Curriculum Reform at USU: Molecules to Military Medicine

Introduction to the New Curriculum
Class of ‘18

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Assistant Dean for Curriculum
14 April 2014
# Overview of Pre-Clerkship Period (First 18 months)

<table>
<thead>
<tr>
<th>Orientation Week</th>
<th>Fundamentals of Military Medical Practice</th>
<th>and Leadership</th>
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</thead>
<tbody>
<tr>
<td>Anatomic Laboratory</td>
<td>GI, Hepatobiliary, Nutrition &amp; Metabolism</td>
<td>Reproduction &amp; Endocrinology</td>
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<tr>
<td>System/Disease Based Units</td>
<td>Neuro-Anatomy Lab</td>
<td>Multi-System Diseases</td>
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<td>Military Medicine (Continuum)</td>
<td>Cardio Pulmonary Renal</td>
<td>(correlating with System/Disease Units)</td>
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<tr>
<td>Military Field Exercise</td>
<td>Neuro-Anatomy</td>
<td>(correlating with System/Disease Units)</td>
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<tr>
<td>Case-Based Learning</td>
<td>Clinical Skills &amp; Experiences</td>
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<tr>
<td>Clinical Skills &amp; Experiences</td>
<td>Vacation</td>
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**Timeline:**
- **2014:**
  - August
  - September
  - October
  - November
  - December
- **2015:**
  - January
  - February
  - March
  - April
  - May
  - June
  - July
  - August
  - September
  - October
  - November
  - December

**Leave Dates:**
- **2014:**
  - July
- **2015:**
  - August
  - September
  - October
  - November
  - December
Overview of Core Clerkships – 52 weeks
Starts 2\textsuperscript{nd} Half, MS-II Year & Extends to 1\textsuperscript{st} Half, MS-III Year

- Pre-Clerkship Lead-Up Training (1 week)
- Common Assessment Weeks (1 week each)
- Vacation (1 week in Spring; 2 weeks in Winter)
- Clinical Rotations (16 Week Segments Comprising Core Rotations--5 weeks each--plus 1 Week of Combined Testing)

60 students in each 16-week block; 20 students in each 5-week rotation, likely spread over 5 core sites; 4 students/rotation at each site
### Pairing of Core Clerkships (16 Week Blocks)*

| Vertical (Science Based) Emphasis: Microbiology, Immunology, Embryology |
|-----------------------------|-----------------------------|-----------------------------|
| **Family Medicine** (5 weeks) | **Pediatrics** (5 weeks) | **Selective/EM/Neurology** (4 weeks) |

| Horizontal (Clinical) Emphasis: Health Maintenance, Preventive Medicine, Domestic Violence |

| Vertical (Science Based) Emphasis: Pharmacology, Biochemistry, NeuroAnatomy |
|-----------------------------|-----------------------------|
| **IP/OP Medicine** (10 weeks) | **Psychiatry** (5 weeks) |

| Horizontal (Clinical) Emphasis: Palliative Care, Substance Abuse, Geriatrics |

| Vertical (Science Based) Emphasis: Gross Anatomy, Pathology, Physiology |
|-----------------------------|-----------------------------|
| **Surgery** (10 weeks) (Gen Surgery and Core Subs: Ortho/Urology/Vascular/CT/Burn) | **OB/GYN** (5 weeks) |

| Horizontal (Clinical) Emphasis: Surgical Skills, Informed Consent, Breaking Bad News, Team Trng |

- **Common Assessment Weeks** (shelf/written exams, OSCE, basic sciences, travel)
- **Week of Combined, FM-Peds Training** (at Sim Center & USU)

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*Note: Goal is to provide at least 1 block (16 wks) of geographic continuity per student. Location (and occasionally content) of continuity blocks may vary from student to student.*
# Overview of Post-Clerkship Period

Step Exams / Bench-to-Bedside & Beyond (B3) / Advanced Clinical Rotations

Military Contingency Medicine / Capstone Opportunity

<table>
<thead>
<tr>
<th>Jan 2017</th>
<th>Feb-Mar</th>
<th>Apr ‘17</th>
<th>Sept ‘17</th>
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<tbody>
<tr>
<td>Step I Prep &amp; Exam</td>
<td>Bench to Bedside &amp; Beyond (B3)</td>
<td>&lt;--- STEP 2 EXAM² ---&gt;</td>
<td>Advanced Clinical Rotations¹ (4 Week Blocks)</td>
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<td>Oct ‘17</td>
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<td>May ‘18</td>
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<td>MCM³</td>
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<td>Advanced Clinical Rotations¹ (4 Week Blocks)</td>
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**General Notes:**
--- Advanced Clinical Rotations includes traditional Sub-Internships, clinical electives, operational/humanitarian rotations, and/or specialized research (to include work on a Capstone Project).

**Specific Notes:**
1. Advanced Clinical Rotations—includes a Neuroscience Rotation (Neurology, Neurosurgery or Pediatric Neurology) for students not previously completing neurology. Also includes 2 Sub-Internships (one medical, one surgical) for all students and an Emergency Medicine rotation (if not already done).
2. Step II CK between April & Sept of MS-IV year; Step II CS to be completed NLT Nov of MS-IV year.
3. Military Contingency Medicine –Includes Operation Bushmaster (MFP 202)
4. Capstone Projects are expected to require a minimum of 3 months to complete. Depending on student interests and/or the type of Capstone Project, work may start earlier and proceed in a contiguous or non-contiguous (i.e. asynchronous) time frame. Regardless of the Capstone Project, all students will average at least 8 hrs of patient care activities/wk.
Questions?

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