



RESEARCH GUIDELINES

POSTGRADUATE DENTAL COLLEGE

JANUARY 2018

Guidelines

Research is a requirement of all students enrolled in Master of Science programs within the Postgraduate Dental College. Completion of research requirements as well as all didactic and clinical requirements of the individual residency program is essential for graduation and award of the Master of Science in Oral Biology degree.

Each student will work with a primary mentor of his or her choice. This mentor is usually selected in consultation with the student's Program Director. In addition, each student must select a committee of not less than two additional faculty advisors to provide additional expertise and guidance.

The objective of the research requirement is to ensure development of master clinicians who understand basic research processes. The resultant knowledge is intended to facilitate informed assessment of the professional literature, and to foster improved decision making in an evidence-based environment. Within this framework, each student is expected to: select an appropriate research topic; identify a suitable research question; conduct a thorough review of the associated literature; describe the methods and materials required to answer the prescribed research question; determine an appropriate sample size using accepted methods (including consultation with a statistician); complete the investigation with concurrent collection of data; apply appropriate statistical analysis/analyses to examine the data; document the research effort in a thesis or publishable paper format as determined in consultation with the student's research committee; successfully present research results in a public forum; and complete all University documentation requirements.

Individual Service Schools will maintain information regarding research protocols, review and approval documents, progress reports, and adverse event records pertaining to human subject research. Each Service School will employ the Institutional Review Board (IRB) of the sponsoring medical treatment facility (MTF). Each student will provide a completed research proposal and USU Form 3202D Dental Postgraduate Project (3202D) within one week of project approval, which usually occurs within the first year of the residency program.

Prior to graduation, individual students will present research findings in a forum approved by their Program Directors and Service Deans. Written documentation of research must be provided in thesis format (<http://usuhs.libguides.com/ThesisDissertationGuide>) or in manuscript form as prescribed for the targeted professional publication. Additional research guidelines may be found on the University's Learning Resource Center web page (<https://usuhs.libguides.com/c.php?g=168231>).

An electronic version of the final thesis or manuscript must be forwarded to the Associate Dean for Dental Research before 30 June of the graduation year. The completed document will be reviewed within the Postgraduate Dental College and forwarded to the

Learning Resource Center (LRC) for archiving in electronic format. A signed statement of copyright must accompany the thesis or manuscript ([Student Copyright Statement](#)), along with a copy of the research approval page signed by the student's primary research mentor and all members of the research committee ([Research Approval](#)).

It is important to note that presentations and/or manuscripts based upon the student research must be approved by the applicable Service and the University prior to delivery/submission. University approval may be requested in coordination with local approval. The form for requesting University approval is appended to this document ([Manuscript Approval and Clearance](#)).