multi-Site Randomized Controlled Trial**
United States Department of Defense, Army Medical Research and Materiel Command
Military Operational Medicine Research Program
W81XWH-11-2-0106
Role: Principal Investigator
Total Awarded: \$6,000,000
- 2011-2014 **Enhancing United States Air Force Suicide Prevention Efforts**
United States Department of Defense
Air Force Medical Operations Agency Contract
G172NN
Role: Principal Investigator
Total Awarded: \$212,436
- 2010-2013 **Preliminary Evaluation of the United States Navy Suicide Prevention Program**
United States Navy Personnel Command
Suicide Prevention Program Contract
N6298012MPH3701
Role: Principal Investigator
Total Awarded: \$186,335
- 2009-2015 **A Brief Intervention to Reduce Suicide Risk in Military Service Members and Veterans**
United States Department of Defense, Military Operational Medicine Research Program
Suicide Prevention and Counseling Research
W81XWH-09-2-0129
Role: Principal Investigator
Total Awarded: \$2,888,458
- 2009-2013 **Inpatient Post Admission Cognitive Therapy for the Prevention of Suicide Attempts**
National Alliance for Research on Schizophrenia and Depression
2008 Young Investigator Award
NARSAD 15219
Role: Principal Investigator
Total Awarded: \$60,000

- 2008-2014 **Pilot Trial of Inpatient Cognitive Therapy for the Prevention of Suicide in Military Personnel with Acute Stress Disorder or Posttraumatic Stress Disorder**
United States Department of Defense
Congressionally Directed Medical Research Program
W81XWH-08-2-0172 - Post-Traumatic Stress Disorder New Investigator
Role: Principal Investigator
Total Awarded: \$517,571
- 2008-2009 **Marine Corps Frontline Supervisors Training Program Evaluation**
United States Marine Corps
Suicide Prevention Program Contract
M00008408MPMWEST
Role: Principal Investigator
Total Awarded: \$32,000
- 2006-2014 **Suicide Prevention in the United States Military**
United States Department of Defense
Uniformed Services University of the Health Sciences
New Faculty Startup Research Package
USUHS R072ID
Role: Principal Investigator
Total Awarded: \$375,000

Other Support

- 2017-2020 **Suicidal Adults with Alcohol and Drug Use Problems: A New Hospital-Based Treatment**
National Institute on Alcohol Abuse and Alcoholism
Clinical Trial Planning Grant (R34AA026016)
Role: Consultant
PI: Kenneth R. Conner, PsyD, MPH
- 2014-2017 **Peer Mentorship to Reduce Suicide Risk following Psychiatric Hospitalization**
National Institute of Mental Health
Clinical Trial Planning Grant (R34NH103447)
Role: Consultant
PI: Paul N. Pfeiffer, Ph.D.
- 2012-2016 **Reduction in Suicide Risk: A Double-Blind, Placebo-Controlled Trial of Omega-3 Fatty Acid Supplementation among Military Veterans**
United States Department of Defense
Army Medical Research and Materiel Command (W81XWH-06-0009)
Role: Consultant
PIs: Captain Joseph Hibbeln, M.D. and Bernadette Marriott, Ph.D.
- 2011-2017 **Depression and Insulin Resistance in Adolescents**
National Institute of Mental Health
Pathway to Independence (1K99HD069516 and R00HD069516)
Role: Consultant
PI: Lauren Shomaker, Ph.D.

- 2011-2016 **A Brief Behavioral Sleep Intervention for Suicidal Behaviors in Military Veterans: A Randomized Controlled Trial**
United States Department of Defense
Military Suicide Research Consortium (W81XWH-10-2-0178)
Role: Consultant
PI: Rebecca Bernert, Ph.D.
- 2007-2011 **Biobehavioral Triggers of Myocardial Ischemia**
National Heart, Lung and Blood Institute
Research Project Grant Program (R01HL047337)
Role: Consultant
PI: David Krantz, Ph.D.
- 2004-2006 **Cognitive Therapy for the Prevention of Suicide**
National Institute of Mental Health and National Institute on Drug Abuse
Exploratory Grant (P20MH071905)
Role: Co-Investigator
PI: Aaron T. Beck, M.D.
- 2004-2006 **Community Based Cognitive Therapy for Suicide Attempters**
National Institute of Mental Health and Centers for Disease Control and Prevention
Research Project Grant Program (R01MH067805)
Role: Research Coordinator
PI: Aaron T. Beck, M.D.
- 2000-2001 **Favorable Outcome in Ischemic Stroke Survivors**
National Institute of Neurological Disorders and Stroke
First Independent Research Support and Transition (R29NS033608)
Role: Research Coordinator
PI: Lynn Grattan, Ph.D.

PUBLICATIONS AND PRESENTATIONS

*refers to first-authored publications by students, postdocs, or research mentees
Google Scholar *h*-index = 21 Scopus *h*-index = 15

Peer-Reviewed Publications

1. Adler, A., Jager-Hyman, S., Brown, G. K., Singh, T., Chaudhury, S., **Ghahramanlou-Holloway, M.** & Stanley, B. (in press). A qualitative investigation of barriers to seeking treatment for suicidal thoughts and behaviors among Army soldiers with a deployment history. *Archives of Suicide Research*. doi: 10.1080/13811118.2019.1624666. [Epub ahead of print]. Published online: 01 July 2019.
2. *Martin, J. S., Novak, L. A., Perera, K., Olsen, C. H., Kindt, M. T., LaCroix, J. M., Bennion, L., Lee-Tauler, S. Y., & **Ghahramanlou-Holloway, M.** (in press). Suicide typologies in the United States Air Force: A hierarchical cluster analysis. *Suicide and Life Threatening Behavior*. doi: 10.1111/sltb.12553. [Epub ahead of print]. Published online: 29 April 2019.
3. *Martin, J., LaCroix, J. M., Novak, L. A., & **Ghahramanlou-Holloway, M.** (in press). Typologies of suicide: A critical literature review. *Archives of Suicide Research*. doi: 10.1080/13811118.2018.1564100. [Epub ahead of print]. Published online: 12 March 2019.

4. **Ghahramanlou-Holloway, M.**, LaCroix, J. M., Perera, K. U., Neely, L., Grammer, G., Weaver, J., Novak, L. A., Colborn, V., & Lee-Tauler, S. Y. (in press). Inpatient psychiatric care following a suicide-related hospitalization: A pilot trial of Post-Admission Cognitive Therapy in a military medical center. *General Hospital Psychiatry*. doi: 10.1016/j.genhosppsych.2018.11.006. [Epub ahead of print]. Published online: 27 November 2018.
5. *Baer, M. M., LaCroix, J. M., Browne, J. C., Hassen, H. O., Perera, K. U., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (in press). Lack of emotional awareness is associated with thwarted belongingness and acquired capability for suicide in a military psychiatric inpatient sample. *Suicide and Life-Threatening Behavior*. doi: 10.1111/sltb.12530. [Epub ahead of print]. Published online: 20 November 2018.
6. Matarazzo, B. B., Brown, G. K., Stanley, B., Forster, J. E., Billera, M., Currier, G. W., **Ghahramanlou-Holloway, M.**, & Brenner, L. A. (in press). Predictive validity of the Columbia-Suicide Severity Rating Scale (C-SSRS) among a cohort of at-risk Veterans. *Suicide and Life-Threatening Behavior*. doi: 10.1111/sltb.12515. [Epub ahead of print]. Published online: 09 October 2018.
7. **Ghahramanlou-Holloway, M.**, Koss, K., Rowan, A., LaCroix, J. M., Perera, K., Carreno, J., & Grammer, J. (2019). Retrospective and prospective examination of outpatient mental health utilization and military career impacts. *Stigma & Health*, 4(2), 143-151.
8. *George, B. J., Ribeiro, S., Lee-Tauler, S., Bond, A. E., Perera, K. U., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2019). Demographic and clinical characteristics of military service members hospitalized following a suicide attempt versus suicide ideation. *International Journal of Environmental Research and Public Health*, 16(18)-3274, 1-10.
9. *Pak, K., Ferreira, K. E., & **Ghahramanlou-Holloway, M.** (2019). Suicide postvention for the United States military: Literature review, conceptual model, and recommendations. *Archives of Suicide Research*, 23(2), 179-202.
10. *Daruwala, S. E., LaCroix, J. M., Perera, K. U., Tucker, J., Colborn, V., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018). Suicide ideation and self-efficacy to avoid suicidal action among psychiatrically hospitalized military personnel. *Psychiatry Research*, 270, 1131-1136.
11. *Baer, M. M., LaCroix, J. M., Browne, J. C., Hassen, H. O., Perera, K. U., Soumoff, A., Weaver, J., & **Ghahramanlou-Holloway, M.** (2018). Impulse control difficulties while distressed: A facet of emotion dysregulation links to non-suicidal self-injury among psychiatric inpatients at military treatment facilities. *Psychiatry Research*, 269, 419-424.
12. Adler, A., Chadhury, S., Stanley, B., **Ghahramanlou-Holloway, M.**, Bush, A., & Brown, G. K. (2018). A qualitative analysis of strategies for managing suicide-related events during deployment from the perspective of Army behavioral health providers, chaplains, and leaders. *Military Psychology*, 30(2), 87-97.
13. *Ribeiro, S. P., LaCroix, J. M., De Oliveira, F., Novak, L. A., Lee-Tauler, S. Y., Darmour, C. A., Perera, K. U., Goldston, D. B., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018). The link between posttraumatic stress disorder and functionality among United States military service members psychiatrically hospitalized following a suicide crisis. *Healthcare*, 6(3), E95, 1-13.

14. *Kochanski, K. M., Lee-Tauler, S. Y., Brown, G. K., Beck, A. T., Pererea, K. U., Novak, L., LaCroix, J. M., Lento, R. M., & **Ghahramanlou-Holloway, M.** (2018). Single versus multiple suicide attempts: A prospective examination of psychiatric factors and wish to die/wish to live index among military and civilian psychiatrically admitted patients. *Journal of Nervous and Mental Disease*, 206(8), 657-661.
15. *LaCroix, J. M., Perera, K. U., Neely, L. L., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2018). Pilot trial of post-admission cognitive therapy: Inpatient program for suicide prevention. *Psychological Services*, 15(3), 279-288.
16. *LaCroix, J. M., Colborn, V. A., Hassen, H. O., Perera, K. U., Weaver, J., Soumoff, A., Novak, L. A., & **Ghahramanlou-Holloway, M.** (2018). Intimate partner relationship stress and suicidality in a psychiatrically hospitalized military sample. *Comprehensive Psychiatry*, 84, 106-111.
Editor's Choice Article for Third Quarter of 2018
17. **Ghahramanlou-Holloway, M.**, Lee-Tauler, S. Y., LaCroix, J. M., Kauten, R., Perera, K., Chen, R., Weaver, J., & Soumoff, A. (2018). Dysfunctional personality disorder beliefs and lifetime suicide attempts among psychiatrically hospitalized military personnel. *Comprehensive Psychiatry*, 82, 108-114. + Corrigendum (2019), 91, 39.
18. *Baer, M. M., LaCroix, J. M., Browne, J. C., Hassen, H. O., Perera, K. U., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018). Non-suicidal self-injury elevates suicide risk among United States military personnel with lifetime attempted suicide. *Archives of Suicide Research*, 22(3), 453-464.
19. **Ghahramanlou-Holloway, M.**, LaCroix, J. M., Koss, K., Perera, K. U., Rowan, A., VanSickle, M. R., Novak, L. A., & Trieu, T. H. (2018). Outpatient mental health treatment utilization and military career impact in the United States Marine Corps. *International Journal of Environmental Research and Public Health*, 15(4), E828, 1-16.
20. *LaCroix, J. M., Baer, M. M., Harrington-LaMorie, J., & **Ghahramanlou-Holloway, M.** (2018). Missed opportunities for military suicide prevention: Perspectives of suicide loss survivors. *Military Behavioral Health*, 6(3), 252-257.
21. *Colborn, V. A., LaCroix, J. M., Neely, L. L., Tucker, J., Perera, K., Daruwala, S. E., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017). Motor impulsivity differentiates between psychiatric inpatients with multiple versus single lifetime suicide attempts. *Psychiatry Research*, 253, 18-21.
22. *Koltko, V., & **Ghahramanlou-Holloway, M.** (2017). Medical decision making for suicidal patients in military integrated primary care settings. *Military Behavioral Health*, 5(1), 35-42.
23. *Ruscio, K. M., Colborn, V. A., Yang, C. L., Koss, K. R., Neely, L. L., Carreno, J. T., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2017). Expressed emotion and recurrence of suicidal behaviors: Review, conceptual model, and recommendations. *Suicidology Online*, 8(22), 1-11.
24. Stanley, B., Green, K. L., **Ghahramanlou-Holloway, M.**, Brenner, L. A., & Brown, G. K. (2017). The construct and measurement of suicide-related coping. *Psychiatry Research*, 258, 189-193.
25. *Sterling, A. G., Bakalar, J. L., Perera, K. U., DeYoung, K. A., Harrington-LaMorie, J., & Haigney, D., & **Ghahramanlou-Holloway, M.** (2017). Perspectives of suicide bereaved individuals on military suicide decedents' life stressors and male gender role stress. *Archives of Suicide Research*, 21(1), 155-168.

26. *Kochanski-Ruscio, K., Nademin, E., Perera, K., LaCroix, J. M., Baer, M., Hassen, H. O., Englert, M. D., & **Ghahramanlou-Holloway, M.** (2017). An examination of United States Air Force suicide decedents based on documented suicide attempt histories. *Archives of Suicide Research*, 21(4), 556-567.
27. *Bakalar, J. L., Carlin, E. A., Blevins, C. L., & **Ghahramanlou-Holloway, M.** (2016). Generalizability of evidence-based PTSD psychotherapies to suicidal individuals: A review of the Veterans Administration and Department of Defense Clinical Practice Guidelines. *Military Psychology*, 28(5), 331-343.
28. *VanSickle, M., Tucker, J., Daruwala, S., & **Ghahramanlou-Holloway, M.** (2016). Development and psychometric evaluation of the Military Suicide Attitudes Questionnaire (MSAQ). *Journal of Affective Disorders*, 203, 158-165.
29. *VanSickle, M., Werbel, A., Perera, K., Pak, K., DeYoung, K., & **Ghahramanlou-Holloway, M.** (2016). Principal component analysis of the Suicide Opinion Questionnaire in a U.S. military sample of Marine Corps Non-Commissioned Officers. *Military Medicine*, 181(7), 672-679.
30. *VanSickle, M., Werbel, A., Perera, K., Pak, K., DeYoung, K., & **Ghahramanlou-Holloway, M.** (2016). Perceived barriers to seeking mental health care among United States Marine Corps Noncommissioned Officers serving as gatekeepers for suicide prevention. *Psychological Assessment*, 28(8), 1020-1025.
31. Currier, G. W., Brown, G. K., Brenner, L. A., Chesin, M., Knox, K. L., **Ghahramanlou-Holloway, M.**, & Stanley, B. (2015). Rationale and study protocol for a two-part intervention: Safety planning and structured follow-up among Veterans at risk for suicide and discharged from the Emergency Department. *Contemporary Clinical Trials*, 43, 179-184.
32. **Ghahramanlou-Holloway, M.**, Neely, L. L., Tucker, J., Caffery, K., Colborn, V., & Koltko, V. (2015). Inpatient cognitive behavior therapy approaches for suicide prevention. *Current Treatment Options in Psychiatry*, 2(4), 371-382.
33. *Greene-Palmer, F. N., Wagner, B. M., Neely, L. L., Cox, D. W., Kochanski, K. M., Perera, K. U., & **Ghahramanlou-Holloway, M.** (2015). How parental reactions change in response to adolescent suicide attempt. *Archives of Suicide Research*, 19(4), 414-421.
Archives of Suicide Research 2015 Paper of the Year Award
34. **Ghahramanlou-Holloway, M.**, Neely, L. L., & Tucker, J. (2014). A cognitive-behavioral strategy for preventing suicide. *Current Psychiatry*, 13(8), 18-25.
35. **Ghahramanlou-Holloway, M.**, Brown, G. K., Currier, G. W., Brenner, L., Knox, K. L., Grammer, G., Carreno-Ponce, J. T., & Stanley, B. (2014). Safety Planning for Military (SAFE MIL): Rationale, design, and safety considerations of a randomized controlled trial to reduce suicide risk among psychiatric inpatients. *Contemporary Clinical Trials*, 39(1), 113-123.
36. **Ghahramanlou-Holloway, M.**, Tucker, J., Neely, L. L., Carreno-Ponce, J. T., Ryan, K., Holloway, K., & George, B. (2014). Suicide risk among military women. *Psychiatric Annals*, 44(4), 189-193.
37. *Kochanski-Ruscio, K. M., Carreno-Ponce, J. T., DeYoung, K., Grammer, G., & **Ghahramanlou-Holloway, M.** (2014). Diagnostic and psychosocial differences in psychiatrically hospitalized military service members with single versus multiple suicide attempts. *Comprehensive Psychiatry*, 55(3), 450-456.

38. *Neely, L. L., Tucker, J., Carreno, J. T., Grammer, G., & **Ghahramanlou-Holloway, M.** (2014). Suicide risk assessment and management guidance for military psychologists. *The Military Psychologist*, 29(3), 18-21.
Third Place Writing Contest, Division 19 (Military Psychology), American Psychological Association
39. *Martin, J. S., **Ghahramanlou-Holloway, M.**, Englert, D. R., Bakalar, J. L., Olsen, C., Nademin, E. M., Jobes, D. A., & Branlund, S. (2013). Marital status, life stressor precipitants, and communications of distress and suicide intent in a sample of United States Air Force suicide decedents. *Archives of Suicide Research*, 17(2), 148-160.
40. *Neely, L. L., Irwin, K., Carreno Ponce, J. T., Perera, K., Grammer, G., & **Ghahramanlou-Holloway, M.** (2013). Post-admission cognitive therapy (PACT) for the prevention of suicide in military personnel with histories of trauma: Treatment development and case example. *Clinical Case Studies*, 12(6), 457-473.
41. **Ghahramanlou-Holloway, M.**, Bhar, S. S., Brown, G. K., Olsen, C., & Beck, A. T. (2012). Changes in problem solving appraisal after cognitive therapy for the prevention of suicide. *Psychological Medicine*, 42(6), 1185-1193.
42. **Ghahramanlou-Holloway, M.**, Cox, D. W., & Greene, F. N. (2012). Post-admission cognitive therapy: A brief intervention for psychiatric inpatients admitted after a suicide attempt. *Cognitive and Behavioral Practice*, 19(2), 233-244.
43. Knox, K. L., Stanley, B., Currier, G. W., Brenner, L., **Ghahramanlou-Holloway, M.**, Brown, G. (2012). An emergency department-based brief intervention for Veterans at risk for suicide (SAFE VET). *American Journal of Public Health*, 102(S1), S33-S37.
44. *Cox, D. W., **Ghahramanlou-Holloway, M.**, Greene, F. N., Bakalar, J. L., Schendel, C. L., Nademin, M. E., Jobes, D. A., Englert, D. R., & Kindt, M. (2011). Suicide in the United States Air Force: Risk factors communicated before and at death. *Journal of Affective Disorders*, 133(3), 398-405.
45. *Cox, D. W., **Ghahramanlou-Holloway, M.**, Szeto, E. H., Greene, F. N., Engel, C., Wynn, G. H., Bradley, J., & Grammer, G. (2011). Gender differences on documented trauma histories: Inpatients admitted to a military psychiatric unit for suicide-related thoughts or behaviors. *The Journal of Nervous and Mental Disease*, 199(3), 183-190.
46. *Dennis, J. P., **Ghahramanlou-Holloway, M.**, Cox, D. W., & Brown, G. K. (2011). A guide for the assessment and treatment of suicidal patients with traumatic brain injuries. *The Journal of Head Trauma Rehabilitation*, 26(4), 244-256.
47. **Ghahramanlou-Holloway, M.** (2011). Lessons learned from a soldier's suicide in Iraq. A response to Russell Carr [Peer commentary on the journal article "When a soldier commits suicide in Iraq: Impact on unit and caregivers"]. *Psychiatry*, 74(2), 115-117.
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2. Jeschke, A. E., LaCroix, J. M., Fox, A. M., Novak, L. A., & **Ghahramanlou-Holloway, M.** (in press). Reintegration and military family health: Military training and its relationship to post-deployment role conflict in intimate partner relationships. In U. Kumar, *Routledge international handbook of military psychology and mental health* (pp. xx-xx). New York, NY, US: Routledge: Taylor and Francis Group.
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11. *Koss, K., Neely, L. L., Tucker, J., VanSickle, M., & **Ghahramanlou-Holloway, M.** (2014). Impulsivity, problem-solving, and suicide: Assessment and treatment considerations in the context of scientific literature. In M. C. Olmstead (Ed.), *Psychology of impulsivity: New research* (pp. 1-20). New York: Nova Publications.
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2. North Atlantic Treating Organization, Science and Technology Organization. (2018). *Military suicide prevention: Report prepared for NATO leadership*. Paris, France. doi: 10.14339/STO-TR-HFM-218. https://www.sto.nato.int/publications/Pages/Technical_Reports_List.aspx
[Chair of Task Group and Editor of Technical Report: **Ghahramanlou-Holloway, M.**]

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2. Suicide Care, Prevention, and Research Initiative. (2018). *Special Operations Forces Chaplaincy workbook for suicide prevention, intervention, and postvention*. (Award F2VUCC7172G001 to Principal Investigator: **Ghahramanlou-Holloway, M.**). Bethesda, MD: Uniformed Services University of the Health Sciences.

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2. Suicide Care, Prevention, and Research Initiative. (2018). *Building mastery of Rational-Thinking and Emotional-Regulation through Problem-Solving (REPS) during military training* (Award QB6H5A66F017MP to Principal Investigator: **Ghahramanlou-Holloway, M.**). Bethesda, MD: Uniformed Services University of the Health Sciences.

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Army STARRS Collaborator Acknowledged on Publications

Army STARRS = The Army Study to Assess Risk and Resilience in Servicemembers

1. Millner et al., (2019). Prior mental disorders and lifetime suicidal behaviors among US Army soldiers in the Army Study to Assess Risk and Resilience in Servicemembers (Army STARRS). *Suicide and Life Threatening Behavior*, 49(1), 3-22.
2. Millner et al., (2018). Lifetime suicidal behaviors and career characteristics among U.S. Army soldiers: Results from the Army Study to Assess Risk and Resilience in Servicemembers (Army STARRS). *Suicide and Life Threatening Behavior*, 48(2), 230-250.
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7. Naifeh et al., (2017). Neurocognitive function and suicide in U.S. Army soldiers. *Suicide and Life Threatening Behavior*, 47(5), 589-602.
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14. Colpe et al., (2015). Mental health treatment among soldiers with current mental disorders in the Army Study to Assess Risk and Resilience in Service Members (Army STARRS). *Military Medicine*, 180(10), 1041-1051.
15. Gadermann et al., (2015). Classifying U.S. Army military occupational specialties using the Occupational Information Network. *Military Medicine*, 179(7), 752-761.

16. Stein et al., (2015). Prospective longitudinal evaluation of the effect of deployment-acquired traumatic brain injury on posttraumatic stress and related disorders: results from the Army Study to Assess Risk and Resilience in Servicemembers (Army STARRS). *American Journal of Psychiatry*, 172(11), 1101-1111.
17. Street et al., (2015). Understanding the elevated suicide risk of female soldiers during deployments. *Psychological Medicine*, 45(4), 717-726.
18. Thomas et al. (2015). Measurement of latent cognitive abilities involved in concept identification learning. *Journal of Clinical and Experimental Neuropsychology*, 37(6), 653-669.
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26. Ursano et al., (2014). The Army study to assess risk and resilience in servicemembers (Army STARRS). *Psychiatry*, 77(2), 107-119.

Peer-Reviewed Presentations and Published Abstracts

1. Ryan, A., Ingram, W., Wilcox, H., Umhau, J., **Ghahramanlou-Holloway, M.**, & Deuster, P. (2019, October). *Latent class profiles of serum fatty acids are associated with risk of suicide in military personnel*. Paper to be presented at the International Summit on Suicide Research, Miami, FL.
2. LaCroix, J. M., Lee-Tauler, S. Y., Grammer, J., Baggett, M., Vileta, S., Trieu, T., Fox, A., Darmour, C., Finton, B., Bottema, J., Bowling, E., Hosak, M., Walsh, A., & **Ghahramanlou-Holloway, M.** (2019, August). *Universal approaches for military suicide prevention*. Panel to be presented at the VA/DoD Suicide Prevention Conference, Nashville, TN.
3. Lee-Tauler, S. Y., LaCroix, J., Grammer, J., Bond, A., Carter, M., Walsh, A., & **Ghahramanlou-Holloway, M.** (2019, August). *Chaplains-CARE program for military suicide prevention*. Panel to be presented at the VA/DoD Suicide Prevention Conference, Nashville, TN.
4. Lee-Tauler, S. Y., LaCroix, J. M., Perera, K. U., Weaver, J. J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2019, May). *Changes in military service members' social interactions following discharge from inpatient psychiatric care for suicidal crisis*. Poster presented at the Annual Meeting at the American Psychiatric Association, San Francisco, CA.
5. *Bond, A., Lee-Tauler, S. Y., Jeschke, E. A., LaCroix, J. M., De Oliveira, F. P., Fox, A. M., Perera, K. U., Goldston, D. B., Weaver, J. J., Soumoff, A. A., & **Ghahramanlou-Holloway, M.** (2019, April). *A qualitative examination of abuse histories within suicide narratives*. Poster presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
6. *Burke, D. J., De Oliveira, F. P., Lee-Tauler, S. Y., Jeschke, E. A., LaCroix, J. M., Perera, K. U., Grammer, J., Nademin, E., Englert, D., Jobes, D., & **Ghahramanlou-Holloway, M.** (2019, April). *Themes of social connectedness and loss in suicide notes written by United States Air Force suicide decedents*. Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
7. *Darmour, C., Luk, J., LaCroix, J. M., Perera, K. U., Choi, E. M., Goldston, D. B., Weaver, J. J., Soumoff, A. A., & **Ghahramanlou-Holloway, M.** (2019, April). *General and military social support and social stress in relation to hazardous drinking, depressive symptoms, and hopelessness in a suicidal inpatient sample of military service members and dependents*. Poster presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
8. *De Oliveira, F. P., Bond, A., Burke, D., Darmour, C., Lee-Tauler, S. Y., Jeschke, E. A., LaCroix, J., Goldston, D., Soumoff, A., Weaver, J., **Ghahramanlou-Holloway, M.** (2019, April). *Learning about shame and guilt through a qualitative analysis of suicide attempt narratives shared during psychotherapy*. Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
9. *De Oliveira, F. P., Bond, A., Darmour, C. A., Burke, D., Lee-Tauler, S. Y., Jeschke, E. A., LaCroix, J. M., Perera, K. U., Goldston, D. B., Soumoff, A., Weaver, J., **Ghahramanlou-Holloway, M.** (2019, April). *A qualitative examination of shame, guilt, and emotion regulation among psychiatric inpatients admitted following a suicide-related crisis*. Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.

10. *Fox, A. M., Luk, J. W., LaCroix, J. M., Perera, K. U., Choi, E. M., Goldston, D. B., Soumoff, A. A., Weaver, J. J., & **Ghahramanlou-Holloway, M.** (2019, April). *Do sleep characteristics differentiate psychiatric inpatients with lifetime suicide attempt(s) from those with only lifetime suicide ideation?* Poster presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
11. *Jeschke, E. A., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2019, April). *Diving deep with chaplains: An existential expedition into military suicide.* Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
12. *Jeschke, E. A., Martinez, H. R., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2019, April). *Awakening death to life: A phenomenological exploration of military suicide narratives.* Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
13. LaCroix, J. M., Lee-Tauler, S. Y., Jeschke, E. A., Grammer, J., Bond, A., Darmour, C. D., Choi, E. M., Youstra, G., & **Ghahramanlou-Holloway, M.** (2019, April). *Suicide prevention, intervention, and postvention experiences of Special Operations Forces (SOF) chaplaincy: Development of a targeted workbook and training curriculum.* Symposium presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
14. LaCroix, J. M., Jeschke, E. A., Lee-Tauler, S. Y., Grammer, J., Carter, M., & **Ghahramanlou-Holloway, M.** (2019, April). *Bridging the gap: Two case examples of multidisciplinary collaboration with chaplains for the prevention of military suicide.* Symposium presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
15. Luk, J. W., LaCroix, J. M., Thompson, M. F., Darmour, C. A., Perera, K., Goldston, D. B., Soumoff, A. A., Weaver, J. J., & **Ghahramanlou-Holloway, M.** (April, 2019). *Hazardous drinking and clinical correlates among suicidal patients receiving psychiatric inpatient care at military medical settings.* Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
16. *Novak, L. A., Perera, K., Thompson, M. F., Darmour, C. A., LaCroix, J. M., Goldston, D. B., Soumoff, A. A., Weaver, J. J., & **Ghahramanlou-Holloway, M.** (2019, April). *Cognitive flexibility and suicide attempt risk among United States service members and beneficiaries.* Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
17. *Thompson, M. F., Luk, J. W., LaCroix, J. M., Trieu, T. H., Perera, K., Goldston, D. B., Soumoff, A. A., Weaver, J. J., & **Ghahramanlou-Holloway, M.** (2019, April). *Understanding the role of emotion dysregulation in unplanned suicide attempts.* Paper presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
18. *Trieu, T. H., Kerr, N. A., Luk, J. W., LaCroix, J. M., Darmour, C. A., Novak, L. A., Goldston, D. B., Weaver, J. J., Soumoff, A. A., & **Ghahramanlou-Holloway, M.** (2019, April). *Examining suicide ideation and attempt history as correlates of perceived barriers to care among psychiatric inpatients in military treatment facilities.* Poster presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.
19. Van Sickle, M., LaCroix, J. M., Kerr, N., & **Ghahramanlou-Holloway, M.** (2019, April). *Adaptation, feasibility, acceptability, and fidelity of a brief, group-based cognitive-behavioral therapy intervention for suicide in a military treatment facility.* Symposium presented at the Annual Meeting of the American Association of Suicidology, Denver, CO.

20. *Trieu, T. H., Perera, K. U., LaCroix, J. M., Goldston, D. B., Weaver, J. J., Soumoff, A. A., & **Ghahramanlou-Holloway, M.** (2018, November). *Examining the links between acquired capability and preparations for suicide in a sample of psychiatric inpatients at risk for suicide*. Poster presented at the Annual Meeting of the Association of Military Surgeons of the United States, National Harbor, MD.
21. *Bond, A. E., Fox, A., LaCroix, J. M., Koltko, V., Ponce, J., & **Ghahramanlou-Holloway, M.** (2018, November). *Asking for help: Patterns of help-seeking for abuse survivors before a suicidal crisis*. Poster presented at the Annual Meeting of the International Society for Traumatic Stress Studies, Washington, DC.
22. *Trieu, T. H., Perera, K. U., LaCroix, J. M., Baer, M., Schuler, K., Goldston, D., Weaver, J., Soumoff, A. A., & **Ghahramanlou-Holloway, M.** (2018, November). *Male gender role stress, acquired capability for suicide, and lethality of suicide attempt method in a sample of psychiatric inpatients at risk for suicide*. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Washington, DC.
23. *De Oliveira, F. P., & **Ghahramanlou-Holloway, M.** (2018, September). *Shame, guilt, and suicide risk: Literature review, conceptual model, and recommendations*. Poster presented at the Annual Meeting of the European Symposium on Suicide and Suicidal Behaviour, Ghent, Belgium.
24. **Ghahramanlou-Holloway, M.**, LaCroix, J. M., Perera, K., Fox, A., Bond, A., Ribeiro, S. P., Goldston, D., Weaver, J., & Soumoff, A. (2018, September). *Cognitive behavioral inpatient program for suicide prevention*. Paper presented at the Annual Meeting of the European Symposium on Suicide and Suicidal Behaviour, Ghent, Belgium.
25. **Ghahramanlou-Holloway, M.**, Novak, L., LaCroix, J. M., Perera, K., Baer, M., Fox, A., Bond, A., & Ribeiro, S. P. (2018, September). *Building a unified infrastructure for suicide death reviews in the United States military*. Poster presented at the Annual Meeting of the European Symposium on Suicide and Suicidal Behaviour, Ghent, Belgium.
26. LaCroix, J. M., VanSickle, M. R., Fox, A. M., Novak, L. A., & **Ghahramanlou-Holloway, M.** (2018, September). *Military suicide attitudes and barriers to seeking mental healthcare*. Poster presented at the Annual Meeting of the European Symposium on Suicide & Suicidal Behaviour, Ghent, Belgium.
27. LaCroix, J. M., **Ghahramanlou-Holloway, M.**, Novak, L. A., & Clark, L. (2018, September). *Chaplains-CARE: Suicide intervention skills training for military chaplains*. Poster presented at the Annual Meeting of the European Symposium on Suicide & Suicidal Behaviour, Ghent, Belgium.
28. Clark, L., Garfinkle, T., Montgomery, M., Dorsey, R., Grammer, J., Schuler, K., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2018, June). *Standardized patients and military chaplains: Simulation training in support of service members at risk for suicide*. Symposium presented at the Annual Meeting of the Association of Standardized Patient Educators, Kansas City, MO.
29. *Baer, M., LaCroix, J., Schuler, K., Perera, K., Choi, E., Trieu, T., Vincent, J., Martinez, H., Fox, A., Bond, A., Lee-Tauler, S. Y., Goldston, D., Weaver, J., Soumoff, S., & **Ghahramanlou-Holloway, M.** (2018, April). *Suicide attempt method variation across multiple lifetime attempts does not link with elevated impulsivity or emotion dysregulation: Implications for suicide behavior classification*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.

30. *Baer, M., LaCroix, J., Schuler, K., Perera, K., Choi, E., Vincent, J., Trieu, T., Coleman, E., Lee-Tauler, S. Y., Goldston, D., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Examining suicide attempt types within an ideation-to-action framework: Interrupted/aborted attempts are clinically similar to actual attempts*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
31. *Bond, A., LaCroix, J., Sterling, G., Perera, K., Ponce, J., Fox, A., Koltko, V., Lee-Tauler, S. Y., Goldston, D., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Childhood and adulthood abuse and perceived social support among military personnel admitted for psychiatric inpatient care following a suicide-related crisis*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
32. Brown, G., Stanley, B., Brenner, L., & **Ghahramanlou-Holloway, M.** (2018, April). *Reducing suicide risk among veterans and military service members in acute care settings*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
33. *Fox, A., Perera, K., Bond, A., Kauten, R., LaCroix, J., Lee-Tauler, S. Y., Goldston, D., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Suicide risk indicators, reasons for living, and reasons for dying in a sample of military personnel and beneficiaries admitted for psychiatric inpatient care*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
34. *Grammer, J., Schuler, K., LaCroix, J., Garfinkle, T., Clark, L., Sterling, G., Vesco, K., Stewart, C., Bond, A., Lee-Tauler, S. Y., Perera, K., & **Ghahramanlou-Holloway, M.** (2018, April). *Bring me to life: Methodology for simulated suicide intervention vignettes*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
35. *LaCroix, J., Clark, L., Schuler, K., Grammer, J., Garfinkle, T., Montgomery, M., & **Ghahramanlou-Holloway, M.** (2018, April). *Chaplains-CARE: Evidence-based suicide intervention skills training for Navy Chaplains*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
36. *LaCroix, J., Perera, K., Rowan, A., Irwin, K., Carreno, J., Grammer, J., & **Ghahramanlou-Holloway, M.** (2018, April). *Association between history of suicidality and receipt of career-affecting treatment recommendations following mental health contact in the United States Air Force*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
37. *Martinez, H., Lee-Tauler, S. Y., Vesco, K., Baer, M., Schuler, K., Perera, K., LaCroix, J., & **Ghahramanlou-Holloway, M.** (2018, April). *Interpersonal difficulties experienced by military members preceding suicide-related hospitalization*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
38. *Oliveira, F. D., Perera, K., Bond, A., Ribeiro, S., Lee-Tauler, S. Y., LaCroix, J., Rowan, A., Carreno, J., Grammer, J., & **Ghahramanlou-Holloway, M.** (2018, April). *Symptom distress and functioning among United States Air Force mental health outpatients with and without past or current suicide ideation*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
39. *Ponce, J., Lee-Tauler, S. Y., Koltko, V., Bond, A., Fox, A., Perera, K., LaCroix, J., Goldston, D., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Patterns of help-seeking behavior among psychiatrically hospitalized military personnel with adulthood sexual trauma*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.

40. *Ribeiro, S., Baer, M., Schuler, K., Fox, A., Bond, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Recruitment and retention: Lessons learned during a randomized clinical trial of Post Admission Cognitive Therapy for the prevention of suicide*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
41. *Ribeiro, S., LaCroix, J., Novak, L., Perera, K., De Oliveira, F., Lee-Tauler, S. Y., Goldston, D., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *The link between Posttraumatic Stress Disorder and functionality among individuals psychiatrically hospitalized following a suicide-related event*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
42. *Schuler, K., Baer, M., Lee-Tauler, S. Y., Kauten, R., Choi, E., Perera, K., LaCroix, J., Weaver, J., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2018, April). *Anxiety disorders and suicide characteristics among military service members and dependents admitted for inpatient psychiatric care*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
43. *Schuler, K., Perera, K., Baer, M., LaCroix, J., Lee-Tauler, S. Y., Nademin, E., & **Ghahramanlou-Holloway, M.** (2018, April). *Suicide intent communication versus noncommunication is associated with documented interpersonal suicide precipitants in a sample of United States Air Force suicide decedents*. Paper presented at the Annual Meeting of the American Association of Suicidology, Washington, DC.
44. *De Oliveira, F., Martinez, H., Garza, J., Mallonee, S., Clark, L., & **Ghahramanlou-Holloway, M.** (2017, November). *Teaching cognitive behavior therapy through standardized patients and simulation learning: An implementation model and case report*. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
45. Espejo, E., Bryan, C., **Ghahramanlou-Holloway, M.**, Snyder, D., Riggs, D. (2017, November). Clinically significant change in a pilot trial of Post Admission Cognitive Therapy: An inpatient cognitive behavioral protocol for military suicide prevention. In F. Leifker (Chair), *Innovations in CBT for active duty military personnel*. Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
46. Shari Jager-Hyman, Brown, G., Green, K., Haigh, E., **Ghahramanlou-Holloway, M.**, Wiltsey-Stirman, S., Carey, M., & Beck, A. (2017, November). Cognitive therapy for the prevention of suicide attempts in community settings: A randomized controlled trial. In R. Beidas (Chair), *Bench to bedside: Understanding suicide prevention from biomarkers to implementation science*. Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
47. **Ghahramanlou-Holloway, M.** (2017, August). *Suicide death reviews: Generating lessons learned and recommendations for military suicide prevention*. Symposium presented at the DoD/VA Suicide Prevention Conference, Denver, CO.
48. **Ghahramanlou-Holloway, M.** (2017, August). *North Atlantic Treaty Organization (NATO) report on military suicide: Findings and recommendations*. Symposium presented at the DoD/VA Suicide Prevention Conference, Denver, CO.
49. **Ghahramanlou-Holloway, M.**, LaCroix, J., & Shirley, S. S. (2017, August). *Engaging military chaplains in evidence-informed suicide prevention strategies: Two case examples*. Symposium presented at the DoD/VA Suicide Prevention Conference, Denver, CO.

50. Ilgen, M., Britton, P., & **Ghahramanlou-Holloway, M.** (2017, August). *A review of several psychiatric inpatient programs for the prevention of suicide among active military and veterans.* Symposium presented at the DoD/VA Suicide Prevention Conference, Denver, CO.
51. *LaCroix, J., Perera, K., Neely, L., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, August). *Clinically significant change following Post Admission Cognitive Therapy for suicidal military service members with histories of trauma: A pilot randomized controlled trial.* Symposium presented at the DoD/VA Suicide Prevention Conference, Denver, CO.
52. *Baer, M., LaCroix, J., Coleman, E., Schuler, K., Perera, K., Mariano, A., Soumoff, A., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, June). *An examination of non-suicidal self-injury within the framework of the interpersonal-psychology theory of suicide in a military sample.* Paper presented at the Annual Meeting of the International Society for the Study of Self-Injury, Philadelphia, PA.
53. **Ghahramanlou-Holloway, M.** (2017, June). *Post Admission Cognitive Therapy (PACT): An inpatient treatment program for the prevention of suicide.* Workshop presented at Aeschi 9: Suicide across the Lifespan, Vail, CO.
54. *Kauten, R. L., Baer, M., Schuler, K., Ponce, G., Fox, A., Ribeiro, S., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2017, June). *Post-Admission Cognitive Therapy: A case study with a spotlight on transgender issues in the military.* Poster presented at Aeschi 9: Suicide across the Lifespan, Vail, CO.
55. *LaCroix, J. M., Perera, K., Neely, L. N., Grammer, G., Weaver, J., **Ghahramanlou-Holloway, M.** (2017, June). *Clinically significant change following Post Admission Cognitive Therapy for military service members: Two randomized controlled pilot trials.* Poster presented at Aeschi 9: Suicide across the Lifespan, Vail, CO.
56. *Sterling, A. G., LaCroix, J. M., & **Ghahramanlou-Holloway, M.** (2017, June). *Grieving the loss of a patient to suicide: Clinician-survivorship recommendations and future directions.* Poster presented at Aeschi 9: Suicide across the Lifespan, Vail, CO.
57. *Stewart, C., Schuler, K., LaCroix, J. M., Baer, M., & **Ghahramanlou-Holloway, M.** (2017, June). *Spirituality/religiosity as protective factors for suicide ideation and behaviors: Limitations and future directions.* Poster presented at Aeschi 9: Suicide across the Lifespan, Vail, CO.
58. *Baer, M., LaCroix, J., Hassen, H., Perera, K., Schuler, K., Goldston, D., King, C., Soumoff, A., Weaver, J., Daruwala, S., & **Ghahramanlou-Holloway, M.** (2017, April). *Which painful and provocative events? Predictors of acquired capability for suicide among patients receiving inpatient psychiatric care at two military treatment facilities.* Paper and poster presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
59. *Daruwala, S. E., LaCroix, J., Fox, A., Sterling, G., Baer, M., Hassen, H., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2017, April). *Male gender role conflict-driven themes as barriers to seeking help prior to military suicide-related psychiatric hospitalizations.* Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
60. *Daruwala, S. E., Worthington, D., LaCroix, J., Perera, K., Hassen, H., Baer, M., Goldston, D., Soumoff, A., & **Ghahramanlou-Holloway, M.** (2017, April). *Examining impulsivity and emotion dysregulation in relation to preparatory behavior in a sample of psychiatric inpatients recently hospitalized for a suicide-related crisis.* Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.

61. *De Oliveira, F., LaCroix, J., Perera, K., Ribeiro, S., Martinez, H., & **Ghahramanlou-Holloway, M.** (2017, April). *Themes of shame associated with self-hatred, loss of status, perceived burdensomeness, and thwarted belongingness in a sample of United States Air Force suicide decedents*. Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
62. *De Oliveira, F., Ribeiro, S., & **Ghahramanlou-Holloway, M.** (2017, April). *Shame, guilt, and suicide risk: Literature review, conceptual model, and recommendations*. Paper presented at the Annual Meeting of the American Association for Suicidology, Phoenix, AZ.
63. **Ghahramanlou-Holloway, M.**, Ellis, T. E., & Britton, P. C. (2017, April). Post admission cognitive therapy: An inpatient cognitive behavioral program. In **M. Ghahramanlou-Holloway** (Chair), *A review of several psychiatric inpatient programs for the prevention of suicide*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
64. **Ghahramanlou-Holloway, M.**, Ilgen, M., & Gysin-Maillart, A. (2017, April). Cognitive behavior therapy in the prevention of suicide. In **M. Ghahramanlou-Holloway** (Chair), *The clinical utility of suicide narratives in the context of psychotherapies addressing suicide risk*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
65. **Ghahramanlou-Holloway, M.**, LaCroix, J., Shirley, S., & Baggett, M. (2017, April). Special Operations cognitive agility program: Enhancing adaptive thinking and overall mental fitness among Special Operations Forces and families. In J. LaCroix (Chair), *Description of current suicide prevention programs under development for the United States Special Operations community*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
66. **Ghahramanlou-Holloway, M.**, Neely, L., Anestis, M., Shechter, O., & Griffis, H. (2017, April). DoD-wide annual suicide death reviews: Generating lessons learned and recommendations for military suicide prevention. In L. Neely (Chair), *Innovative research efforts in support of the defense strategy for suicide preventions strategic directions*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
67. **Ghahramanlou-Holloway, M.**, Pak, K., Moore, M., & Ruocco, K. (2017, April). Missed opportunities for military suicide prevention: Perspectives of suicide loss survivors. In K. Pak (Chair), *Learning from the experiences of military suicide survivors, advancing suicide bereavement research, and postvention recommendations*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
68. *Hassen, H., LaCroix, J., Baer, M., Daruwala, S. E., Soumoff, A., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, April). *Ambivalence toward death, help seeking behaviors, and suicidality among military psychiatric inpatients*. Paper and poster presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
69. *Kauten, R., LaCroix, J., Baer, M., Hassen, H., Daruwala, S. E., Goldston, D., Soumoff, A., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, April). *Narcissistic personality beliefs and suicidality among military personnel and dependents psychiatrically hospitalized following a suicidal crisis*. Poster presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
70. *Koltko, V., LaCroix, J., & **Ghahramanlou-Holloway, M.** (2017, April). *Attrition from psychotherapy randomized controlled trials targeting suicide prevention and lessons learned*. Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.

71. *LaCroix, J., Perera, K., Neely, L., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, April). *Clinically significant change following Post Admission Cognitive Therapy for suicidal military service members with histories of trauma: A pilot randomized controlled trial*. Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
72. *LaCroix, J., Sterling, G., Daruwala, S., Kauten, R., & **Ghahramanlou-Holloway, M.** (2017, April). *Suicide prevention programmatic efforts within military basic training: Summary of prior research and current research initiative supported by the United States Defense Suicide Prevention Office*. Paper presented at the North Atlantic Treating Organization, Science and Technology Office, Human Factors & Medicine Research Symposium 275 on Military Suicide Prevention, Riga, Latvia.
73. *Martinez, H., Hassen, H., Perera, K., LaCroix, J., Nademin, E., Englert, D., & **Ghahramanlou-Holloway, M.** (2017, April). *A comparison of United States Air Force suicide decedents with and without documented relationship distress 24-hours prior to suicide*. Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
74. *Schuler, K., Ponce, J., LaCroix, J., Soumoff, A., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, April). *Characterizing suicidal service members who sought help from chaplains*. Poster presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
75. Shirley, S., Bagget, M., LaCroix, J., & **Ghahramanlou-Holloway, M.** (2017, April). *United States Special Operations Command, Preservation of the Force and Family: Two case examples of initiatives for suicide prevention*. Paper presented at the North Atlantic Treating Organization, Science and Technology Office, Human Factors & Medicine Research Symposium 275 on Military Suicide Prevention, Riga, Latvia.
76. VanSickle, M., & **Ghahramanlou-Holloway, M.** (2017, April). *Brief assessment and intervention on suicide attitudes and barriers to mental health care aboard a U.S. naval vessel*. Paper presented at the Annual Meeting of the American Association of Suicidology, Phoenix, AZ.
77. *Hassen, H., LaCroix, J., Baer, M., Sterling, G., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2017, January). *Masculinity and self-harm in the military: Non-suicidal self injury may protect against masculine gender role stress*. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.
78. *Baer, M., & **Ghahramanlou-Holloway, M.** (2016, November). *Non-suicidal self-injury enhances suicide risk among military personnel with lifetime attempted suicide*. Poster presented at the Association of Military Surgeons of the United States, National Harbor, MD.
79. **Ghahramanlou-Holloway, M.**, & Neely, L. L. (2016, November). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicide behavior*. Poster presented at the Association of Military Surgeons of the United States, National Harbor, MD.
80. *Baer, M., LaCroix, J., Browne, J., Neely, L., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2016, October). *Emotion dysregulation, impulsivity, and the Interpersonal Theory of Suicide in a military inpatient sample*. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.
81. Lee, D., Green, J., & Bryan, C. (2016, October). *Preventing suicide among military and veteran populations*. **M. Ghahramanlou-Holloway** (Discussant). Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.

82. **Ghahramanlou-Holloway, M.** (2016, September). *North Atlantic Treaty Organization (NATO) Research Task Group on military suicide: Brief report of findings*. Poster presented at the European Symposium on Suicide and Suicidal Behaviour, Oviedo, Spain.
83. **Ghahramanlou-Holloway, M.** (2016, September). *Inpatient programs for the prevention of suicide: Brief review of scientific literature and recommendations*. Poster presented at the European Symposium on Suicide and Suicidal Behaviour, Oviedo, Spain.
84. **Ghahramanlou-Holloway, M.** (2016, September). *Post Admission Cognitive Therapy (PACT): An inpatient cognitive behavioral program for suicide prevention*. Oral communication presented at the European Symposium on Suicide and Suicidal Behaviour, Oviedo, Spain.
85. **Ghahramanlou-Holloway, M., & Firestone, L.** (2016, September). *Assessing suicide risk in military psychiatric inpatient sample using the Firestone Assessment of Self-Destructive Thoughts (FAST)*. Poster presented at the European Symposium on Suicide and Suicidal Behaviour, Oviedo, Spain.
86. *Daruwala, S., Perera, K., Tucker, J., VanSickle, M., Neely, L., Grammer, G., Weaver, J., Ilgen, M., King, C., Goldston, D., & **Ghahramanlou-Holloway, M.** (2016, August). *Associations between Self-Efficacy to Avoid Suicidal Actions (SEASA) and severity of suicide ideation in psychiatrically hospitalized military personnel*. Poster presented at the Annual Meeting of the Military Health System Research Symposium, Orlando, FL.
87. **Ghahramanlou-Holloway, M., Shirley, S., LaCroix, J., Barbour, A., Browne, J., Colborn, V., Koltko, V., Perera, K., & Neely, L.** (2016, August). *Development and refinement of an evidence-based suicide prevention workbook for the chaplaincy community serving the unique needs of Special Operations Forces: Preliminary progress*. Poster presented at the Annual Meeting of the Military Health System Research Symposium, Orlando, FL.
88. *Tucker, J., Neely, L. L., & **Ghahramanlou-Holloway, M.** (2016, August). *A qualitative analysis of crisis narratives: Loss of meaningful work and shattered beliefs trigger suicidality*. Poster presented at the Annual Meeting of the American Psychological Association, Denver, CO.
89. *Tucker, J., Neely, L. L., & **Ghahramanlou-Holloway, M.** (2016, August). *Credit is due: The plethora of coping strategies used by service members prior to a suicidal crisis*. Poster presented at the Annual Meeting of the American Psychological Association, Denver, CO.
90. **Ghahramanlou-Holloway, M., & Shirley, S. A.** (2016, June). *Suicide prevention workbook for Special Operations Forces (SOF) chaplaincy community*. In S. Shirley (Chair), *Claiming our place at the table: Chaplain research initiatives*. Symposium presented at the Annual Meeting of the Association for Professional Chaplains, Orlando, FL.
91. *Baer, M., Browne, J., Neely, L., Weaver, J., Grammer, G., Goldston, D., King, C., & **Ghahramanlou-Holloway, M.** (2016, March). *Examination of the Gratz/Roemer model of emotion dysregulation among suicidal military inpatients*. Paper presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
92. *Colborn, V., Perera, K., Hassen, H., Neely, L., King, C., Goldston, D., Grammer, G., Weaver, J., & **Ghahramanlou-Holloway, M.** (2016, March). *Relationship stress and suicide risk among psychiatrically hospitalized U.S. military service members*. Paper and poster presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
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93. **Ghahramanlou-Holloway, M.**, Adler, A., Brown, G., Stanley, B., Colborn, V., Bush, A., Chadhury, S., Koss, K., Neely, L., & Barg, F. (2016, March). *Management of suicide-related events during deployment: A qualitative analysis of guided interviews and focus groups with Army behavioral health providers, chaplains, and leaders*. Paper presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
94. **Ghahramanlou-Holloway, M.**, Caceda, R., Neely, L., Perera, K., Browne, J., Grammer, G., Weaver, J., & Hassen, H. (2016, March). *Impulsivity-carelessness style as measured by the Social Problem-Solving Inventory: Comparison of military and civilian psychiatric inpatients admitted for suicidal thoughts and/or behaviors*. Poster presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
95. *Hassen, H., Neely, L., Perera, K., Grammer, G., Weaver, J., Goldston, D., King, C., & **Ghahramanlou-Holloway, M.** (2016, March). *Clinical significance of sleep efficiency among psychiatrically hospitalized suicidal military inpatients*. Poster presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
96. *Neely, L., Daruwala, S., Hassen, H., Weaver, J., Grammer, G., Goldston, D., King, C., & **Ghahramanlou-Holloway, M.** (2016, March). *Dysfunctional beliefs and associated personality disorders among military personnel psychiatrically hospitalized following a suicidal crisis*. Paper presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
97. *VanSickle, M., Bryan, C., Gutierrez, P., & Ilgen, M. (2016, March). *Innovative assessment instruments in suicide prevention: Development, empirical validation, and recent findings in military and veteran samples*. **M. Ghahramanlou-Holloway** (Discussant). Symposium presented at the Annual Meeting of the American Association of Suicidology, Chicago, IL.
98. **Ghahramanlou-Holloway, M.**, Neely, L., Tucker, J., & Perera, K. (2015, November). A multi-site randomized controlled trial of Post Admission Cognitive Therapy (PACT): An inpatient treatment program for the prevention of suicide. In K. Bentley (Chair), *Interventions for individuals at acute risk for suicide: Current research initiatives*. Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
99. Green, K. L., Stanley, B., Brown, G. K., Brenner, L. A., Currier, G. W., Knox, K. L., & **Ghahramanlou-Holloway, M.** (2015, November). The Safety Planning Intervention and follow-up engagement to reduce suicide risk in Veterans presenting to the emergency department. In K. Bentley (Chair), *Interventions for individuals at acute risk for suicide: Current research initiatives*. Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
100. *VanSickle, M., Daruwala, S., & **Ghahramanlou-Holloway, M.** (2015, August). *Development and Psychometric evaluation of the Military Suicide Attitudes Questionnaire*. Poster presented at the Annual Meeting of the American Psychological Association, Toronto, Canada.
101. *Tucker, J., Colborn, V., Caffery, K., Perera, K., Neely, L., & **Ghahramanlou-Holloway, M.** (2015, May). *Conceptualizing the role of emotions in the activation of suicidal crises among military personnel and the benefits of using emotional thermometers in treatment*. Poster presented at the Annual Meeting of the Uniformed Services University of the Health Sciences Research Week, Bethesda, MD.

102. *Baer, M., Koss, K., Perera, K., Neely, L., Pak, K., Colborn, V., & **Ghahramanlou-Holloway, M.** (2015, April). *Missed opportunities for military suicide prevention according to suicide survivors*. Poster presented at the Annual Meeting of the American Association of Suicidology, Atlanta, GA. 2015 AAS Student Poster Award
103. *Colborn, V., Tucker, J., Perera, K., Neely, L., Koss, K., & **Ghahramanlou-Holloway, M.** (2015, April). *Impulsivity among individuals with single versus multiple suicide attempts measured following psychiatric hospitalization at a military treatment facility*. Poster presented at the Annual Meeting of the American Association of Suicidology, Atlanta, GA.
104. **Ghahramanlou-Holloway, M.**, Brown, G., & Stanley, B. (2014, August). *Management of suicide-related events during deployment*. Paper presented at the Annual Military Health System Research Symposium, Fort Lauderdale, FL.
105. *Neely, L. L., & **Ghahramanlou-Holloway, M.** (2014, August). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial*. Paper presented at the Annual Military Health System Research Symposium, Fort Lauderdale, FL.
106. *Pak, K., Tucker, J., & **Ghahramanlou-Holloway, M.** (2014, August). *Suicide prevention for the U.S. Armed Forces: Literature review, conceptual model, and lessons learned*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, DC.
107. *VanSickle, M., & **Ghahramanlou-Holloway, M.** (2014, August). *A principal components analysis of the Perceived Barriers to Care measure in a U.S. Marine sample*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
108. *VanSickle, M., & **Ghahramanlou-Holloway, M.** (2014, August). *Opinions on suicide and barriers to care in Marine NCOs: Implications for suicide prevention*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, DC.
109. *Carreno-Ponce, J. T. & **Ghahramanlou-Holloway, M.** (2013, December). *Brief intervention to reduce suicide risk in military service members and Veterans*. Paper presented at the Research DoD/VA Educational Summit, DoD Suicide Prevention Office. Washington, DC.
110. *Carreno-Ponce, J. T., & **Ghahramanlou-Holloway, M.** (2013, August). *Current intervention evaluations underway: The "SafeMil" and "PACT" randomized controlled trials at WRNMMC*. Breakout session presented at the Military Health System Research Symposium, Ft. Lauderdale, FL.
111. *Neely, L. L., Irwin, K., Holloway, K., Perera, K., & Grammer, G., & **Ghahramanlou-Holloway, M.** (2013, August). *Problem solving in suicidal service members: Clinical observations versus self-report*. Breakout session presented at the Military Health System Research Symposium, Ft. Lauderdale, FL.
112. Gahm, G., & **Ghahramanlou-Holloway, M.** (2013, June). *An overview of US Military suicide surveillance findings*. Invited presentation for Estonian Ministry of Defense, Tallinn, Estonia.
113. Brown, G., & **Ghahramanlou-Holloway, M.** (2013, May). *Cognitive behavior therapy for suicidal patients*. Invited workshop at Aeschi West: Basic Principles in Working with Suicidal Adults, Vail, CO.

114. *Neely, L., Carreno-Ponce, J. T., Irwin, K., Perera, K., Grammer, G., & **Ghahramanlou-Holloway, M.** (2013, May). *Post Admission Cognitive Therapy (PACT) for the prevention of suicide in military personnel with histories of trauma: Treatment development and case example*. Poster presented at Aeschi West: Basic Principles in Working with Suicidal Adults, Vail, CO.
115. *Blevins, C. L., Brazaitis, K., Perera, K., Matthews, L., Zuercher, L., & **Ghahramanlou-Holloway, M.** (2013, April). *Mental health professionals' identification of suicide warning signs versus risk factors*. Poster presented at the Annual Meeting of the American Association of Suicidology, Austin, TX.
116. Brown, G., K., **Ghahramanlou-Holloway, M.**, & Green, K. L. (2013, April). *Cognitive therapy for the prevention of suicide among military personnel and Veterans: Ongoing research and clinical recommendations*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Austin, TX.
117. *MacIntyre, J., Perera, K., DeYoung, K., & **Ghahramanlou-Holloway, M.** (2013, April). *Psychiatric inpatient trauma histories: An examination of documented trauma histories in military inpatients admitted for suicide ideation, suicide attempt, and non-suicide related events*. Paper presented at the Annual Meeting of the American Association of Suicidology, Austin, TX.
118. Stanley, B., Matweychuk, W., Carreno Ponce, J. T., **Ghahramanlou-Holloway, M.**, & Brown, G. (2013, April). *Safety planning intervention: Challenges and obstacles to implementation*. Workshop presented at the Annual Meeting of the American Association of Suicidology, Austin, TX.
119. **Ghahramanlou-Holloway, M.**, Deyoung, K., Perera, K., Chavez, B., & Werbel, A. (2012, November). Preliminary findings on suicide prevention trainings for the U.S. Marine Corps non-commissioned officers and Navy behavioral health providers. In M. Spokas (Chair) and G. Brown (Discussant), *Training in suicide risk assessment and intervention*. Symposium presented at the Annual Meeting of the Association of Behavioral and Cognitive Therapies, National Harbor, MD.
120. **Ghahramanlou-Holloway, M.**, Jobes, D., Brown, G., Rudd, D., & Linehan, M. (2012, November). Evidence-based CBT approaches in inpatient care for suicide prevention. In K. Crowley (Chair), *Cognitive and behavioral therapies for suicide: What do we know, and what makes them work?* Symposium presented at the Annual Meeting of the Association of Behavioral and Cognitive Therapies, National Harbor, MD.
121. *George, B., Carlin, E., Testa, L., MacIntyre, J. M., & **Ghahramanlou-Holloway, M.** (2012, August). *Gender differences in military psychiatric inpatients admitted for suicide ideation*. Poster presented at the Annual Meeting of the American Psychological Association, Orlando, FL.
122. *Neely, L. L., & **Ghahramanlou-Holloway, M.** (2012, August). *Post admission cognitive therapy (PACT) for the prevention of suicide in military personnel with histories of trauma: Treatment development and case example*. Breakout session presented at the Military Health System Research Symposium, Ft. Lauderdale, FL.
123. *Neely, L. L., Spangler, P., Schendel, C., Lunt, R., Grammer, G., & **Ghahramanlou-Holloway, M.** (2012, June). *Post admission cognitive therapy following suicide attempt for active duty service members with PTSD: A case example*. Symposium presented at the Society for Psychotherapy Research Annual Conference, Virginia Beach, VA.

124. **Ghahramanlou-Holloway, M.**, Castro, C., Fitek, D., & Jobes, D. (2012, June). DoD funded inpatient psychotherapy randomized controlled trials for the prevention of suicide. In P. Gutierrez (Moderator), *Status of Department of Defense funded suicide research*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
125. **Ghahramanlou-Holloway, M.**, Conley, C., Cooper, K., Laukkala, T., Parmak, M., Sisask, M., & Zoellner, L. (2012, June). *Current efforts of the NATO Research Task Group on military suicide: Preliminary discussion of nation-specific military suicide trends and prevention strategies*. Symposium presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
126. *Kochanski, K., Bemis, J., Perera, K., Deyoung, K., & **Ghahramanlou-Holloway, M.** (2012, June). *Single vs. multiple suicide attempts in a psychiatrically hospitalized military sample*. Poster presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
127. *Rodney, H., Carreno, J., Grammer, J., VanSickle, M., Blevins, C., & **Ghahramanlou-Holloway, M.** (2012, June). *Mental health stigma and suicide prevention: Review and recommendations*. Poster presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
128. Stanley, B., Brown, G. K., **Ghahramanlou-Holloway, M.**, & Brenner, L. (2012, June). *Safety planning intervention to reduce suicide risk among military personnel and Veterans*. Symposium presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
129. *Sterling G., Bakalar, J., LaMorie, J., Carreno, J., Deyoung, K., Perera, K., VanSickle, M., & **Ghahramanlou-Holloway, M.** (2012, June). *Perspectives of military family survivors on suicide decedents' life stressors, male gender role stress, and help seeking*. Poster presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
130. *Zuercher, J., Brazaitis, K., Perera, K., Grammer, J., Blevins, C., Rodney, H., Chavez, B., & **Ghahramanlou-Holloway, M.** (2012, June). *United States behavioral healthcare providers' attitudes about suicide prevention*. Poster presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
131. *Bakalar, J., Carreno-Ponce, J., Sterling, G., DeYoung, K., Szeto, E., & **Ghahramanlou-Holloway, M.** (2012, April). *Military survivors' perspectives on interpersonal life stressors observed 30-days prior to their loved ones' suicide*. Poster presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
132. *Brazaitis, K., Schendel, C., Lunt, R., DeYoung, K., & **Ghahramanlou-Holloway, M.** (2012, April). *Measuring the lethality of suicide-related behaviors: A literature review*. Poster presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
133. **Ghahramanlou-Holloway, M.**, Knox, K., McKeon, R., & Stanley, B. (2012, April). SAFEMIL: Randomized controlled trial to test the efficacy of a brief Safety Planning intervention. In G. Brown (Moderator), *Brief interventions to reduce suicide risk for military servicemembers and Veterans in acute care settings*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.

134. **Ghahramanlou-Holloway, M.**, Fitek, D., Joiner, T., Jobes, D., & Rudd, D. (2012, April). Review of funded DoD suicide prevention inpatient psychotherapy clinical research trials. In P. Gutierrez (Moderator), *Status of Department of Defense funded suicide research*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
135. *Grammer, J., Carreno-Ponce, J., Pavletic, N., Zuercher, J., Perera, K., Brazaitis, K., Nademin, M., Englert, D., & **Ghahramanlou-Holloway, M.** (2012, April). *The relationship among hopelessness, thwarted belongingness, and perceived burdensomeness in a sample of United States Air Force suicide decedents*. Poster presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
136. *MacIntyre, J. M., Neely, L. L., & **Ghahramanlou-Holloway, M.** (2012, April). *Emotion dysregulation and suicide: Literature review and recommendations for research and clinical practice*. Paper presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
137. *Ryan, K., Blevins, C., Werbel, A., DeYoung, K., Szeto, E., & **Ghahramanlou-Holloway, M.** (2012, April). *Attitudinal changes toward suicide in a sample of United States Marine Corps non-commissioned officers following a suicide prevention training program*. Poster presented at the Annual Meeting of the American Association of Suicidology, Baltimore, MD.
138. **Ghahramanlou-Holloway, M.**, Vasterling, J. J., & Kester, K. E. (2011, December). Ethical challenges in the conduct of suicide prevention research with military populations. In L. Brosch (Chair), *Protecting our volunteers and our nation: The ethical challenges of military research*. Invited symposium presentation at the PRIM&R Advancing Ethical Research Conference, National Harbor, MD.
139. *Cox, D. W., DeYoung, K. A., Szeto, E. H., Greene, F. N., Bakalar, J. L., Schendel, C. L., **Ghahramanlou-Holloway, M.** (2011, August). *Dying to belong: Interpersonal predictors of suicide*. Symposium presented at the Annual Meeting of the American Psychological Association, Washington, DC.
140. *Kochanski, K., Greene, F., Wagner, B., & **Ghahramanlou-Holloway, M.** (2011, August). *Fathers' reactions to adolescent suicide attempts*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
141. **Ghahramanlou-Holloway, M.**, & Branlund, S. (2011, April). *Deployment-related factors, mental health, and suicide: Review of the literature*. Paper presented at the North Atlantic Treaty Organization (NATO) Human Factors and Medicine 205 Symposium on Mental Health and Well-Being across the Military Spectrum, Bergen, Norway.
142. **Ghahramanlou-Holloway, M.**, Werbel, A., & Cox, D. (2011, March). *Evaluation of the Marine Corps (USMC) suicide prevention training program, Never Leave a Marine Behind*. Paper presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Boston, MA.
143. *Szeto, E., Cox, D. W., Lou, K., Fritz, E., Engel, C., Bradley, J., Grammer, G., Wynn, G., & **Ghahramanlou-Holloway, M.** (2011, March). *Gender differences on childhood and adulthood traumas: Inpatients admitted to a military psychiatric unit for suicide-related thoughts and behaviors*. Poster presented at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Boston, MA.

144. *Cox, D. W., Greene, F. N., Szeto, E. H., & **Ghahramanlou-Holloway, M.** (2010, November). *Post Admission Cognitive Therapy (PACT): Two pilot trials*. Paper presented at the Annual Meeting of the Association of Behavioral and Cognitive Therapies, San Francisco, CA.
145. **Ghahramanlou-Holloway, M.**, Cary, M., Cox, D. W., Greene, F. N., George, B., Kochanski, K. M., Sterling, A. G., & Szeto, E. H. (2010, November). *A medical simulation center training model in cognitive behavior therapy*. Poster presented at the Annual Meeting of the Association of Behavioral and Cognitive Therapies, San Francisco, CA.
146. Brenner, L., Gallagher, M., **Ghahramanlou-Holloway, M.**, Scott, C., & Werbel, A. (2010, April). *Suicide loss and the military*. Symposium presented at the Annual Meeting of the American Association of Suicidology, Orlando, FL.
147. *Greene, F. N., Wagner, B. M., Cox, D. W., & **Ghahramanlou-Holloway, M.** (2010, April). *Maternal reactions to adolescent suicide attempt behavior*. Poster presented at the Annual Meeting of the Association of Behavioral and Cognitive Therapies, Orlando, FL.
148. *Martin, J. S., **Ghahramanlou-Holloway, M.**, Nademin, M., Olsen, C., Branlund, S., Englert, D., & Jobes, D. (2010, April). *Suicide in the United States Air Force: Relationship among marital status, life stressors and communication of distress*. Paper presented at the Annual Meeting of the American Association of Suicidology, Orlando, FL.
149. *Martin, J. S., Greene, F. N., Kochanski, K., Fritz, E. C., Sterling, A. G., Szeto, E. H., & **Ghahramanlou-Holloway, M.** (2010, April). *Helping services utilization prior to death in a sample of United States Air Force suicide decedents*. Poster presented at the Annual Meeting of the American Association of Suicidology, Orlando, FL.
150. *Cox, D. W., **Ghahramanlou-Holloway, M.**, Rutstein, D., Greene, F. N., Kochanski, K. M., Branlund, S., Martin, J. S., Sterling, A. G., & Grammer, G. (2010, March). *Types of trauma history: Differences and similarities between male and female soldiers admitted to an inpatient psychiatric unit*. Poster Presented at the Annual Meeting of the Anxiety Disorders Association of America, Baltimore, MD.
151. **Ghahramanlou-Holloway, M.**, Cox, D. W., Rutstein, D., Greene, F. N., Fritz, E. C., Lou, K. E., Szeto, E. H., Wynn, G., Bradley, J., & George, B. (2010, March). *Documented traumatic life events for suicide related admissions at a military hospital*. Poster presented at the Annual Meeting of the Anxiety Disorders Association of America, Baltimore, MD.
152. **Ghahramanlou-Holloway, M.**, & Fritz, Elisabeth. (2009, September). *Generalizability of PTSD cognitive behavioral psychotherapy clinical trials for traumatized individuals with suicide behavior*. Poster presented at the Military Health Research Forum, Kansas City, MO.
153. Bhar, S., **Ghahramanlou-Holloway, M.**, Spokas, M., Wenzel, A., Brown, G., Beck, A. T., Zembroski, S., Wiltsey-Stirman, S., McCray, L., & Fox, A. (2008, November). *Bringing suicide research to community settings: Recruitment and participation issues*. Symposium presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
154. Werbel, A., Pflanz, S., **Ghahramanlou-Holloway, M.**, & Moore, M. (2008, August). *Frontline supervisor training: A new half-day course for recognizing and responding to service members in distress in the U.S. Marine Corps and U.S. Air Force*. Paper presented at the Annual Meeting of the European Symposium on Suicide and Suicidal Behaviour, Glasgow, Scotland.

155. *Branlund, S., Martin, J., George, B., Lou, K., Yeargin, M. K., & **Ghahramanlou-Holloway, M.** (2008, August). *Review of suicide death investigation methodology*. Poster presented at the Annual Meeting of the American Psychological Association, Boston, MA.
156. **Ghahramanlou-Holloway, M.**, Bhar, S., Brown, G., Yeargin, M. K., & Beck, A. T. (2008, August). *Problem-solving as a mechanism of change in cognitive therapy*. Poster presented at the Annual Meeting of the American Psychological Association, Boston, MA.
157. *Yeargin, M. K., Martin, J., Branlund, S., Lou, K., **Ghahramanlou-Holloway, M.**, & Bhar, S. (2008, August). *Recommendations for primary care management of suicide behavior*. Poster presented at the Annual Meeting of the American Psychological Association, Boston, MA.
158. **Ghahramanlou-Holloway, M.** (2008, June). *Cognitive treatment protocol for the prevention of suicide*. Paper presented at the Annual Meeting of the International Congress of Psychotherapy, Rome, Italy.
159. *Yeargin, M. K., & **Ghahramanlou-Holloway, M.** (2008, June). *Treatment of individuals with suicide behavior and substance disorders*. Poster presented at the Annual Meeting of the International Congress of Psychotherapy, Rome, Italy.
160. **Ghahramanlou-Holloway, M.** (2008, April). *Building a program of research in military suicide prevention*. Paper presented at the Annual Meeting of the Military Suicide Prevention Conference, San Diego, CA.
161. Bhar, S. S., **Ghahramanlou-Holloway, M.**, Brown, G., & Beck, A. T. (2007, November). *Self-esteem and suicide ideation: Beyond depression and hopelessness*. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
162. *Martin, J., & **Ghahramanlou-Holloway, M.** (2007, March). *Military suicide: Rates, risk, and resilience*. Poster presented at the Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.
163. *Franz, V., & **Ghahramanlou-Holloway, M.** (2007, February). *A review of fatal and nonfatal suicide behavior in the military*. Poster presented at the World Congress on Stress, Trauma, & Coping, International Critical Stress Foundation, Baltimore, MD.
164. **Ghahramanlou-Holloway, M.** Cognitive therapy of suicide attempters. (2005, November). In G. Brown (Chair), *Intervention strategies for suicide ideators and attempters*. Clinical roundtable presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Washington, DC.
165. **Ghahramanlou-Holloway, M.**, Lou, K., Wenzel, A., & Beck, A. T. (2005, November). *Differentiating cognitive content between depressed and anxious patients*. Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, Washington, DC.
166. **Ghahramanlou-Holloway, M.** Current status and treatment of women in Iran. (2005, August). In M. Gibbs (Chair), *Ethnicity and treatment of women: Stereotypes and reality*. Symposium presented at the Annual Meeting of the American Psychological Association, Washington, DC.
167. **Ghahramanlou-Holloway, M.**, Hsu, L., Lachenmeyer, J., Gibbs, M., & Reddy, L. (2005, August). *Cognitive behavioral treatment efficacy for anxiety disorders: A meta-analytic review*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.

168. Brodbeck, C., **Ghahramanlou, M.** (2003, November). *Previous experiences with discrimination as a factor in post 9/11 risk estimates, behavioral avoidance, and health status*. Poster presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Boston, MA.
169. Grattan, L., Kabitsi, N., **Ghahramanlou, M.**, Vaughan, C., Wozniak, M., Kittner, S., Price, T. (2002, February). *The influence of coping strategy upon depression and personality adjustment after ischemic stroke*. Poster presented at the Annual Meeting of the American Heart Association International Stroke Conference, San Antonio, TX.
170. **Ghahramanlou, M.**, Brodbeck, C., Hulbert, D. G., Johnson, S., & Soffer, S. (2001, November). Involvement of the spouse in the treatment of anxiety disorder patients. In D. G. Hulbert (Chair), *For better or for worse: Enhancing treatment outcome through spousal involvement*. Symposium conducted at the Annual Meeting of the Association for Advancement of Behavior Therapy, Philadelphia, PA.
171. Grattan, L., **Ghahramanlou, M.**, Aronoff, J., Wozniak, M., Kittner, S., Price, T. (2001, February). *An empirical study of personality change after stroke*. Paper presented at the Annual Meeting of the American Heart Association International Stroke Conference, Fort Lauderdale, FL.
172. **Ghahramanlou, M.**, Gibbs, M., Maurer, K., & Ferraro, L. (2000, August). *Trauma and psychological functioning in severe mental illness*. Poster presented at the Annual Meeting of the American Psychological Association, Washington, DC.
173. **Ghahramanlou, M.** (2000, March). *Assessment and treatment of anxiety disorders in the elderly*. Paper presented at the Annual Meeting of the Anxiety Disorders Association of America, Washington, DC.
174. Gibbs, M., Maurer, K., **Ghahramanlou, M.**, & Marvin, S. (2000, March). *Trauma and the personal solving system (PPSS) in severe mental illness*. Paper presented at the Annual Meeting of the Society of Personality Assessment, Arlington, VA.
175. **Ghahramanlou, M.**, Humke, C., Lachenmeyer, J., Uccello, R., Beckstein, C., DiGiacopo, S. (1999, November). *Gender differences in anxiety profiles of panic and generalized anxiety outpatients*. Poster presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Toronto, Canada.
176. Bleier, D., Atar, H., **Ghahramanlou, M.**, Uccello, R., Beckstein, C., & Lachenmeyer, J. (1999, May). *Anxiety disorders and the 5 factor model of personality*. Poster presented at the Annual Meeting of the American Psychiatric Association, Washington, DC.
177. **Ghahramanlou, M.**, Beckstein, C., Uccello, R., Spinowitz, F., & Lachenmeyer, J. (1999, May). *Somatization in a sample of panic and obsessive-compulsive disorder outpatients*. Poster presented at the Annual Meeting of the American Psychiatric Association, Washington, DC.
178. Atar-Greenfield, H., Bleier, D., Beckstein, C., DiGiacopo, S., & **Ghahramanlou, M.** (1999, April). *A correlation between the Yale-Brown Obsessive Compulsive Scale and the Global Assessment of Functioning*. Poster presented at the Annual Meeting of the Eastern Psychological Association, Providence, R.I.
179. Beckstein, C., DiGiacopo, S., Lachenmeyer, J., Uccello, R., Ghahramanlou, M., & Spinowitz, F. (1999, April). *Important issues in the cognitive behavioral group treatment of panic disorder*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association, Arlington, VA.

180. **Ghahramanlou, M.**, & Humke, C. (1999, April). *Effects of OCD on familial and marital functioning*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association, Arlington, VA.
181. **Ghahramanlou, M.**, Lachenmeyer, J., Humke, C., Uccello, R., Beckstein, C., DiGiacopo, S., & Spinowitz, F. (1999, April). *Marital functioning in patients with bulimia nervosa*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association, Arlington, VA.
182. Humke, C., & **Ghahramanlou, M.**, & Lachenmeyer, J. (1999, April). *Cognitive behavioral group treatment of breast cancer patients*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association, Arlington, VA.
183. Humke, C., **Ghahramanlou, M.**, & Lachenmeyer, J. (1999, April). *Adjustment issues facing partners of breast cancer patients*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association, Arlington, VA.
184. DiGiacopo, S., Beckstein, C., Uccello, R., & **Ghahramanlou, M.** (1999, April). *Clinical issues in the group treatment of panic disorder*. Poster presented at the Annual Meeting of the Eastern Psychological Association, Providence, RI.
185. **Ghahramanlou, M.** (1999, March). *Obsessive compulsive disorder and comorbid bulimia nervosa*. Paper presented at the Annual Meeting of the Anxiety Disorders Association of America, San Diego, CA.
186. **Ghahramanlou, M.**, Lachenmeyer, J., & Humke, C. (1999, March). *The treatment of anxiety in the families of adult cancer patients*. Paper presented at the Annual Meeting of the Association of Anxiety Disorders of America, San Diego, CA.
187. Beckstein, C., **Ghahramanlou, M.**, Lachenmeyer, J., DiGiacopo, S., Uccello, R., & Shack, A. (1998, November). *Level of functioning in adults with obsessive compulsive disorders*. Poster presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Washington, DC.
188. **Ghahramanlou, M.**, & Brodbeck, C. (1998, November). *Predictors of secondary trauma in sexual assault counselors*. Poster presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Washington, DC.
189. **Ghahramanlou, M.**, Uccello, R., & Lachenmeyer, J. (1998, November). *Behavioral treatment of body dysmorphic disorder*. Poster presented at the Annual Meeting of the Association for Advancement of Behavior Therapy, Washington, DC.
190. Beckstein, C., **Ghahramanlou, M.**, Lachenmeyer, J., DiGiacopo, S., Uccello, R., & Shack, A. (1998, May). *Assessment of obsessive compulsive disorders*. Poster presented at the Annual Meeting of the American Psychiatric Association, Toronto, Canada.
191. **Ghahramanlou, M.**, Beckstein, C., Lachenmeyer, J., Uccello, R., & Shack, A. (1998, May). *Self-reported levels of distress in a sample of obsessive compulsive disorder outpatients*. Poster presented at the Annual Meeting of the American Psychiatric Association, Toronto, Canada.
192. **Ghahramanlou, M.**, Lachenmeyer, J., Shack, A., Uccello, R., & Humke, C. (1998, March). *Involvement of the spouse in treatment of obsessive-compulsive disorder*. Paper presented at the Annual Meeting of the Anxiety Disorders Association of America, Boston, MA.

193. **Ghahramanlou, M.**, Lachenmeyer, J., Uccello, R., & Shack, A. (1998, March). *Clinical issues in the treatment of borderline patients with OCD*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association Meeting, Washington, DC.
194. **Ghahramanlou, M.**, Lachenmeyer, J., Uccello, R., & Shack, A. (1998, March). *Comorbid medical conditions in panic disorder patients*. Poster presented at the Annual Meeting of the American Orthopsychiatric Association Meeting, Washington, DC.
195. **Ghahramanlou, M.**, & Brodbeck, C. (1996, March). *Vicarious trauma in sexual assault counselors*. Poster presented at the Annual Meeting of the Western Psychological Association, San Francisco, CA.

Invited Presentations

1. **Ghahramanlou-Holloway, M.** (2019, May). *Professional burnout and self-care*. Invited presentation for the Uniformed Services University of the Health Sciences, Integrative Health and Wellness Monthly Series, Bethesda, MD.
2. **Ghahramanlou-Holloway, M.** (2018, October). *Cognitive behavioral approaches for military suicide prevention*. Invited presentation of the Beck Institute Excellence Summit, Philadelphia, PA.
3. **Ghahramanlou-Holloway, M.** (2018, August). *USSOCOM research study briefing: Enhancing adaptive thinking and overall mental fitness among Special Operations Forces and families*. Invited presentation to the Defense Suicide Prevention Program, Suicide Prevention and Risk Reduction Committee, Alexandria, VA.
4. **Ghahramanlou-Holloway, M.** (2018, August). *Building mastery of Rational-Thinking and Emotional-Regulation through Problem-Solving (REPS) during military training*. Invited presentation to the Defense Suicide Prevention Program, Suicide Prevention and Risk Reduction Committee, Alexandria, VA.
5. **Ghahramanlou-Holloway, M.** (2018, August). *Chaplains-CARE program: Cognitive behavioral strategies for suicide prevention*. Invited presentation to the Defense Suicide Prevention Program, Suicide Prevention and Risk Reduction Committee, Alexandria, VA.
6. **Ghahramanlou-Holloway, M.** (2018, August). *DoD-wide annual suicide death reviews: Generating lessons learned and recommendations for military suicide prevention*. Invited presentation to the Defense Suicide Prevention Program, Suicide Prevention and Risk Reduction Committee, Alexandria, VA.
7. **Ghahramanlou-Holloway, M.** (2017, July). *Special Operations cognitive agility training program: Enhancing adaptive thinking and overall mental fitness among Special Operations Forces and families*. Invited presentation at the DoD/VA Suicide Prevention Conference, Denver, CO.
8. **Ghahramanlou-Holloway, M.** (2017, June). *Young adulthood: Failures of intimacy*. Invited plenary presentation at Aeschi 9: Suicide across the Lifespan, Vail, CO.
9. **Ghahramanlou-Holloway, M.** (2017, June). *Chaplains-CARE program: Cognitive behavioral strategies for suicide prevention*. Invited presentation to the Professional Naval Chaplaincy Executive Board.

10. **Ghahramanlou-Holloway, M.** (2017, May). *Chaplains-CARE program: Efficacy of cognitive behavioral strategies as delivered by United States military chaplains for the prevention of suicide.* Invited presentation to the Chief of Navy Chaplains Rear Admiral Margaret G. Kibben, at the Pentagon, Washington, DC.
11. **Ghahramanlou-Holloway, M.** (2017, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
12. **Ghahramanlou-Holloway, M.** (2017, April). *Findings and recommendations from the NATO Research Task Group on military suicide.* Invited presentation at the North Atlantic Treating Organization, Science and Technology Office, Human Factors & Medicine Research Symposium 275 on Military Suicide Prevention, Riga, Latvia.
13. **Ghahramanlou-Holloway, M.** (2017, April). *Special Operations Cognitive Agility Training Program.* Invited presentation to the Special Operations Forces' Senior Spouses Conference, MacDill Air Force Base, FL.
14. **Ghahramanlou-Holloway, M.** (2016, November). *DoD-wide annual suicide death reviews: Generating lessons learned and recommendations for military suicide prevention.* Invited presentation to the Defense Suicide Prevention Program, Suicide Prevention and Risk Reduction Committee, Alexandria, VA.
15. **Ghahramanlou-Holloway, M.** (2016, May). *Management of suicide-related events during deployment.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
16. **Ghahramanlou-Holloway, M.** (2016, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
17. **Ghahramanlou-Holloway, M.** (2015, June). *How trauma and suicidality intertwine.* Invited plenary presentation at Aeschi West: Basic Principles in Working with Suicidal Adults, Vail, CO.
18. **Ghahramanlou-Holloway, M.** (2015, May). *Management of suicide-related events during deployment.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
19. **Ghahramanlou-Holloway, M.** (2015, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
20. **Ghahramanlou-Holloway, M.** (2015, May). *A brief intervention to reduce suicide risk in military service members and Veterans.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
21. **Ghahramanlou-Holloway, M.** (2015, April). *Post Admission Cognitive Therapy (PACT): An inpatient treatment program for the prevention of suicide.* Invited half-day pre-conference workshop provided at the Annual Meeting of the American Association of Suicidology, Atlanta, GA.

22. **Ghahramanlou-Holloway, M.** (2015, February). *Clinical practice recommendations for patients at risk for suicide*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
23. **Ghahramanlou-Holloway, M.** (2015, January). *Post Admission Cognitive Therapy (PACT) for service members and Veterans at risk for suicide*. Invited half-day pre-conference workshop provided at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Dallas, TX.
24. **Ghahramanlou-Holloway, M.** (2014, June). *Behavioral healthcare utilization and career-related impact: Reducing stigma and barriers to care among United States Marine Corps personnel*. Invited presentation at the United States Marine Corps Behavioral Health Branch Research Summit.
25. **Ghahramanlou-Holloway, M.** (2014, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
26. **Ghahramanlou-Holloway, M.** (2014, May). *Management of suicide-related events during deployment*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
27. **Ghahramanlou-Holloway, M.** (2014, May). *Pilot trial of inpatient cognitive therapy for the prevention of suicide in military personnel with Acute Stress Disorder or Posttraumatic Stress Disorder*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
28. **Ghahramanlou-Holloway, M.** (2014, May). *A brief intervention to reduce suicide risk in military service members and Veterans*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
29. **Ghahramanlou-Holloway, M.** (2014, April). *Treatment needs of suicidal military personnel and family members*. Invited presentation at 1st Science Roundtable organized by the Military Family Research Institute (MFRI) in partnership with Senator Joe Donnelly's office, Capitol Hill, Washington, DC.
30. **Ghahramanlou-Holloway, M.** (2014, February). *Post Admission Cognitive Therapy: A brief intervention for psychiatric inpatients admitted after a suicide attempt*. Invited presentation at the University of Arkansas for Medical Sciences, Psychiatric Research Institute, Grand Rounds, Little Rock, Arkansas.
31. **Ghahramanlou-Holloway, M.** (2013, December). *Overview of three military suicide prevention studies*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
32. **Ghahramanlou-Holloway, M.** (2013, May). *The role of trauma in suicidal states*. Invited presentation at Aeschi West: Basic Principles in Working with Suicidal Adults, Vail, CO.
33. **Ghahramanlou-Holloway, M., Brown, G., Stanley, B.** (2013, May). *Management of suicide-related events during deployment*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.

34. **Ghahramanlou-Holloway, M.** (2013, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
35. **Ghahramanlou-Holloway, M.** (2013, May). *A brief intervention to reduce suicide risk in military service members and Veterans.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
36. **Ghahramanlou-Holloway, M.** (2013, May). *Pilot trial of inpatient cognitive therapy for the prevention of suicide in military personnel with Acute Stress Disorder or Posttraumatic Stress Disorder.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
37. **Ghahramanlou-Holloway, M.** (2013, March). *Cognitive behavior therapy for the prevention of suicide.* Invited presentation for behavioral health providers, Ft. Meade, MD.
38. **Ghahramanlou-Holloway, M.,** Brown, G., Stanley, B. (2013, February). *Management of suicide-related events during deployment.* Invited presentation for the Review and Analysis (R&A) Group, W3 Deployment Task Area, Frederick, MD.
39. **Ghahramanlou-Holloway, M.** (2012, December). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the Henry Jackson Foundation for the Advancement of Military Medicine Council of Director's Meeting, Rockville, MD.
40. **Ghahramanlou-Holloway, M.** (2012, December). *Lessons learned as an educator, practitioner, and scientist.* Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
41. **Ghahramanlou-Holloway, M.** (2012, September). *Managing suicidal behaviors.* Invited webinar presented with Dr. Peter Gutierrez, organized by the Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury.
42. **Ghahramanlou-Holloway, M.** (2012, August). *Laboratory for the treatment of suicide-related ideation and behavior: Organization and current activities.* Invited presentation at the Defense Suicide Prevention Office, Arlington, VA.
43. **Ghahramanlou-Holloway, M.** (2012, June). *Cognitive behavior therapy for the prevention of suicide.* Invited one-day pre-conference training session provided at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington, DC.
44. **Ghahramanlou-Holloway, M.** (2012, May). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
45. **Ghahramanlou-Holloway, M.** (2012, May). *A brief intervention to reduce suicide risk in military service members and Veterans.* Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.

46. **Ghahramanlou-Holloway, M.** (2012, May). *Pilot trial of inpatient cognitive therapy for the prevention of suicide in military personnel with acute stress disorder or posttraumatic stress disorder*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Fort Detrick, MD.
47. **Ghahramanlou-Holloway, M.** (2012, February). *Post Admission Cognitive Therapy (PACT) for the prevention of suicide*. Invited presentation at the Clinical Psychology Colloquium Series at The Catholic University of America, Washington, DC.
48. **Ghahramanlou-Holloway, M.** (2012, February). *Evidence-informed decision making for behavioral health providers, chaplains, and leaders: Suicide attempts, suicide-related evacuations, and suicides in deployed settings*. Invited presentation at the W-3 Suicide Prevention in a Combat Environment research portfolio review, Heidelberg, Germany.
49. **Ghahramanlou-Holloway, M.** (2012, February). *Progress report on USAF suicide prevention projects*. Invited presentation at the Annual United States Air Force Mental Health Division Research Meeting, San Antonio, TX.
50. **Ghahramanlou-Holloway, M.** (2012, January). *Clinical trials on Post Admission Cognitive Therapy (PACT) and Safety Planning for the prevention of suicide*. Invited presentation, Duke University Suicide Prevention Research Conference Call.
51. **Ghahramanlou-Holloway, M.** (2011, December). *Post Admission Cognitive Therapy (PACT) for the prevention of suicide*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
52. **Ghahramanlou-Holloway, M.** (2011, July). *Practical strategies for the assessment and management of suicidal patients*. Invited presentation at the Malcolm Grow Medical Center, Andrews Air Force Base, MD.
53. **Ghahramanlou-Holloway, M.** (2011, May). *Evidence-informed approaches for the assessment and treatment of suicide-related ideation and behaviors*. Invited 2-day training workshop provided to providers in Denmark, Psychiatric Center, Copenhagen, Denmark.
54. **Ghahramanlou-Holloway, M.** (2011, March). *Combat related trauma and suicide: Concepts of therapy*. Invited symposium presentation with David Jobes and David Rudd at the 6th Aeschi Conference, Aeschi, Switzerland.
55. **Ghahramanlou-Holloway, M.** (2011, March). *SAFEMIL: A brief intervention to reduce suicide risk in military service members*. Invited presentation at the VA SAFEVET demonstration project meeting, Boston, MA.
56. **Ghahramanlou-Holloway, M.** (2011, March). *Evidence-based psychotherapy for suicide prevention: Practical tips from cognitive therapy*. Invited presentation at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Boston, MA.
57. **Ghahramanlou-Holloway, M.** (2011, February). *A review of suicide prevention studies with USAF samples*. Invited presentation at the Annual United States Air Force Mental Health Division Research Meeting, San Antonio, TX.

58. **Ghahramanlou-Holloway, M.** (2011, February). *Post Admission Cognitive Therapy (PACT) for the inpatient treatment of military personnel with suicidal behaviors: A multi-site randomized controlled trial*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Frederick, MD.
59. **Ghahramanlou-Holloway, M.** (2011, February). *A brief intervention to reduce suicide risk in military service members and Veterans*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Frederick, MD.
60. **Ghahramanlou-Holloway, M.** (2011, February). *Pilot trial of inpatient cognitive therapy for the prevention of suicide in military personnel with acute stress disorder or posttraumatic stress disorder*. Invited presentation at the United States Medical Research and Materiel Command 'In Progress Review' Meeting, Frederick, MD.
61. **Ghahramanlou-Holloway, M.** (2010, October). *Are my family and I at risk for suicide?* Invited presentation at the Annual Military Suicide Survivors Conference, Tragedy Assistance Program for Survivors, Arlington, VA.
62. **Ghahramanlou-Holloway, M.**, & Bradley, J. (2010, August). *Suicide risk assessment and management in acute care settings*. Invited presentation to Medical Residents at the Department of Psychiatry, Walter Reed Army Medical Center, Washington, DC.
63. **Ghahramanlou-Holloway, M.**, Brown, G. (2010, April). *A brief intervention to reduce suicide risk in military service members and veterans*. Invited presentation at the Department of Defense Suicide Prevention Research Program Working Group, Frederick, MD.
64. **Ghahramanlou-Holloway, M.** (2010, April). *Post admission cognitive therapy (PACT)*. Invited presentation at the Department of Defense Suicide Prevention Research Program Working Group, Frederick, MD.
65. **Ghahramanlou-Holloway, M.** (2010, January). *Inpatient cognitive behavioral approach for the treatment of suicide attempt behavior in military service members and families*. Invited presentation at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, Washington DC.
66. **Ghahramanlou-Holloway, M.** (2009, November). *In search of evidence for best practices in suicide prevention*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
67. **Ghahramanlou-Holloway, M.** (2009, October). *Inpatient post admission cognitive therapy (PACT) for the prevention of suicide attempts*. Selected as grant recipient to give an invited presentation at the National Alliance for Research on Schizophrenia and Depression (NARSAD) 21st Annual New York City Mental Health Research Symposium, New York, NY.
68. **Ghahramanlou-Holloway, M.** (2009, September). *Generalizability of PTSD cognitive behavioral psychotherapy clinical trials for traumatized individuals with suicide behavior*. Invited presentation at the Military Health Research Forum, Kansas City, MO.
69. **Ghahramanlou-Holloway, M.** (2009, June). *Suicide investigation, assessment, and mitigation*. Invited presentation at the Walter Reed Army Medical Center, Forensic Psychology Service, Washington, DC.

70. **Ghahramanlou-Holloway, M.** (2009, February). *Primary care based cognitive behavior therapy for PTSD and suicide ideation*. Invited presentation at the Suicide Strategic Meeting organized by Dr. Marsha Linehan, University of Washington, Seattle, WA.
71. **Ghahramanlou-Holloway, M.** (2009, January). *Programmatic research in military suicide prevention*. Invited presentation at the Annual Department of Defense and Veterans Administration Suicide Prevention Conference, San Antonio, TX.
72. **Ghahramanlou-Holloway, M.** (2008, December). *Cognitive behavior therapy after attempted suicide: Possible mechanisms of change*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
73. **Ghahramanlou-Holloway, M.** (2008, October). *Recommendations for the Marine Corps suicide prevention program*. Invited as subject matter expert to provide policy recommendations to the Marine Corps leadership at the Executive Safety Board Meeting, Quantico, VA.
74. Kaminsky, S., Beutler, A., **Ghahramanlou-Holloway, M.**, Stephens, M. & Tanofsky-Kraff, M. (2008, February – March). *Tricks of the trade: A short course in grant writing for clinicians*. Invited presenter at the Faculty Development workshop presented at the Uniformed Services University of the Health Sciences, Bethesda, MD.
75. **Ghahramanlou-Holloway, M.** (2008, January). *Post admission cognitive therapy (PACT) for the prevention of suicide*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
76. **Ghahramanlou-Holloway, M.** (2008, January). *Prevention of suicide in the United States military*. Invited presentation at the Clinical Psychology Colloquium Series at American University, Washington, DC.
77. **Ghahramanlou-Holloway, M.**, Brown, G., Bhar, S., & Beck, A. T. (2007, December). *Cognitive therapy for the prevention of suicide*. Invited two-day training workshop presented to Veterans Administration Suicide Prevention Coordinators at the University of Pennsylvania, Philadelphia, PA.
78. **Ghahramanlou-Holloway, M.** (2007, March). *Cognitive therapy for suicide attempters*. Invited presentation at the Department of Defense Military Suicide Prevention Conference, Hollywood, FL.
79. **Ghahramanlou-Holloway, M.** (2007, January). *Building a program of research in suicide prevention*. Presentation at the Medical and Clinical Psychology Colloquium Series at Uniformed Services University of the Health Sciences, Bethesda, MD.
80. **Ghahramanlou-Holloway, M.** (2006, October). *Adaptation of cognitive therapy for inpatient treatment of suicidal military personnel*. Invited presentation at the Suicide Strategic Planning Meeting organized by Dr. Marsha Linehan, University of Washington, Seattle, WA.
81. **Ghahramanlou-Holloway, M.** (2005, September). *Cognitive therapy protocol procedures for the treatment of adult suicide attempters*. Invited training workshop presented at Mercy Hospital, Philadelphia, PA.
82. **Ghahramanlou-Holloway, M.** (2005, April). *Community based cognitive therapy for suicide attempters*. Invited training workshop presented at the University of Pennsylvania, Department of Psychiatry for COMHAR, Inc., Philadelphia, PA.

83. **Ghahramanlou-Holloway, M.**, & Brown, G. K. (2004, October). *Cognitive therapy protocol for the treatment of suicide attempters*. Invited training workshop presented at the Hall Mercer Community Mental Health Center, Philadelphia, PA.
84. **Ghahramanlou, M.** (2001, September). *September 11th*. Invited discussant at the Faculty Forum following September 11th, Community College of Baltimore County, Baltimore, MD.
85. **Ghahramanlou, M.** (2001, February). *The impact of addictive behaviors on interpersonal relationships*. Training provided at the Springfield Hospital Center Mentally Ill Substance Abuse (MISA) Psychoeducation Program, Sykesville, MD.
86. **Ghahramanlou, M.** (2000, June). *A historical account of psychosurgery*. Invited presentation at the Department of Neuropsychology, University of Maryland Medical System, Baltimore, MD.
87. **Ghahramanlou, M.** (1994, 1995, 1996, November). *Cross-cultural issues in rape crisis counseling*. Invited presentation at the Annual Training of the Sexual Assault Victim Services Program, Irvine, CA.

Blog Entries

1. **Ghahramanlou-Holloway, M.** (2017, June 26). An introduction to the suicide mode. *Cognitive Therapy E-Newsletter, Beck Institute for Cognitive Behavior Therapy*, <https://www.beckinstitute.org/suicide-mode/>
2. Kauten, R., Worthington, D., Tucker, J., & **Ghahramanlou-Holloway, M.** (2016, September 30). *Clinician's corner: Help your patients and yourself feel comfortable talking about suicide*. <http://dcoe.mil/blog.aspx>
3. Worthington, D. Tucker, J., Tylor, S., Neely, L., **Ghahramanlou-Holloway, M.** (2016, May 16). *Clinician's corner: Mental health providers need self-care too*. <http://dcoe.mil/blog.aspx>
4. **Ghahramanlou-Holloway, M.**, Nielsen, M., Crimmins, K., & Neely, L. L. (2016, March 5). *Recommendations on how to best characterize and document suicide risk*. <http://deploymentpsych.org/blog>
5. **Ghahramanlou-Holloway, M.** (2016, January 19). Reducing clinical stress when treating traumatized, suicidal clients. *Cognitive Therapy E-Newsletter, Beck Institute for Cognitive Behavior Therapy*, <https://www.beckinstitute.org/reducing-clinician-stress-when-treating-traumatized-suicidal-clients/>
6. Tucker, J., Tylor, S., Neely, L., & **Ghahramanlou-Holloway, M.** (2015, September 29). *Clinician's corner: Patients can use simple tool to identify intense emotions*. <http://dcoe.mil/blog.aspx>
7. **Ghahramanlou-Holloway, M.** (2014). Cognitive behavior therapy for traumatized patients with suicidal self-directed violence. *Cognitive Therapy E-Newsletter, Beck Institute for Cognitive Behavior Therapy*, <http://www.beckinstitute.org/cbt-news-updates/>

TEACHING EXPERIENCE

Medical School Curriculum

- 2018-Present **Didactics Invited Speaker (Level One)**
Suicide Risk Assessment (1 Hour)
Walter Reed National Military Medical Center, Psychiatry Rotation
- 2015-Present **Pre-Clerkship Medical and Clinical Psychology Course Director (Level Two)**
Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD
Duties: Oversee the Medical and Clinical Psychology lectures provided to the medical students; direct programmatic delivery, review faculty lectures and exam questions, supervise Teaching Assistants, and review feedback to enhance delivery of content
- 2015-2017 **Lecturer (Level One)**, Introduction to Medical and Clinical Psychology
Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD
- 2010-2014 **Lecturer (Level One)**, Suicide Risk Assessment and Management
Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD
- 2007-Present **Lecturer (Level One)**, Professional Burnout and Suicide
Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD
- 2007-2011 **Lecturer (Level One)**, Psychological Assessment
Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, Bethesda, MD

Graduate School Curriculum

- 2015 **Lecturer (Level One)**, Affective Bases of Behavior (MPO549)
Affect, Motivation, and Emotion Regulation – Spring, Annual (3 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
- 2007-2012 **Lecturer (Level One)**, Suicide as a Public Health Problem (330-674.01)
Cognitive Therapy for Adult Suicide Attempts – Fall, Annual (2 Hours)
Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD
- 2006-Present **Course Director (Level Two)**, Cognitive Behavior Therapy I (MPO561)
4 Credits – Spring, Annual (44 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
Duties: Design training curriculum in cognitive behavior psychotherapy (introductory), lead all course lectures and discussions, prepare vignettes for the simulation center, co-train simulated patients, and supervise students' performance during medical simulation training, grade and provide verbal as well as written feedback on all course assignments and case conceptualization report, train and supervise the Teaching Assistants, modify course as needed based on student feedback

- 2006-Present **Course Director (Level Two)**, Cognitive Behavior Therapy II (MPO562)
4 Credits – Fall, Annual (44 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
Duties: Design training curriculum in cognitive behavior psychotherapy (intermediate-advanced), lead all course lectures and discussions, prepare vignettes for the simulation center, co-train simulated patients, and supervise students' performance during medical simulation training, grade and provide verbal as well as written feedback on all course assignments and case conceptualization report, train and supervise the Teaching Assistants, modify course as needed based on student feedback
- 2006-2015 **Lecturer (Level One)**, Health Psychology and Behavioral Medicine Seminar (MPO605)
Suicide & Medical Illness; Psychiatric Comorbidity & Chronic Illness (3 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
- 2006-2014 **Course Co-Director (Level Two)**, Case Conference
Non-Credit – Fall, Winter, Spring, Annual (12 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
Duties: Planned and co-directed a biweekly case conference in order to teach differential psychiatric diagnosis, case conceptualization, and treatment planning to graduate students
- 2006-2013 **Lecturer (Level One)**, Adult Psychopathology (MPO526)
Mood Disorders (3 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
- 2006-2013 **Lecturer (Level One)**, History and Systems in Psychology (MPO519)
History of the Treatment of the Mentally Ill (3 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
- 2006-2010 **Course Co-Director (Level Two)**, Clinical Skills I (MPO410)
2 Credits – Fall, Winter, Spring, Annual (72 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
Duties: Co-designed training curriculum in clinical skills, contributed to course discussions, supervised students' performance during medical simulation training, graded and provided verbal as well as written feedback on live and video-taped simulated psychotherapy sessions
- 2006-2010 **Course Co-Director (Level Two)**, Clinical Skills I (MPO411)
2 Credits – Fall, Winter, Spring, Annual (72 Hours)
Uniformed Services University of the Health Sciences, Department of Medical and Clinical Psychology, Bethesda, MD
Duties: Co-designed training curriculum in clinical skills, contributed to course discussions, supervised students' performance during medical simulation training, graded and provided verbal as well as written feedback on live and video-taped simulated psychotherapy sessions

1995-1996 **Graduate Teaching Assistant**, Introduction to Psychology, Cross-Cultural Psychology
3 Credits – Fall, Spring, Annual (Variable Hours)
Chapman University, Department of Psychology, Orange, CA

Undergraduate School Curriculum

2005-2006 **Adjunct Lecturer (Level Two)**
3 Credits – Fall
University of Pennsylvania, Department of Psychology, Philadelphia, PA
Duties: Designed and directed training curriculum for Abnormal Psychology course taught to over 200 enrolled undergraduates

2001-2005 **Assistant Professor of Psychology (Level Two)**
3 Credits – Fall, Winter, Spring, Summer, Annual (5 Courses Per Term)
Community College of Baltimore County, Business, Wellness, & Social Sciences Division
Catonsville, MD
Duties: Designed and directed training curriculum for the following undergraduate courses: Abnormal Psychology, Human Relations: Culturally Diverse Society, Introduction to Psychology, Psychology of Adjustment, Theories of Personality

1996-1999 **Adjunct Lecturer (Level Two)**
3-Credits – Fall, Winter, Spring, Summer, Annual
Fairleigh Dickinson University, Department of Psychology, Teaneck, NJ
Duties: Designed and directed training curriculum for the following undergraduate courses: Freshmen Seminar, Personality Theories, Psychology of Love and Interpersonal Relationships

1996-1999 **Learning Center Tutor (Level One)**
Psychology, Mathematics, Statistics, Writing, English as a Second Language
Fairleigh Dickinson University, Department of Psychology, Teaneck, NJ

Online Curriculum

2019 **Course Director (Level Two)**, Chaplains-CARE
Created in Collaboration with Empathos, Disseminated via Uniformed Services University of the Health Sciences, Center for Deployment Psychology, Bethesda, MD
Duties: Designed and directed training curriculum for military chaplains based on evidence-informed practices in suicide intervention

2013 **Course Contributor (Level Two)**, Identification, Prevention, and Treatment of Suicidal Behavior for Service Members and Veterans
Uniformed Services University of the Health Sciences, Center for Deployment Psychology, Bethesda, MD
Duties: Designed and co-directed training curriculum for the Center for Deployment Psychology on military and veteran suicide risk identification, prevention, and treatment

2001-2005 **Course Designer and Instructor (Level Two)**
Community College of Baltimore County, Business, Wellness, & Social Sciences Division
Catonsville, MD
Duties: Designed and directed training curriculum for the following undergraduate courses: Abnormal Psychology, Human Relations: Culturally Diverse Society, Introduction to Psychology, Theories of Personality

Professional Training Workshops¹

1. **Ghahramanlou-Holloway, M.** (2019, January-May). *Cognitive behavior therapy for suicide prevention*. Two-day Beck Institute workshop presented to Canadian Armed Forces providers at various installations: Ottawa, Esquimalt, Halifax, Gaagetown, Edmonton, Canada.
2. **Ghahramanlou-Holloway, M.** (2019, January). *Cognitive behavior therapy: Essentials and depression*. Two-day Beck Institute training workshop presented to Mount Sinai, World Trade Center Health Program, New York, NY.
3. **Ghahramanlou-Holloway, M.** (2018, October). *Cognitive behavior therapy for suicide prevention*. Two-day Beck Institute training workshop presented to Sweetser Maine Mental Health Services, Bangor and Portland, ME.
4. **Ghahramanlou-Holloway, M.** (2018, September). *Cognitive behavior therapy for suicide prevention*. Two-day Beck Institute training workshop presented to Native Americans for Community Action, Inc., Flagstaff, AZ.
5. **Ghahramanlou-Holloway, M.** (2018, August). *Cognitive behavior therapy for posttraumatic stress disorder*. Three-day Beck Institute training workshop presented for Family Outreach Center, Grand Rapids, MI.
6. **Ghahramanlou-Holloway, M.** (2018, June). *Cognitive behavior therapy for posttraumatic stress disorder*. Two-day Beck Institute training workshop presented for SCO Family of Services, Rikers Island Prison Therapeutic Case Managers, Brooklyn, NY.
7. **Ghahramanlou-Holloway, M.** (2017, November). *Cognitive behavior therapy for posttraumatic stress disorder*. Two-day Beck Institute training workshop presented for Delaware Department of Health and Social Services, Bear, DE.
8. **Ghahramanlou-Holloway, M.** (2017, October). *Cognitive behavior therapy posttraumatic stress disorder*. Three-day Beck Institute training workshop presented for Albert Einstein Medical Center, Transplant Program, Philadelphia, PA.
9. **Ghahramanlou-Holloway, M.** (2017, October). *Cognitive behavior therapy for suicide and severe mental illness*. Three-day Beck Institute training workshop presented for St. Joseph's Health Care, London, ON.
10. **Ghahramanlou-Holloway, M.** (2017, September). *Cognitive behavior therapy for depression and suicide*. Three-day Beck Institute training workshop presented for Centerstone, Nashville, TN.
11. **Ghahramanlou-Holloway, M.** (2017, July). *Cognitive behavior therapy for Military and Veteran suicide prevention*. Three-day training workshop presented at the Beck Institute for Cognitive Behavior Therapy, Philadelphia, PA.
12. **Ghahramanlou-Holloway, M.** (2017, June). *Cognitive behavior therapy for the prevention of suicide*. Three-day Beck Institute training workshop presented for Health Solutions, Pueblo, CO.
13. **Ghahramanlou-Holloway, M.** (2017, May). *Cognitive behavior therapy for posttraumatic stress disorder*. One-day Beck Institute training workshop presented for the University of Maryland, College Park, MD.

¹ Approved USU Outside Activity

14. **Ghahramanlou-Holloway, M.** (2016, March). *Cognitive behavior therapy for posttraumatic stress disorder*. Two-day Beck Institute training workshop presented at The Catholic University of America, Washington, DC.
15. **Ghahramanlou-Holloway, M.** (2015, May). *Cognitive behavior therapy for bipolar and related disorders*. One-day Beck Institute training workshop for Communications, Consulting CCM Group, Kuwait City, Kuwait.
16. **Ghahramanlou-Holloway, M.** (2015, May). *Cognitive behavior therapy for bipolar and related disorders*. One-day Beck Institute training workshop for Communications, Consulting CCM Group, Doha, Qatar.
17. **Ghahramanlou-Holloway, M.** (2014, July). *Cognitive behavior therapy for posttraumatic stress disorder and suicide prevention*. Three-day Beck Institute training workshop at the Beck Institute for Cognitive Behavior Therapy, Philadelphia, PA.
18. **Ghahramanlou-Holloway, M.** (2014, May). *Cognitive behavior therapy for bipolar disorder, major depressive disorder, and suicide prevention*. Two-day Beck Institute training workshop for Communications, Consulting CCM Group, Dubai and Abu Dhabi, United Arab Emirates.
19. **Ghahramanlou-Holloway, M.** (2014, March). *Cognitive behavior therapy for posttraumatic stress disorder and suicide prevention*. Two-day Beck Institute training workshop at Clinical Social Work Association Meeting, Savannah, GA.
20. **Ghahramanlou-Holloway, M.** (2014, February). *Cognitive behavior therapy for the prevention of suicide*. Two-day training workshop at the University of Arkansas for Medical Sciences, Psychiatric Research Center, Little Rock, AK.
21. **Ghahramanlou-Holloway, M.** (2013, July). *Cognitive behavior therapy for suicide prevention*. Two-day Beck Institute training workshop for military mental health providers at Camp Lejeune, NC.
22. **Ghahramanlou-Holloway, M.** (2013, January). *Cognitive behavior therapy for depression and suicidality*. Three-day Beck Institute training workshop for mental health providers at the Baltimore Mental Health Systems, Baltimore, MD.
23. **Ghahramanlou-Holloway, M.** (2012, September; 2009, January; 2008, October; 2008, July). *Cognitive behavioral assessment and treatment for the prevention of military suicide*. Half-day training workshops for military healthcare providers offered at the Center for Deployment Psychology, Bethesda, MD.

Clinical Supervision and Consultation

- | | |
|------|--|
| 2019 | Beck Institute Clinical Consultant , Canadian Armed Forces, Group Consultation for 10 Military Installations (Variable Group Sizes) |
| 2019 | Beck Institute Clinical Consultant , World Trade Center Program, Mount Sinai, NY
Group Consultation for 4 Providers |
| 2018 | Consultant
The Menninger Clinic, Houston, TX |
| 2018 | Beck Institute Clinical Supervisor , Cohen Veterans Network
Individual Psychotherapy Supervision and Supervision of Supervision |

2017-2018	Beck Institute Clinical Consultant , St. Joseph's Health Care, London, ON Group Consultation (Variable Group Sizes)
2017-2018	Beck Institute Clinical Consultant , Albert Einstein Medical Center Transplant Program Group Consultation for 2 Providers
2017	Beck Institute Clinical Supervisor , Akron Project Individual Psychotherapy Supervision and Supervision of Supervision Calls
2006-2008	Clinical Training Supervisor , Veterans Affairs Medical Center, Nationwide Offered through University of Pennsylvania
2006-2007	Clinical Supervisor , Residents and Psychology Interns National Naval Medical Center, Bethesda, MD

MENTORSHIP ACTIVITIES AND MENTEE ACHIVEMENTS

Doctoral Students – Primary Advisor

2019-Present	Second Lieutenant Patricia Carreno
2019-Present	Laura Novak
2018-Present	Second Lieutenant Richard Cole, Unites States Army
2018-Present	Matthew Thompson (co-mentored with Dr. Joshua Gray)
2017-Present	Ensign Jorge Ponce, United States Navy
2015-Present	First Lieutenant Hannah Martinez, United States Army
2015-Present	First Lieutenant Fernanda De Oliveira, United States Air Force
2014-2019	Lieutenant Viktor Koltko, United States Navy
2013-2018	Lieutenant Kyna Pak, United States Navy
2011-2016	Lieutenant Marcus VanSickle, United States Navy
2011-2013	Jessica MacIntyre
2010-2013	Jennifer Bakalar
2009-2014	Lieutenant Graham Sterling, United States Navy
2009-2014	Lieutenant Kristen Kochanski, United States Navy
2008-2014	Captain Brianne George, United States Air Force
2008-2012	Captain Shannon Branlund, United States Air Force
2006-2011	Captain Jeffery Martin, United States Air Force

Postdoctoral Fellows – Primary Advisor

2019-Present	Erin Cobb, Ph.D.
2018-2019	Ann Jeschke, Ph.D.
2018-2019	Nathan Kerr, Ph.D.
2017	Lana Ross, Ph.D. (Shortened Fellowship due to Postdoc's Medical Leave)
2016-2017	Rebecca Kauten, Ph.D.
2015-2017	Danielle Worthington, Ph.D.
2014-2016	Stacy Tylor, Psy.D.
2013-2015	Jennifer Tucker, Ph.D.

2012-2013	Kasaan Holmes, Ph.D.
2012-2013	Lauren Matthews, Psy.D.
2011-2013	Jaime Carreno Ponce, Ph.D.
2011-2013	Patricia Spangler, Ph.D.
2011-2013	Laura Neely, Psy.D.
2011-2012	John Dennis, Ph.D.
2010-2013	Christina Schendel, Ph.D.
2010-2013	Rachael Lunt, Ph.D.
2009-2011	Farrah Greene, Ph.D.
2009-2011	Daniel Cox, Ph.D.

Masters Theses and Dissertation Committees – Primary Advisor

1. Martinez, H. *Individual and dyadic characteristics in intimate partner relationships associated with suicide in military psychiatric inpatients*. (in progress). Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
2. De Oliveira, F. (2019). *Shame, guilt, psychiatric symptoms, and suicide: A mixed methods study of psychiatric inpatients at risk for suicide*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
3. Koltko, V. (2018). *Military help-seeking patterns preceding suicide-related psychiatric hospitalization: A hierarchical cluster analysis*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
4. Pak, K. (2017). *Psychological well-being and occupational functioning of military service members following exposure to suicide within the military unit*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
5. VanSickle, M. (2015). *Development and psychometric evaluation of the Military Suicide Attitudes Questionnaire (MSAQ)*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
6. George, B. (2014). *A retrospective chart review examination of demographic, military, and psychiatric differences among psychiatric inpatients admitted for suicide-ideation versus suicide attempt with an emphasis on gender*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
7. Sterling, G. (2014). *Psychometric properties and factor structure of the Male Gender Role Stress Inventory*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
8. Bakalar, J. (2013). *A comparative study of United States service members with and without a history of inpatient psychiatric hospitalization on post deployment alcohol use, depression, and trauma symptoms*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
9. Kochanski, K. (2013). *Single versus multiple suicide attempts: A prospective examination of psychiatric factors and wish to die/wish to live index*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.

10. VanSickle, M. (2013). *Opinions on suicide and perceived barriers to care in a sample of United States Marine Non-Commissioned Officers: Implications for future frontline supervisors' suicide prevention training programs*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
11. Branlund, S. (2012). *Deployment-related correlates of suicide behavior in the United States military*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
12. Kochanski, K. (2012). *Characteristics of living and deceased suicidal military personnel based on single versus multiple suicide attempt status*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
13. Sterling, G. (2012). *Perspectives of survivors on military suicide decedents' life stressors and male gender role stress using the Male Gender Role Stressor Inventory (MGRSI)*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
14. George, B. (2011). *Gender differences in suicide ideation among an active duty military inpatient sample*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
15. Martin, J. (2011). *A cluster analysis typology of suicide in the United States Air Force*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
16. Martin, J. (2009). *Examination of United States Air Force suicide death investigation files*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.

Masters Theses and Dissertation Committees – Chair

1. Lee, A. (2017). *The impact of combat injury and trauma on marital relationships*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
2. Gehrke, A. (2017). *Optimization of function and health-related quality of life in adult cancer survivors*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
3. Ware, C. (2016). *Sleep disorders in a cardiovascular risk population: Feasibility of cognitive-behavior therapy for insomnia*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
4. Cofell, L. (2011). *The association between interpersonal relationships and the mental and physical health of postpartum active duty military women*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.

Masters Theses and Dissertation Committees – Member

1. Colborn, V. (2020). *Reasons for living, reasons for dying, and the internal struggle hypothesis of suicide: Examining the link between suicidal states and suicide-focused treatment outcomes in military personnel*. The Catholic University of America, Doctoral Dissertation, Clinical Psychology.
2. Reo, G. M. (2019). *Acute substance use in USAF suicide decedents: An analysis of AFOSI death investigation files*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.

3. Webb, A. (2017). *Predicting attrition in the MOS phase of an Army specialty training program*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
4. Gehrke, A. (2016). *Cancer survivor comorbidity and the Americans with Disability Act Amendment Act*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
5. Sells, J. (2016). *Characterization of comorbid PTSD in treatment-seeking alcohol dependent inpatients: Severity and personality trait differences*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
6. Webb, A. (2016). *Effects of caffeine and warrior stress on behavioral health: An animal model*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
7. Weisbrod, A. (2016). *Effects of stress and sex on behavioral and biological indices of depression and anxiety in rats*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
8. Ryan, K. (2015). *Cost effectiveness of a lifeline telephone crisis center for reducing Emergency Department visits and preventing suicide, 2009-2014*. American University, Doctoral Dissertation, Clinical Psychology.
9. Weisbrod, A. (2015). *Effects of nicotine, stress, and sex on behavioral indices of depression and anxiety in rats*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
10. Barry, D. (2014). *Evaluating a novel eye tracking tool to detect invalid responding in neurocognitive assessment*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
11. Collins, C. (2014). *Relationship between behavioral health diagnosis and trajectory of cancer survivorship in active duty cancer survivors*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
12. Carlin, L. (2013). *Identifying factors associated with decreased risk of negative outcomes for military service members following psychiatric hospitalization*. American University, Doctoral Dissertation, Clinical Psychology.
13. Henderson, J. (2013). *Breastfeeding initiation and maintenance among African Americans and Blacks enrolled in a nurse home visitation program*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
14. Berg, A. (2012). *Social support, stress, and heart failure outcomes*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
15. Henderson, J., (2012). *The SMILE program: Does timing and dosing of nurse home visits matter in reducing adverse birth outcomes for African American women?* Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
16. Berg, A. (2011). *Perceived social support and markers of heart failure severity*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
17. Moore, M. (2011). *Post-traumatic growth among parent survivors of suicide*. The Catholic University of America, Doctoral Dissertation, Psychology.

18. Clark, R. (2010). *The role of sexual self-schemas and culture in the sexual problems of menopausal women*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
19. Todd, B. (2010). *Which is it, fatigue or depressive symptoms? Factors related to cognitive function in occupationally active breast cancer survivors*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
20. Calvio, L. (2009). *Measurement of cognitive limitations and their relation to work function in breast cancer survivors*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Clinical Psychology.
21. Harrington, C. (2009). *Workstyle, ergonomic, and cortisol response to work demands during computer work: Implications for work-related upper extremity symptoms*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Medical Psychology.
22. Branlund, S. (2008). *Cortisol responses to perceived stress in depressed individuals and healthy controls*. Uniformed Services University of the Health Sciences, Master's Thesis, Clinical Psychology.
23. Rogers, H. (2008). *Social support, acute coronary syndromes, and heart failure: The role of inflammatory processes*. Uniformed Services University of the Health Sciences, Doctoral Dissertation, Medical Psychology.

Mentee Achievements

2019	American Psychological Association [Division19] Dissertation Award, Fernanda De Oliveira
2019	Military Suicide Research Consortium Training Day, Allison Bond
2019	Military Suicide Research Consortium Training Day, Fernanda De Oliveira
2019	Military Suicide Research Consortium Training Day, Ann Jeschke
2019	Military Suicide Research Consortium Training Day, Nathan Kerr
2019	Military Suicide Research Consortium Training Day, Hannah Martinez
2019	National Science Foundation, Graduate Research Fellowship, Margaret Baer
2018	Beck Institute Student Scholarship Competition, Fernanda De Oliveira
2018	Military Suicide Research Consortium, Dissertation Award, Hannah Martinez
2018	Injury Control Research Center for Suicide Prevention, Su Yeon Lee-Tauler
2018	Military Suicide Research Consortium Training Day, Margaret Baer
2018	Military Suicide Research Consortium Training Day, Allison Bond
2018	Military Suicide Research Consortium Training Day, Fernanda De Oliveira
2018	Military Suicide Research Consortium Training Day, Kaitlyn Schuler
2018	Military Suicide Research Consortium Training Day, Theresa Trieu
2017	Military Suicide Research Consortium Training Day, Margaret Baer
2017	Military Suicide Research Consortium Training Day, Rebecca Kauten
2016	First Prize Poster Award, American Association of Suicidology, Victoria Colborn
2016	Military Suicide Research Consortium Training Day, Samantha Daruwala
2016	Military Suicide Research Consortium Training Day, Marcus VanSickle
2016	Military Suicide Research Consortium Training Day, Danielle Worthington
2016	National Research Service Award, Jonah Meyerhoff (University of Vermont)
2015	First Prize Poster Award, American Association of Suicidology, Margaret Baer
2015	Student Travel Award, American Psychological Association, Marcus VanSickle
2015	Military Suicide Research Consortium Training Day, Stacy Tylor
2015	Military Suicide Research Consortium Training Day, Marcus VanSickle
2015	<i>Archives of Suicide Research</i> Paper of the Year Award, Farrah Greene-Palmer

2014	Soldier Partial Tuition Scholarship, Beck Institute, Marcus VanSickle
2014	Dissertation Research Funding, Navy Suicide Prevention Program, Kyna Pak
2014	Military Suicide Research Consortium Training Day, Kyna Pak
2014	Military Suicide Research Consortium Training Day, Marcus VanSickle
2013	National Research Science Award, Sarah Campbell (George Mason University)
2013	Suicide Prevention Research Training Institute, Jaime Carreno Ponce
2013	Military Suicide Research Consortium Training Day, Jaime Carreno Ponce
2013	Military Suicide Research Consortium Training Day, Jessica MacIntyre
2012	Society for Military Psychology Student Research Award, Jessica MacIntyre
2012	American Association of Suicidology Research Competition, Jessica MacIntyre
2011	Dean's Fellowship, Jessica MacIntyre
2011	Society for Military Psychology Student Research Award, Jennifer Bakalar
2010	American Association of Suicidology Travel Grant, Farrah Greene
2010	Cinde Helke Student Travel Award, Jeffery Martin
2008	Cinde Helke Student Travel Award, Shannon Branslund

PROFESSIONAL SERVICE

Service to the International Community

2017-Present	Chair, Research Task Group 277, Leadership Tools in Suicide Prevention North Atlantic Treatment Organization (NATO), Human Factors & Medicine
2016-2017	Co-Chair, Symposium 275, Military Suicide Prevention North Atlantic Treatment Organization (NATO), Human Factors & Medicine
2015-Present	Member, International Advisory Council International Academy of Suicide Research
2014	Panel Member United Kingdom and United States Suicide Prevention Task Force
2013-2014	Member, Community Action Team for International Entities Defense Suicide Prevention Office
2011-2017	Chair, Research Task Group 218, Military Suicide Prevention North Atlantic Treatment Organization (NATO), Human Factors & Medicine
2010-2011	Co-Chair, Exploratory Team 103, Suicide Prevention North Atlantic Treatment Organization (NATO), Human Factors & Medicine
2009-2010	Member, Exploratory Team 103, Suicide Prevention North Atlantic Treatment Organization (NATO), Human Factors & Medicine

Service to the Nation

2019-Present	Member Society for Military Psychology (Division 19) Suicide Mini Think Tank
2019-Present	Member, Data Safety Monitoring Board Effectiveness of a Targeted Brief Intervention for Recent Suicide Attempt Survivors
2018	Consultant United States Navy, Invited to Provide Input to Chief of Naval Operations
2018-Present	Member, Data Safety Monitoring Board Collaborative Assessment and Management of Suicidality-Group
2017-Present	Member, Advisory Board Defense Suicide Prevention Office
2016-Present	Chair, Data Safety Monitoring Board Caring Contacts via Text Message with American Indian and Alaska Native People
2016	Invited Suicide Prevention Subject Matter Expert United States Marine Corps 2/7 Suicide Case Review
2016	Invited Suicide Prevention Subject Matter Expert Joint Special Operations University; Special Operations Religious Support Team
2016	Member, Proposal Review Committee Defense Suicide Prevention Office
2015	Invited Suicide Prevention Subject Matter Expert Women's Health, Consortium on the Health and Readiness of Service Members
2014-Present	Invited Suicide Prevention Subject Matter Expert United States Air Force Suicide Prevention Program, Suicide Case Review
2014-Present	Invited Suicide Prevention Subject Matter Expert United States Navy Suicide Prevention Program, 'Deep Dive' Suicide Case Review
2014-2016	Member, Advisory Board Veterans Affairs Patient Safety Center of Inquiry
2014-2015	Member, International Community Action Team Defense Suicide Prevention Office
2014-2015	Member, Advisory Board, Department of Veterans Affairs Patient Safety Center of Inquiry on Suicide Prevention
2013-2015	Faculty Member and Mentor Military Suicide Research Consortium Pre-Conference Research Training Day
2012-Present	Scientific Advisor American Foundation for Suicide Prevention

2012-2016	Member, Suicide Prevention Coalition for the Veterans Affairs Mental Health Quality Enhancement Research Initiative
2011-2014	Scientific Advisory Committee Member Defense Medical Research and Development Program
2011-2012	Member, Clinical Practice Guidelines Workgroup, Suicide Veterans Affairs/Department of Defense
2011-2012	Member, Consensus Workgroup Military and Veteran Best Practices in Suicide Prevention
2010	Invited Suicide Prevention Subject Matter Expert United States Army Suicide Reduction and Prevention Research Strategic Planning
2009-Present	Consortium Member Department of Defense, Military Suicide Research Consortium
2009-2011	Nominated Member, Task Force United States Department of Defense, Defense Health Board Prevention of Suicide by Members of the Armed Forces
2009-2010	Invited Suicide Prevention Subject Matter Expert Congress Mandated Second Opinion and Consultation Work Group
2009-2010	Suicide Prevention Subject Matter Expert RAND Corporation, 2 Separate National Reports
2009-2010	Member, Suicide Nomenclature Work Group Department of Defense and Veterans Administration
2008-2012	Member, Suicide Prevention and Risk Reduction Committee United States Department of Defense
2007-2012	Chair, Institutional Review Board Task Group American Association of Suicidology
2007-2008	Member, Kalafat Scholarship American Association of Suicidology

Institutional Citizenship

Uniformed Services University of the Health Sciences, Bethesda, MD

2019-Present	Co-Lead Formation of Medical and Clinical Psychology (Department) Counseling Clinic
2019-Present	Member Group on Women in Medicine and Science (GWIMS)
2019-Present	Full Board Member
2006-2018	Institutional Review Board Committee
2018-2019	Alternate Member Institutional Review Board Committee

2017-Present	Alternate Member School of Medicine, Student Promotions Committee
2017-2018	Clinical Team Mentor and Advisor Department of Medical & Clinical Psychology
2015-Present	Course Director, Medical and Clinical Psychology F. Edward Hébert School of Medicine, Pre-Clerkship Training
2015-Present	Trainer, Psychiatric Mental Health Nurse Practitioner Program 2-Day Summer Workshops in Cognitive Behavior Therapy
2015-2017	Supervisor, Psychiatric Mental Health Nurse Practitioner Program Val G. Hemming Simulation Center
2015-2017	Clinical Supervisor, Case Conference Department of Medical & Clinical Psychology
2015-2017	Member School of Medicine, Student Promotions Committee
2014-2015	Member School of Medicine, Institutional & Student Outcome Assessment Task Force
2014-2015	Member Department of Medical & Clinical Psychology, Student Evaluation Committee
2014-2015	Member Department of Medical & Clinical Psychology, Curriculum Committee
2013	Reviewer Henry M. Jackson Fellowship in Medical Sciences Competition
2013	Faculty Advisor Cognitive Behavior Therapy Case Consultation Group
2010	Reviewer Henry M. Jackson Fellowship in Medical Sciences Competition
2009-Present	Scientific Team Member Army Study to Assess Risk and Resilience in Servicemembers (Army STARRS)
2009-2012	Member Suicide Attempt Case Control Committee, Army STARRS
2009-2012	Reviewer Research Week Poster Competition
2009-2011	Member DoD Suicide Event Report Committee, Army STARRS
2009-2010	Member Graduate Education Committee

2007-2012	Member Department of Medical & Clinical Psychology, Student Evaluation Committee
2007-2010	Trainer, Cognitive Behavioral Assessment and Management of Suicide Center for Deployment Psychology
2006-2017	Webmaster Department of Medical & Clinical Psychology
2006-2007	Clinical Supervisor, Psychiatry Residency Program National Naval Medical Center
2006-Present	Suicide Prevention Consultant Advisory Role, Scientific Protocols Involving Suicide Risk for Human Subjects
2006-Present	Member, Theses and Dissertation Committees Department of Medical and Clinical Psychology
2006-2019	Psychology Pre-Doctoral Internship Coordinator Department of Medical and Clinical Psychology
2006-2019	Time2Track Trainer for Documenting Psychology Practicum Hours Department of Medical and Clinical Psychology

Institutional Citizenship

Prior Positions

2002-2004	Psychology Club Advisor Department of Psychology, Community College of Baltimore County, Catonsville, MD
2002-2004	Consultant Foreign Affairs Grant, Community College of Baltimore County, Catonsville, MD
2001-2004	Faculty Volunteer Service Learning Institute, Community College of Baltimore County, Catonsville, MD
2001-2004	Member Education Assessment Team, Community College of Baltimore County, Catonsville, MD
2001-2004	Faculty Search Committee Member Business & Social Sciences, Community College of Baltimore County, Catonsville, MD
2000-2001	Data Analyst & Consultant Co-Occurring Disorders Program, Springfield Hospital Center, Sykesville, MD
1997-1999	Member, Graduate Admissions Committee Department of Psychology, Fairleigh Dickinson University, Teaneck, NJ
1993-1996	Volunteer and Certified Sexual Assault Prevention Counselor Victim Services and Prevention, Community Services Program, Irvine, CA

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2016-Present Society for Military Psychology, American Psychological Association Division 19
2012-Present International Academy of Suicide Research
2006-Present American Association of Suicidology
2006-2011 Eastern Psychological Association
2004-Present Academy of Cognitive Therapy
2003-2011 Maryland Psychological Association
1994-Present American Psychological Association
1994-Present Association for Behavioral and Cognitive Therapies
1994-2012 Anxiety Disorders Association of America

EDITORIAL ACTIVITIES AND SCIENTIFIC REVIEWS

Ad Hoc Reviewer

American Journal of Cardiology
American Journal of Psychiatry
American Journal of Public Health
American Psychologist
Annals of Internal Medicine
Anxiety, Stress, & Coping
Archives of Suicide Research
Behaviour Research and Therapy
BMC Psychiatry
Clinical Investigation
Clinical Psychology & Psychotherapy
Clinical Psychology: Science and Practice
Contemporary Clinical Trials
Crisis: The Journal of Crisis Intervention and Suicide Prevention
Depression and Anxiety
General Hospital Psychiatry
Global Journal of Business, Management, and Accounting
Health Psychology
Health Psychology and Behavioral Medicine
International Journal of Emergency Mental Health
International Journal of Environmental Research and Public Health
Journal of Affective Disorders
Journal of Clinical Psychiatry
Journal of Clinical Psychology
Journal of Family Psychology

Journal of Primary Prevention
Journal of Psychiatric Research
Journal of Public Mental Health
Mayo Clinic Proceedings
Medical Care
Military Behavioral Health
Military Medicine
Military Psychology
Molecular Psychiatry
Neuropsychiatric Disease and Treatment
Nordic Journal of Psychiatry
Psychiatric Services
Psychiatry Research
Psychological Assessment
Psychological Services
Psychology & Psychotherapy
Psychology Research and Behavior Management
Psychological Medicine
Psychological Services
Psychosomatic Medicine
Suicide and Life Threatening Behavior

Book Reviewer

Cognitive Behavioral Therapy Book Reviews
Guilford Press
John Wiley & Sons: Publishing Company
McGraw-Hill Education
Veterans Affairs/Department of Defense Clinical Practice Guidelines: Bipolar Disorder; Suicide
Worth Publishers

Scientific Abstract Reviewer

American Association of Suicidology
Association for Behavioral and Cognitive Therapies
International Summit on Suicide Prevention

Scientific Grant Reviewer

2013-Present	American Foundation for Suicide Prevention
2015	Veterans Health Administration, Office of Research and Development
2011	Health Services and Population Health Research Committee, Scottish Government
2010	United States Army Center for Health Promotion and Preventive Medicine
2009	City University of New York Collaborative Incentive Research Grant Program

AWARDS AND HONORS

- | | |
|-----------|--|
| 2019 | Nominated, Dean's Annual Faculty Teaching Award
F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences |
| 2017 | Recipient, NATO Scientific Achievement Award
North Atlantic Treaty Organization, Science & Technology Organization |
| 2017 | Recipient, Outstanding Reviewer
Psychiatry Research Journal |
| 2017 | Runner-Up, Department of Medical & Clinical Psychology Faculty Award
Uniformed Services University of the Health Sciences, Student Advocacy Committee |
| 2016 | Recipient, Outstanding Biomedical Educator Award
Uniformed Services University of Health Sciences |
| 2009 | Nominated and Selected, Task Force Appointee
(1 of 14 Selected National Subject Matter Experts)
Defense Health Board, Prevention of Suicide by Members of the Armed Forces |
| 2009 | Recipient, Cinda Helke Award for Excellence in Graduate Student Advocacy
Uniformed Services University of the Health Sciences |
| 2002-2004 | Recipient, Faculty Learning and Student Development Educational Grant
Community College of Baltimore County |
| 1996-1999 | Recipient, Johnson & Johnson Scholarship
Fairleigh Dickinson University |
| 1996 | Recipient, Outstanding International Graduate Student Award
Chapman University |

REFERENCES

Available Upon Request

TAB 14

*Faculty Appointments and Promotions
Inouye Graduate School of Nursing*



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

DANIEL K. INOUE GRADUATE SCHOOL OF NURSING

4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4799
www.usuhs.edu/gsn



January 16, 2019

MEMORANDUM FOR BOARD OF REGENTS

SUBJECT: Faculty Appointments and Promotions

1. The attachment is a list of recommendations for appointments, tenure and promotions in the Daniel K. Inouye Graduate School of Nursing.
2. I recommend that you approve these recommendations and forward them to the President of the University for further action.

Carol A. Romano

Carol A. Romano, PhD, RN, FAAN
Dean and Professor

**PROPOSED FACULTY
APPOINTMENTS AND
PROMOTIONS
FEBRUARY, 2020**

GSN CAPT/BOR LIST

Appointment	Rank	Proposed Action
Dr. Joan Wasserman*	Professor with Tenure	Approve recommendation for Appointment and Tenure

* The appointment to the rank of Professor with Tenure for Dr. Joan Wasserman was approved at the August 6, 2019 BOR meeting.

In January, 2020, the GSN became aware of an administrative error that invalidated the recommendations found in executing the July 2019 GSN Committee on Appointment, Promotion and Tenure (CAPT) process.

This error has been corrected. The GSN CAPT reconvened in January 2020 to reevaluate Dr. Wasserman for rank and tenure. This 2020 January BOR recommendation is a resubmission of the same recommendation for Professor with tenure rank. There have been no financial or role consequences to Dr. Wasserman in her position as Associate Dean for Research related to this error.



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES
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www.usuhs.edu



January 21, 2020

MEMORANDUM FOR DEAN, GRADUATE SCHOOL OF NURSING

SUBJECT: CAPT Approval of Recommendation for the Appointment of Joan E. Wasserman, PhD, RN, CNM, FACNM to Full Professor with Tenure, Research/Education Pathway

The Graduate School of Nursing (GSN) Committee on Appointments, Promotions, and Tenure (CAPT) met on July 8, 2019 to review the packet that was prepared and distributed in advance in support of the recommendation of Joan E. Wasserman, PhD, RN, CNM, FACNM for academic appointment to Full Professor with Tenure, Research/Education Pathway. The Committee reconvened on January 17, 2020.

Committee members included: Marguerite M. Engler, PhD, RN, FAHA, Chair; David F. Cruess, PhD; Laura Taylor, PhD, RN, AENF, FAAN, Jeffrey Quinlan, MD, CAPT, MC, USN, Stephan Durning, MD, and Mary B. Engler, PhD, RN, FAHA. The voting members for rank included Marguerite M. Engler, PhD, RN, FAHA; David F. Cruess, PhD; Laura Taylor, PhD, RN, AENF, FAAN, Mary B. Engler, PhD, RN, FAHA, Jeff Quinlan, MD, CAPT, MC, USN, and Stephan Durning, MD. The voting members constituted a quorum for consideration of Dr. Wasserman's qualifications for academic appointment to Full Professor. All 6 voting members of the Committee unanimously supported and voted enthusiastically to recommend Dr. Wasserman's appointment to the rank of Full Professor, Research-Education Pathway based on her exceptional achievements.

For consideration of Tenure, the following Committee members eligible to vote included Marguerite M. Engler, PhD, RN, FAHA, Chair, voting; Mary B. Engler, PhD, RN, FAHA, voting; and, Stephan Durning, MD, voting. All three voting members of the Committee unanimously recommended Dr. Wasserman's academic appointment to Full Professor with Tenure.

The members of CAPT had all reviewed in advance the complete academic package of Dr. Wasserman that had been provided for consideration of her academic appointment with Tenure. Discussion at the meeting focused on overall qualifications of Dr. Wasserman in the areas of scholarship, professional practice, teaching, and academic/community service. The Committee

was impressed by the excellence of Dr. Wasserman's scholarship and academic productivity over her 37 year career in significant positions, many with federal administrative leadership at the National Institutes of Health (NIH).

She has been a valued mentor to faculty all over the country who benefitted from her guidance and received federally-funded research grant awards. Dr. Wasserman was also responsible for developing research agendas and roadmaps for NIH. Moreover, in the short time Dr. Wasserman has been at USUHS, she has made significant contributions to the PhD Program in Nursing Science, and provided service to multiple University and GSN Committees including the Institute Review Board, Council of Centers and the Dean's Executive Cabinet.

In summary, we wholeheartedly support the recommendation for Dr. Wasserman's academic appointment for Full Professor with Tenure, Research/ Education Pathway, based on her exceptional achievements in all areas. We look forward to her continued significant contributions to the growth in excellence of the Graduate School of Nursing.

Marguerite M. Engler, PhD, RN, FAHA
Professor
PhD Program in Nursing Science
Chair, GSN Committee on Appointments,
Promotions and Tenure (CAPT)

TAB 15

Faculty/Student Awards

Inouye Graduate School of Nursing



GRADUATE NURSING
Daniel K. Inouye Graduate School of Nursing

Board of Regents Award Nomination Narrative

Submitted by the Family Nurse Practitioner/Women's Health Nurse Practitioner Faculty

MAJ Amber Birkle, AN, USA

Family Nurse Practitioner/Women's Health Nurse Practitioner Program

It is with pleasure that we nominate MAJ Amber Birkle for the 2020 Graduate School of Nursing (GSN) Board of Regents Award. MAJ Birkle will graduate in May with a Doctor of Nursing Practice degree from the Uniformed Services University of the Health Sciences with a dual major in Family Nurse Practitioner and Women's Health Nurse Practitioner. During the didactic phase of the program and across the Phase II clinical immersion, MAJ Birkle has been a standout leader, demonstrated academic excellence and contributed to the school, university and nursing discipline above and beyond what was required for the program. She is truly deserving of the highest award the university can bestow upon a GSN student.

Academic Achievement

MAJ Birkle achieved a remarkable 4.0 GPA on a 4.0 scale as a dual-track family and women's health nurse practitioner student through the entire 3 years of this very rigorous program, a feat achieved by only 1 other students in the graduating cohort. By the end of the program, MAJ Birkle will achieve over 2000 clinical hours, well exceeding program expectations. She was selected from thousands of applicants as a Jonas Scholar, an elite group dedicated to improving veteran's healthcare, developing nursing faculty, fostering nursing leadership, and sparking innovative practice approaches. Jonas Scholars perform a leadership project above and beyond program requirements. MAJ Birkle was invited to present her project entitled "Utilization of Battlefield Auricular Acupuncture in Soldiers with Non-traumatic Low Back Pain" at the Jonas Scholars Conference in Washington, D.C. The project was developed to provide assistance and information to primary care clinicians caring for Soldiers with one of the most common non-battle injuries.

To further disseminate her knowledge of integrative medicine, she co-authored an abstract submitted to the American Association of Colleges of Nursing (AACN) Doctoral Education Conference in Coronado, CA. The abstract was competitively selected and she led her team in giving a podium presentation at the conference in January, 2019.

Her leadership further led to selection for a poster presentation for the joint Sigma Theta Tau, International (STTI) Honor Society of Nursing & National League for Nursing (NLN) Education conference in Washington, D. C. in March 2020 and a one-hour podium presentation at the American Association of Nurse Practitioners (AANP) Conference in Jun 2020. MAJ Birkle is

hard at work composing a publication on integrative medicine curriculum in Family Nurse Practitioner education for a nurse practitioner journal.

Leadership

MAJ Birkle has been a leader since day 1 of the program. Her leadership has been recognized in many ways including as a Jonas Scholar, selection to present at the Jonas Leadership Conference, leading her DNP Project team, heading up a team to submit abstracts and present at the AACN, STTI/NLN and AANP Conferences. It is highly unusual for a student to be selected for a podium or poster presentation at one conference while they are a student, it is unheard of for a student to be selected for podium presentations at 4 prominent conferences before even graduating from the program!

From very early in the program, MAJ Birkle demonstrated advanced leadership. She created study groups across multiple courses and tutored struggling students. During her 2nd semester, she was invited to represent the GSN student body as representative to the GSN Student Promotions Council (SPC), providing valuable feedback and insight to faculty regarding student academic, integrity & professionalism cases. Her desire to showcase her achievements in the best light possible led to her selection to attend the Tri-Service Nursing Research Program Writing Workshop. Her presence on multiple, high level, high visibility projects and committees is unparalleled in the GSN. Her leadership and academic prowess led to her selection to attend several operational medicine courses, and in a few months, will earn the Diploma in Mountain Medicine from the Wilderness Medical Society.

Professional Contributions to Nursing & Health Care

MAJ Birkle successfully led her DNP project team through IRB submission, data collection and data analysis for a project entitled, “Utilization of Battlefield Auricular Acupuncture in Soldiers with Non-traumatic Low Back Pain at Womack Army Medical Center”. The project led to the implementation of a walk-in Battlefield Auricular Acupuncture clinic, resulting in over 300 patient encounters. Her leadership was indispensable in the execution of this DNP project. Additionally, her organization and attention to detail easily kept the team focused, producing a well-developed and high quality product. MAJ Birkle and her team were selected to present their DNP project for a one-hour podium presentation at the national AANP conference in New Orleans, LA in June 2020.

Understanding the need to increase the operational readiness and capabilities of nurse practitioners, MAJ Birkle served as the GSN Operational Medicine representative from 2017 to 2019. She collaborated with leaders across the organization to enhance operational education and knowledge among all USU students and faculty. She successfully completed the Military Mountain Medicine Course in Jericho, VT in the summer of 2019 and is scheduled to participate in the Cold Weather Avalanche Course in February 2020. Upon completing this course she will apply for the Diploma in Mountain Medicine. She led an effort incorporating input from past and present GSN students to submit an article to the Army Nurse Corps newsletter highlighting the importance of these operational medicine courses in developing highly qualified military nurse practitioners and the GSN’s commitment to NP operational readiness.

MAJ Birkle partnered with her Phase II Site Director in two specific initiatives that impacted the overall readiness of Soldiers and staff of Fort Bragg and Womack Army Medical Center. First,

she served as a BFA table trainer assisting in the Pain Management Department's instruction of over 30 Fort Bragg Physicians, PAs, NPs and RNs. Then, in an effort to decrease a significant backlog of Soldiers in need of routine Pap test screening, she was instrumental in the completion of over 100 Pap tests over the course of three afternoon clinics. These focused Pap screening days were so successful that two other WAMC clinics plan to replicate the program. These two initiatives were performed outside of her regular academic obligations.

MAJ Birkle is professionally, academically and physically fit. She is the best example of a well-rounded, operationally and medically ready future nurse practitioner. These are just a few examples of the numerous academic, leadership and professional contributions of MAJ Amber Birkle that distinguish her from her peers and make her the clear choice for the Board of Regents Award. She is the embodiment of excellence in clinical practice, leadership and professionalism that is associated with being a graduate of the Uniformed Services University of the Health Sciences.

TAB 16

*Faculty/Student Awards
Postgraduate Dental College*



**UNIFORMED SERVICES UNIVERSITY OF THE HEALTH
SCIENCES**

DANIEL K. INOUE GRADUATE SCHOOL OF NURSING
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4799
www.usuhs.edu



26 December 2019

MEMORANDUM FOR THE PRESIDENT, USU

THROUGH: USU BOARD OF REGENTS

SUBJECT: Exceptional Service Award for Captain Sean Meehan

The USU Names and Honors Committee fully supports the presentation of the Exceptional Service Award to CAPT Meehan for his many years of distinguished service to the Military Health System and the Uniformed Services University as Professor and Dean of the Naval Post Graduate Dental School

Thank you for your consideration.

Carol A. Romano PhD, RN, FAAN
Dean and Professor
Chair of Names and Honors Committee



**UNIFORMED SERVICES UNIVERSITY OF THE HEALTH
SCIENCES**

POSTGRADUATE DENTAL COLLEGE
2787 WINFIELD SCOTT RD., SUITE 220
JBSA FORT SAM HOUSTON, TX 78234-7510
www.usuhs.edu



18 December 2019

MEMORANDUM FOR PRESIDENT, UNIFORMED SERVICES UNIVERSITY

THROUGH: CHAIR, USU BOARD OF REGENTS

CHAIR, USU NAMES AND HONORS COMMITTEE

SUBJECT: Exceptional Service Award for CAPT Sean C. Meehan

In accordance with USU Instruction 1432, please find the attached nomination for CAPT Sean Meehan to receive the Exceptional Service Award. CAPT Meehan fulfills the requirements of the award, having provided exceptionally meritorious service which is of major significance to USU.

CAPT Meehan was appointed to the inaugural PDC faculty in 2010 as a Professor of Oral Medicine. He was named the NPDS Associate Dean in 2011 and progressed to the position of Dean, NPDS in 2016. He has had a profound impact on Navy dentistry and the USU through his service to the Postgraduate Dental College. The justification and proposed citation for this award are attached.

Respectfully request endorsement of the ESA for CAPT Meehan

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Date: 2019.12.18 10:52:31 -06'00'

THOMAS R. SCHNEID, DMD, MS
Executive Dean
Postgraduate Dental College

NARRATIVE JUSTIFICATION
EXCEPTIONAL SERVICE AWARD
TO
CAPTAIN SEAN C. MEEHAN
UNITED STATES NAVY

Captain Sean Meehan was appointed as Professor and Chair of Oral Medicine in May of 2010 as a member of the inaugural Naval Postgraduate Dental School (NPDS) faculty within the Uniformed Services University of the Health Sciences (USU). He served in that capacity until July of 2011 when he was appointed as the Navy's Associate Dean. He was selected as Dean of the NPDS in 2016. During his tenure as Dean, Professor Meehan performed all of his duties in an exemplary manner. His superb mentorship ensured the growth of the next generation of Navy Dental Corps leaders while ensuring adherence to the highest standards of quality in didactics, clinical practice, and research for the Postgraduate Dental College (PDC).

Dean Meehan annually led approximately 70 faculty members and 50 Navy, Army, Air Force, VA, and USPHS students in 6 different postgraduate residencies. His strong but compassionate leadership resulted in the graduation of 79 residents that were awarded Masters of Science in Oral Biology degrees from the USU, representing 47% of the NPDS graduates since the inception of the PDC. Dean Meehan persistently spearheaded efforts within Navy leadership to finalize affiliation of 10 non-degree granting PGY-1 residencies with the PDC to establish a true postgraduate educational continuum. His efforts secured valuable USU Learning Resource Center and Learning Management System access for students and faculty, Commission on Dental Accreditation-required faculty development training, and USU faculty appointments for qualified staff.

Professor Meehan consistently provided exemplary support and service to the USU. First and foremost, he served as the eyes and ears for the PDC on the Bethesda campus, willingly providing his sage counsel and wealth of experience to the discussion of key strategic, policy, and operational issues. Dean Meehan served as the PDC Executive Dean's primary on-campus representative for University Council meetings, dignitary visits, and as liaison to the President, USU when required. In addition, he represented the PDC, on-stage, at the 2019 USUHS Commencement Exercises. He frequently guaranteed representation for the Executive Dean at numerous committees and university venues as he provided staff and resident members for the Faculty Senate, Appointment and Promotions, Global Health, Learning Resource Center, Interprofessional Education, Strategic Performance and Resourcing, Anatomical Materials Review, as well as multiple Search Committees. Dean Meehan personally served on the Search Committee for the Western Region Senior Vice President for University Programs and PDC Associate Deans for Dental Research and Faculty Affairs. As a champion for interprofessional education initiatives, he guaranteed NPDS' partnership for military unique field training

opportunities by supporting the Bushmaster, Military Field Practicum 101, and the Military Contingency Medicine Course with faculty and resident participation. To illustrate his commitment to Faculty Development initiatives, Dean Meehan organized, led and hosted over 100 Army, Navy, Air Force, USPHS, and Canadian dental educators at the 2018 Federal Services Dental Educators' Workshop which provided a forum for collaboration on potential joint education and training opportunities. In addition, he provided subject matter expertise for the highly successful accreditation review by the 2013 Middle States Commission on Higher Education (MSCHE) Accreditation Decennial Review and was a valuable participant in the discussion with the MSCHE site visit team, ensuring that the perspectives of dental education were always considered. Since 2016, Dean Meehan has participated as a faculty member teaching within the course entitled: "Seminar in Healthcare Administration and Policy (Accreditation)". He served as a key concept developer and contributor in revamping the course curriculum focusing the addition of student Capstone Projects with key functions in the Walter Reed National Military Medical Center. He has also consulted with USU SMEs in the areas of Health Professions Education and Global Health Engagement.

To further exemplify his dedication to the operational mission, his accomplishments and support were generated while he maintained his role as a clinically active expert in Oral Diagnosis and Oral Medicine, providing curriculum related instruction to NPDS students. He maintained currency on critical national dental education issues through participation in the Council of Deans symposium with his national and international peers within the American Dental Education Association. He is certified as a Diplomate of the American Board of Oral Medicine and has served as Specialty Leader for Oral Medicine, Pharmacology and Radiology to the Navy Surgeon General, as well as having served as Special Assistant to the Dental Corps Chief for Joint Commission Affairs.

Dean Meehan has set a high standard for PDC Deans. He has exemplified a consistent record of superior sustained performance with unparalleled exceptional service and support to the mission of the Postgraduate Dental College and the Uniformed Service University. Upon completion of his tenure as Dean, he will continue his service to the USU with his return to the faculty as Chair, Department of Oral Medicine within the NPDS.

CITATION TO ACCOMPANY THE AWARD OF
EXCEPTIONAL SERVICE AWARD
TO
CAPTAIN SEAN C. MEEHAN
UNITED STATES NAVY

Captain Sean Meehan is recognized for exceptional service as Professor of Oral Medicine and Dean of the Naval Postgraduate Dental School from July 1, 2016 to June 30, 2020. During this time, he annually led 70 faculty and 50 students in 6 different specialty residencies, conferring a total of 79 Masters of Science degrees. Dean Meehan provided exemplary support to the University as he guaranteed main-campus representation for the Postgraduate Dental College. He assured dental support for the Bushmaster Exercise, Military Field Practicum 101, and the Military Contingency Medicine Course. Furthermore, Dean Meehan coordinated the 2018 Federal Services Dental Educators' Workshop for over 100 Army, Navy, Air Force, VA, USPHS, and Canadian dental educators, providing a forum for collaboration on potential joint education and training opportunities. In addition, he served as a key concept developer and contributor in revamping the Seminar in Healthcare Administration and Policy for Accreditation course curriculum focusing the addition of student Capstone Projects with key functions in the Walter Reed National Military Medical Center. Captain Meehan's accomplishments are in keeping with the highest standards of the University and reflect great credit on him, the Postgraduate Dental College and the Uniformed Services University of the Health Sciences.

Jonathan Woodson
Chair, Board of Regents

Richard W. Thomas
President



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

POSTGRADUATE DENTAL COLLEGE
2787 WINFIELD SCOTT RD., SUITE 220
JBSA FORT SAM HOUSTON, TX 78234-7510
www.usuhs.edu



11 Dec 2019

MEMORANDUM FOR PRESIDENT, USU

THROUGH: CHAIR, BOARD OF REGENTS

SUBJECT: Board of Regents Patrick D. Sculley, DDS Award Nominee

I am pleased to inform you that the Postgraduate Dental College (PDC) has made its nomination for the 2020 Board of Regents Patrick D. Sculley, DDS Award. The Board of Regents “Sculley” Award is named for the PDC’s founding Dean and is the highest honor given to a graduating student. The individual has an established record of excellence and exemplifies the core values and identity of his or her profession.

This year, the PDC nominee is Captain Daniel J. Phillips, DC, USA. Captain Phillips attended California State University Long Beach in Long Beach, CA, where he earned a degree in Biology.

In 2010, he entered the Temple University Dental School in Philadelphia, PA. Dr. Phillips received his DMD degree in 2014.

Following graduation, Dr. Phillips was assigned to Fort Benning, GA, where he completed a 12-month Advanced Education in General Dentistry training program. In 2016, Dr. Phillips entered residency training in Periodontics at Fort Gordon, GA. While at the Fort Gordon, he completed a research investigation titled, “Buccal bone thickness adjacent to virtual dental implants following guided bone regeneration.”

His research was judged as best within the Postgraduate Dental College among 74 entries from the Army, Navy and Air Force Postgraduate Dental Schools --- which in the Postgraduate Dental College process, is considered a primary discriminating factor in conjunction with his demonstrated excellence in service, leadership, and scholarship, that identifies him as our nominee for the Board of Regents Award.

Captain Phillips’ Curriculum Vitae attests to an academic and military career marked by leadership, distinction, and superior sustained performance. Should you desire any further information about Captain Phillips, please contact Colonel Peter H. Guevara via e-mail peter.h.guevara.mil@mail.mil or by telephone (210) 295-9604.

I am delighted to nominate Captain Daniel J. Phillips for the Board of Regents Patrick D. Sculley, DDS Award and respectfully seek the Board's endorsement and President's approval.

THOMAS R. SCHNEID, DMD, MS
Executive Dean, Postgraduate Dental College

CPT(P) Daniel Joseph Phillips DMD MS

Chief of Periodontics, Fort Benning GA

7101 Hoff St. Bldg. 9240
Fort Benning, GA
31905

(706) 544-3002
Daniel.j.phillips85.mil@mail.mil



CPT(P) Phillips serves as the Chief of the Periodontics Department at Love Dental Clinic at Fort Benning GA, but also serves as a mentor to eight 12-Month Advanced Education in General Dentistry residents. He is the sole periodontist at Fort Benning, which has a population of approximately 20,000 active duty service members.

Dr. Phillips has twice been a speaker at the US Army Dental Short Course at Fort Gordon Ga, speaking on esthetics in dental implant therapy, and the diagnosis of periodontitis. He has also had the privilege of presenting his published research: “Buccal bone thickness adjacent to virtual dental implants following guided bone regeneration” at the 2018 American Academy of Periodontology annual meeting.

Education and Training:

Uniformed Services University of the Health Sciences, Fort Gordon GA, (2016-2019), MS in Oral Biology

US Army Advance Education in Periodontics: Periodontology, Fort Gordon GA, (2016-2019)
12-month AEGD Residency, Fort Benning Ga, (2014-2015)

Temple University Dental School, Philadelphia PA, (2010-2014), DMD

California State University Long Beach, Long Beach CA, (2006-2010), BS Biology

Military Education:

Captain Career Course, Fort Sam Houston TX, 2016

Combat Casualty Care Course, Fort Sam Houston TX, 2015

Basic Officer Leadership course, Fort Sam Houston TX, 2014

Dental Licensure: Pennsylvania, Expires: 31 MAR 2021

Assignments or Employment Records:

Staff Periodontist and 12-Month AEGD mentor, Fort Benning GA, July 2019-Present

Resident, US Army Advanced Education in Periodontology, Fort Gordon GA, July 2016-July 2019

General Dentist, Fort Benning GA, July 2015-June 2016

Resident, US Army 12-Month Advanced Education in General Dentistry, Fort Benning GA, July 2014-June 2015

Academic Appointments:

Periodontology Mentor, Fort Benning GA, 12-month AEGD Program, July 2019-Present

National Professional Committee Membership:

American Academy of Periodontology, October 2016-Present

American Dental Academy, July 2014-Present

Professional (Military and Medical) Honors and Awards:

Army Commendation Medals 2016, 2019

Army Achievement Medal 2015

List of Publications:

Phillips D, Swenson D, Johnson T. Buccal bone thickness adjacent to virtual dental implants following guided bone regeneration. J Periodontol. 2019;90, 595-607

TAB 17

University President Report

USU Board of Regents

President's Report February 4, 2020

Richard W. Thomas, MD, DDS
President



as of 15 January 2020

Issue Updates

- University Audits
- University Budget Cuts/Defense-Wide Review
- University Space Updates
- University Leadership Search Committees
- AFRRI Leadership Transition
- NSAB Updates
- President's Leadership Series
 - University Alumni/Faculty Recognition



Significant Events

- German Deputy Surgeon General visit to USU, Dec 2
- Maryland Delegate, District 18, Jared Solomon, visit to USU, Dec 10
- The White House Office of Science and Technology Policy visit to USU 4DBio3, Dec 11
- Jamaican Defense Force visit to USU, Dec 12
- Vietnam Military Medical University visit to USU, Jan 13
- Sri Lankan Medical Consultant to the Army (Surgeon General) visit to USU, Jan 23





TAB 18

*Assistant Secretary of Defense
(Health Affairs) Report*



THE ASSISTANT SECRETARY OF DEFENSE

1200 DEFENSE PENTAGON
WASHINGTON, DC 20301-1200

HEALTH AFFAIRS

MEMORANDUM FOR UNIFORMED SERVICES UNIVERSITY OF HEALTH SCIENCES BOARD OF REGENTS

SUBJECT: Military Health System Update

Thank you for the continued opportunity to keep the board abreast of the numerous developments ongoing within the Military Health System (MHS). As you are aware, the MHS continues to execute the most significant transformation of the military medical enterprise in over 30 years. Additionally, as many of you are aware, the Secretary of Defense and Congress have enacted multiple changes over the past several months through both the Defense Wide Review process and the recently passed National Defense Authorization Act. Below are several updates on key initiatives since my last update.

Defense Wide Review: As you know, the Secretary of Defense initiated a comprehensive review of the fourth estate with an intent to reduce costs and eliminate programs that are not aligned towards the National Defense Strategy. A significant review of the Military Health System has been included as part of this effort. A number of courses of action are being considered as part of this process. Presently, the Office of the Under Secretary of Defense for Personnel and Readiness and the Office of the Assistant Secretary of Defense for Health Affairs are tasked with conducting a number of assessments to support this work. The Uniformed Services University of Health Sciences (USUHS) is participating in and leading several of these assessment efforts.

National Defense Authorization Act (NDAA) 2020: Similar to the past three NDAA's, NDAA 2020 included numerous reforms to the MHS including refining the roles and responsibilities of DHA and the Military Departments in the MHS, providing the ability to execute management directed reassignments for civilian personnel transfers from the military medical departments to DHA, significant requirements for the Military Departments and DHA to conduct detailed analysis and seek Congressional approval prior to executing any military medical manpower reductions, a requirement to preserve the resources of Military Medical Research Command, and the creation of a new administrative claims process for Feres-barred medical malpractice claims. Further, the conference report conveyed Congress' continued expectation that the Department will move forward with previously directed reforms outlined in NDAA 17 and NDAA 19 for establishing a single MHS unified under the DHA.

Military Treatment Facility (MTF) Management Consolidation Under one Agency: As directed by Congress in the National Defense Authorization Act of 2017 (NDAA 2017) Section 702 and NDAA 2019 Sections 711/712 all Department MTFs and private-sector health care delivery will be under the Defense Health Agency (DHA). As we continue to

move forward with this process, we will begin the transfer of function above the MTFs from the Military Departments to DHA in early February and will subsequently conduct management directed reassignments for the remaining personnel. As the DHA begins to achieve the necessary conditions for transfer of responsibility of functional capabilities from the Military Departments, they will begin to stand up the markets for supporting the MTFs and work towards ending the direct support from the Military Departments.

Rightsizing of the Direct Care System of Hospitals and Clinics: Under NDAA 2017, Sections 703, 725 and 749, Congress has directed the Department to determine which MTFs should be our primary readiness and training platforms for critical wartime specialties and our force generation and sustainment platforms for military Graduate Medical Education programs. Health Affairs, working with the Military Departments and DHA lead a cross sectional team to carry out this initiative. The completed Report to Congress is expected to be delivered in late January and will include the Department's right-sizing recommendations. Moving forward, the Department will develop implementation plans to enact these changes including timelines and processes.

Military Medical Manpower Reductions: As previously mentioned, NDAA 2020 established significant requirements for the Military Departments and DHA to conduct detailed analysis including ensuring the resulting military medical force is capable of responding to all National Defense Strategy scenarios and mitigating the potential gap in health care services created by the requirements. Additionally, the Department must seek Congressional approval prior to executing any military medical manpower reductions. The Department is developing a plan for complying with these new requirements.

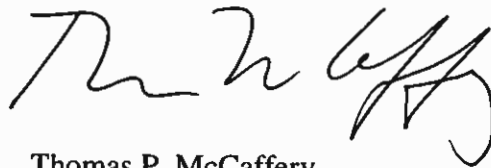
Electronic Health Record Modernization: MHS GENESIS, the new electronic health record (EHR) for the MHS, provides a state of the art commercial product with enhanced, secure technology that will allow beneficiaries and medical providers to better manage health care across the continuum of care, from point of injury on the battlefield to the MTF. In addition, now that the Department of Veteran's Affairs (VA) is implementing the same EHR as the Department of Defense (DoD), the medical record will follow the Service member when separating from military service and transitioning to care at VA health care facilities. We have finalized the Travis Wave which began in September 2019 and we expect three additional waves in 2020 with the next being the Nellis Wave in early summer. Additionally, the DoD has established an interagency team with the VA called the Federal Electronic Health Record Modernization office. Since the last update we have finalized the charter for the program office and are currently working with the VA to select the permanent Director and Deputy Director from over 89 applicants.

Clinical Quality Management and Medical Accountability: Last update I made you aware of the upcoming publication of the new DHA Procedures Manual 6025.13, "Clinical Quality Management in the Military Health System" which was signed by LTG Place. These new procedures are now moving into effect and when coupled with DHA now having authority, direction, and control of all US based MTFs, will result in one of

the most significant changes to the medical accountability process. These changes will standardize practices for all Department of Defense medical providers and will make National Practitioner Data Bank reporting consistent with civilian health facility standards. Additionally, as noted previously, NDAA 20 has created a requirement to establish a new administrative claims process for Feres-barred medical malpractice claims. The mechanism for this is currently being designed and the impacts on the practice of health care and especially operational medicine will need to be reviewed.

Operational Medicine Strategic Framework: As you know, the MHS has faced significant criticism about our readiness for providing trauma care to our wounded and injured service members on the battlefield. The criticism has come both from the media and from providers within our MHS based on their deployment experiences and their experiences at their current MTFs. While not all of the assertions are accurate, I do believe this situation presents a significant opportunity for the MHS to reset how we define, prepare, and sustain a ready medical force and delivery top quality healthcare in major combat operations with a near peer adversary. With this in mind, I have directed the Joint Staff Surgeon and the Acting Principal Deputy Assistant Secretary of Defense through our MHS Governance and in conjunction with the Military Departments to develop a Strategic Framework for Operational Medicine. This framework will provide a common goal or synchronizing and integrating DHA's role in health delivery with the Military Department's readiness and training requirements. Once complete, we will integrate the oversight of this framework into our Military Governance process.

Key Leader Transition: Dr. Terry Adirim, the current Acting Principal Deputy Assistant Secretary of Defense for Health Affairs and the Deputy Assistant Secretary of Defense for Health Services Policy and Oversight is leaving Health Affairs on 1 February to assume the position of Senior Associate Dean for Clinical Affairs and chair and Professor, Department of Integrated Medical Sciences at the Florida Atlantic University College of Medicine. We are currently in the process of seeking replacements for both positions.

A handwritten signature in black ink, appearing to read 'Tom McCaffery', with a stylized flourish at the end.

Thomas P. McCaffery

TAB 19

Hébert School of Medicine Report

Uniformed Services University of the Health Sciences Board of Regents

Board Brief

Submitted by: Arthur L. Kellermann, M.D., M.P.H. Date: February 2020

Title & Department: Dean, School of Medicine Phone 301-295-3016

Purpose: Information X Action

Subject: Dean's Report: School of Medicine (SoM)

Notable Achievements:

Dr. Robert Ursano receives AMSUS Lifetime Achievement Award. At the annual awards banquet of AMSUS, USU's Dr. Ursano, Professor of Psychiatry and Neuroscience, Chair Emeritus of PSY and founding Director of the Center for the Study of Traumatic Stress (CSTS), was recognized for his distinguished career. The AMSUS Lifetime Achievement Award recognizes sustained excellence in the development, invention, and innovation in healthcare that is recognized internationally and makes "significant fundamental contributions of lasting impact to better health outcomes in federal healthcare." AMSUS was founded by Congress in 1903 and is the Society of Federal Health Professionals. (See final photo in this BOR Brief)

USU Center for Health Professions Education established. USU President Thomas recently authorized the Charter of USU's newest interdisciplinary center, which focuses on advancing health professions education throughout the Military Health System. Under the leadership of **Dr. Steven Durning** (MED) USU's HPE program has been widely recognized as one of the world's top research and education programs in HPE. The Center's Certificate, Masters and Doctorate degree programs in HPE, established by Dr. Woodson when he was ASD (HA), are highly successful. So is USU's extensive programs to support national faculty development, residency education and education of DoD health professionals around the world. One major initiative that is quickly reaching fruition is the establishment of a **Distance Learning Laboratory (DLL)** in USU's Zimble Learning Resource Center. This lab, which is led by **Dr. Ron Cervero**, will help USU local and national faculty develop high-impact DL curricula to reach learners on the other side of campus and the other side of the world. Special emphasis will be placed on content that supports the COCOMS and contributes to readiness. (Attachment A)

2d Lt Sidney Zven publishes research in *JAMA Pediatrics*. It is unusual for a medical student to publish a first-authored article, much less do so in a major journal. 2nd Lt Zven's paper, "Association Between Use of Multiple Classes of Antibiotic in Infancy and Allergic Disease in Childhood" also garnered substantial national media attention from outlets such as CNN: <https://www.cnn.com/2019/12/20/health/antibiotics-allergies-children-study/index.html> He was

assisted by several PED Faculty, led by **Lt Col Cade Nylund**, as his Capstone project. Associate Dean **Dr. Marty Ottolini** directs our Capstone program.

HM1 Sully, WRNMMC service dog and clinical instructor in PMR at USU, is getting his own statue at the George H. W. Bush Presidential Library in College Station, TX. The statue will depict Sully wearing his service dog vest with the Great Seal of the U.S. on the back.

Dean's Office Updates:

Recruitment and Admissions:

- **Pipeline activity:** On 18 November 2019, USU hosted the 7th grade class from the Washington School for Girls. The girls participated in hands on activities with our medical students using portable ultrasound machines, learned about the bones of the body, and playing medical Jeopardy. The majority of girls left with solidly positive impressions (Likert score of 4.05 out of 5) of seeking a future career in the medicine, and 4 or 5 students expressed an interest in military medicine.
- **Recruiting:** With the support of our Military Medicine Ambassadors, members of our recruiting team participated in events at Georgetown, George Mason University, Xavier, LSU, Tulane, University of Tennessee, University of Illinois, East Tennessee State University, Wilkes University, Dillard University, UC Davis, West Virginia University, Penn State, Hampton University, VMI, St. Francis College, Towson, the Latino Medical Student Association Pre-Health Fair in Irvine California, the Society for the Advancement of Chicanos/Hispanics and Native Americans in Science STEM Fair in Hawaii, the Annual Biomedical Research Conference for Minority Students in Anaheim California, and the American Association of Medical Colleges Minority Health Fair in Phoenix Arizona. We want the best from across America at "America's Medical School."
- **Admissions:** To date, we have received 3,115 applications for the 2020 Admissions cycle which is slightly increased from the 3,096 applications received last year. We have conducted over 410 interviews for the Class of 2024 and intend to complete at least 575 for this admissions cycle. All interviews should be completed by February. Notable applicants currently holding acceptances for the Class of 2024 include a recipient of the Silver Star, several Bronze Star recipients with Valor; an Airman of the Year; an individual who studied ballet at the Bolshoi Academy in Moscow; the 2017 United States Intercollegiate Boxing Association Middleweight National Champion; a Syrian War Refugee; a prior Physical Trainer for the New York Giants and Atlanta Falcons; a Powerlifting State Record Holder; a professional violinist; a NCAA Swimming Champion who qualified for the Olympic Trials, and several Americorps and Peace Corps Volunteers.
- **EMDP2 (Enlisted to Medical Degree Preparatory Program):** The Navy and Marine Corps Selection Boards for Cohort 7 were recently completed on 23 December 2019. Several members of the Admissions Committee assisted with the review and selection of 6 primary candidates and 3 alternates from a pool of several highly qualified applicants proposed by the Navy and Marine Corps for our review. EMDP2 Cohort 7 Selection Boards for the Army and Air Force which will occur by the end of February 2020.

Medical Student Affairs (OSA):

- **Class of 2023** has finished the first two modules with very strong academic performances. They now head into the CPR Module, historically the most challenging. They have bonded well as a class and have strong elected leadership.
- **Class of 2022** has completed the Preclerkship Period. After a “Transition to Clerkships” week, they headed out to their first clerkship experiences in January.
- **Class of 2021** has returned, from the Clerkship Period in an outstanding fashion. They are currently in the midst of USMLE Step 1 Preparation. The majority of the class will be taking the exam in early February and all are scheduled to test before the start of “Bench to Bedside and Beyond” (B3) on 10 February. They have been actively visiting OSA for one-on-one career advisement and post-clerkship Planning. GME Application Boot Camp is scheduled during B3. We look forward to working with them through their final phase of med school.
- **Class of 2020 Military GME Match Results Announced.** On December 11, the class learned their results. Overall, they did very well, with 89% matching to their desired specialty. By service, 93% of USAF and USN students matched to their desired specialty versus 85% for USA students. Most of those students not matching to specialty sought highly competitive specialties such as: EM (2), Psych (2), ANE (1), Peds (2), ENT (2), RAD (2), Derm (1), PAT (1), Gen Surg (1), PM&R (1), OBGYN (4) and Ophtho (1). Overall, 66% of the class matched to residency programs in currently-identified “Critical Wartime Specialties” (CWS). If all of those referred to the civilian match get their first-choice specialty, the final yield will be 75%. (See Attachment B)
- **Specialty Night**, an annual USU tradition, was held on [date]. This event hosted each year by USU’s Chapter of AOA, brought together more than 250 HPSP and USU students to meet with military program directors from around the MHS. Some of the HPSP students flew long distances to meet presenters and learn about different military residency programs



Office for Diversity and Inclusion:

- On 20 NOV, USU hosted an Inter-Professional Education (IPE) event on health care disparities that brought together 296 students and 41 faculty members from SoM, GSN and

the Howard University School of Social Work. The half-day activity included a panels, small group discussion, and a working reception to foster conversations on how interdisciplinary teams can solve challenges. The event was coordinated by Ms. Shawntell Williams and CDR Patcho Santiago. Ms. Williams will be leaving USU soon for an exciting opportunity in the federal government. In her time at USU she has had an immense impact on our community.

School of Medicine Commandant (OCS):

- At the 2019 AMSUS annual meeting, **LCDR Witzard Seide** was honored as the **PHS Junior Female Physician of the Year for 2019**. She is the PHS Company Commander and Assistant Commandant.
- In conjunction with OSA and student leadership, OCS recently instituted twice weekly accountability and military education formations. Our goal is to increase student knowledge around military customs and requirements.
- On 13 December, Army students from Class 2022 participated in an M4 range, completing one of their **BOLC requirements** as part of their ongoing curriculum. Three student leaders from the class acted as the Officers in Charge of the range activity, gaining valuable knowledge in planning and executing a large group operation.

National Capital Consortium (NCC)/Graduate Medical Education:

- **LCDR Glen Cook** and **Dr. Kevin Cannard** were awarded the "A.B. Baker Teaching Award" by the American Academy of Neurology, presenting at the Annual Meeting in May. This is the national teaching award in Neurology.
- Neurology residents' aggregate score on the annual National In-service Exam for Neurology put them in the **97th percentile** amongst all Neurology Residencies. BZ!
- **NCC Pulmonary/Critical Care Fellows excel in annual CHEST Challenge**. The competition involves a rigorous on-line knowledge examination over the summer, followed by live, game-show style competition including procedural skills testing. WRNMMC's fellows took 2nd place out of all competing training programs in across North America. Achievements like these speak to the quality of GME in the NCC.
- **New Army Fitness test poses challenges** - The Army's new Army Combat Fitness Test (ACFT)—a substantially tougher version of its previous Army Physical Fitness Test, will be difficult for many Army residents and other AMEDD providers to pass. Those who fail the test will not be able to advance to the next level of GME until they do. Moreover, some well-intended efforts to prepare residents to pass the ACFT are having unintended negative consequences. For example, a recent NSAB Army Troop Command directive required Army residents to participate in thrice-weekly morning training sessions. It immediately sparked complaints by residents and faculty who felt caught between the mandate and their already demanding clinical and educational responsibilities. NCC leadership quickly engaged with Army Troop Command, the Director of WRNMMC's and the ACGME to identify the challenge and refine the training regimen in ways that balance the priorities of patient safety and resident education with the requirement that residents be ready to pass the ACFT.

Graduate Education Office (GEO):

- Our Neuroscience Program Open House, held on 12/12/2019, attracted a record 36 abstracts and posters. In our first faculty poster competition, **Dr. Caroline Browne** won first place with our graduate student judges.

Good News:

Anesthesiology (ANE):

- ANE Department Chair, **CDR Arlene Hudson**, recently completed a CRADA with Coridea and VV6 to develop innovative anesthesia and critical devices for prolonged field care and transport. CDR Hudson has also established a working team with DHA Innovation Group on System-Assisted Surgical Anesthesia device development for operational anesthesia and prolonged field care applications.
- The SoM Medical Student Anesthesia Interest Group (AIG) hosted two prominent, national leaders in Anesthesiology at USUHS: **RDML Darren Via** presented the future of Anesthesiology to medical students and NCC anesthesiology residents and **Rupa Dainer MD**, one of 12 Directors on the American Board of Anesthesiology spoke on the defining features of physician anesthesiologists. Both are alumni of USU!
- ANE Malignant Hyperthermia Team renegotiated an MOA with CNMC to continue as clinical site for MH muscle biopsies for non-DoD health care beneficiaries. Our program is the primary site for MH testing for military recruits and military academy applicants.
- **Maj Sarah McAlpine** and **Col Eric Holt** hosted an event for MS1 and MS2 students at the Heming Simulation Center on leadership and followership in advanced cardiac life support.
- **Luke Michaelson, PhD** research Assistant Professor, presented oral testimony as a member of the Maryland Nurses Association to the HB1264, titled “Products Containing a Flame-Retardant Chemical – Prohibition on Import or Sale” to Health and Government Operations Subcommittee in the Maryland General Assembly.

Anatomy, Physiology & Genetics (APG):

- **Drs. Sharon Juliano** and **David Mears** presented the 12th Teaching Tools for Neuroscience Workshop in Kinshasa, Democratic Republic of the Congo (DRC). The participants were residents and interns from the DRC and four neighboring countries.
- **Dr. Juanita Anders** was chosen to receive the ASLMS Leadership, Mentorship & Public Advocacy for Women in Medical Science Award.

Dermatology (DER):

- **LTC Sunghun Cho** at USU, together with the Navy Specialty Leader and AF Consultant, co-authored Tricare guidelines to establish a streamlined referral process for service members that need laser treatment for pseudofolliculitis barbae.
<https://www.militarytimes.com/pay-benefits/2019/12/30/tricare-to-cover-laser-treatments-for-troops-with-severe-shaving-bumps/>

Medicine (MED):

- **Dr. William Kelly**, served as Scientific Program Chair for the 2019 American College of Chest Physicians (CHEST) Annual meeting in New Orleans, LA. The meeting attracted nearly 8,000 attendees and included simulation and interactive learning opportunities. This is the premier event of the year on diseases of the chest.
- MED collaborated with USU’s Graduate School of Nursing to support a pre-clerkship pilot in American Samoa for three USU Medical Students. The goals for the visit are to lay the groundwork for a 4-week elective: orient to Samoa’s healthcare system, learn basic facts

about the Samoan culture, identify major causes of morbidity and mortality, and identify effective strategies to facilitate care in remote and relatively austere settings.

- **Dr. Steve Durning** was awarded the Association of American Colleges (AAMC) Group on Educational Affairs (GEA), 2019 Merrell Flair Award, in recognition of his leadership/sustained commitment to advancing medical education in the United States. This is the highest honor given by the GEA.
- **CAPT Anthony Artino**, Professor and Deputy Director, Health Professions Education, was inducted as a Fellow of the Association for Medical Education in Europe (AMEE).
- **Dr. Robert Goldstein** received the 2019 Walter Lester Henry, Jr., MD, Award for Lifetime Teaching Excellence from the DC Chapter of the American College of Physicians

Military and Emergency Medicine (MEM):

- **Dr. Craig Goolsby**, Professor and MEM Vice Chair for Education, was an invited speaker on wide-ranging topics of Stop the Bleed®, military-civilian knowledge translation, and medical education at four national conferences: the American College of Chest Physicians Annual Meeting in New Orleans, the Human Factors and Ergonomics Society Annual Conference in Seattle, the International Trauma Life Support Conference in Las Vegas, and the Cardiac Arrest Survival Summit also in Seattle. He also published three research and review articles related to the Stop the Bleed® initiative in *Circulation*, the *Journal of Special Operations Medicine*, and *Prehospital Emergency Care*.
- **Maj Regan Lyon**, a USU SoM alumna and national faculty member spoke at the annual meeting of the American College of Emergency Physicians about her work on an elite Air Force Special Operations Surgical Team (SOST). She received a standing ovation – a rare honor for a didactic presenter. <https://t.co/NwFhWalozW>

Microbiology (MIC):

- A SoM collaborative follow-up study by **Drs. Edward Mitre** and **Cade Nylund** (Dept. Pediatrics) was published in JAMA Pediatrics (Dec. 2019, in press) “Association between use of multiple classes of antibiotic in infancy and allergic disease in childhood” was highlighted by CNN. <https://www.cnn.com/2019/12/20/health/antibiotics-allergies-children-study/index.html>
- **Dr. Christopher Broder** presented a lecture on his emerging virus countermeasure research program and toured a new vaccine and immuno-therapeutics production facility by special invitation from the National Health Research Institutes (NHRI) of Taiwan, Ministry of Health and Welfare.
- **Dr. Ann Jerse** presented the Keynote lecture at BacPath 15 in Perth, Australia. She also presented a lecture on her gonococcal disease animal models program at the Global Antibiotic Research and Development Program (GADRP) meeting in Geneva, Switzerland.
- **Dr. Christopher Broder** was selected to join the University of Florida College of Medicine’s “Wall of Fame.” He also received the Dean’s Award for Leadership.

Medical and Clinical Psychology (MPS):

- **Dr. Pat DeLeon** was awarded the American Psychological Association's Society for Military Psychology Presidential Citation, which "recognizes the extraordinary efforts and accomplishments made by Division 19 members and others to the field of military psychology and/or to the Society in the areas of leadership, service, and advocacy."

- A paper authored by **Dr. Natasha Schvey, Dr. David Riggs**, and colleagues on stigma and health among transgender personnel was selected by the American Psychological Association for their “APA Journals Article Spotlight.”

Neurology (NEU):

- **Dr. Margaret Swanberg** was selected to receive the AB Baker Teaching Award by the American Academy of Neurology.

Pathology (PAT):

- **Dr. J. Stephen Dumler** was nominated to serve as Chair of the CDRMP’s Tick-Borne Diseases Research Program programmatic committee, a 3-4 year term.

Pediatrics (PED):

- Recognizing the ~10% of casualty burden due to pediatrics, USU introduced pediatric high fidelity simulated casualties into the Bushmaster field practicum. The cases tested students on evaluation and treatment of abdominal trauma, sepsis, volume resuscitation, placement of intraosseous needles, and medical rules of engagement.
- PED faculty member **LCDR Sebastian Lara** was awarded the Outstanding Young Pediatrician award by the American Academy of Pediatrics Section on Uniformed Services. LCDR Lara’s award citation notes excellence in clinical care and leadership while serving at Naval Hospital Guam supporting military families and emergencies in the local community.
- **MS4 2nd LT Sidney Zven** won the Val G Hemming Award from the American Academy of Pediatrics Section on Uniformed Services for his research project: *Association between use of multiple classes of antibiotics in infancy and prevalence of allergic diseases in childhood*. **Lt Col Cade Nylund** from PED served as the project mentor.
- **COL Patrick Hickey**, PED Department Chair and PI for the Deployment & Traveler Health Knowledge, Attitudes, Practice, & Outcome Study (KAPOS) has completed a CRADA and support agreement with USAMMDA and 60 Degrees Pharmaceuticals to conduct the phase 4 post-licensure safety study for tafenoquine, a new malaria chemoprophylaxis medication taken weekly. It is a major DOD priority.
- **Lt Col Matt Eberly** led a team of PMB and PED national faculty to teach the International Military Medical Humanitarian Assistance Training program to members of the Rwanda Defence Force (RDF), in support of the AFRICOM program to build RDF capability of a deployable, UN Peace-Keeping certified field hospital.
- PED faculty taught the Military Medical Humanitarian Assistance Course (MMHAC) on December 16 and 17 to transitional year interns from the National Capital Consortium as well as Navy Medical Corps general medical officers.

Pharmacology (PHA):

- On November 22, **Dr. Fereshteh Nugent**, Associate Professor, received USU’s Henry C. Wu Award for publication of the paper: “A role for corticotrophin releasing factor signaling in the lateral habenula and its modulation by early-life stress” (Sci Signal 11(520): 6 Mar 2018. doi:10.1126/scisignal.eaan6480). The Wu award is presented annually for recognition of excellence in basic science research.

Physical Medicine and Rehabilitation (PMR):

- The CRSR and PMR Department held its semiannual “State of the Science” symposium October 2 on 25 OCT. The topic was Metabolic Pathways and Therapeutics to Promote Resilience, Rehabilitation and Delayed Aging. MEM **Professor Patti Duester**, gave a well-received lecture entitled, “The Importance of Nutrition and Metabolic Research to Military Readiness and Resilience.”
- PMR received a \$30,000 donation from the Broussard Family Charitable Trust to support service member education and training. This will be managed through the Geneva Foundation (care of Dr. Isaacson) and will be used for conferences, symposiums, courses, etc. for residents, fellows, nurses, physicians, therapist, and other care givers that can benefit through additional training opportunities.
- The Wounded Warrior Service Dog Project just announced that the award will be open to applicants from April 2020-April April 2021. So far USU awarded grants to 108 nonprofit organizations in 27 states who specialize in training service dogs for those in need. This support resulted in matching over 500 service dogs with wounded warriors suffering from mobility, visual, auditory, or psychological/psychiatric disability.

Psychiatry (PSY):

- **COL David Benedek**, Professor & Chair, moderated the panel discussion: "Policy Leaders Driving Mental Health Legislation and its Impact on Health Professional Education " with Congressman Seth Moulton at the National Academies of Sciences Engineering and Medicine's workshop on "Educating Health Professionals to Address the Social Determinants of Mental Health." Congressman Moulton was a co-sponsor of the 2019 National Suicide Hotline Designation Act.
- **COL Gary Wynn** co-chaired a panel meeting of the NATO Research Task Group on Personalized Medicine in Mental Health and Performance. The meeting, which was held at King's College London, focused on personalized mental health for military service members and included speakers and panel members from the United States, United Kingdom, Ireland, The Netherlands, and Australia.
- **Dr. Stephen Cozza** participated in the 66th Annual Meeting of the American Academy of Child and Adolescent Psychiatry in Chicago, IL. He chaired the symposium entitled: “Promoting Well-Being in Children Facing Adversity: What Can US Military Children Teach Us?”
- **Dr. Mary Vance**’s publication in *Circulation: Cardiovascular Quality and Outcomes* and a related news release entitled: “Veterans with mental health conditions have higher risk of heart disease, stroke” generated 5,574,880 media impressions and 89,131 views on American Heart Association social media channels.
- **Dr. Stephen Cozza** participated in the Elizabeth Dole Foundation's roundtable on “Research Needs for Children Raised in Military Caregiving Households” in Washington, DC. He discussed the impact of caregiving on military and veteran children.

Surgery (SUR)

- **The Military Health System Strategic Partnership American College of Surgeons** (MHSSPACS), the partnership launched December 2014 between the American College of Surgeons (ACS) and the U.S. Department of Defense Military Health System (MHS) recently formalized a military track within the ACS Clinical Congress. The military program

is designed to improve educational opportunities, systems-based practices, and facilitate collaboration and the exchange of information between ACS and MHS to advance high-quality, cost-effective care for surgical patients.

Center for Deployment Psychology (CDP):

- **Dr. Jenny Phillips** presented a poster, Disseminating Evidence-Based Psychotherapies: A Comparison of Synchronous Online and In-Person Modalities at the 12th Annual Conference on the Science of Dissemination and Implementation in Health.
- **Dr. Bill Brim**, Director of CDP, was awarded the American Psychological Association's Society for Military Psychology Presidential Citation, which "recognizes the extraordinary efforts and accomplishments made by Division 19 members and others to the field of military psychology and/or to the Society in the areas of leadership, service, and advocacy."
- With support from the National Guard Bureau, CDP and Purdue University expanded the **Star Behavioral Health Providers (SBHP) Program** into the Midwest and North East regions with 12 participating states: ME, NH, MA, CT, MI, KY, VT, RI, NY, PA, OH & IN. The goal is to increase the number of trained providers in these states so more Army and Air National Guard Service members and their families have access to high quality, evidence-based behavioral health care.
- CDP recorded a 2-hr webinar, "**Navy Suicide Prevention Training for Providers.**" It will be used to train all BUMED providers, including civilians and contractors.

Consortium for Human and Military Performance (CHAMP):

- CHAMP created a field manual for chaplains based on discussions and input from individuals across Special Operations Forces community: senior operators, leadership, medical, chaplains, and religious programs support personnel. The manual provides current and best practices for military chaplaincy: moral injury, ethical leadership training, and interdisciplinary communication.
- CHAMP successfully completed its AFSOC/POTFF mental health program utilization study and provided recommendations to AFSOC and POTFF leadership.
- On 8-9 October 2019, CHAMP convened experts and professionals to talk about Exercise Collapse Associated with Sick Cell Trait (ECAST), how it affects our Military Service Members, and how to manage adverse events. Approximately 65 people attended, including the Deputy SG of the Army (and USU SoM alumna), MG Crosland.
- CHAMP is leading a new Warrior Heat Illness Collaborative in collaboration with working with FT Benning. It will serve as a resource to the DoD on heat-related events.
- CHAMP presented a report "Human Performance Optimization (HPO) /Total Force Fitness (TFF) Capability-Based Blueprint and Targeting System: A Commander's Tool to Optimize Warfighter Talents and Mission Readiness" in response to DoD JROCM 073-18. The report identified key areas of strengths and weaknesses, and opportunities for HPO at the unit level. It incorporates all elements of the TFF framework.

Center for Neuroscience and Regenerative Medicine (CNRM):

- **Dr. Dan Perl** and **Dr. David Brody** are participating in formulating recommendations for the Department of Defense Comprehensive Strategy and Action Plan for Warfighter Brain Health. This effort was mandated by the Deputy Secretary of Defense. The Executive Committee accepted the proposed strategy. The next step is to develop the action plan.

- **Ms. Staci Beers** and **Dr. Carl Dickens** from the FBI's Victims Services Division visited CSTS to discuss death notification training. The FBI's new facilitator's guide for death notification and possibilities for future collaboration with CSTS were discussed.

Defense and Veterans Center for Integrative Pain Management (DVCIPM):

- The DVCIPM is the sole DoD organization focused entirely on pain management and opioid safety. DVCIPM was either directly or indirectly responsible for all the MHS battlefield-related pain advancements accomplished during the last 19 years of military conflict.
- The Center also served as the Designated Action Office for development and staffing of Draft MHS Acupuncture DHA PI and update to MHS Pain & Opioid Safety DHA PI

Murtha Cancer Center Research Program (MCCRP):

- On 31 OCT, members of the APOLLO Team to a conference with the FDA to update them on advancements in proteogenomics and bioinformatics.
- On 15 NOV, the MCCRP held the Annual Lung Cancer Summit and Awareness Day. It featured presentations by lung cancer researchers and clinicians on surgical interventions in lung cancer, stereotactic body radiation therapy to control metastatic disease, advances in bronchoscopy, and the future of lung cancer treatment.
- On 12 NOV, **Dr. Craig Shriver** met with the Defense Innovation Board at Broad Institute to review the digitalization and use of the extensive specimen collection at Joint Pathology Center. These specimens, dating back to 1917, are extremely valuable to today's proteogenomic cancer research. The DIB is a federal entity advising Secretary of Defense on issues that focus on people, technology and operations.
- On 2-3 DEC, **Dr. Shriver** participated in the 14th joint meeting of the NCI Board of Scientific Advisors and **National Cancer Advisory Board** as the DoD's representative to this federal advisory board.
- On 12 DEC, with the support of the MCC/MCCRP, the **WRB Hematology Oncology Autologous Stem Cell Transplant Program Service achieved continuous accreditation by the Foundation for the Accreditation of Cellular Therapy (FACT)**. FACT accreditation is the benchmark for excellence in cellular therapy, and is recognized by Joint Commission.

Val Hemming Simulation Center (SIM):

- **Ms. Elizabeth Weissbrod honored at the 2019 Annual meeting of the Association of Medical Illustrators.** A surgical simulation research assistant at the Hemming simulation center, Ms. Weissbrod received two awards for her work: An "Award of Excellence" in the dimensional media category for her development and use of moulage temporary tattoos to help first-year USU medical students understand the anatomy underlying the organs they palpate in the physical examination course and the 2019 "Outstanding Service Award" for excellence as an artist and educator, and bringing honor to the profession.

<https://ami.org/about-ami/member-awards/other-awards>



Dr. Thomas, Dr. Ursano and Lt Gen Hogg at AMSUS Awards Dinner

The Center for Health Professions Education (C-HPE) exists to transform military health professionals into better leaders, better faculty members and better clinicians to strengthen support the warfighter. Force Generation and Force Sustainment are core to HPE's mission.

Force Generation:

- Educate current and future leaders to serve in critical positions ("educating the educators")
 - Workforce development for MHS health professionals who serve the warfighter.
- Enhance distance learning in the C-HPE and other certificate and degree programs at USU
 - Meet the education and training needs of the warfighter anytime, anywhere
 - No need for PCS or other interruption of current duty station roles and responsibilities
- Build a network of inter-professional leaders and scholars
 - Explicitly educate and train military health professionals from multiple fields, together
- Work with other strategic partners (VA, AAMC, UIC, Maastricht University) who are federal and international leaders in the field health professional education
 - Optimize the education and training for those who care for warfighters.

Force Sustainment:

- Engage in research, innovation and other scholarly efforts to improve education, build leadership capacity and potentially improve clinical practice.
 - JPC-1 clinical reasoning study seeks to understand clinical reasoning processes and outcomes in an effort to reduce diagnostic errors, which are a leading cause of death.
 - The Military Inter-professional Healthcare Teams Study seeks to optimize U.S. military healthcare by determining the factors that lead to successful military inter-professional healthcare teams who can provide outstanding battlefield care.
- Conduct ongoing program evaluation through the Long Term Career Outcome Study (LTCOS)
 - Resulting in cutting-edge scholarship, assisting with accreditation requirements, improve the quality of our education, and generate reports for stakeholders.
- Establish a remote HPE campus at San Antonio
 - Enhance the University's education and faculty development efforts.
- Promote recruitment/retention
 - C-HPE programs can help to keep best and brightest health professionals in uniform
- Enhance USU's national reputation as leaders, scholars, and innovators in education
- Build the Academy of Health Professions Educators
 - Help our MHS faculty grow in their leadership, education, and scholarship skills
 - Connect individuals across MTFs to act as a catalyst of scholarship and innovation

In sum, we seek to optimize warfighter performance by educating the health professional educators who train our current and future generations of health professionals who care for warfighters. We are enhancing the human domain of warfighter lethality: performance optimization (as a leader).

Examples of "deliverables" for the next year:

- Graduates (certificates, MHPE; PhD within 1-2 years) who will populate MTFs in key leadership positions (workforce development); Master's theses also include statements of how the work relates to military readiness
- Blended learning certificates, and degrees for broad range of health professionals at many stages of their career
- Faculty development education for USU's national faculty
- A self-contained "Getting Started in HPE" module that can be taken by a large number of learners (e.g., VA, GSN, PGDC, USU and HPSP medical students, military residents have expressed interest)
- Sustained grant funding in areas of faculty expertise that will strengthen our system
- Numerous high-quality publications in top tier journals
- Formal MOUs with the VA Office of Academic Affairs and other strategic partners of interest

USU SoM Class 2020 Match Results

(Current as of release of JSGMESB on 11 Dec19)

89% of USU's MS4 students matched to their first choice specialty

- USAF = 93% match to specialty
- USN = 93% match to specialty
- USA = 85% match to specialty (w/ 75% of those matched to 1st choice specialty also matched to 1st choice location)

Non-match specialties

- OBGYN (4), EM (2), Psych (2), Peds (2), ENT (2), Rads (2), Derm (1), Path (1), Gen Surg (1), PMR (1), Ophtho (1), Anesthesia (1)

15/172 (9%) of USU MS4 students will continue in the civilian match

- Up from 10 for class of 2019; 9 for class of 2018
- Specialties include: EM (2), Urology (1), Psych (2), Anesthesia (4), Gen Surgery (3), Neurosurgery (1), Fam Med 2 USPHS students not eligible for the military match
- Service breakdown: USA (3), USN (1), USAF (9), USPHS (2)

Specialty Distribution

Specialty	Total # students	Percent of class	National match
Emergency Medicine	19	11%	9%
Family Medicine*	19	11%	9%
Internal Medicine	19	11%	19%
Psychiatry +Med/Psych	15	9%	6%
General Surgery	11	6%	6%
Anesthesia	10	6%	5%
Radiology	10	6%	<1%
Orthopedics	7	4%	4%
Pediatrics	7	4%	10%
OB/GYN	5	3%	6%
Urology	4	2%	<1%
Otolaryngology	4	2%	1%
Neurosurgery	2	1%	1%
Ophthalmology	2	1%	<1%
Pathology	2	1%	1%
Dermatology	1	<1%	<1%
Neurology	1	<1%	2%
Physical Medicine	1	<1%	<1%
Transitional Year	27	16%	4%
PGY 1 Medicine	5	3%	8%
PGY 1 Surgery	1	<1%	2%

*Includes 2 PHS students applying to FM in civilian match only

**US civilian senior medical student match by specialty

Note: 12 of the 27 students purposefully selected TY internships for 3 reasons: 1) Early career goals in Flight or Dive Med, 2) Restrictions on specialty applications at PGY2 level only (e.g. Anesthesia, Ophthalmology & Occ Med in USN; Derm in USAF and USN), 3) Persistent specialty indecision. 15/27 TY selections due to non-match to specialty. The result of the Army Rebuttal Board & outcome of the Civilian match may modify the final percentages by specialty

TAB 20

Inouye Graduate School of Nursing Report

Board of Regents Brief

Submitted by: Carol A. Romano, PhD, RN, FAAN

Date: January 8, 2019

Title & School: Dean, Graduate School of Nursing

Phone: 301-295-9004

Purpose: Information

Action _____

Subject: Dean's Report – Graduate School of Nursing

Education

- There were 57 students selected to matriculate on May 1 from a pool of 112 applicants to the MSN and DNP programs for Class of 2023. Service representation includes 21 Army, 18 Air Force, 18 Navy.
- To enhance faculty development at remote sites, GSN developed a “*Precepting the APRN Student*” course for GSN preceptors, & launched this as an online, asynchronous course.
- GSN gained approval from the Council on Accreditation for Nurse Anesthesia programs (COA) to count student clinical experiences obtained onboard ship toward minimal requirements for graduation.
- Nurse Anesthesia students attended an interprofessional three day pain course at University of Pennsylvania as part of a GSN partnership with Penn faculty.
- Associate Dean of Academic Affairs presented “*Facts Associated with Student Attrition: Supporting Faculty in Navigating the Workload, Stress and Tension* “.at the AACN National Doctoral Conference
- GSN faculty participated in a faculty retreat to update Strategic Initiatives and participate in an American Association of Colleges of Nursing (AACN) national faculty meeting to address proposed re-envisioning curriculum and competency requirements for masters and doctoral education in nursing.
- MAJ Amanda Canada, a first year DNP student in the Psychiatric Mental Health Nurse Practitioner Program, received her PhD in Nursing from The University of Texas, Tyler (Hooding took place on 12 Dec 2019).



Uniformed Services University

USU

GRADUATE NURSING

Daniel K. Inouye Graduate School of Nursing

- Operational Readiness Courses held in November and December: Dive Medicine, Mountain Medicine and Cold Weather Medicine trained 104 students from SOM and GSN.
- American Samoa was the site for 1 GSN student and 3 SOM students for clinical rotations. Dr. Jill Schramm coordinates the placement for the students from both schools.

Leadership and Service

- Linda Wanzer, DNP, RN, CNOR, FAAN, Program Director/Chair of the Adult Gerontology Clinical Nurse Specialist program (perioperative focus), retired January 3, 2020 after 17 years of service to USU. The interim Program Director/Chair is Dr. Laura Taylor, PhD, RN, ANEF, FAAN.
- Patrick DeLeon, PhD, JD, was awarded the American Psychological Association's Society for Military Psychology Presidential Citation, which "recognizes the extraordinary efforts and accomplishments made by Division 19 members and others to the field of military psychology and/or to the Society in the areas of leadership, service, and advocacy."
- DeLeon, P.H. was asked by the National Academy of Medicine (NAM) to serve as coordinator for their forthcoming report "*Key Policy Challenges and Opportunities to Improve Care for People with Mental Illness and Substance Use Disorders: Proceeding of a Workshop.*"
- DeLeon, P.H. National Academies of Sciences, Engineering and Medicine. *Review Coordinator for Proceeding of a Workshop on Exploring Multigenerational Approaches to Prevention.* (in process, 2019).
- DeLeon, P.H. National Academies of Sciences, Engineering and Medicine. *Review Coordinator for Proceeding of a Workshop on Achieving Behavioral Health Equity for Children, Families, and Communities.* (2019).
- DeLeon, P.H. National Academies of Sciences, Engineering, and Medicine Health and Medicine Division (HMD) report coordinator for Workshop on Establishing Effective Patient Navigation Programs in Oncology. (2019).
- Dean. Romano invited as the December commencement speaker for the University of Maryland, "Nursing: The Future of Human Health"
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February 2020

Research and Scholarship

- CDR Kennett Radford won first place in the Phyllis J. Veronick presentation category at the TSNRP Dissemination Course, San Diego, CA;
- Mary Engler, PhD and Jesus Caban, PhD (NICOE/WRNMMC) are co-PIs on a \$750,000 grant from ASD(HA) titled “*Data-driven policy development: optimizing readiness and retention for service members with behavior health and traumatic brain injury diagnoses*”
- Danette Cruthirds, CRNA, PhD, Lara Varpio, PhD, Karlen Bader Larsen, BSc, CAPT Anthony Artino, PhD, Holly Meyer, PhD, Steven Durning, MD, PhD, & Meghan Hamwey, PhD. (2019, December) *Team Characteristics that Save Lives: Lessons Learned from Military Healthcare Teams*. Poster Presentation at the Sigma Theta Tau International Biennial Convention
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- Brown, K. S., Martinez, H., & DeLeon, P. H. (2019). *Rehabilitation psychologists in public service*. In L. A. Brenner, S. A. Reid-Arndt, T. R. Elliott, R. G. Frank, & B. Caplan (Eds.). *APA Handbook of Rehabilitation Psychology*, 3rd Edition (pp. 471-482). Washington, DC: American Psychological Association.
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- Hamlin, L., Staat, B., Spencer, T., Banaag, A., Luna, C. & Koehlmoos, T. (2019, May). *Racial and Ethnic Disparities in Birth Outcomes in a Universally Insured Population*. Research Poster Presentation at the 64th ACNM Annual Meeting & Exhibition, Oxon Hill, MD.
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GRADUATE NURSING

Daniel K. Inouye Graduate School of Nursing

- Pierce, P.F., & F. Kabo. *Social Network Analysis: A Methodology for the Exploration of Connections and Relationships in Two Military Contexts*. 2019 Advanced Methods Conference of the Council for the Advancement of Nursing Science, 23 October, 2019, Washington, DC.
- Polk, J. D. & DeLeon, P. H. (2019). *Interprofessional practice* (chapter 9). In J. A. Milstead & N. M. Short (Eds.). *Health Policy and Politics: A Nurse's Guide*, 6th Edition (pp. 151-169). Burlington, MA: Jones & Bartlett Learning.
- Rodriguez, J., Hooper, G. (2019). *Adenosine Triphosphate-Bioluminescence Technology as an Adjunct Tool to Validate Cleanliness of Surgical Instruments*. AORN Journal, 110(6), 596-604. <http://doi.org/10.1002/aorn.12864>
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- Seibert, D., *Health and Performance of American Military Women*. 2019 Taiwan International Military Medicine Seminar, Taipei, Taiwan (Invited).
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- Archer, H.R. (in press). *Deciding whether to breastfeed*. In A.H. & R.H. (Eds.). *Clinical Guidelines in Primary Care: A Reference and Review Book* (3rd ed.). Advanced Practice Education Associates: Scott, LA.
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GRADUATE NURSING

Daniel K. Inouye Graduate School of Nursing

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- Johnson, H.L. (in press). *Human Papillomavirus*. In A.H. & R.H. (Eds.). *Clinical Guidelines in Primary Care: A Reference and Review Book* (3rd ed.). Advanced Practice Education Associates: Scott, LA.
- Johnson, H.L. (in press). *Intellectual Disability*. In A.H. & R.H. (Eds.). *Clinical Guidelines in Primary Care: A Reference and Review Book* (3rd ed.). Advanced Practice Education Associates: Scott, LA.
- Owen, R (in press). *Restless Leg Syndrome*. In A.H. & R.H. (Eds.). *Clinical Guidelines in Primary Care: A Reference and Review Book* (3rd ed.). Advanced Practice Education Associates: Scott, LA.
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- Owen, R (in press). *Sleep Apnea*. In A.H. & R.H. (Eds.). *Clinical Guidelines in Primary Care: A Reference and Review Book* (3rd ed.). Advanced Practice Education Associates: Scott, LA.
- Romano, C. (2020 in press) *The Intersection of Technology and Health Care: Policy and Practice Implications*. In (Eds) Mason, D.J ; Perez, G.A; McLemore, M.R.; Dickson, E.L. Publisher: Elsevier Inc. Chapter 65.
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Faculty & Staff

- **Five Faculty Vacancies include:** Assistant/ Associate /Professor positions in nurse anesthesia (CRNA), Family Nurse Practitioner (FNP), Psychiatric-Mental Health Nurse Practitioner (PMHNP), Clinical Nurse Specialist (AGCNS) and PhD programs;
 - Search committee interviewing for PMHNP position.
- **Seven Staff Vacancies include:** Budget Analyst, Dean's Secretary, 3 program support specialists, management program analyst, education technician
 - Three positions temporarily filled with contractors for Education Technician and 2 program support specialist position while awaiting GS replacements. GSN working with CHR on advertising and processing.
- The Health Professions Education asynchronous online course is now available to all faculty and included as a requirement for all new faculty hires.

TAB 21

Postgraduate Dental College Report

Uniformed Services University of the Health Sciences Board of Regents

Board Brief

Submitted by: Thomas R. Schneid, DMD, MS Date: Jan 8, 2020

Title & Department: Executive Dean, Postgraduate Dental College (PDC) Phone: 210-299-8506

Purpose: Information X Action

Subject: PDC Dean's Report

Significant Issues:

1. A Substantive Change Request and a Teach-Out Plan for the closure of the Air Force Endodontics and AEGD-2 Comprehensive Dentistry residencies at Keesler Air Force Base have been submitted to the Middle States Commission on Higher Education (MSCHE) via the USU Assistant Vice President for Accreditation and Organizational Assessment. Final dispensation should come from MSCHE by the end of this month. No impact on the University's accreditation status is anticipated.
2. Leadership highlights:
 - Of the Army, Navy, and Air Force Dental Officers selected for promotion to the grade of O-6 in 2019, 27 of 51 (53%) were either PDC alumni or faculty. (See Attachment 1)
 - The PDC Executive Dean, the Naval Postgraduate Dental School (NPDS) Dean and the Air Force Postgraduate Dental School (AFPDS) Dean were featured in an article on "The Satisfaction of Service" in the Fall edition of the *Penn Dental Medicine Journal*. The article focused on post-dental school opportunities to serve as dentists in the U.S. Military. All 3 Deans are alumni of the University Of Pennsylvania School Of Dental Medicine.
 - COL Pete Guevara, Dean, Army Postgraduate Dental School (APDS), participated on a leadership panel with Deans of 3 civilian dental schools, at the American Dental Education Association Deans' Conference. The panel was a component of a seminar titled, "Agile Leadership in a VUCA World".
 - COL Pete Guevara, Dean, APDS, University of Pittsburgh School of Dental Medicine alumnus, was named the 2020 Distinguished Alumnus for Advanced Education.
3. Research Activities of Note:

Recent Publications/Presentations:

- Five Comprehensive Dentistry Residents, AFPDS, Joint Base San Antonio - Lackland, will present research abstracts at the International Association of Dental Research
- An Associate Professor of Oral and Maxillofacial Pathology, AFPDS, will present Oral Histology lectures as the University of Texas, Dallas and faculty development training at the West Virginia University Academic Day.
- Periodontics Residents and faculty from the APDS, Fort Gordon, published one manuscript and submitted another for publication in Clinical Advances in Periodontics.
- Two Prosthodontics Residents from the APDS, Fort Gordon, presented Posters at the annual American College of Prosthodontics Annual Meeting.
- An article on Digital Dentistry employed by the Air Force Postgraduate Dental School Endodontics Residency was posted in thepulse. The article focused on state-of-the-art technologies being employed for clinical care as well as serving as areas of research for USU MS degree studies.
- One Endodontic Resident and one faculty member from the NPDS, Bethesda, published a clinical update on Vital Pulp Therapy.
- A faculty member from the Orofacial Pain Residency, NPDS Bethesda, submitted a publication to the Journal of Oral & Facial Pain and Headache, in collaboration with faculty from the Rutgers School of Dental Medicine, the University of Kentucky College of Dentistry, and the Harvard School of Dental Medicine.
- A recent graduate of the Air Force Endodontic Residency who is also a USU MS degree recipient, along with his faculty research mentor, had his research manuscript published in the January/February edition of General Dentistry.

4. Student and Faculty Activities:

- The first section of the online faculty development course entitled “Dental Faculty Development (DFD) I - Introduction to Graduate Teaching” was completed on 16 Dec 2019 with 20 faculty participants. This course provides faculty with an introduction to the teaching and developmental resources available to them as USU faculty and includes coursework in adult learning theory, curriculum design, assessment/feedback and dental graduate program “best practices”. Section 2 will begin on 13 Jan 2020 and include eLearning modules covering Ethics & Professionalism, Learning Climate, Copyright & Fair Use, and “Best Practices” for Exceptional Teaching, and Academic Career Planning.
- In collaboration between the Director, Faculty Development, San Antonio Uniformed Services Health Education Consortium and the PDC Associate Dean for Faculty Affairs, an interdisciplinary version of the Stanford Clinical Instruction Course has been developed for medical and dental faculty development. A USU School of Medicine faculty is serving as a consultant for curriculum content. Topics that will be addressed include: Learning

Climate/Control of Session, Communication of Goals, Promotion of Understanding/Retention, Evaluation/Feedback, and Self-Directed Learning. This first course offering, scheduled for March-April 2020, will be limited to medical and dental faculty in the San Antonio area. Feasibility for wider dissemination will be reviewed upon completion.

- The PDC Associate Dean for Faculty Affairs has been appointed to the Research Study Committee for the Midwest Angle Orthodontic Society and as a Writer Section Editor for the American Board of Orthodontics.

5. The 2020 Federal Services Dental Educator Workshop will be held from April 14-16 at USU. The Air Force is the host Service. The focus of the meeting will be faculty development as well as collaboration and considerations for integration/resource sharing.
6. CAPT Marc Stokes will succeed CAPT Sean Meehan as the next Dean of the Naval Postgraduate Dental School (NPDS). CAPT Stokes has served as the Associate Dean, NPDS since 2016 and Professor, Oral and Maxillofacial Pathology since 2018.

Current & Future Concerns:

Funding/Budget Estimate/Fiscal Impact:

Staffing Impact:

Board Action Requested: None

2019 Dental Corps Promotions – PDC Affiliation**Promotion to O-4**

Service	Total Service Dentists Selected	Current PDC Students	Graduated PDC Students	PDC Faculty	Graduated Student and also Faculty	Total PDC Affiliated Dentists Selected	% PDC Affiliated Selected
Army	93	10	22	1	2	35	38%
Navy	61	7	3			10	16%
AF	52	3	5	1	2	11	21%
Total	206	20	30	2	4	56	27%

Promotion to O-5

Service	Total Service Dentists Selected	Current PDC Students	Graduated PDC Students	PDC Faculty	Graduated Student and Faculty	Total PDC Affiliated Dentists Selected	% PDC Affiliated Selected
Army	28	2	8	1		11	39%
Navy	37	2	7		3	12	32%
AF	31	2	5	4	4	15	48%
Total	96	6	20	5	7	38	40%

Promotion to O-6

Service	Total Service Dentists Selected	Current PDC Students	Graduated PDC Students	PDC Faculty	Graduated Student and Faculty	Total PDC Affiliated Dentists Selected	% PDC Affiliated Selected
Army	15		2	7		9	60%
Navy	18		6	1	1	8	44%
AF	18		2	8		10	56%
Total	51		10	16	1	27	53%

Cumulative 2019 Promotions (Regardless of Rank)

Service	Total Service Dentists Selected	Current PDC Students	Graduated PDC Students	PDC Faculty	Graduated Student and Faculty	Total PDC Affiliated Dentists Selected	% PDC Affiliated Selected
Total	353	26	60	23	12	121	34%

TAB 22

*College of Allied Health Sciences
Report*

**Uniformed Services University of the Health Sciences
Board of Regents**

Board Brief

Submitted by: Lula W. Pelayo, Ph.D. RN, FAAN Date: February 4th, 2020

Title & Department: Acting Dean, College of Allied Health Sciences Phone: 210-299-8522

Purpose: Information X Action X

Subject: CAHS Brief

Significant Issues:

Information:

Education & Training:

Total enrollment stabilized at roughly an average daily census of 750 – 800 with calendar year throughput of roughly 1500 students as follows:

- Education and Training Administration and Leadership (A, N, AF)
- Preventive Medicine Technician (A, N)
- Nuclear Medicine Technician (A, N, AF)
- Medical Laboratory Technician (A, N)
- Histology Technician (AF, N)
- Urology Technician (AF, N)
- Neurology Technician (AF, N)
- Nutrition Science (A, AF)
- Cytology Technician (A)
- Occupational Therapy Technician (A, N)
- Radiologic Technician (A, N, AF)
- Critical Care Air Transport (AF)
- Health Physics (A)
- Paramedic (A)
- Independent Duty Corpsman (N)

Total faculty appointment has eclipsed 262

- 4 Professors (< 1.5% of faculty)
- 1 Associate Professor
- 2057 Assistant Professors and below

Total degrees awarded/recommended is 117

- 71 Army; 43 Navy; 1 Air Force
- 84 ASHS and 34 BSHS degrees

Research & Scholarship:

CAHS continues to be invited frequently by industry leading entities and individuals for presentation and discussion of our innovative educational administration model. Conference & Presentations this period included the following:

- 21 Nov Army Paramedic Advisory Board
- 25 Nov National Healthcareer Association Meeting on Credentialing
- 17 Dec Medial Airmen Degree Work Group (MAD-WG) with CAHS, AETC, CCAF and Air University
- 9 Jan Medical Education & Training Campus Board of Directors (MBoD)

Other areas of Service Support interest in various stages of exploration are:

METC Phase II (DHA)
CHAMP Warrior Nutrition (USU)
Special Forces Medic and Corpsman (JSOMTC)
Army Licensed Vocational Nurse (MEDCoE)
Veterinary Technician (MEDCoE)
Veterinary Food Inspection Specialist (MEDCoE)

Action:

In accordance with USU PPM 008-2019, Establishment of New Academic Programs, and as detailed in the supplemental information of this report, three new programs are proposed for implementation at the next available iteration. These are:

1. USAF Cardiopulmonary Laboratory Apprentice – ASHS degree
2. Navy Cardiovascular Technician – ASHS degree
3. Army / Navy Respiratory Technician – ASHS Degree

a) Cardiopulmonary Laboratory Apprentice – This METC degree conferral upon completion of military training program is accredited thru the Commission on Accreditation for Respiratory Care (CoARC), and currently executed (via expiring contract) with the University of the Incarnate Word. Airmen are recruited with necessary General Education required to complete the associated degree plan. This course is proposed at 61 semester hours.

It is requested that the BoR concur with the recommendation to implement the Air Force Cardiopulmonary Laboratory Apprentice program at the next available iteration, which is projected to be in July of 2020.

b) Cardiovascular Technician – This METC program is accredited thru the Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)). Sailors must have previously attended the Navy's Hospital Corpsman Basic (HCB) program and have 2-4 years minimum experience before applying to attend his program. Currently, there is not a degree conferral upon completion requirement. This course is proposed at 61 semester hours.

It is requested that the BoR concur with the recommendation to implement the Navy Cardiovascular Technician program at the next available iteration, which is projected to be in July of 2020.

c) Respiratory Technician – This METC degree conferral upon completion of military training program is accredited thru the Commission on Accreditation for Respiratory Care (CoARC), and currently executed (via expiring contract) with the University of the Incarnate Word. Soldiers and Sailors are recruited with necessary General Education required to complete the associated degree plan. This course is proposed at 51 hours for Army and 46 semester hours for Navy, with the delta attributed to Army having service unique training, which increases the course length.

It is requested that the BoR concur with the recommendation to implement the Army / Navy Respiratory Therapy program at the next available iteration, which is projected to be in June of 2020.

Current & Future Concerns: No significant concerns at the time of submission.

Funding/Budget Estimate/Fiscal Impact: DHA is funding these three programs.

Staffing Impact: No significant concerns at the time of submission.

Board Action Requested: Action a); b); and c).

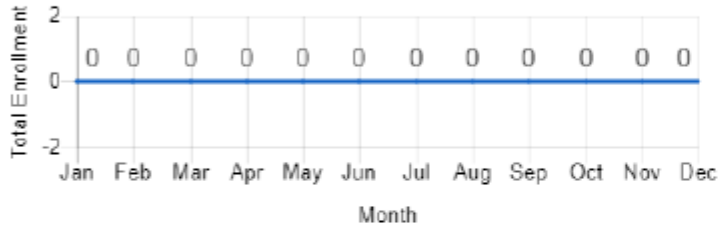
CAHS Undergraduate Enrollment

Current Student Census: 754

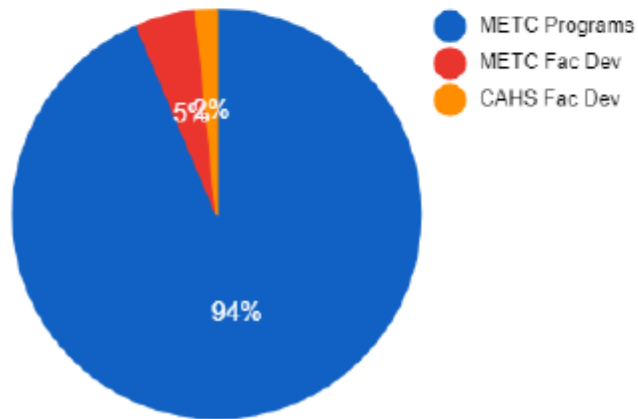
Estimated Voluntary Education Value

\$4,524,000.00

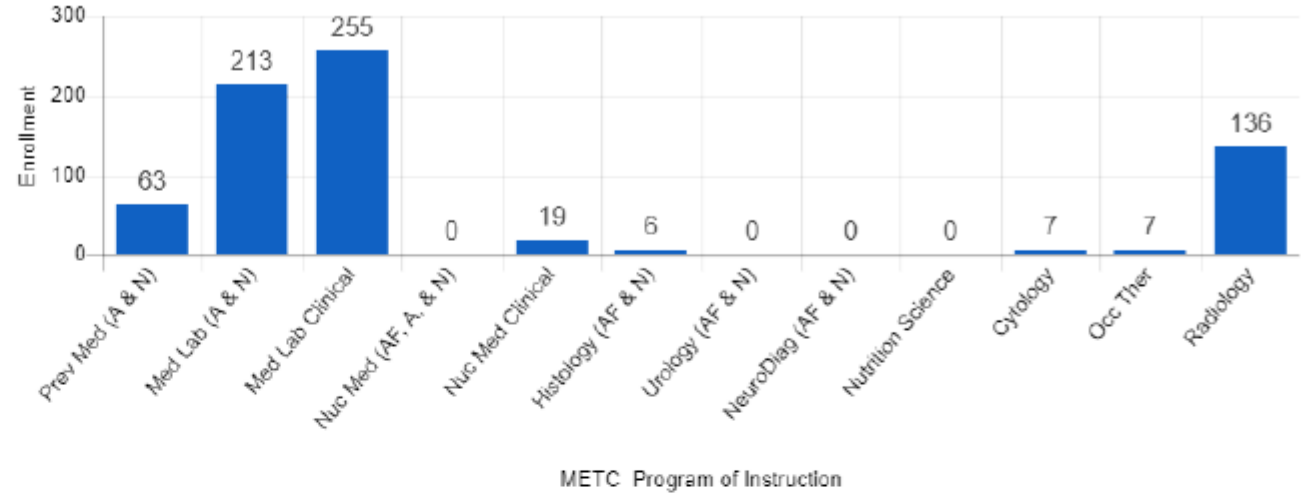
Total Enrollment Calendar Year 2020



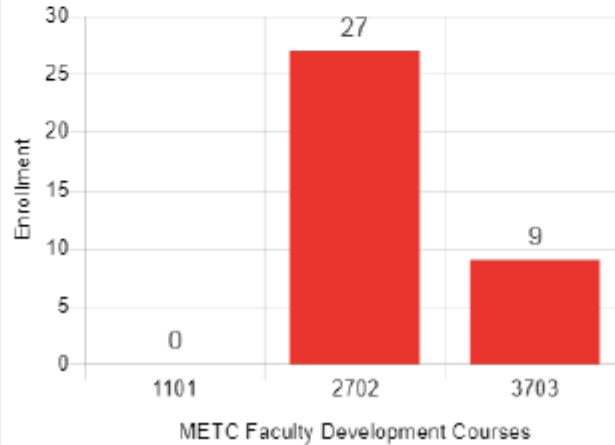
Enrollment by Location



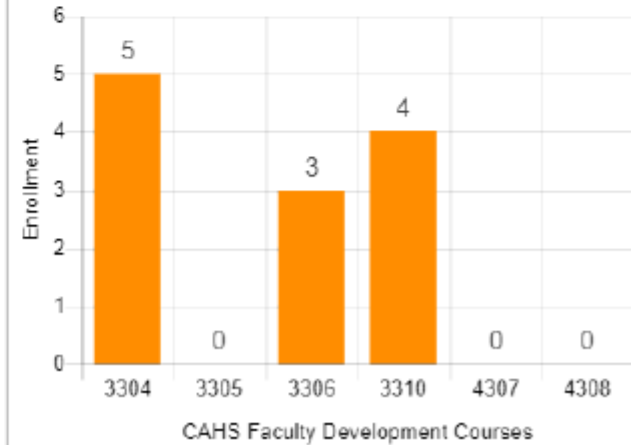
METC Student Enrollment



METC Faculty Development Enrollment



CAHS Faculty Development Enrollment



As of 3 January 2020

Train the World's Finest Medics, Corpsmen, and Technicians

USU / CAHS Update

Mr. Dennis Kilian
Associate Dean, Undergraduate Studies

Train for the Mission.....Educate for a Lifetime!

USU / CAHS Status Update

Train the World's Finest Medics, Corpsmen, and Technicians

- ETAL (Education, Training Administration, and Leadership) is a Faculty Development Program for new instructors
 - Produces Associate degrees in Health Science (ASHS)
- Ten Initial Entry Training / Advanced Individual Training programs
 - 117 ASHS / BSHS graduates, to date.
- USU BoR scheduled to be briefed on Cardiopulmonary, Cardiovascular, and Respiratory Therapy on 4 Feb 20

CAHS Status Update

Train the World's Finest Medics, Corpsmen, and Technicians

Program	Implementation Date	Student Load	Army	Navy	Air Force
FY 17					
ETAL	17-Apr-17	60	35	20	5
FY 18					
Nuc Med Tech	11-Jul-18	22	8	4	10
Med Lab Tech	27-Jul-18	650	443	207	0
Neurodiagnostic Tech	27-Mar-19	10	0	5	5
Incremental New Student Load for FY 18		682			
FY 19					
Prev Med	13-Mar-18	233	147	86	0
Histotechnician	4-Mar-19	13	0	6	7
Urology Tech	20-Mar-19	19	0	12	7
Nutrition Care	28-May-19	144	113	0	31
Cytotechnologist	31-Jul-19	7	7	0	0
Occupational Therapy	5-Aug-19	39	35	4	0
Radiology Tech	26-Aug-19	423	229	90	104
Incremental New Student Load for FY 19		878			

Train for the Mission.....Educate for a Lifetime!

Proposed New Academic Programs

Train the World's Finest Medics, Corpsmen, and Technicians

Program	Proposed BoR Date	Student Load	Army	Navy	Air Force
FY 20					
Respiratory Therapist	4-Feb-20	119	90	29	0
Cardiopulmonary Laboratory Apprentice	4-Feb-20	57	0	0	57
Cardiovascular Technician	4-Feb-20	40	20	20	0
Dental Laboratory	15-May-20	90	21	28	41
Dental Assistant	15-May-20	288	0	0	288
Ophthalmic Technician	15-May-20	92	45	0	47
Med Lab Assistant	4-Aug-20	157	0	0	157
Pharmacy Technician	4-Aug-20	346	142	96	108
Incremental New Student Load for FY 20		843			
FY 21					
Surgical Technologist	3 Nov 20	510	259	165	86
Incremental New Student Load for FY 21		510			

Train for the Mission.....Educate for a Lifetime!

Purpose: To update the USU President on the Air Force
Cardiopulmonary Laboratory Apprentice (CLA) Program.

Bottom Line:

- CAHS is preparing to implement the USAF CLA program, IAW the approved METC transition plan.
- The CLA program is critical to the USAF meeting aerospace medical evacuation and readiness capability.
- USU/CAHS academic sharing model preserves programmatic accreditation with the Commission on Accreditation for Respiratory Care (CoARC).
- This program is currently with University of the Incarnate Word, with an expiring contract. It is assessed at 61 sem hrs.
- This is an advanced practice skill set with recruitment of General Education requirements occurring before the student arrives.
- Accreditation standards require degree conference upon completion of program.

Way Ahead: CAHS continues phasing in Sec 724 of the 2017 NDAA, awarding undergraduate credit to enlisted programs.

Student Population:

Air Force students must have completed from a regionally accredited college or university English Composition I & II (6 sem hrs); Mathematics (3 sem hrs); Social Science (3 sem hrs); and Humanities (3 sem hrs). These 15 sem hrs coupled with the CLA coursework results in degree conferral upon completion of this AFSC producing course.

Resources:

This program is fully resourced by the DHA & the METC.

Value Proposition:

FY 20 Projected Student load is 78 students
CLA fracked curriculum is 61 semester hours/student
Vol Ed value / sem hour is \$250 / sem hr
 $78 \times 61 = 4,758$ sem hours
 $4,578 \text{ sem hrs} \times \$250 / \text{sem hr} = \$1.19\text{M}$ in Vol Ed (USD P&R) value provided at minimal cost.

Accreditation & Credentialing:

This program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

The Registered Cardiovascular Invasive Specialist (RCIS) & Registered Cardiac Sonographer (RCS) Credentialing comes via the Cardiovascular Credentialing International (CCI).

POC:

Mr. Dennis Kilian /ADUS/ CAHS (210) 299-8526



**DEFENSE HEALTH AGENCY
MEDICAL EDUCATION AND TRAINING CAMPUS
3176 CPL JOHNSON ROAD
JBSA-FORT SAM HOUSTON, TEXAS 78234-1247**

**Dean, Academic
Affairs**

September 16, 2019

**MEMORANDUM FOR DEAN, UNIFORMED SERVICES UNIVERSITY COLLEGE OF
ALLIED HEALTH SCIENCES, JBSA-FORT SAM HOUSTON,
TEXAS 78234**

SUBJECT: Request for Degree Plan Evaluation of Cardiopulmonary Laboratory Apprentice Program

In order to continue the progress and success of the partnership between Medical Education and Training Campus (METC) and the Uniformed Services University College of Allied Health Sciences (USUCAHS), the Dean of Academic Affairs request the Cardiopulmonary Program (Air Force) be evaluated for inclusion in the USUCAHS catalog.

The Cardiopulmonary Program trains Air Force Laboratory Apprentice's on fundamentals of and clinical medicine, neonatology and pediatric care, cardiovascular and respiratory anatomy and physiology, chemistry, pharmacology, microbiology, physiologic measurements, cardiopulmonary diseases processes, principles of EKG/ ECG and arrhythmia interpretations, PFT measurements and interpretations, and nitric oxide, mechanical ventilation and home health care delivery systems.

Graduates of the Cardiopulmonary Laboratory Apprentice program are required to take and pass the National Board for Respiratory Care. Students also take the Certified Cardiographic Technician (CCT) exam through Cardiovascular Credentialing International.

Point of contact for this request is CMSgt Erlinda Schommer at (210) 808-1250 or email erlinda.v.schommer.mil@mail.mil.

**ANDREW L. REIMUND
Col, USAF, NC-BC, SFN
Associate Dean, Academic Support**

Cardiopulmonary Laboratory Apprentice (CLA) Program

Projected starts: 5 programed for FY 20

Projected students per start: 78 USAF for FY 2

Services: USAF

Program length: USAF Phase I is 17 weeks 3 days, followed by a 18 week, 3 day Phase II.


FY 2020

Class Schedule										
FY: 2020		School: 083	Course: L5AQJ4H031 01AA			Phase:		Course Length: 17 Weeks 3.0 Days		
Course Title: CARDIOPULMONARY LABORATORY APPRENTICE (CLA)										
Class Maximum: 15		Class Optimum: 15		Class Minimum: 2						
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
005	View	15 Oct 2019	15 Oct 2019	04 Mar 2020	14	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
010	View	10 Feb 2020	10 Feb 2020	12 Jun 2020	16	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
015	View	16 Mar 2020	16 Mar 2020	17 Jul 2020	16	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
020	View	06 Jul 2020	06 Jul 2020	06 Nov 2020	16	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
025	View	03 Aug 2020	03 Aug 2020	08 Dec 2020	16	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
Classes that have been nonconducted or cancelled or rescheduled have been excluded										

Phase I Location: SATX

Phase II Location(s): CONUS based USAF Hospitals

Admissions requirements:

Course Scope And Special Information
 Currently Effective 2018-04-14
Course Scope: Course Description: This is a Community College of the Air Force degree applicable course. The cardiopulmonary laboratory apprentice program is designed to prepare the student for entry-level positions as a cardiopulmonary technician and to meet the recognized competencies for certified respiratory therapists. Students are trained to provide care for patients with cardiopulmonary diseases. Students are introduced to duties and responsibilities of the cardiopulmonary technician, fundamentals of respiratory patient care and clinical medicine, neonatology and pediatric care, cardiovascular and respiratory anatomy and physiology, chemistry, pharmacology, microbiology, physiologic measurements, cardiopulmonary diseases processes, principles of EKG/ECG and arrhythmia interpretations, PFT measurements and interpretations, and nitric oxide, mechanical ventilation and home health care delivery systems. Phase I, conducted at METC, is academic (didactic) classroom training at METC. Phase II is the clinical training conducted at various medical treatment facilities that provides students with realistic hands-on experience. Phase II must be completed before beginning on the job training (OJT) at the permanent duty location. The Expeditionary Medical Readiness Course (EMRC) course will go for 16 hours (2 days) of classroom/laboratory time.
Special Information: Reporting Instructions: TWO WEEKS PRIOR to class start: You will be required to establish an AKO account before you can attend classes at METC. To establish your account, from a government computer, login to http://www.metc.mil , select "Newcomers", "I am an Airman". YOU MUST COMPLETE ALL required actions. For updates and additional instructions refer to Education & Training Course Announcements at https://etca.randolph.af.mil

Degree level: undergraduate (ASHS)

Degree requirements: ASHS Conferral upon completion of program.

External credentials: Cardiovascular Credentialing International sponsors:
Registered Cardiovascular Invasive Specialist (RCIS)
Registered Cardiac Sonographer (RCS)

Accreditation: Commission on Accreditation for Respiratory Care (CoARC)

Curriculum Planning Document

Title: Cardiopulmonary Laboratory Apprentice

Scope:	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Undergrad	<input type="checkbox"/> Grad	<input type="checkbox"/> Modify	<input type="checkbox"/> Undergrad	<input type="checkbox"/> Grad
		<input checked="" type="checkbox"/> Degree			<input checked="" type="checkbox"/> Degree	
		<input checked="" type="checkbox"/> Major (15 – 30 sem hr)			<input checked="" type="checkbox"/> Major (15 – 30 sem hr)	
		<input type="checkbox"/> Minor (12 – 15 sem hr)			<input type="checkbox"/> Minor (12 – 15 sem hr)	
		<input type="checkbox"/> Course(s)			<input type="checkbox"/> Course(s)	

Magnitude: Total Courses 20 Total Semester Hours 61

Description: Cardiopulmonary Laboratory Apprentice are allied healthcare professionals who use equipment to help physicians diagnose and treat diseases and illnesses related to the heart and lungs. The Cardiopulmonary Laboratory Apprentice program is an introduction to the delivery of respiratory care and cardiovascular technology. This program is designed to prepare the student for entry-level positions as a cardiopulmonary laboratory apprentice. Resident training is first conducted at the METC and then the student transitions to clinical training that is conducted at military and/or civilian medical treatment facilities (MTF).

Design: *Select all the following that apply to this curriculum proposal:*

Didactic	Laboratory	Clinical/Internship
<input type="checkbox"/> Traditional 2 hrs out:1 hr in Factor = 14	X Traditional Some preparation required Factor = 28	<input type="checkbox"/> Traditional No preparation required Factor = 45*
X Modified 1hr out:1 hr in Factor = 28	<input type="checkbox"/> Modified No preparation required Factor = 42	X Modified Some preparation required Factor = 30
<input type="checkbox"/> Highly Modified No preparation required Factor = 42	<input type="checkbox"/> Simulated Factor = 28 with some prep = 42 with no prep	<input type="checkbox"/> Simulated Factor = 45* with no prep Factor = 30 with some prep
x Blended / On-line Alternative Instructional Equivalents must be identified Factor = 15		

**In some circumstances, the federal definition of a credit hour allows a factor of 30 for clinical courses that require a minimum number of clock hours of student participation.*

Prefix #	Title	Design	Factor
RSPT 1201	Respiratory Care	Mod Didactic	28
RSPT 1202	Anatomy and Physiology	Mod Didactic	28
RSPT 1307	Cardiopulmonary Anatomy and Physiology	Mod Didactic	28
RSPT 2310	Cardiopulmonary Disease	Mod Didactic	28
RSPT 2141	Advanced Respiratory Care Pharmacology	Mod Didactic	28
RSPT 2158	Respiratory Care Patient Assessment	Mod Didactic	28
DSAE 1240	Diagnostic Electrocardiography	Mod Didactic	28
RSPT 2405	Pulmonary Diagnostics w/ Lab	Mod Didactic / Lab	28
RSPT 1123	Respiratory Therapeutics II	Mod Didactic / Lab	28
RSPT 1311	Respiratory Care Procedures II	Mod Didactic / Lab	28
RSPT 1109	CPR for Healthcare Providers	Blended/ Lab	15
RSPT 2139	Advanced Cardiac Life Support	Blended / Lab	15
RSPT 2153	Basic Neonatal / Pediatric Cardiopulmonary Care	Mod Didactic / Lab	28
RSPT 2131	Simulations in Respiratory Care	Mod Didactic / Lab	28
RSPT 2666	Clinical Practicum I	Mod Clinical	30
RSPT 3966	Clinical Practicum II	Mod Clinical	30

RSPT 3967	Clinical Practicum III	Mod Clinical	30
RSPT 2366	Clinical Practicum IV	Modi Clinical	30
RSPT 3566	Clinical Practicum V	Mod Clinical	30
RSPT 3567	Clinical Practicum VI	Mod Clinical	30
<u>RSPT</u>			

Feasibility Analysis (Cardiopulmonary)

Student Projection

Projected Iterations per year: 6

Projected Students per Iteration: 17

Faculty Projection

Ratios: Didactic: max of 20:1 Laboratory: max of 6:1⁺ Clinical/Internship: max of 6:1⁺
**Programmatic accreditation requirements supersede the established CAHS required student-faculty ratios*

Faculty:	<u>2</u>	<u> </u>	<u>3</u>	<u>5</u>
	Didactic	Laboratory	Clinical/Internship	Total

Explain: Instructors for this program are resourced thru the Air Force Utilization and Training Workshop and Course Resource Estimate, adjusted regularly, supporting Service manning requirements. As Service requirements change, so do available on-hand instructors and associated teaching facilities. Program currently has 5 instructor authorizations.

Facility Projection

Total Facility Requirement:	<u>2</u>	<u>1</u>	<u>12</u>
	Didactic Classroom(s)	Laboratory Facility(s)	Clinical/Internship Facility(s)
		MOU: <u>No</u>	MOU: <u>Yes</u>

Explain: Didactic & laboratory facilities for this program were constituted via BRAC 2005, implemented in 2010. These resources are budgeted via the Defense Health Agency's Medical Education & Training Campus, Fort Sam Houston, TX. Clinical sites are funded via the DHP budget at clinic sites, worldwide.

Funding Projection

Funding: ☐ CAHS/USU x Other METC/Services

Adequate: x Yes ☐ No

Explain: This is a DHA / J-7 BAG 6 funded program. USU J-8 coordinated with DHA J-8 for resourcing.

Feasible:	Student	Faculty	Facility	Funds
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I have reviewed the Curriculum Planning Document and the Feasibility Analysis and find this proposal to be:

☒ Acceptable pending approval of coursework by the CAHS Curriculum Committee.

☐ Unacceptable as reported.

 12-23-19
Signature Date

Curriculum Proposal

The following CAHS personnel met in quorum as a committee on 23 December 2019 to discuss and vote on the proposed and attached CAHS curriculum:

Title: Cardiopulmonary Laboratory Apprentice

Proposed Curriculum Sponsor: Mr Mike Ward

Committee Membership

Program Sponsor: Mike Ward	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Bazzilio Perez, SSG, USA	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Oscar Lopez-Martinez	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Richard Villarreal, COL, SP	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Greg Naworol	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Aldrin Augustus, CPO, USN	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Suzan Bowman, PhD	X Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Chair: Dennis Kilian	D Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain

Dean A. W. P. [Signature] 12-23-19
Signature Date

☒ Approve ☐ Remediate ☐ Reject

Comments: This program is accredited thru the Committee on Accreditation on Reparatory Care (CoARC), and under contract with the University of the Incarnate Word for an ASHS.

USU Registrar: _____
Signature

Date

DEGREE PLAN & COMPLETION PATHWAY

Degree: Associate of Science in Health Sciences (ASHS)

Major: Respiratory Therapy (CLA - USAF)

The ASHS degree requires at least 60 semester hours with:

- GPA of at least 2.0 and a grade of C or better in all courses
- Residence of at least 25% of the degree plan
- General Education of at least 30 semester hours
- Major Technical Field of Study of at least 15 semester hours
- General Electives (if needed to achieve 60 semester hours)

Prerequisite:

- Student must have transferable college credit in English, Oral Communications, Algebra, Humanities, and Social Science

General Education Requirements (30)			Hours	Major Requirements (30)			Hours
Communication (6 min)				Major Technical Field of Study (58)			
Oral	Transfer Coursework		3	RSPT 1201*	Respiratory Care		2
Written	Transfer Coursework		3	RSPT 2310*	Cardiopulmonary Disease		3
Quantitative Science (9 min)				DSAE 1240*	Diagnostic Electrocardiography		2
Math	Transfer Coursework		3	RSPT 2405*	Pulmonary Diagnostics w/ Lab		3
RSPT 1202*	Anatomy and Physiology		2	RSPT 2139*	Advanced Cardiac Life Support		1
RSPT 1307*	Cardiopulmonary Anatomy & Physiology		3	RSPT 2152*	Basic Neonatal / Pediatric Cardiopulmonary Care		1
RSPT 2141*	Advanced Respiratory Care Pharmacology		1	RSPT 2131*	Simulations in Respiratory Care		1
RSPT 1123*	Respiratory Therapeutics II		1	RSPT 2666*	Clinical Practicum I		6
RSPT 1311*	Respiratory Care Procedures II		3	RSPT 2966*	Clinical Practicum II		9
RSPT 1109*	CPR for Healthcare Providers		1	RSPT 3967*	Clinical Practicum III		9
Human Science (6 min)				RSPT 2366*	Clinical Practicum IV		3
Humanity	Transfer Coursework		3	RSPT 3966*	Clinical Practicum V		9
Social Sci 1	Transfer Coursework		3	RSPT 3967*	Clinical Practicum VI		9
General Education							
Gen Ed1	Transfer Coursework		4				
General Education Requirements Total (min 30)			30	Major Requirements Total (min 30)			30

*These courses are courses delivered in the CPL program, @ METC.

Degree Completion Plan:

Requirement	Recommended Coursework	Hours Needed**	Pathway
Oral Comm	Public Speaking	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Written Comm	Composition I	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Math	College Algebra	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Humanity	Ethics, Philosophy, Fine Art, Religion	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Social Science 1	Social Sci., Military Sci., Sociology, etc.	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Gen Education 1	Physical Education/Wellness	4	Transfer (CCAF PHE 1000)

Equivalent coursework will also be considered. This includes CLEP, DANTES, College Board, and other mechanisms. **One class minimum

To receive the ASHS Respiratory Therapy (Cardiopulmonary Laboratory Apprenticeship) diploma, the student must:

- 1) Complete all coursework above and send official transcript(s) to CAHS.
- 2) Submit CAHS request for graduation.

Purpose: To update the USU President on the Navy
Cardiovascular Technician (CVT) Program.

Bottom Line:

- CAHS is preparing to implement the Navy CVT program IAW the approved METC transition plan.
- USU/CAHS academic sharing model preserves programmatic accreditation with the Commission on Accreditation of Allied Health Education Programs' (CAAHEPs') Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT).
- This program is currently with University of the Incarnate Word, with an expiring contract. It is assessed at 61 sem hrs.

Way Ahead: CAHS continues phasing in Sec 724 of the 2017 NDAA, awarding undergraduate credit to enlisted programs.

Student Population:

This is a "C" school for Navy students; they already have completed Hospital Corpsman Basic (HCB), normally been with the Fleet or Marines for 2-4 years and are returning for advanced practice. Beyond HCB, there are no current prerequisites or degree conferral requirements.

Resources:

This program is fully resourced by the DHA & the METC.

Value Proposition:

FY 20 Projected Student load is 20 students

CLA fracked curriculum is 61 semester hours/student

Vol Ed value / sem hour is \$250 / sem hr

$20 \times 61 = 1,220$ sem hours

$1,220 \text{ sem hrs} \times \$250 / \text{sem hr} = \$305,000$ in Vol Ed (USD

P&R) value provided at minimal cost.

Accreditation & Credentialing:

This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and its' subcommittee, the Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)).

The Registered Cardiovascular Invasive Specialist (RCIS) & Registered Cardiac Sonographer (RCS) Credentialing comes via the Cardiovascular Credentialing International (CCI).

POC:

Mr. Dennis Kilian /ADUS/ CAHS (210) 299-8526



**DEFENSE HEALTH AGENCY
MEDICAL EDUCATION AND TRAINING CAMPUS
3176 CPL JOHNSON ROAD
JBSA-FORT SAM HOUSTON, TEXAS 78234-1247**

**Dean, Academic
Affairs**

September 16, 2019

**MEMORANDUM FOR DEAN, UNIFORMED SERVICES UNIVERSITY COLLEGE OF
ALLIED HEALTH SCIENCES, JBSA-FORT SAM HOUSTON,
TEXAS 78234**

SUBJECT: Request for Degree Plan Evaluation of Cardiovascular Technician and Specialist Program

In order to continue the progress and success of the partnership between Medical Education and Training Campus (METC) and the Uniformed Services University College of Allied Health Sciences (USUCAHS), the Dean of Academic Affairs request the Cardiovascular Program (Army, Navy) be evaluated for inclusion in the USUCAHS catalog.

The Cardiovascular Program provides simulated and live training in all aspects of cardiovascular medicine to include invasive cardiology (cardiac catheterization, electrophysiology), non-invasive cardiology (echocardiography, electrocardiography), and critical care treatment and transportation. Subjects include anatomy and physiology, chemistry, physics, pharmacology, electrocardiography, echocardiography, radiography, and cardiac catheterization techniques.

The Cardiovascular Technician program is accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendations of the Joint Review Committee on Education in Cardiovascular Technology. Graduates of the Cardiovascular Technician program are eligible to apply for the Registered Cardiovascular Invasive Specialist (RCIS) and Registered Cardiac Sonographer (RCS) credentials through Cardiovascular Credentialing International.

Point of contact for this request is CMSgt Erlinda Schommer at (210) 808-1250 or email erlinda.v.schommer.mil@mail.mil.

**ANDREW L. REIMUND
Col, USAF, NC-BC, SFN
Associate Dean, Academic Support**

Cardiovascular Technician (CVT) Program

Projected starts: 2 programed for FY 20

Projected students per start: 20 Navy for FY 20

Services: Navy

Program length: Phase I is 20 weeks, followed by a Phase II 34 weeks.

FY 2020

Class Schedule										
FY: 2020		School: 083		Course: B-300-0118		Phase:		Course Length: 20 Weeks 0.0 Days		
Course Title: CARDIOVASCULAR TECHNICIAN, PHASE 1 (USN)										
Class Maximum: 10		Class Optimum: 10		Class Minimum: 2						
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
005	View	08 Jan 2020	08 Jan 2020	29 May 2020	10	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	78234
010	View	01 Jul 2020	01 Jul 2020	23 Nov 2020	10	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	78234
Classes that have been nonconducted or cancelled or rescheduled have been excluded										


Location(s): SATX

Phase II

Class Schedule										
FY: 2020		School: 872		Course: B-300-0218		Phase:		Course Length: 34 Weeks 0.0 Days		
Course Title: CARDIOVASCULAR TECHNICIAN, PHASE 2 (USN)										
Class Maximum: 10		Class Optimum: 10		Class Minimum: 1						
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
010	View	03 Dec 2019	03 Dec 2019	14 Aug 2020	10	Resident	34101 FARENHOLT AVENUE	SAN DIEGO	CA	92134
105	View	08 Jun 2020	08 Jun 2020	24 Feb 2021	10	Resident	34101 FARENHOLT AVENUE	SAN DIEGO	CA	92134
Classes that have been nonconducted or cancelled or rescheduled have been excluded										

Location(s): San Diego, CA

Admissions requirements:

Course Scope And Special Information	
 Currently Effective 2018-06-26	
<u>Course Scope:</u> Program Description: Cardiovascular Technicians are allied health professionals specifically focused on the diagnostic and interventional treatment of patients with cardiac and peripheral vascular disease under the care of the physician. The Cardiovascular Technician Program provides simulated and live training in all aspects of cardiovascular medicine to include invasive cardiology (cardiac catheterization, electrophysiology), non-invasive cardiology (echocardiography, electrocardiography), and critical care treatment and transportation. Subjects include anatomy and physiology, chemistry, physics, pharmacology, electrocardiography, echocardiography, radiography, and cardiac catheterization techniques. Quality control and safety techniques are emphasized throughout the program. Students will receive instruction and practice in medical ethics, patient care, and a pre-clinical comprehensive that prepares students to transition to a clinical setting. The instructional design for the Cardiovascular Technician Program consolidated courses is group-paced. Lecture, demonstration, online materials, simulations, and laboratory practice are utilized during pre-clinical training.	
<u>Special Information:</u> There is no Special Information.	

Degree level: undergraduate (ASHS / BSHS)

Degree requirements: None.

External credentials: Registered Cardiovascular Invasive Specialist (RCIS)

Accreditation: Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)

Curriculum Planning Document

Title: Cardiovascular Technician (Invasive)

Scope:	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Undergrad	<input type="checkbox"/> Grad	<input type="checkbox"/> Modify	<input type="checkbox"/> Undergrad	<input type="checkbox"/> Grad
		<input checked="" type="checkbox"/> Degree			<input checked="" type="checkbox"/> Degree	
		<input checked="" type="checkbox"/> Major (15 – 30 sem hr)			<input checked="" type="checkbox"/> Major (15 – 30 sem hr)	
		<input type="checkbox"/> Minor (12 – 15 sem hr)			<input type="checkbox"/> Minor (12 – 15 sem hr)	
		<input type="checkbox"/> Course(s)			<input type="checkbox"/> Course(s)	

Magnitude: Total Courses 16 Total Semester Hours 63

Description: Cardiovascular Technologists are allied health professionals specifically focused on the diagnostic and interventional treatment of patients with cardiac and peripheral vascular disease under the care of the physician. Resident training is conducted at the METC with students transitioning to clinical training conducted at military and/or civilian medical treatment facilities (MTF).

Design: *Select all the following that apply to this curriculum proposal:*

Didactic	Laboratory	Clinical/Internship
<input type="checkbox"/> Traditional 2 hrs out:1 hr in Factor = 14	X Traditional Some preparation required Factor = 28	<input type="checkbox"/> Traditional No preparation required Factor = 45*
X Modified 1hr out:1 hr in Factor = 28	<input type="checkbox"/> Modified No preparation required Factor = 42	X Modified Some preparation required Factor = 30
<input type="checkbox"/> Highly Modified No preparation required Factor = 42	<input type="checkbox"/> Simulated Factor = 28 with some prep = 42 with no prep	<input type="checkbox"/> Simulated Factor = 45* with no prep Factor = 30 with some prep
x Blended / On-line Alternative Instructional Equivalents must be identified Factor = 15		

**In some circumstances, the federal definition of a credit hour allows a factor of 30 for clinical courses that require a minimum number of clock hours of student participation.*

Prefix #	Title	Design	Factor
CVTT 1301	Essentials of Medical Law & Ethics for Health Professionals	Mod Didactic	28
CVTT 1404	Cardiovascular Anatomy & Physiology w/ Lab	Mod Didactic w/Lab	28
CVTT 1140	Cardiovascular Pathophysiology w/ Lab	Mod Didactic w/ Lab	28
CVTT 1301	Physics for the Health Sciences	Mod Didactic	28
CVTT 1120	Cardiovascular Radiography Equipment & Methodology	Mod Didactic	28
CVTT 1203	Cardiovascular Pharmacology	Mod Didactic	28
CVTT 1204	Diagnostic Electrocardiography I w/ Lab	Mod Didactic w/ Lab	28
CVTT 1205	Diagnostic Electrocardiography II w/ Lab	Mod Didactic w/ Lab	28
CVTT 1251	Advanced Cardiovascular Catheterization	Mod Didactic / Lab	28
CVTT 1415	Principles of Adult Echocardiography w/ Lab	Mod Didactic / Lab	28
CVTT 2135	Advanced Echocardiography	Mod Didactic / Lab	28
CVTT 2158	Blood Gas Analysis	Mod Didactic / Lab	28
CVTT 1110	Cardiac Catheterization I w/ Lab	Mod Didactic / Lab	28
CVTT 1350	Cardiac Catheterization II w/ Lab	Mod Didactic / Lab	28
CVTT 1103	Patient Assessment & Airway Management	Mod Didactic / Lab	28
CVTT 2102	Pre-Clinical & Registry Assessment	Mod Didactic / Lab	28
CVTT 2501	Clinical Practicum I	Mod Clinical	30
CVTT 2502	Clinical Practicum II	Mod Clinical	30

CVTT 3601	Clinical Practicum III	Mod Clinical	30
CVTT 1513	Catheterization Lab Fundamentals I	Mod Clinical	30
CVTT 3501	Catheterization Lab II	Mod Clinical	30
CVTT 3401	Catheterization Lab III	Mod Clinical	30

Feasibility Analysis (Cardiovascular Technician)

Student Projection

Projected Iterations per year: 2

Projected Students per Iteration: 10

Faculty Projection

Ratios: Didactic: max of 20:1 Laboratory: max of 6:1⁺ Clinical/Internship: max of 6:1⁺
**Programmatic accreditation requirements supersede the established CAHS required student-faculty ratios*

Faculty:	<u>3</u>	<u> </u>	<u>3</u>	<u>6</u>
	Didactic	Laboratory	Clinical/Internship	Total

Explain: Instructors for this program are resourced thru the Air Force Utilization and Training Workshop and Course Resource Estimate, adjusted regularly, supporting Service manning requirements. As Service requirements change, so do available on-hand instructors and associated teaching facilities. Program currently has 6 instructor authorizations.

Facility Projection

Total Facility Requirement:	<u>1</u>	<u>1</u>	<u>1</u>
	Didactic Classroom(s)	Laboratory Facility(s) MOU: <u>No</u>	Clinical/Internship Facility(s) MOU: <u>Yes</u>

Explain: Didactic & laboratory facilities for this program were constituted via BRAC 2005, implemented in 2010. These resources are budgeted via the Defense Health Agency's Medical Education & Training Campus, Fort Sam Houston, TX. Clinical sites are funded via the DHP budget at clinic sites, worldwide.

Funding Projection

Funding: ☐ CAHS/USU x Other METC/Services

Adequate: x Yes ☐ No

Explain: This is a DHA / J-7 BAG 6 funded program. USU J-8 coordinated with DHA J-8 for resourcing.

Feasible:	Student	Faculty	Facility	Funds
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I have reviewed the Curriculum Planning Document and the Feasibility Analysis and find this proposal to be:

☒ Acceptable pending approval of coursework by the CAHS Curriculum Committee.

☐ Unacceptable as reported.

 12-23-19
Signature Date

Curriculum Proposal

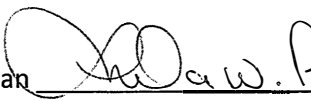
The following CAHS personnel met in quorum as a committee on 23 December 2019 to discuss and vote on the proposed and attached CAHS curriculum:

Title: Cardiovascular Technologist (CVT)

Proposed Curriculum Sponsor: CPO Aldrin Augustus

Committee Membership

Program Sponsor: Aldrin Augustus, CPO, USN	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Bazzilio Perez, SSG, USA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Mike Ward	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Richard Villarreal, COL, SP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Greg Naworol	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Oscar Lopez-Martinez	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Suzan Bowman, PhD	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Chair: Dennis Kilian	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Abstain

Dean  12-13-19
Signature Date

☒ Approve ☐ Remediate ☐ Reject

Comments: This program is accredited thru the Committee on Accreditation of Allied Health Education Programs.

USU Registrar: _____
Signature Date

COLLEGE OF ALLIED HEALTH SCIENCES

DEGREE PLAN & COMPLETION PATHWAY

Degree: Associate of Science in Health Sciences (ASHS)

Major: Cardiovascular Technologist (Navy)

The ASHS degree requires at least 60 semester hours with:

- GPA of at least 2.0 and a grade of C or better in all courses
- Residence of at least 25% of the degree plan
- General Education of at least 30 semester hours
- Major Technical Field of Study of at least 15 semester hours
- General Electives (if needed to achieve 60 semester hours)

Prerequisite:

- Graduate of Hospital Corpsman Basic ("A" School)
- All prerequisite grades must be "C" or higher from a regionally accredited college or university

General Education Requirements (30)			Hours
Communication			
Oral	Transfer Coursework		3
Written	Transfer Coursework		3
Quantitative Science			
Math	Transfer Coursework		3
CVTT 1301*	Essentials of Medical Law & Ethics for Health Professionals		3
CVTT 1404*	Cardiovascular Anatomy & Physiology w/ Lab		4
CVTT 1301*	Physics for the Health Sciences		3
CVTT 1203*	Cardiovascular Pharmacology		2
Human Science			
Humanity	Transfer Coursework		3
Social Sci 1	Transfer Coursework		3
General Education			
Gen Ed 1	Transfer Coursework		3
General Education Requirements Total (min 30)			30

Major Requirements (30)			Hours
Major Technical Field of Study			
CVTT 1140*	Cardiovascular Pathophysiology w/ Lab		1
CVTT 1120*	Cardiovascular Radiography Equipment & Methodology		1
CVTT 1204*	Diag Electrocardiography I w/ Lab		2
CVTT 1205*	Diag Electrocardiography II w/ Lab		2
CVTT 1251*	Advanced Cardiovascular Catheterization		2
CVTT 1415*	Principles of Adult Echocardiography w/ Lab		4
CVTT 2135*	Advanced Echocardiography		1
CVTT 2158*	Blood Gas Analysis		1
CVTT 1110*	Cardiac Catheterization I w/ Lab		1
CVTT 1350*	Cardiac Catheterization II w/ Lab		3
CVTT 1103*	Pt. Assessment & Airway Mgmt		1
CVTT 2102*	Pre-Clinical & Registry Assessment		1
CVTT 2501*	Clinical Practicum I		5
CVTT 2502*	Clinical Practicum II		5
CVTT 3601*	Clinical Practicum III		6
CVTT 1513*	Catheterization Lab Fundamentals I		5
CVTT 3501*	Catheterization Lab II		5
CVTT 3401*	Catheterization Lab III		4
Major Requirements Total (min 30)			50

Degree Completion Plan:

Requirement	Recommended Coursework	Hours Needed**	Pathway
Oral Comm	Public Speaking	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Written Comm	Composition I	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Math	College Algebra	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Humanity	Ethics, Philosophy, Fine Art, Religion	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Social Science 1	Military Science I	3	ACE NER-HM-003 Seaman (E1-3)
Gen Education 1	Anatomy & Physiology	3	ACE NER-HM-004 Hospital Corpsman (E4)

Equivalent coursework will also be considered. This includes CLEP, DANTES, College Board, and other mechanisms. **One class minimum

To receive the ASHS Cardiovascular Technologist diploma, all CAHS students must:

- 1) Complete all coursework above and send official transcript(s) to CAHS.
- 2) Submit CAHS request for graduation.

Purpose: To update the USU President on the Army / Navy Respiratory Therapy (RT) Program.

Bottom Line:

- CAHS is preparing to implement the Army / Navy RT program IAW the approved METC transition plan.
- USU/CAHS academic sharing model preserves programmatic accreditation with the Commission on Accreditation for Respiratory Care (CoARC).
- This program is currently with University of the Incarnate Word, with an expiring contract of April 2020. It is assessed at 51 sem hrs (Army) and 46 sem hrs (Navy) due to different course lengths.

Way Ahead: CAHS continues phasing in Sec 724 of the 2017 NDAA, awarding undergraduate credit to enlisted programs.

Student Population:

Both Army & Navy students are prior service, in the rank of E-3 to E5; Army students may come from the 68CMF, medical career field and Navy students have completed Hospital Corpsman Basic (HCB), normally serving with the Fleet or Marines for 2-4 years. Both populations have Gen Ed recruitment prerequisites of English I, Speech, Humanities and Math, as accreditation requires degree conferral upon completion of the program.

Resources:

This program is fully resourced by the DHA & the METC.

Value Proposition:

Army FY 20 Projected Student Load is 90 students

Navy FY 20 Projected Student Load is 34 students

Army RT curriculum is 51 semester hours/student

Navy RT curriculum in 46 semester hours/student

Vol Ed value / sem hour is \$250 / sem hr

$90 \times 51 = 4,590$ sem hours for Army

$34 \times 46 = 1,564$ sem hours for Navy

$4,590 + 1,564 = 6,154$ sem hours combined

$6,154 \text{ sem hrs} \times \$250 / \text{sem hr} = \$1.54\text{M}$ in Vol Ed (USD P&R) value provided at minimal cost.

Accreditation & Credentialing:

This program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

The Certified Respiratory Therapist (CRT) / Registered Respiratory Therapist (RRT) Credentialing comes via the National Board for Respiratory Care.

POC:

Mr. Dennis Kilian /ADUS/ CAHS (210) 299-8526



**DEFENSE HEALTH AGENCY
MEDICAL EDUCATION AND TRAINING CAMPUS
3176 CPL JOHNSON ROAD
JBSA-FORT SAM HOUSTON, TEXAS 78234-1247**

**Dean, Academic
Affairs**

September 16, 2019

**MEMORANDUM FOR DEAN, UNIFORMED SERVICES UNIVERSITY COLLEGE OF
ALLIED HEALTH SCIENCES, JBSA-FORT SAM HOUSTON,
TEXAS 78234**

SUBJECT: Request for Degree Plan Evaluation of Respiratory Therapy Program

In order to continue the progress and success of the partnership between Medical Education and Training Campus (METC) and the Uniformed Services University College of Allied Health Sciences (USUCAHS), the Dean of Academic Affairs request the Respiratory Program (Army, Navy) be evaluated for inclusion in the USUCAHS catalog.

The Respiratory Therapy Program trains on the knowledge and skills to provide a wide range of high-technology and high-touch therapeutic interventions to patients in acute and chronic care settings. Competencies are assessed through classroom, laboratory, and clinical performance evaluations in simulated and actual patient care situations. Note: Upon graduation from the program, students will receive an associate of science degree in respiratory care. Training consists of lectures, group activities, demonstrations, hands-on instruction and clinical practice.

Army students arrive 12 weeks prior to the consolidated Army and Navy portion of training to complete specific college-level courses that will contribute to the requirements of the Army's Respiratory Specialist program and the degree granting requirements. Students must complete BIO 101 Introduction to Anatomy and Physiology, GMO 101 Medical Terminology, GMO 102 Health Communication, BIO 121 Introduction to Microbiology, BIO 131 Growth and Development, GMO 103 Basic Patient Assessment, GMO 104 Basic Life Support, and GMO 106 Equipment and Facility Familiarization.

The Medical Education & Training Campus/University of the Incarnate Word (Respiratory Therapist Program), 200585, AAS degree, located at Fort Sam Houston, Texas, is accredited by the Commission on Accreditation for Respiratory Care. Students will take the national certification exam for credentialing as certified respiratory therapists by the National Board for Respiratory Care upon completion of the program.

Point of contact for this request is CMSgt Erlinda Schommer at (210) 808-1250 or email erlinda.v.schommer.mil@mail.mil.

**ANDREW L. REIMUND
Col, USAF, NC-BC, SFN
Associate Dean, Academic Support**

Respiratory Therapist (RT) Program

Projected starts: 3 programed for FY 20

Projected students per Service: 90 Army FY 20

34 Navy FY 20

124 total FY 20

Services: Army / Navy

Program length***: Army Phase I is 28 weeks, followed by a 16 week Phase II.
Navy is 32 weeks as it does not distinguish between a Phase I / Phase II.

*** ATRRS data reflects a DHA / US Army support contract with the University of the Incarnate Word, providing Gen Ed, ending in April. Assuming USU BoR approval, the Army will recruit against the Gen Ed requirement, shortening the length of the (Army) course by approximately 8 weeks. Army will still deliver a General Medical Orientation (GMO) of approximately 3 weeks as there is no requirement of previous medical experience (68CMF) to accept orders to this course.

FY 2020

Class Schedule										
FY: 2020		School: 083		Course: 300-68V20		Phase: 1		Course Length: 28 Weeks 2.0 Days		
Course Title: RESPIRATORY SPECIALIST										
Class Maximum: 34 Class Optimum: 32 Class Minimum: 1										
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
005	View	04 Oct 2019	07 Oct 2019	12 May 2020	30	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
010	View	31 Jan 2020	03 Feb 2020	21 Aug 2020	30	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
015	View	05 Jun 2020	08 Jun 2020	12 Jan 2021	30	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	782346111
Classes that have been nonconducted or cancelled or rescheduled have been excluded										

Class Schedule										
FY: 2020		School: 083		Course: B-300-0423		Phase:		Course Length: 32 Weeks 0.0 Days		
Course Title: RESPIRATORY THERAPY TECHNICIAN (USN)										
Class Maximum: 11 Class Optimum: 11 Class Minimum: 1										
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
005	View	21 Jan 2020	21 Jan 2020	03 Sep 2020	12	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	78234
010	View	30 Apr 2020	30 Apr 2020	17 Dec 2020	11	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	78234
015	View	03 Sep 2020	03 Sep 2020	06 May 2021	11	Resident	3176 CPL JOHNSON ROAD	FT SAM HOUSTON	TX	78234
Classes that have been nonconducted or cancelled or rescheduled have been excluded										


Location(s): SATX

Phase II (Army accounting phrase)

Class Schedule										
FY: 2020		School: 830		Course: 300-68V20		Phase: 2		Course Length: 16 Weeks 0.0 Days		
Course Title: RESPIRATORY SPECIALIST										
Class Maximum: 34		Class Optimum: 32		Class Minimum: 1						
Class	Prereqs	Report Date	Start Date	End Date	Capacity	Class Type	Street	City	State	Zip
005	View	12 May 2020	13 May 2020	03 Sep 2020	30	Resident	3851 ROGER BROOKE DRIVE	FT SAM HOUSTON	TX	78234
010	View	23 Aug 2020	24 Aug 2020	17 Dec 2020	30	Resident	3851 ROGER BROOKE DRIVE	FT SAM HOUSTON	TX	78234
015	View	14 Jan 2020	15 Jan 2020	07 May 2020	29	Resident	3851 ROGER BROOKE DRIVE	FT SAM HOUSTON	TX	78234
Classes that have been nonconducted or cancelled or rescheduled have been excluded										

Location(s): Fort Sam Houston

Admissions requirements:

Course Scope And Special Information	
<p> Currently Effective 2019-10-31</p>	
<p><u>Course Scope:</u></p> <p>The Interservice Respiratory Therapy Program (IRTP) is an Interservice Training Review Organization (ITRO) course designed to fill the needs of the US Army (USA), US Navy (USN), and US Army Reserve (USAR) components with highly qualified respiratory care practitioners. The length of the program is 44 weeks for USA/USAR and 32 weeks for USN. The first eight weeks of the program is where USA and USAR students complete their General Education requirements. English Composition II, Introduction to Psychology, and College Math are taught by faculty from the University of the Incarnate Word. Students must successfully complete this phase before continuing in the program. The following four weeks for USA and USAR students are designed to prepare them for the medical subjects they will receive during the respiratory care courses. These General Medical Orientation (GMO) courses include Medical Terminology, Anatomy, Physiology, Microbiology, Growth and Development, Health Communication, Patient Assessment, and Basic Life Support, where they will be certified in accordance with the American Heart Association. Students must successfully complete this phase before continuing in the program. The following 16 weeks is a consolidated USA/USAR/USN didactic phase where students receive specialized training in the theory and practice of respiratory care. This phase is conducted at the Medical Education and Training Campus (METC), Fort Sam Houston (FSH), Texas (TX). Students must successfully complete this phase before continuing in the program. Phase 2 consists of 16 weeks of clinical training conducted at San Antonio Military Medical Center (SAMMC), FSH, TX, as well as other local medical facilities. Army and Navy students apply their newly acquired knowledge and skills on a wide variety of patients and conditions in clinical rotations that include surgical, medical, and neonatal intensive care units, medical wards, pulmonary function lab, and other clinical environments. Interested applicants must submit official college transcripts to the course director or appointed representative for evaluation and approval.</p>	
<p><u>Special Information:</u></p> <p>SUBMIT ALL REQUESTS FOR WAIVERS TO: CDR, Medical Center of Excellence, AMEDD Personnel Proponent Directorate, ATTN: ATMC-PPE, 2377 Greeley Road Ste A, Fort Sam Houston, TX 78234-7584, PH# 210-221-9930. Students are required to meet all course graduation requirements and must pass an APFT to include, meet the height and weight requirements IAW AR 600-9. Soldiers must be able to meet the two following tasks identified the 68V Physical Demands: 081-68V-3027, Perform Chest Physiotherapy 081-68V-3034 Transport a Respiratory Care Patient.</p>	

Prerequisites Set(s)

Title	Effective Start Date	Effective End Date	Valid Fiscal Year(s)
FOREIGN PREREQUISITES	2014-04-28	N/A	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024
ARMY PREREQUISITES	2017-01-12	2025-06-24	2017 2018 2019 2020 2021 2022 2023 2024
▶ ARMY PREREQUISITES	2019-06-25	2025-09-30	2019 2020 2021 2022 2023 2024

Verifiable Prerequisites

Prerequisite Item	Value(s) or Range	Constraint
PULHES	222221	Required
Must meet height weight std IAW AR 600-9	YES	Required
Normal Red/Green (RG) Perception	YES	Required
Physical Demand Rating	MODERATELY HEAVY - LIFT OCCASIONAL 80 LB, FREQUENT 40 LB	Required
Course Security Clearance	Y - NONE	Required
Service Component	A - ACTIVE ARMY R - ARMY RESERVES	Required OR Required

Prerequisite Courses

There are no Prerequisites in the Prerequisite Courses section. See other sections.

Text Prerequisites

Active Army: SPC non-promotable, SPC promotable, and SGT non-promotable. The Service Remaining Requirement (SRR) upon completion of this course is 28 months IAW AR 614-200, Chapter 4, Table 4-1.

Reserve Component: SPC non-promotable, SPC promotable, and SGT non-promotable. The SRR upon completion of this course is 28 months IAW AR 614-200, Chapter 4, Table 4-1.

DoD Civilians: All civilians who desire to attend training must have a DA Form 3838 or SF Form 182 signed by their supervisor. The form must be sent to the Course Director, Academy of Health Sciences, Department of Medical Science, ATTN: MCCS-HM, STE. 1229, 3151 Scott Road, Fort Sam Houston, TX 78234-6138, at a minimum of 30 days prior to training to ensure training seats are available. The unit will be responsible for the civilian travel and per diem expenses as well as maintaining them on the payroll.

Qualifying ASVAB scores: A minimum score of 105 in aptitude area ST in Armed Services Vocational Aptitude Battery (ASVAB) tests administered prior to 2 January 2002: A minimum score of 102 in aptitude area ST in ASVAB tests administered on or after 2 January 2002.

This course is for Active Army in-service personnel and open for Initial Entry Training for Army Reserve personnel.

Soldiers must have a high school diploma or a GED equivalency. 1. Soldier must have a minimum of 12 college semester hours that includes the following: (a) English Composition 1 or 2 (3 semester hours) with a passing grade of "C" or higher from a regionally accredited college or university (b) Speech (3 semester hours) with a passing grade of "C" or higher from a regionally accredited college or university (c) College Math, Technical Math, or College Algebra (3 semester hours) with a passing grade of "C" or higher from a regionally accredited college or university (d) Humanities: Ethics, Fine Arts, History, Literature, Music, Philosophy, Religion, or other acceptable humanities (3 semester hours) with a passing grade of "C" or higher from a regionally accredited college or university. Soldiers who do not have the academic requirements may submit a passing College Level Examination Program (CLEP) and/or Defense Activity for Nontraditional Education Support (DANTES). 2. International Transcripts- All official university transcripts must be translated into English. These records must include grades and/or scores received. A course-by-course/detailed course foreign credential evaluation and course descriptions in English are required for all foreign transcripts to determine transfer credit eligibility. A list of evaluation agencies is available from the 68V Program. 3. Upon course enrollment, applicants must submit their transcripts to: dha.jbsa.education-trng.mbx.metc-respiratory-therapy-operations@mail.mil.

Soldiers must have good eye-hand coordination.

Prior to departure from home station, Soldiers are required to reenlist or extend their term of enlistment to meet the SRR upon completion of the course. When reporting for training and it is determined that Soldiers do not meet the SRR, they will not be accepted into the course unless they reenlist or extend to meet the SRR.

Enlisted women who are pregnant must be counseled and/or processed IAW AR 635-200.

The physical profile (PULHES) applies to initial entry Soldiers only and is not to be used as a prerequisite for Soldiers reclassifying into this MOS; the physical demand rating applies to Soldiers for reclassification.

Both Initial Entry Accessions and In-service Soldiers must meet the following minimum Occupational Physical Assessment Test (OPAT) Scores for physical demands category Gold/Moderate to qualify for MOS 68V: Standing Long Jump (LJ) - 0120 cm Seated Power Throw (PT) - 0350 cm Strength Deadlift (SD) - 0120 lbs. Interval Aerobic Run (IR) - 0036 shuttles

Degree level: undergraduate (ASHS)

Degree requirements: ASHS Conferral upon completion of program.

External credentials: Certified Respiratory Therapists (CRT) / Registered Respiratory Therapist

Accreditation: Commission on Accreditation for Respiratory Care (CoARC)

Prefix #	Title	Design	Factor
RSPT 1202	Anatomy & Physiology for the Respiratory Therapist / Lab	Mod Didactic / Lab	28
RSPT 1425	Respiratory Care Sciences w/ Lab	Mod Didactic / Lab	28
RSPT 1101	Introduction to Respiratory Care	Mod Didactic	28
RSPT 1340	Advanced Cardiopulmonary Anatomy & Physiology	Mod Didactic	28
RSPT 1310	Respiratory Care Procedures w/ Lab	Mod Didactic / Lab	28
RSPT 2317	Respiratory Care Pharmacology w/ Lab	Mod Didactic / Lab	28
RSPT 2201	Airway Assessment & Management / Lab	Mod Didactic / Lab	28
RSPT 2302	Diagnostic Monitoring w/ Lab	Mod Didactic / Lab	28
RSPT 2414	Mechanical Ventilation w/ Lab	Mod Didactic / Lab	28
RSPT 2101	Advanced Mechanical Ventilation	Mod Didactic / Lab	28
RSPT 3102	Pulmonary Pathologies	Mod Didactic	28
RSPT 2253	Neonatal / Pediatric Cardiopulmonary Care	Mod Didactic / Lab	28
RSPT 2143	Research in Respiratory Care	Mod Didactic / Lab	28
RSPT 1102	Clinical Practicum I	Mod Clinical	30
RSPT 2403	Clinical Practicum II	Mod Clinical	30
RSPT 2404	Clinical Practicum III	Mod Clinical	30

RSPT 3405	Clinical Practicum IV	Mod Clinical	30
RSPT 3406	Clinical Practicum V	Mod Clinical	30
RSPT 3407	Clinical Practicum VI	Mod Clinical	30

Feasibility Analysis (Respiratory Therapy)

Student Projection

Projected Iterations per year: 3

Projected Students per Iteration: 45

Faculty Projection

Ratios: Didactic: max of 45:1 Laboratory: max of 6:1* Clinical/Internship: max of 6:1*
*Programmatic accreditation requirements supersede the established CAHS required student-faculty ratios

Faculty:	<u>13</u>	<u>Same as didactic</u>	<u>17</u>	<u>30</u>
	Didactic	Laboratory	Clinical/Internship	Total

Explain: Didactic instructors for this program are resourced thru the Army / Navy / Requirements Resources Analysis, adjusted regularly, via the Interservice Training Requirements Office (ITRO), supporting Service manning requirements. Clinical instructors are filled and authorized by BAMC TDA and not resourced thru Army RRA; Navy is a one-phase program priced out for didactic and clinical instructors. Program currently has 7 Navy instructors shared between didactic and clinical phases; 8 Army phase I instructors, 2 civilian phase I instructors dual hatted as Program Director and Director of Clinical Education which are accreditation requirements; clinical instructors resourced thru the ARMY for BAMC's TDA requirement: 8 Army instructors, 4 civilian instructors, 1 civilian coordinator.

Facility Projection

Total Facility Requirement:	<u>3</u>	<u>9</u>	<u>3</u>
	Didactic Classroom(s)	Laboratory Facility(s) MOU: <u>No</u>	Clinical/Internship Facility(s) MOU: <u>Yes</u>

Explain: Didactic & laboratory facilities for this program were constituted via BRAC 2005, implemented in 2010. These resources are budgeted via the Defense Health Agency's Medical Education & Training Campus, Fort Sam Houston, TX. Clinical sites are funded via the DHP budget at clinic sites, worldwide.

Funding Projection

Funding: ☐ CAHS/USU x Other METC/Services

Adequate: x Yes ☐ No

Explain: This is a DHA / J-7 BAG 6 funded program. USU J-8 coordinated with DHA J-8 for resourcing.

Feasible:	Student		Faculty		Facility		Funds	
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

I have reviewed the Curriculum Planning Document and the Feasibility Analysis and find this proposal to be:

- ☒ Acceptable pending approval of coursework by the CAHS Curriculum Committee.
☐ Unacceptable as reported.

 12-23-19
Signature Date

Curriculum Proposal

The following CAHS personnel met in quorum as a committee on 23 December 2019 to discuss and vote on the proposed and attached CAHS curriculum:

Title: Respiratory Therapy

Proposed Curriculum Sponsor: Mr Oscar Lopez-Martinez

Committee Membership

Program Sponsor: Oscar Lopez-Martinez	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Bazzilio Perez, SSG, USA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Mike Ward	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Richard Villarreal, COL, SP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Greg Naworol	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Aldrin Augustus, CPO, USN	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Member: Suzan Bowman, PhD	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain
Curriculum Committee Chair: Dennis Kilian	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Abstain

Dean [Signature] 12-23-19
Signature Date

☒ Approve ☐ Remediate ☐ Reject

Comments: This program is accredited thru the Committee on Accreditation on Reparatory Care (CoARC), and under contract with the University of the Incarnate Word for an ASHS.

USU Registrar: _____
Signature

Date

COLLEGE OF ALLIED HEALTH SCIENCES

DEGREE PLAN & COMPLETION PATHWAY

Degree: Associate of Science in Health Sciences (ASHS)

Major: Respiratory Therapy (Army)

The ASHS degree requires at least 60 semester hours with:

- GPA of at least 2.0 and a grade of C or better in all courses
- Residence of at least 25% of the degree plan
- General Education of at least 30 semester hours
- Major Technical Field of Study of at least 15 semester hours
- General Electives (if needed to achieve 60 semester hours)

Prerequisite:

- Active Duty, In-Service personnel or IET for Army Reserve
- Min of 12 college sem hrs that include Eng Comp 1 or 2; Speech; College Math; and Humanities
- All prerequisite grades must be "C" or higher from a regionally accredited college or university

General Education Requirements (30)			Hours	Major Requirements (30)			Hours
Communication				Major Technical Field of Study			
Oral	Transfer Coursework		3	RSPT 1101*	Into to Respiratory Therapy		1
Written	Transfer Coursework		3	RSPT 1311*	Respiratory Care Procedures		3
Quantitative Science				RSPT 2302*	Diagnostic Monitoring		3
Math	Transfer Coursework		3	RSPT 2414*	Mechanical Ventilation		4
RSPT 1340*	Advanced Cardiopulmonary A&P		3	RSPT 2101*	Advanced Mechanical Ventilation		1
RSPT 2201*	Airway Assessment & Management		2	RSPT 2219*	Mechanical Ventilation for the Neonatal/Pediatric Patient		2
RSPT 2317*	Respiratory Care Pharmacology		3	RSPT 2143*	Research in Respiratory Care		1
RSPT 2102*	Pulmonary Pathologies		1	RSPT 1102*	Respiratory Care Therapist Practicum I		1
Human Science				RSPT 1403*	Respiratory Care Therapist Practicum II		4
Humanity	Transfer Coursework		3	RSPT 1404*	Respiratory Care Therapist Practicum III		4
Social Sci 1	Transfer Coursework		3	RSPT 2405*	Respiratory Care Therapist Practicum IV		4
General Education				RSPT 2406*	Respiratory Care Therapist Practicum V		4
Gen Ed 1	Transfer Coursework		3				
Gen Ed 2	Transfer Coursework		3				
General Education Requirements Total (min 30)			30	Major Requirements Total (min 30)			32

Degree Completion Plan:

Requirement	Recommended Coursework	Hours Needed**	Pathway
Oral Comm	Public Speaking	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Written Comm	Composition I	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Math	College Algebra	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Humanity	Ethics, Philosophy, Fine Art, Religion	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Social Science 1	Military Science I	3	ACE: AR-2201-0399 V04
Gen Education 1	Military Science II	3	ACE: AR-2201-0399 V04
Gen Education 2	Physical Education	3	ACE: AR-2201-0399 V04

Equivalent coursework will also be considered. This includes CLEP, DANTES, College Board, and other mechanisms. **One class minimum

To receive the ASHS Emergency Medical Services diploma, all CAHS students must:

- 1) Complete all coursework above and send official transcript(s) to CAHS.
- 2) Submit CAHS request for graduation.

COLLEGE OF ALLIED HEALTH SCIENCES

DEGREE PLAN & COMPLETION PATHWAY

Degree: Associate of Science in Health Sciences (ASHS)

Major: Respiratory Therapy (Navy)

The ASHS degree requires at least 60 semester hours with:

- GPA of at least 2.0 and a grade of C or better in all courses
- Residence of at least 25% of the degree plan
- General Education of at least 30 semester hours
- Major Technical Field of Study of at least 15 semester hours
- General Electives (if needed to achieve 60 semester hours)

Prerequisite:

- Min of 12 college sem hrs that include Eng Comp 1 or 2; Speech; College Math; and Humanities
- All prerequisite grades must be "C" or higher from a regionally accredited college or university

General Education Requirements (30)			Hours	Major Requirements (30)			Hours
Communication				Major Technical Field of Study			
Oral	Transfer Coursework		3	RSPT 1101*	Into to Respiratory Therapy		1
Written	Transfer Coursework		3	RSPT 1311*	Respiratory Care Procedures		3
Quantitative Science				RSPT 2302*	Diagnostic Monitoring		3
Math	Transfer Coursework		3	RSPT 2414*	Mechanical Ventilation		4
RSPT 1340*	Advanced Cardiopulmonary A&P		3	RSPT 2101*	Advanced Mechanical Ventilation		1
RSPT 2201*	Airway Assessment & Management		2	RSPT 2219*	Mechanical Ventilation for the Neonatal/Pediatric Patient		2
RSPT 2317*	Respiratory Care Pharmacology		3	RSPT 2143*	Research in Respiratory Care		1
RSPT 2102*	Pulmonary Pathologies		1	RSPT 1102*	Respiratory Care Therapist Practicum I		1
Human Science				RSPT 1403*	Respiratory Care Therapist Practicum II		4
Humanity	Transfer Coursework		3	RSPT 1404*	Respiratory Care Therapist Practicum III		4
Social Sci 1	Transfer Coursework		3	RSPT 2405*	Respiratory Care Therapist Practicum IV		4
General Education				RSPT 2406*	Respiratory Care Therapist Practicum V		4
Gen Ed 1	Transfer Coursework		3				
Gen Ed 2	Transfer Coursework		3				
General Education Requirements Total (min 30)			30	Major Requirements Total (min 30)			32

Degree Completion Plan:

Requirement	Recommended Coursework	Hours Needed**	Pathway
Oral Comm	Public Speaking	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Written Comm	Composition I	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Math	College Algebra	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Humanity	Ethics, Philosophy, Fine Art, Religion	3	Transfer (CLEP, AP, DANTES, TA, etc.)
Social Science 1	Military Science I	3	ACE NER-HM-003 Seaman (E1-3)
Gen Education 1	Medical Terminology	3	ACE NER-HM-004 Hospital Corpsman (E4)
Gen Education 2	Anatomy & Physiology	3	ACE NER-HM-004 Hospital Corpsman (E4)

Equivalent coursework will also be considered. This includes CLEP, DANTES, College Board, and other mechanisms. **One class minimum

To receive the ASHS Emergency Medical Services diploma, all CAHS students must:

- 1) Complete all coursework above and send official transcript(s) to CAHS.
- 2) Submit CAHS request for graduation.

TAB 23

USU Southern Region Report

Subject: Senior Vice President's Report – Southern Region

Date: February 2020

Purpose: Information

Point of Contact:

Thomas W. Travis, MD, MPH

Senior Vice President – Southern Region

(210) 299-8501

Significant Issues:

The Southern Region update (February BOR):

1. Thanks to November BOR approval, the CAHS is now supporting not just METC, but also Army Critical Care/Flight Paramedic programs at Ft Sam Houston TX, and the Navy Independent Duty Corpsmen programs at Groton CT (Submarine) and San Diego CA (Surface). Both the Navy and Army are now interested in USU-CAHS support of other advanced training programs. Meanwhile, the next tranche of METC programs are being evaluated by USU-CAHS and METC faculty members. Funding is secured for 2020 for all of the above.

2. USU-South has withdrawn a request for a temporary facility in light of the organizational realignment and subsequent relocation of MTN personnel. This freed up several offices and a conference room in the USU-South building, which should accommodate anticipated CAHS growth for the next year or so. USU-South continues to engage with AF Civil Engineering Center and Joint Base San Antonio leaders regarding the need for space in the South Beach Pavilion, still on track to return to DOD control in 2021.

Staffing/Funding/Budget Estimate/Fiscal Impact: TBD

Board Action Requested: None at this time; info only

TAB 24

USU Western Region Report

Uniformed Services University of the Health Sciences Board of Regents

Board Brief

Submitted by: Dr. William Roberts

Date: January 2019

Title & Department: Senior Vice President Western Region Phone: 619-532-9522

Purpose:

Information: X

Action _____

Subject: In-Progress Review (OCT19-DEC19)

Significant Issues: None

- * Per Pres Thomas appointment, USU-W SVP has chaired, and USU-W CoS has served as executive advisor, for USU Defense Wide Review Executive Committee. The Committee assigned three team leads to respond (and create draft decision memos (DM) for DepSecDef) to the three areas assigned to USU:
 - Develop options for recruiting, training, and retaining uniformed physician force based on medical operations requirements (team lead: COL Saguil)
 - Develop options for reducing USU costs (team lead: Mr. Tinling)
 - Develop options for improving alignment of USU and HPSP medical school graduates to residency and fellowship programs with high relevance to military requirements (team lead: Dean Kellermann)

The team leads drafted DMs, info papers, and briefs that have been reviewed and concurred by external stakeholders, including DHA, HA, Joint Staff Surgeon and the Services. The DMs have been signed out by the USU President and forwarded to the OSD/HA office for continued routing to the SECDEF.

- * USU – W SVP and USU-W CoS, in collaboration with USU Deans, CoS, VP for Finance and Administration, PRS support staff and the Defense Health Agency (DHA) J-7 have been involved in the 2019 E&T Feasibility Study Report to Congress. This report had been completed and vetted through OSD/HA. USU continues to support the principal recommendation that no major MHS E&T realignment/consolidation occur at this time, and remains adamant that the direct reporting relationship between USU President and ASD(HA) continue.
- * USU SVP continues to chair VPR Search Committee; rubric for selection has been developed and ranking process has been flowcharted, and application period was officially closed on 31 DEC 2019. There were 26 applications received. The Committee will begin the evaluative process during first week of January 2020.
- The Indo-Pacific Research Alliance for Military Medicine (IPRAMM), co-chaired by USU-W SVP and USU VPR, held its semi-annual F2F meeting in San Diego, CA October 22-24, 2019. Participants included INDOPACOM Surgeon, USU senior leaders from OGC, JOTT, Finance and Administration, Research, AFRRI, and the Centers, as well as representatives from IPRAMM member organizations including: Clinical Investigation Division leaders from all Western Regions MTFs, DoD research laboratories (NHRC, NAMRU-Asia, AFRIMS), two Department of Energy Labs, NASA Ames Research Laboratory, Defense Innovation Unit, DHA J-9, USAMRMC, and the VA. The primary objective of the meeting was to continue developing the IPRAMM Strategic Plan. Key focus areas for 2020 are refinement and

potential expansion of IPRAMM Strategic Objectives to include education and training, global health engagement and scientific diplomacy within INDPACOM; development of a process for vetting and adding new potential member organizations; and devising and implementing strategies to better support IPRAMM collaborative research partnerships. Discussions continue via monthly conference calls. The next IPRAMM F2F is scheduled for March 2020. In conjunction with the Fall F2F, IPRAMM organized a Satellite Meeting on Military Suicide. The objectives of this meeting were to bring together thought leaders in the field to discuss the current state of the science, identify knowledge and capability gaps and seek opportunities for impact through increased awareness, open communication and establishment of strategic partnerships. In addition to the IPRAMM members listed above, invited speakers and attendees included representatives from USSOCOM, Naval Special Warfare Command, USAMRD-West, UC San Diego, UC San Francisco, the National Intrepid Center of Excellence, the Camp Pendleton Intrepid Spirit Center, and the Walter Reed Army Institute of Research.

- USU-W SVP continues to co-chair USU/DHA J7 Senior Strategy Group with Brig Gen Fligge (new DHA J7). Recommendations to date include: a transfer of the Military Training Network to the DHA; Develop contractual efficiencies for Medical Modeling and Simulation (MM&S) in collaboration with the DHA MM&S program office; maintain the current Continuing Education at both USU and DHA. The SSG will continue to meet to determine additional efficiencies.

Support to Faculty

- The USU Western Region continues to support USU Faculty in the Western Region (to include CAPT(sel) Natalie Burman, MC, USN, dually hatted as NMCS staff pediatrician/fac dev faculty; and interim Regional Assoc Dean USU SoM), and is working with USU Main Campus (Drs. Durning and Cervero) to identify candidates for the USU Programs in Education Leadership.

Current & Future Concerns:

N/A

Funding/Budget Estimate/Fiscal Impact:

N/A

Staffing Impact:

N/A

Board Action Requested:

None

TAB 25

*Armed Forces Radiobiology
Research Institute Report*



Uniformed Services University Board of Regents

Board Brief

Submitted by: CAPT Danielle Wooten, MSC, USN **Date:** 10 Jan 2020
Title & Department: Interim Director, AFRRI **Phone:** 301-295-9243
Purpose: Informational ☒ **Action:**
Subject: **AFRRI Director's Report for 4 Feb 2020 Meeting**

Top-line Updates

1. Leadership Changes
2. AFRRI's FY2020 Scientific Strategy & Intramural Funds
3. Scientific Director / Advisor
4. Research Accomplishments / Military Medical Operations
5. Radiobiologists Career Development
6. Status update of all AFRRI Sources
7. Facilities & Personnel Losses

Functional Area Updates:

1. Leadership Changes:

Effective 12 Dec 2019, CAPT Danielle Wooten, MSC, USN, became the Interim Director for AFRRI. CDR Ayodele Olabisi, DH Scientific Research Department (SRD) turned over to LTC Mitchell Woodberry and PSC'ed to Naval Research Lab (NRL). One of AFRRI's Principle Investigator, Dr. Maria Moroni departed AFRRI in October 2019 and is currently working for the Biomedical Advanced Research and Development Authority (BARDA).

2. AFRRI's FY2020 Scientific Strategy & Intramural Funding:

On 26 June 2019, AFRRI/SRD released the FY2020 intramural funding call and three-year research plan. The scientific review was completed in July 2019 and the programmatic review was completed in Aug 2019. As of now, all intramural projects will be funded for up to three years. The JPC-7 program review is currently scheduled for 21 Jan 2020.

3. **Scientific Director / Advisor:**

4. The AFRRRI scientific mission and research direction requires consistent input and management from Institute leadership. Historically, such direction has been best accomplished by a dedicated scientific leader embedded within the Institute.

- Establishing the Scientific Director position at AFRRRI will be a top priority for AFRRRI leadership in the coming months.
- AFRRRI leadership believes that filling this position is critical to AFRRRI's future ability to accomplish its research mission in a manner that is consistent with its role as a USU asset and DOD laboratory.

5. **Research Accomplishments Military Medical Operations:**

Research partnerships

AFRRRI research continues to leverage strong medical research partnerships with academic, industry, and federal agency partners.

- These include ongoing research agreements with multiple federal partners that fund and support AFRRRI research. These partners include National Institute of Allergy and Infectious Diseases (NIAID), Biomedical Advanced Research and Development Authority, and Joint Program Committee 7 (JPC-7), and Congressionally Directed Medical Research Programs (to name a few).
- Research efforts borne from these partnerships lead to improved science and technology solutions required for medical readiness during radiological and nuclear operations.

Research production

Over the course of 2019, AFRRRI investigators generated multiple key science products including 21 peer-reviewed research publications and validation of two radiation countermeasure drugs through the NIAID drug screening program.

New start research projects that we are excited about include:

- **Walter Reed Army Institute Research (WRAIR):** Initiated a study to evaluate the longitudinal pathobiology of low dose biomarkers for the express purpose of providing better guidance to military personnel operating in a nuclear fallout environment [*USUHS/AFRRRI funds 2020-present*].
- **Department of Homeland Security/National Urban Security Technology Laboratory Collaboration:** AFRRRI is initiating a study with DHS/NSTL to evaluate the sustainability and

resilience of radiation detection equipment used by the DHS for threat screening and to enhance first responder responses [2019 – present].

- **National Strategic Research Institute (STRATCOM sponsored UARC at the University of Nebraska):** AFRRI is leveraging expertise in radiobiology in a collaboration with the University of Nebraska scientists to complete both *in vivo* and *in vitro* experiments necessary to identify promising pharmaceuticals.

FY20 MMO's Academic Educational and Training Events (CONUS and OCONUS):

Medical Effects of Ionizing Radiation (MEIR) Operational Projects:

FY2020

- 14-15 JAN: CBRNE workshop at DTRA for JMPT updates
- 22-23 JAN: R/N workshop at APG with DNWS
- 3-6 FEB: MEIR course at Fort Bliss El Paso for 1st Armored Division prior to deployment to Poland (CLASSIFIED) Need for SIPR capabilities
- 10-13 FEB: MEIR course at Okinawa with TTX with DTRA
- 19-21 FEB: MEIR course at Naval Branch Health Clinic Portsmouth, NH
- 25-27 FEB: MEIR at the Joint Medical Augmentation Unit, Fort Bragg
- 3-5 MAR: PEO-STR1 site visit for VR STE; Program Executive Office Simulation, Training and Instrumentation (PEO-STR1). Collaboration to produce virtual reality content for R/N scenarios for interactive training; awaiting site visit to assess current capabilities and gaps.
- 10-12 MAR: MEIR at Fort Eustis
- 10-13 MAR: REACTS course in TN, discuss including AFRRI in Radiological Response
- 20-22 APR: MEIR at SAMMC with focus on RITN network
- 4-6 MAY: MEIR course at AFRRI
- 13-15 MAY: MEIR course at Naval Undersea Medical Institute
- 28-28 MAY: MEIR course at Naval Aerospace Medical Institute
- 8-11 JUN: MEIR course at USFK in Yongsan, South Korea combined with Republic of Korea and Senior Leadership Seminar
- 8-10 JUL: MEIR course at Ramstein/Landstuhl
- 27-29 AUG: MEIR course in Madigan, Tacoma Washington

MMO's Future Critical Task

In order to continue supporting AFRRI's DoD Directive to maintain Medical Radiobiology Advisory Teams (MRATs), Subject Matter Experts (SME), medical and health physics experts, for augmentation to DTRA'S deployable Chemical Biological Radiological Nuclear Military Advisory Team (CMAT), and be able to advise operational commanders on medical response to Radiological /Nuclear incidents, we must persist improving our communication levels with our Inter-Agency partners national and international. Therefore we urgently need the activation of our secure room 2151 to allow manage data that guards against electronic surveillance and suppresses data leakage of sensitive security and military

information (**SCIF**). And the implementation of components that will handle those communications with other security needs, such as the **SIPRNET**, which will be used for higher levels of communication with our partner agencies.

6. Radiobiologists Career Development:

With the recent departure of another long time investigator at AFRRI, the Institute continues to face a declining talent pool of scientific leaders who are subject matter experts in radiobiology. The AFRRI science mission requires a stable and continual pipeline for scientist recruitment and retention to provide radiation/nuclear health advice and research for the future military needs.

- Part of our strategy for meeting this need will involve developing in-house fellowship programs to recruit, train, and retain the next generation of AFRRI radiobiologists.
- We have a longstanding fellowship program agreement with the National Academy of Sciences/National Research Council, Research Associateship Program designed to meet this requirement; however, this program has been largely under-utilized within the Institute in recent years. Efforts to improve management of the program and the strategic increase in the program's annual budget would allow AFRRI to support a greater number of high quality fellows, and develop future generations of AFRRI investigators.
- Another thrust of this effort will involve working with AFRRI research sponsors, such as JCP-7, to establish lines of funding for new start fellowship programs that can bring trainees on board through the ORISE postdoctoral fellowship vehicle.

7. Status Update of all AFRRI Sources:

Operational Status

- High Level Cobalt Facility (HLCF): Fully operational; Annual Maintenance recently completed; Control Console upgrade complete; No plans for shutdowns
- Low Level Cobalt Facility (LLCF): Fully operational; Renovation project may lead to brief shutdown; Timeline TBD (working with FAC on plan)
- Linear Accelerator and CT Scanner (LINAC/CT) Facility: Fully operational; no planned shutdowns
- Small Animal Radiation Research Platform (SARRP): Fully operational; no planned shutdowns
- TRIGA Reactor Facility: Administrative shutdown continues, pending License Amendment (approval by NRC) for new digital control console.

Recent Accomplishments

- Established new protocols for experiments in the Linear Accelerator (LINAC) Facility
- Completed upgrade of the High Level Cobalt Facility (HLCF) control console
- Obtained new Optically Stimulated Luminescence (OSL) reader and began development of OSL dosimetry capability at AFRRI (to augment existing Alanine Dosimetry capabilities)

TAB 26

Vice President for Research Report

**Uniformed Services University of the Health Sciences
Board of Regents**

Board Brief

Submitted by: Yvonne Maddox and Toya Randolph **Date:** 1/8/2020

Title & Department: Vice President for Research **Phone:** 301-295-3303

Purpose: BOR /Winter 2020 **Information** X **Action** _____

Subject: Presentation to the USUHS Board of Regents, 1/2020

Significant Issues: New information is being provided since the last BOR brief. The Office of the Vice President for Research (VPR) will focus this BOR update on the following areas: research initiatives and activities, collaborations and partnerships, personnel and research infrastructure, and funding/budget.

1. Research Initiatives and Activities

- **USU Research Strategic Plan.** One of the three mission domains in the USU Strategic Plan is Research and Scholarship – a domain that embraces a wide range of USU initiatives, activities, operations and funding resources. The USU Plan contains specific guidance and strategic objectives for the research community, emphasizing that “USU research and scholarship are requirements-driven, innovative and directly relevant to DoD, the American warfighter and the military community.” With the recommendation of VPR and support of the USU President, VPR is spearheading an effort to develop the first USU Research Strategic Plan. The effort is being chaired by Dr. Toya Randolph, working closely with the USU Office of Strategic Planning, and with the guidance of an ad hoc Coordination Committee consisting of internal and external stakeholders and partners as well as a sub-committee of subject matter experts. The goal is to develop a 5-year USU Research Strategic Plan. The Committee will ensure that USU meets its critical research and scholarship objectives in the context of the overall guidance from the USU Plan. Thus far, the Committee has considered the research principles, mission, and vision to draft research domains and objectives for USU research.
- **Military Women’s Health Research.** VPR continues to be a leading force in the development of a military women’s health research program within the DOD. The newly established Military Women’s Health Research Consortium (MWHRC), a collaboration between USU researchers and investigators from several MTFs who are conducting biomedical research in several areas critical to readiness and performance of female warfighters, has garnered support from across the MHS and this visibility has resulted in presentations at both MHSRS and AMSUS. VPR led a session on military women’s health at the Annual AMSUS Conference in Indian Head, MD. The panel of speakers addressed critical health areas impacting the health and wellbeing of women Service members and Veterans on the topic “Overcoming Disparities in Women’s Health”. This was the 4th year that USU was invited to organize and lead a session on Women’s Health, and as a result, the need for additional research has been established/elevated. The session was well attended and addressed such issues as access to contraception, uterine fibroid therapy, racial and ethnic disparities in birth outcomes, health screening and a mini-residency training to support women Veteran’s health care. These topics

were included to focus on the importance of women's health in assessing the overall readiness and performance of the Force. VPR presented a platform presentation at the Opening Plenary Session on "A Strategic Approach to Ensuring Health and Readiness in the Future Battlespace" and opened the MHSRS session on Women's Health and provided an update on the MWHRC, which currently supports 4 research projects, with more than 30 investigators, located at 15 institutions, which includes 10 MTFs. Women's Health has now been added to the USU/DoD Program Operations Memorandum (POM). At the request of the Office of the USU President VPR has been working with the USU Group on Women in Medicine and Science (GWIMS) in efforts to encourage and advance more participation of women in science and education. It is anticipated that members of the GWIMS will become involved in the MWHRC in areas that are critical to female Service members, their wellbeing, performance and readiness.

- VPR held the annual Collaborative Health Initiative Research Program (CHIRP) Investigator's meeting at the Henry M. Jackson Foundation Headquarters to discuss recent research findings (progress and challenges) for the research projects solicited through two FOAs. The 16 researchers funded through CHIRP presented a broad spectrum of projects to improve warfighter health and wellness, including in the areas of genomics, transcriptomics, and immunological biomarkers. VPR will hold its annual meeting for ALL USU intramural research investigators in January 2020. At this meeting, USU investigators funded through the intramural research program will present their research progress, discuss challenges, answer questions and provide updates on the projects' research significance and results. This meeting provides an opportunity for VPR to learn about advances made by USU Intramural Research Awardees. In addition, it allows VPR a platform to assess any research administration challenges faculty members are encountering and/or provide updates regarding policy and funding opportunities.
- Recognizing the vast technological and analytical potential offered to military medical research by CHIRP, The American Genome Center (TAGC), and Military Cardiovascular Outcomes Research (MiCOR), USU's Dean of the School of Medicine and the Vice President for Research jointly launched a new initiative emphasizing military genomics research, education and precision clinical care that will build on the solid accomplishments achieved in this burgeoning field. This initiative generated a new organization: the Center for Precision Medicine for Military Medical Education and Research (PRIMER). The mission of PRIMER is to innovate and apply genomic science, discoveries, and precision medicine techniques to enhance the health, readiness, and well-being of the warfighter and the military community. By the end of 2024, PRIMER will be a central hub for collaborative genomics research, education, and treatment in military medicine. PRIMER will include a CLIA-certified and CAP-accredited laboratory: capable, accurate, informative, and secure for personalized genetics-based care and genomics studies in military populations. Building on the initial efforts of CHIRP, TAGC and MiCOR, PRIMER supports their activities under one administrative leadership. PRIMER will harness the advantages inherent in the MHS to improve both military and civilian population health through the application of precision medicine science.
- VPR has been proactive in many activities to advance research opportunities for minority students, including serving as a judge for the *Annual Biomedical Research Conference for Minority Students (ABRCMS)* on November 14 – 17, Anaheim, California. ABRCMS is one of the largest communities of underrepresented minorities in science, technology, engineering and mathematics. Students attend this conference to present their research, enhance professional development skills, explore graduate schools, and network. It is sponsored by the American

Society for Microbiology. VPR also used this opportunity to recruit for the USU Comprehensive Student Research Training Program.

- VPR continues to be the driving force in launching an initiative to reduce obesity in military families. The obesity epidemic is a serious problem in the United States. Approximately 13.7 million children and adolescents are affected by obesity. In fact, obesity and overweight are top reasons why Americans, ages 17-24, do not meet the military's recruitment requirements. In addition, there is a significant health disparity in obesity for minority populations. The Well Prepared Program is a childhood obesity prevention initiative that will address the problem of a diminishing future military recruiting pool. Parents will be educated on how to help their children maintain a healthy weight and adopt healthy behaviors early in life. It will also give parents some tools so that they can also adopt healthy behaviors. Military families with children will be the study cohort as statistics show that children with one or more parents in the military are more likely to enlist. There will be an emphasis on military families with children in elementary and middle school. During this period, there is a unique opportunity to inform and shape the future health behaviors of the children. Furthermore, this initiative will work to secure the viability and readiness of the future force. The program's pilot is occurring in Mississippi and is targeting the counties and school districts that have a significant percentage of military families and are geographically aligned with military treatment facilities.
- The Research Administration (REA) Division/VPR conducted scientific peer review panels for several funding opportunity announcements, including health services research, global health, research countermeasures, and a New Opportunity Research Award Program.

2. Collaborations, Partnerships and Meetings

- VPR continues to be a focal point for USU in building research relationships with the VA. The Vice President for Research serves as a member of the VA National Research Advisory Committee (NRAC) and the AVP/RIC served as a DoD representative to the "DoD-VA Summit on Research Collaboration." This collaborative group included 37 representatives from the DoD and VA, including researchers from each agency who discussed multiple examples of the challenges encountered in obtaining interagency data access/data sharing, HIPAA and IRB reliance agreements, and other research regulatory concerns. Multiple solutions are being discussed. Rather than revise the 2013 "VA/DoD Guidebook for Research Collaboration," the DoD and VA representatives have proposed creating a web resource with current tools, guidance documents and POCs to aid researchers planning collaborative work.
- At the request of the NRAC, Dr. Maddox has been leading and participating in briefings with the Air Force Surgeon General (SG), Lt Gen Dorothy Hogg, to discuss the way forward for storing and disseminating samples and data collected as a part of the Air Force Health Study (Ranch Hand Study), a 20-year study supported by Congress to assess the effects of Agent Orange (AO). As a member of NRAC and with USU's support, Dr. Maddox is working with VA, and the AF to see that the samples (more than 90,000, including whole blood, adipose tissue, serum, and semen) from a cohort exposed to AO and a control cohort, continue to be preserved and shared with the scientific community for medical research. At the invitation of the Air Force Surgeon General's Office, Pentagon, VPR recently participated in the second meeting with the SG staff and research staff of the VA and the National Academy of Sciences (NAS) to discuss further the ownership and disposition of samples from the Air Force Health Study. The group met with the NAS to determine the way forward for storing and disseminating samples and data collection which had been under the purview of the NAS. The

VA has agreed to provide some financial support for storing the samples. Discussions will need to continue as there is still the question of where the samples will be stored in the future.

- VPR participated in the 2019 MHSRS Symposium in various capacities as session moderators and presenters. VPR also hosted research networking meetings at the MHSRS to foster collaborations in the areas of regenerative medicine, student fellowships and STEM diversity training. AVP/TRI co-moderated a session at MHSRS on “Predictive Analytics,” which focused on data management and artificial intelligence (AI). Research employing AI applications for DOD medical studies were highlighted. Speakers from the Services and academic institutions presented on 10 diverse areas of analytics covering predictive suicide, from social codes in the EHR, validating the VA storm opioid risk, predicting occurrence of acute hypotensive episodes, to DHA analytics. The session was highlighted with a presentation by Dr. Terry Adirim, Deputy Assistant Secretary of Defense, Health Services Policy and Oversight, who spoke about bringing the MHS into the future through advanced analytics. As a follow up to last year’s MHSRS, VPR hosted a “Meet Research at USU” Information Dissemination Room at the Symposium. This “Meet and Greet” opportunity also involved several lunch sessions, in which VPR/USU researchers and staff met with researchers and research administrators, representing dozens of research organizations.
- AVP/TRI presented at the Federal Precision Medicine Technical Exchange in Washington, DC on genomics education challenges and solutions for the DoD medical community. Attended by all armed services, federal agencies, industry and academia; the presentation was part of an effort to highlight and enhance collaboration among the participants.
- VPR, in enhancing relationships with the Service Academies, toured the United States Air Force Academy (USAFA) in Colorado Springs. The USAFA staff scheduled meet and greet tours of the Life Sciences Center, Dean and Faculty Offices, and Research Laboratories. A meeting with Health Profession Cadets was held to discuss research areas of interest for collaboration, as well as academic opportunities at the USU.
- VPR senior staff met with Dr. Sean Biggerstaff, the Acting Director, J-9, at his request. The purpose of the meeting was to identify ways in which the research/financial enterprise across DHP and J-9 could be more efficient, and how USU/VPR might play an enhanced role in the necessary collaborative relationship. An outcome of the meeting was the decision to appoint a J-9 liaison to be assigned to USU. A liaison has been identified to help J-9 better understand the USU research landscape and to assist with required requests (taskers), processes and procedures. Dr. Tanisha Hammill will be the liaison, and she will be meeting, regularly, with VPR leadership
- VPR co-hosted with USU West, the third Strategic Planning Activity in San Diego on October 23, 2019. A significant agenda item was to host a session devoted to suicide, organized by Dr. Bruce Doll. This session included such topics as policy, prevention, ongoing activities involving suicide within Veterans Affairs, the soon to be released DoD Suicide Prevention Strategy for FY2020-2023, and research projects being conducted by member organizations which focused on identifying the cause/s of suicide and strategies for prevention and treatment of suicidality.

3. Personnel and Research Infrastructure

- **IRB Concerns.** The Office of the Deputy Assistant Secretary of Defense (DASD), HRP&O Research Regulatory Oversight Office (R2O2) conducted an on-site assessment of the USU Human Research Protection Program (HRPP). They will complete the document/protocol review portion in January 2020. The outcome of this assessment will be a decision regarding the renewal of the USU DoD Assurance of Compliance that permits the university to conduct human subjects' research. The preliminary findings presented to President Thomas on December 18, 2019, were very positive. The Director R2O2 identified the need for additional government staff to address the inherently government responsibilities of the HRPP; a standardized University-wide Scientific Review policy for review of human research protocols; and a formal USU HRPP Post Approval Compliance Monitoring Program that conducts on-site monitoring of research protocols. A final decision regarding the Assurance will be made by the end of January 2020, and is expected to be positive in conferring a full three-year assurance.
- **Animal Care and Use Issues.** USU Laboratory Animal Medicine Department & AFRRI Veterinary Services Division Merger is now complete. In the fall 2018 - USU Laboratory Animal Medicine (LAM) department and AFRRI Veterinary Services Division (VSD) leaders recognize enterprise-wide benefits to merging the animal care and use programs, and began exploring options for organizational structure and efficient use of combined space and resources. The 2019 timeline took the following approach:

1 March - Merger proposal submitted to Vice President for Research (VPR) for review/approval.

26 March - Merger proposal submitted to Office of the President, USU for review/approval.

1 April - President Thomas signed memorandum approving the merger.

21 May - Notice provided to union regarding merger.

4 June - Implicit approval of merger by union (via failure to respond).

22 July - Official merger of LAM and VSD into the Department of Laboratory Animal Resources (DLAR).

The integration of LAM and VSD into DLAR ensures that all animal welfare regulations, policies, and procedures are adhered to uniformly throughout the USU Campus. Furthermore, the integration is in line with the DOD's guidance on promoting efficiencies and that the structure, mission, and functional responsibilities of both departments will promote long-term organizational and cost efficiencies.

- **Personnel Hiring Needs.** Several recruit and fill requests are pending in CHR. VPR has a critical need to hire a Scientific Review Officer to lead and coordinate ad hoc and panel peer reviews for USU investigators. The full-time position was approved over two years ago.

4. Funding/Budget Estimate/Fiscal Impact

- **ILIR Funding.** The RDT&E medical research programs included in SOC 193 and targeted for budget cuts reflects a \$4.093M in "In House Laboratory Independent Research (ILIR)." The approximately \$ 4.0 M ILIR reduction removes all support for ILIR and will grossly impact

faculty recruitment and retention, research training for military medical students and resident fellows and will curtail any opportunities for uniformed and non-uniformed faculty researchers to collect pilot data towards military relevant medical research projects in infectious disease, military operational medicine and combat casualty care. Without continued intramural funding, funds that have been previously targeting feasibility funding by VPR for high priority research will no longer be available. Projects supported with these funds concentrate on research to better understand and prevent diseases and conditions that plague our male and female warfighters as well as to identify new diagnostics and treatments to improve health, readiness and performance. In particular, the Infectious Disease Clinical Research Program (IDCRP) has been a leader in developing vaccines to reduce the mortality and morbidity caused by emerging infections such as Zika, Ebola and new strains of influenza. Most recently, a Presidential Executive Order called out the IDCRP as part of a future requirement on Influenza vaccine development, as part of a multi-site vaccine study. The military women's health program is a consortium of researchers and research projects comprised of teams of over 2 dozen military and civilian investigators, representing several MTFs, who will all be affected by the elimination of funding. The consortium is the only one of its kind in the military health system and supports research to improve the medical needs of female service members who are deployed in austere environments.

- **Extramural Awards.** The extramural research budget continued to increase in Q4 of FY19. Initial review and analysis indicates USU received 169 awards totaling \$251,777,619 in FY19, a 20.87% increase over FY18.

Board Action Requested: None needed at this juncture.

TAB 27

*Office of Accreditation and
Organizational Assessment Report*

Uniformed Services University of the Health Sciences Board of Regents

Board Brief

Submitted by: Stephen J., Henske, MHA **Date:** 08 Jan 2020
Asst. VP, Accreditation & Org. Assessment

Department: Office of Accreditation **Phone** 301-295-3681

Purpose: **Information** X **Action:** None

Subject: Semi-Annual Report

Significant accreditation/inspection notifications to acknowledge since the Feb 2020 Report.

1. Working in conjunction with the Executive Dean of the Postgraduate Dental College and in response to the Substantive Change Policy and Procedure of the Middle States Commission on Higher Education (MSCHE), USU Office of Accreditation submitted the Keesler Substantive Change Package notifying them that the Master's of Science Degree in Oral Biology was no longer going to being offered at Keesler AFB effective July 1, 2020.
2. The Commission on Dental Accreditation (CODA) notified the Commander/US Army Dental Activity Ft. Gordon that the Advanced Specialty Education Programs in Endodontics, Periodontics, and Prosthodontics were all approval for reaccreditation without any reporting requirements, respectively. The next accreditation site visit is scheduled in 2020.
3. On January 8, 2020 the Society for Simulation in Healthcare Accreditation officially notified the University they received a full five (5) year accreditation to the National Capital Region Simulation Consortium and the Uniformed Services University in the areas of "Assessment, Research, Teaching/Education and Systems Integration".
4. The Accreditation Council for Graduate Medical Education (ACGME) accreditation is scheduled in 2022.
5. At the annual Middle States Commission (MSCHE) Conference held on Dec 9-11, 2019, Dr. Elizabeth H. Sibolski summarized the progress that the Commission has made during her tenure which will end on June 30, 2020. Dr. Heather F. Perfetti will assume the presidency on July 1, 2020.



MIDDLE STATES COMMISSION ON HIGHER EDUCATION

2019-2020 ACCREDITATION UPDATE



Accreditation Report: Summary Current Events

- MSCHE: Keesler AFB Substantive Change
- NCR Simulation Consortium and USU accredited for 5 years in January 2020
- Committee on Accreditation of Healthcare Management Education (CAMHE) Site visit 11 -13 March 2020
- Upcoming 2020 reaccreditation site visits: AAALAC (Lab Animal); CODA/Ft. Gordon (Dental); and CEPH (Public Health).
- MSCHE President change: Dr. Perfetti replaces retiring Dr. Sibolski -July 2020
- Written Report error: CODA reaccreditation Ft. Gordon Endo, Perio and Prosthodontics Programs Not completed yet - upcoming this year

Main Themes at Annual Conference

- Expectations for Institutional Governance, Leadership & Administration
- Innovating for Student Success
- Accreditation's role in Institutional Transformation for Student Outcomes
- Elevating and sustaining the Institution's Assessment Game
 - Emphasis made in each of the seven MSCHE standards
 - Student Outcome assessments >>>>> Strategic Initiatives
- Assessing Distance Learning: Using the MSCHE Nine Hallmarks of Quality

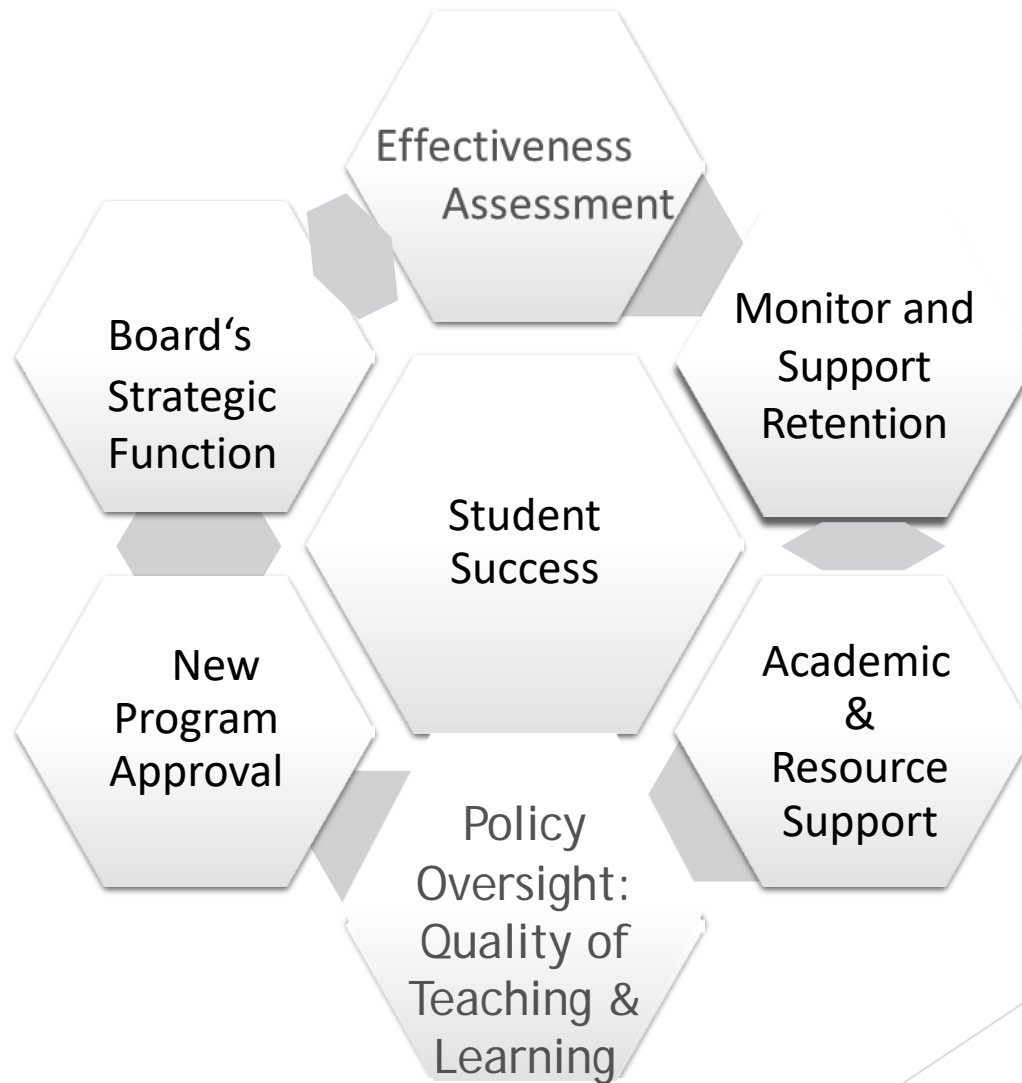
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- Elevating and sustaining the Institution's Assessment Game
 - Emphasis made in each of the seven MSCHE standards
 - Student Outcome assessments >>>>> Strategic Initiatives
- Assessing Distance Learning: Using the MSCHE Nine Hallmarks of Quality

Standard VII: Governance, Leadership, and Administration

The institution is governed and administered in a manner that allows it to realize its stated mission and goals in a way that **effectively benefits** the institution, **its students**, and the other constituencies it serves. Even when supported by or affiliated with governmental, corporate, religious, educational system, or other unaccredited organizations, the institution has education as its primary purpose, and it operates as an academic institution with appropriate autonomy.

Board's Role



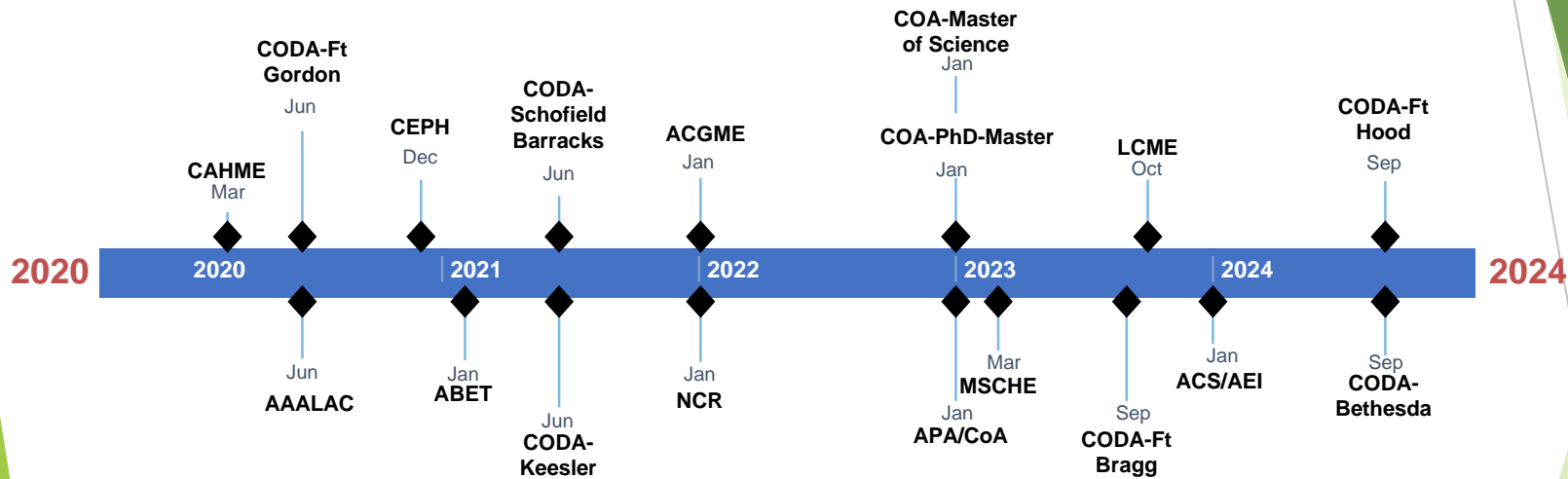
Accreditation's Role in Catalyzing Transformation

- ▶ Shift the conversation from the institution's experience to the student's experience.
- ▶ Play a leadership role in developing a more refined and clearly targeted data framework that still takes into consideration institutional context
- ▶ Defining what a "credential of value" looks like
- ▶ Be intentional in integrating accreditation and student success efforts from the \Self-Study design forward
- ▶ Use accreditation's focus on assessment to link faculty to student success work and build faculty engagement in leading forward the formation of a culture of teaching and learning excellence.

Dr. Karen Stout, President/CEO, Achieving the Dream

7

USU Accreditation Timeline



TAB 28

Office of the University Registrar Report

Uniformed Services University of the Health Sciences

Board of Regents

Board Brief

Submitted by: Wendy Kutchner, Ed.D, M Ed.

Date: January 20,2020

Title & Department: AVP, Academic Records and University Registrar

Phone: 301-295-1667

Purpose: Information X

Action

Subject: Academic Records Update

Significant Issues:

1. Registrar Concept of Operations (Reg ConOps) – This draft document was introduced by Chris Shoemaker and Allen Middleton in June 2019 to the schools/colleges in an attempt to document the accountabilities required of a centralized registrar’s office. Moreover, this initiative is intended to break down silo systems identified as problematic with MSCHE accreditation. Additionally, this cultural change will provide a way forward so that USU can optimize the student information system to function properly with standardized policies.

Over the past six months, the Registrar’s Coordination Committee (RCC) has reviewed the Reg ConOps with difficulty given the perceived lack of commonality between the four schools and colleges. The absence of one academic authority has created significant challenges with this initiative; however, the ongoing conversations have netted a greater understanding of student records and policy similarities between the schools and colleges. One of one meetings between OUR and the schools/colleges has proven successful with explicit samples of how OUR will protect and interact with all program students. CAHS is resistant to following the centralized model based on a plan of the former Dean to separate all student record functionality from currently established USU systems. The final Reg ConOps draft will be brought to Dr. Thomas during the month of February 2020 and is needed to succeed with SIS re-implementation (see section #3).

2. Student Information System Vulnerability – On 11 January 2020, OCIO discovered a vulnerability by a “red team” employee of USUHS/DoD that allows access to student data without need of an account. This means that if a person knows how to navigate the

particulars of the specific database structure of USUHS, they could theoretically have open access to all student data including PII without ever logging in or needing an account. This exploit also allows a theoretical attacker to re-write data as they see fit. There has been no indication so far of any outside parties using this exploit, but it presents a vulnerability that requires prompt addressing in order to prevent a breach of student data including PII.

OCIO is actively working with the vendor to close these loopholes as soon as possible. There are some fixes OCIO is able to make through security settings, but the ultimate fix will have to be programmatic from the vendor.

The first priority is to implement security settings that help minimize the vulnerability, second is to work with the vendor to correct the vulnerability, and finally to review access activity on the database to pro-actively and more comprehensively confirm that this vulnerability has not been exploited by outside parties. Registrar (OUR) is acting as the generic Empower user to troubleshoot solutions and report to OCIO any issues discovered by other areas of the University.

As a result of initial changes by OCIO, there have been issues with the online applications. Given the timing of the problem, CAHS has been the only college impacted. OCIO and OUR are actively working with the software vendor to resolve the unintended consequences of the system updates.

3. Empower re-implementation – USUHS reviewed both Admissions and Registrar systems with the vendor in October and November 2020 to correct the Student Information System and have determined that no changes should be made until USUHS creates and implements policy to support the new SIS structure. After significant data mapping and setup, the SIS will be redeployed using new policies to guide the input of reportable data documenting the students' academic career from admissions to graduation on the student records. While not all programs use the same processes, the recording of student academic milestones leading to graduation must be documented in the SIS. The RCC priorities will focus on the policies and procedures requiring adjustment in the SIS such as but not limited to security, academic year range, terms, graduation dates, transfer credit equate tables, student cohort coding, degree audit requirements, course numbering, grading tables, repeat rules for GPA, course scheduling, and registration to name the most significant topics. The goal is for the RCC in 2020 is to review and create policy and procedures that speak to the USUHS governance needed for MSCHE accreditation. OUR will lead implementation with the SIS. School/Colleges will socialize new policy within their departments and OUR will hold training sessions within departments during implementation.

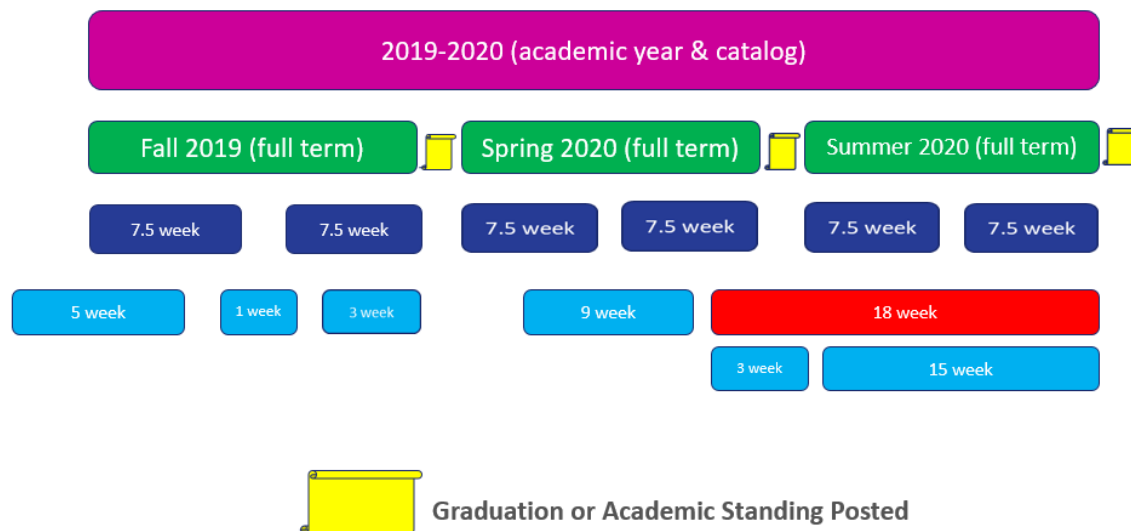
Reporting from the SIS is problematic due to the structure setup and has required the enactment of a reporting tool called Business Intelligence (BI) to extract and manipulate data in a user friendly fashion. OUR has started to work with Empower and OCIO to identify which of the 2500 data elements in the SIS need to be placed in BI. The new reporting environment will provide increased accuracy for internal and external report requests as well

as the ability to review current data errors that require edits in the SIS and mapping to convert into a new SIS environment. Dashboard reporting will also be built out for end users within the Schools/Colleges to pull data on demand. Additional staffing resources have been identified for OUR to assist with the technology work needed in this area using HJF.

Policies and procedures can be complex when reviewing the correct data structure. Below is a visual look into the desired structure for academic terms in the SIS (see table 1). Currently USUHS has both semester and quarter terms which result in some of the following problems:

1. Credit hour calculations require a different term structure even if they following the same dates.
2. Reporting will never merge for university calculations.
3. Courses cannot be shared with those in semester systems (students or faculty view).
4. Students cannot be coded in both term structures or they become system duplicates.
5. Most institutions are semester which requires transfer credit calculation for credits.
6. Naming convention of terms increase and make it more difficult for the end user to locate data within the SIS (student, faculty, staff).
7. Empower processes are built to auto calculate based on date ranges in sequential order. Having both semester and quarter terms that overlap has eliminated the ability to use system logic.
8. Student registration setup defaults to the incorrect term creating student confusion.
9. Teaching load reports will not work with two different term structures.
10. Transcript GPAs are incorrect when the student moves between semester and quarter terms.

Table 1- Semester Flexibility and Updated Graduation Cycle



Current and Future Concerns: DoD regulations may impact the delivery methods available for the technology.

Funding/Budget Estimate/Fiscal Impact: Empower (SIS) solutions will require new funding.

Staffing Impact: Technology and OUR staffing will have increased responsibility.

Board Action Requested: Support of academic policy plan and software funding.

TAB 29

*Office of the Vice President for
Finance and Administration Report*

**Uniformed Services University of the Health Sciences
Board of Regents**

Board Brief

Submitted by: Walter W. Tinling

Date: 07 January 2020

Title & Department: Vice President, Finance & Administration

Phone: 295-3083

Purpose: Information ☒

Action ☐

Subject: Resource Management Report

Significant Issues:

Enactment of the FY2020 DoD Appropriation provides USU greater clarity for resource planning. We received a 30-day automatic apportionment of funds in late December, and anticipate receiving full 2nd Quarter O&M and full-year RDT&E funding on or about late January.

USU will face resource challenges in the upcoming fiscal years due to the budget and programmatic reductions stemming from the Defense Wide Review (discussed below). The changes were incorporated in the Department's FY2021 President's Budget submission, so we now await the Congressional budgetary deliberations as to whether the changes will be implemented.

Current and Future Concerns:

Budget: The DoD FY2020 budget did not include funding for a pay raise (assumption was 0%), so USU must now rebudget internally to cover the federal civilian personnel pay raise (3.52% in the National Capital Area). The pay raise affects General Schedule and Wage Grade employees, but not Administratively Determined personnel, and is estimated at ~\$1.5M in FY2020.

Additional budgetary adjustments are being incorporated for cost growth in civilian personnel, contractor personnel, and student travel, and other fact-of-life changes such as increased DFAS and Audit costs. Offsets will be implemented in areas not directly impacting student education programs.

Audit: At the Kearney & Co. FY2019 year-end audit brief, USU had the best performance among the DHP components, although much work continues to be done. Sample requests that require the provision of older documents continue to be a problem (e.g., if a FY2019 payment invoice for a multiyear award was sampled, the auditors could request all documents including the base

award and all modifications/adjustments). As time goes on, record pulls involving documents from earlier years such as FY2015 and FY2016 will abate, and USU will be providing documents from more recent years in which the audit requirement standards were known.

IG Assessment: A copy of the IG final report on the assessment of USU-HJF interactions for the ASD(HA) was received by USU in mid-December. The IG report agreed with all recommendations for which USU agreed to update its SOPs for improved process documentation. The IG report did not agree on several recommendations in which USU cited specific statutory and regulatory authorities supporting its procedures. USU awaits final ASD(HA) review of the report and decisions.

Defense Wide Review: The DWR reductions in FYDP 2021-2025 included reductions of:

- \$90M O&M (\$10M in FY2021 and \$20M/year in FY2022-FY2025) and
- \$24M/year in RDT&E FY2021-FY2025.

The reductions are programmatic and are expected to continue in subsequent years (e.g., FY2026 and beyond). USU is evaluating the impact of these changes, as well as awaiting final Congressional decision on these Department-proposed reductions.

Fiscal Guidance Reduction: USU's O&M program was reduced in the budget cycle based on Fiscal Guidance shortfalls, \$3.4M in FY2021 and \$3.0M in FY2022.

Staffing Impact:

Staffing continues to be challenging in the finance and acquisition departments. This is of particular concern as USU prepares for the Procurement Management Review scheduled for March 2020.

We continue to make slow, but steady progress in filling its critical hiring actions for new faculty and staff positions.

Board Action Requested:

No Board action requested at this time.

"For Information Only"
COMPARISON OF ANNUAL APPROPRIATIONS
As of 31 December 2019
'(\$000)

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>
Object Class						<u>Plan</u>
O&M						
Personnel Compensation	\$ 67,844	\$ 65,312	\$ 64,167	\$ 88,122	\$ 64,174	\$ 75,092
Personnel Benefits	\$ 19,950	\$ 18,914	\$ 19,082	\$ 23,368	\$ 18,516	\$ 20,600
Severance Pay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ 7,010	\$ 8,447	\$ 8,515	\$ 9,245	\$ 8,958	\$ 8,822
Transportation	\$ 32	\$ 255	\$ 261	\$ 214	\$ 271	\$ 276
Rent, Comm & Utilities	\$ 965	\$ 1,223	\$ 1,250	\$ 512	\$ 1,303	\$ 1,329
Printing	\$ 35	\$ 26	\$ 26	\$ 26	\$ 28	\$ 29
Other Services	\$ 38,196	\$ 34,875	\$ 34,879	\$ 51,351	\$ 47,045	\$ 46,981
Supplies	\$ 7,896	\$ 9,845	\$ 11,053	\$ 10,397	\$ 10,795	\$ 10,924
Equipment	\$ 6,459	\$ 5,874	\$ 6,734	\$ 5,658	\$ 6,639	\$ 6,734
Land and structures	\$ 8,208	\$ 18,403	\$ 16,957	\$ 10,986	\$ 12,147	\$ 12,307
Grants/Stipends	\$ 54,884	\$ 60,035	\$ 68,714	\$ 45,892	\$ 51,150	\$ 30,013
Financial Transfer	\$ -	\$ -		\$ -	\$ -	\$ -
Claims	\$ 12	\$ -	\$ -	\$ -	\$ -	\$ -
Total O&M	\$ 210,051	\$ 223,209	\$ 231,638	\$ 245,771	\$ 221,026	\$ 213,107
Procurement	\$ 5,898	\$ 3,362	\$ 6,603	\$ -	\$ 435	\$ 452
Carryover	\$ 6,148	\$ 42,074	\$ 6,440	\$ -	\$ -	\$ -
RDT&E, DHP	\$ 56,651	\$ 76,718	\$ 97,732	\$ 90,996	\$ 125,456	\$ 113,487
RDT&E, GDF	\$ 65,161	\$ 50,181	\$ 84,230	\$ 83,457	\$ -	\$ -
JIF - NO YEAR FUNDS	\$ -	\$ -	\$ 186	\$ -	\$ 1,988	\$ -
GRAND TOTAL	\$ 343,909	\$ 395,544	\$ 426,829	\$ 420,224	\$ 348,905	\$ 327,046

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Supplement