Year 3 Family Medicine Clerkship
Clerkship description by Scottie Eliassen (MEC)
Summary of Student Comments by Tom Frandsen DMS 4)
Additional metrics prepared by David Nierenberg, MD

January 18, 2011
Organization of Clerkship Review

1. Description of clerkship (Scottie Eliassen)
2a. Faculty status of teachers at all sites
2. Comments from student evaluations end-of-clerkship AY 2009-10 (student)
3. Scores from student evaluations AY 2009-10
4. Student evaluations on AAMC Graduate Survey 2010
5. Shelf exam AY 2009-10
6. USMLE Step 2 CK results AY 2009-10
7. Students selecting FM as a career choice 2008-10
8. Specific competency tasks taught and assessed
9. Essential clinical skills
10. Essential conditions and diagnoses
1. Description of Clerkship

- Provided by Scottie Eliassen
1a. Faculty Status of Teachers at All Sites AY 2010-11

- The clerkship is offered at 35 different sites, mostly offices of private physicians or physician groups
  - “Continuous sites”: 6 sites take 6+ students per year (one per block or more)
  - “Frequent sites”: 4 sites take 3-5 students per year (one for most blocks)
  - “Occasional sites”: 21 sites take 1-2 students per year
  - “Inactive sites”: 4 sites did not take any students last year or this year
  - Obvious issues of “faculty development” and updating at so many sites!
- Those 35 sites have 57 preceptors who take primary responsibility for teaching, and who are responsible for evaluation and grading of clerkship students
- Of those 57 preceptors, at present 33 have faculty appointments:
  - 11 regular line (including 5 right here at DHMC/CHC)
  - 22 adjunct line (for community-based faculty)
  - 13 will expire at the end of this year, will need re-appointment
- Of the 24 faculty who do not have current appointments at DMS:
  - 9 were new last year (mostly at DH sites in the South)
  - 2 are new this year
2. Summary of Student Evaluation Comments and Suggestions, 2009-10

- Provided by Tom Frandsen, DMS 4
<table>
<thead>
<tr>
<th>Student Clerkship Evaluation Summary 2009/10</th>
<th>Overall quality of clerkship experience</th>
<th>Value of clerkship as an introduction to the field</th>
<th>Patient volume encountered</th>
<th>Variety of diagnoses encountered</th>
<th>Overall willingness of attending to offer constructive and helpful feedback</th>
<th>Clarity of grading policy</th>
<th>Quality and effectiveness of formal didactic sessions</th>
<th>Value of call nights as a learning experience</th>
<th>Overall quality of teaching by my attending(s)</th>
<th>Overall quality of teaching by my resident(s)</th>
<th>Opportunities to practice hands-on skills</th>
<th>Availability of faculty to discuss my personal learning needs</th>
<th>Last Year's Means</th>
<th>Difference</th>
<th>Diversity of patient socioeconomic backgrounds encountered in this clerkship</th>
<th>Diversity of patient cultural backgrounds encountered in this clerkship</th>
<th>Mean score for Diversity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inpatient Medicine*</td>
<td>4.41</td>
<td>4.44</td>
<td>4.20</td>
<td>4.19</td>
<td>4.28</td>
<td>4.09</td>
<td>4.25</td>
<td>N/A</td>
<td>4.22</td>
<td>4.31</td>
<td>3.21</td>
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<td>0.10</td>
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<td>4.13</td>
<td>4.31</td>
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<td>3.73</td>
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<td>4.46</td>
<td>N/A</td>
<td>3.86</td>
<td>4.43</td>
<td>4.11</td>
<td>3.93</td>
<td>0.18</td>
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<td>2.68</td>
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<td>Neurology</td>
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<td>4.35</td>
<td>3.84</td>
<td>3.89</td>
<td>4.16</td>
<td>3.76</td>
<td>3.58</td>
<td>N/A</td>
<td>4.37</td>
<td>4.25</td>
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<td>4.24</td>
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<td>3.49</td>
<td>4.36</td>
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<td>4.04</td>
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<td>3.69</td>
<td>3.76</td>
<td>4.03</td>
<td>3.95</td>
<td>4.55</td>
<td>4.05</td>
<td>4.02</td>
<td>4.02</td>
<td>4.00</td>
<td>0.02</td>
<td>3.81</td>
<td>2.66</td>
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<tr>
<td>Family Medicine</td>
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<td>4.43</td>
<td>4.40</td>
<td>4.11</td>
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<td>3.68</td>
<td>3.25</td>
<td>N/A</td>
<td>4.21</td>
<td>3.67</td>
<td>3.73</td>
<td>4.37</td>
<td>4.02</td>
<td>4.00</td>
<td>0.02</td>
<td>4.06</td>
<td>3.86</td>
</tr>
<tr>
<td>OB/GYN</td>
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<td>4.21</td>
<td>3.93</td>
<td>3.81</td>
<td>3.45</td>
<td>3.67</td>
<td>3.93</td>
<td>3.55</td>
<td>3.87</td>
<td>3.71</td>
<td>3.63</td>
<td>4.01</td>
<td>3.80</td>
<td>3.98</td>
<td>-0.18</td>
<td>3.84</td>
<td>3.55</td>
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<tr>
<td>Surgery</td>
<td>3.72</td>
<td>3.90</td>
<td>3.71</td>
<td>3.22</td>
<td>3.29</td>
<td>3.49</td>
<td>3.29</td>
<td>3.25</td>
<td>3.79</td>
<td>3.78</td>
<td>3.29</td>
<td>3.48</td>
<td>3.48</td>
<td>3.75</td>
<td>-0.27</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
* See worksheet with combined values
| MEAN                                        | 4.13                                  | 4.26                                          | 4.07                       | 3.91                          | 4.01                                                        | 3.73          | 3.80                                                         | 4.44                                            | 4.21                                                       | 3.96                                                       | 3.62                                                      | 4.21                                                        | 3.97          | 3.93          | 0.04                                                        | 3.90                                                        | 3.18          | 3.54          |
| Change                                     | -0.04                                 | 0.03                                          | 0.11                       | 0.11                          | 0.05                                                        | 0.04          | 0.08                                                         | -0.26                                           | -0.08                                                      | -0.08                                                      | -0.03                                                     | 0.13                                                        | 0.16          | 0.34          | 0.37                                                        | 0.34                                                        | 0.37          | 0.37          |
4. Clinical Education – Quality (AAMC GS 2010)

Rate the quality of your educational experience in the following clerkships:

1=Poor   2=Fair   3=Good   4=Excellent

Pediatrics: Dartmouth 09 = 3.4, Dartmouth 10 = 3.3, All Schools 10 = 3.3
Psychiatry: Dartmouth 09 = 3.6, Dartmouth 10 = 3.4, All Schools 10 = 3.3
Radiology:  Dartmouth 09 = 3.2, Dartmouth 10 = 2.9, All Schools 10 = 2.9
Surgery:   Dartmouth 09 = 2.9, Dartmouth 10 = 3.0, All Schools 10 = 3.3
3. Clinical Education – Quality (AAMC GS 2010)

Rate the quality of your educational experience in the following clerkships:

1 = Poor  2 = Fair  3 = Good  4 = Excellent

- Family Medicine: Dartmouth 09 (3.1), Dartmouth 10 (3.2), All Schools 10 (3.3)
- Internal Medicine: Dartmouth 09 (3.5), Dartmouth 10 (3.6), All Schools 10 (3.5)
- Obstetrics & Gynecology: Dartmouth 09 (3.1), Dartmouth 10 (3.1), All Schools 10 (3.1)
- Neurology: Dartmouth 09 (2.7), Dartmouth 10 (3.3), All Schools 10 (3.0)
1. I received clear learning objectives for the clerkship.
2. My performance was assessed against the learning objectives.
3. I had an opportunity to follow a variety of patients (with different medical conditions).
4. Faculty members provided me with sufficient feedback on my performance.
A faculty member personally observed me taking a patient history during the clerkship.

A faculty member personally observed me performing physical examinations during the clerkship.
### Performance of First-Time Takers During the 2009-2010 Academic Year

**8/1/2009 – 7/31/2010**

Medical School: 030010 Dartmouth Medical School

<table>
<thead>
<tr>
<th>Candidate Group</th>
<th>Academic Year Clerkship Rotations</th>
<th>Number of Examinees</th>
<th>Total Test Mean (SD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-Time Takers From Your School</td>
<td>All Clerkship Rotations</td>
<td>73</td>
<td>77.3 (8.4)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>All Clerkship Rotations</td>
<td>8,604</td>
<td>73.9 (8.0)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>4 Week Rotations</td>
<td>3,533</td>
<td>74.0 (7.9)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>6 Week Rotations</td>
<td>2,919</td>
<td>74.1 (8.0)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>8 Week Rotations</td>
<td>1,110</td>
<td>73.2 (7.5)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>Combined Rotations</td>
<td>587</td>
<td>73.4 (7.7)</td>
</tr>
<tr>
<td>Comparison Group*</td>
<td>Traditional Rotations</td>
<td>6,700</td>
<td>73.9 (7.9)</td>
</tr>
</tbody>
</table>

* The comparison group includes first-time takers from LCME-accredited medical schools who took this examination as a final clerkship examination administered under standard testing time.
1-Immunologic Disorders and Diseases of the Blood
1-Cardiovascular Disorders
1-Diseases of the Respiratory System
1-Nutritional & Digestive Disorders
1-Diseases of Skin and the Nervous and Musculoskeletal Systems
1-Gynecologic, Obstetric and Endocrine and Metabolic Disorders
2-Health and Health Maintenance
2-Mechanisms of Disease
2-Diagnosis
2-Management
3-Ambulatory
4-Male
4-Female
4-Geriatric
6. USMLE STEP 2 CK RESULTS (AY 2009-10)
(Note: no score currently reported in this area)

<table>
<thead>
<tr>
<th>Year</th>
<th>MED</th>
<th>OB-GYN</th>
<th>PEDS</th>
<th>PSYCH</th>
<th>SURG</th>
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<tbody>
<tr>
<td>2001-2</td>
<td>0.15</td>
<td>0.40</td>
<td>0.10</td>
<td>0.25</td>
<td>0.20</td>
</tr>
<tr>
<td>2002-3</td>
<td>0.20</td>
<td>0.00</td>
<td>-0.15</td>
<td>0.20</td>
<td>0.10</td>
</tr>
<tr>
<td>2003-4</td>
<td>0.23</td>
<td>0.17</td>
<td>0.15</td>
<td>0.17</td>
<td>0.23</td>
</tr>
<tr>
<td>2004-5</td>
<td>0.27</td>
<td>0.47</td>
<td>0.13</td>
<td>0.45</td>
<td>0.25</td>
</tr>
<tr>
<td>2005-6</td>
<td>0.33</td>
<td>0.25</td>
<td>0.05</td>
<td>0.27</td>
<td>0.27</td>
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<tr>
<td>2006-7</td>
<td>0.25</td>
<td>0.33</td>
<td>0.13</td>
<td>0.43</td>
<td>0.23</td>
</tr>
<tr>
<td>2007-8</td>
<td>0.1</td>
<td>0.27</td>
<td>-0.1</td>
<td>0.11</td>
<td>0.14</td>
</tr>
<tr>
<td>2008-9</td>
<td>0.27</td>
<td>0.33</td>
<td>0.13</td>
<td>0.3</td>
<td>0.23</td>
</tr>
<tr>
<td>2009-10</td>
<td>-0.07</td>
<td>-0.02</td>
<td>-0.18</td>
<td>0.12</td>
<td>-0.2</td>
</tr>
<tr>
<td>Mean (3)</td>
<td>0.10</td>
<td>0.19</td>
<td>-0.03</td>
<td>0.18</td>
<td>0.06</td>
</tr>
</tbody>
</table>
7. Students pursuing residency in Family Medicine for last three graduating classes 2008-2010

- DMS Match to Family Medicine 2008-2010: 3.7%
- National Match to Family Medicine 2008-10: 7.1%
8. Specific competency tasks taught and assessed

- Still awaiting grid from clerkship directors
- However, I know from conversations that this clerkship is interested in all six broad competency domains, and I anticipate their grid will be quite deep and broad
9. New Recommendations for Clinical Skills

- **Essential clinical skills** (e.g. oral presentation of ambulatory encounter, n=40)
  - Will be highlighted in DMEDS for emphasis
  - An essential part of the clerkship experience
  - Will be formally assessed for competency at end of clerkship
  - Meeting the learning target is expected of each student
  - Clinical grade will be based in part on meeting these learning targets

- **Recommended skills** (e.g. pap smear, n=5)
  - Have learning targets attached, but meeting target is not expected for each one
  - Learning these skills will provide greater breadth to your clerkship experience

- **Additional useful skills** (e.g. simple casting, n=1)
  - Can be checked off in DMEDS, but no or minimal learning targets have been attached
  - Will be useful to you when you begin your internship
## 9. Essential Clinical Skills (revised and updated)
(with input from Cathy Morrow and Scottie Eliassen)

<table>
<thead>
<tr>
<th>#</th>
<th>Area</th>
<th>Skill</th>
<th>Target 2010-11</th>
<th>Mean 2010-11 after 4 blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Interview</td>
<td>HPI relevant to this clerkship</td>
<td>40</td>
<td>95</td>
</tr>
<tr>
<td>2</td>
<td>PE</td>
<td>HEENT exam</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Rectal exam</td>
<td>2</td>
<td>5.4</td>
</tr>
<tr>
<td>4</td>
<td>Counseling</td>
<td>Screen for domestic abuse</td>
<td>1</td>
<td>1.8</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Nutrition and diet</td>
<td>2**</td>
<td>15.8</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Shared decision making</td>
<td>4</td>
<td>9.1</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Exercise</td>
<td>2**</td>
<td>15.4</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Weight change/loss</td>
<td>2**</td>
<td>7.1</td>
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<tr>
<td>9</td>
<td>Procedure, simple</td>
<td>Incise and drain abscess</td>
<td>1</td>
<td>1.2</td>
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<tr>
<td>10</td>
<td>Written notes and presentations</td>
<td>Oral presentation, clinic visit</td>
<td>40</td>
<td>71.5</td>
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<tr>
<td>11</td>
<td></td>
<td>Written SOAP note, clinic visit</td>
<td>12**</td>
<td>46.6</td>
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</tbody>
</table>
10. New Recommendations for Diagnoses and Conditions

- **Core, essential conditions** (e.g. hypertension, n=10)
  - Will be highlighted in DMEDS for emphasis
  - An essential part of the clerkship experience
  - Meeting the learning target is expected of each student
  - Clinical grade will be based in part on meeting these learning targets

- **Recommended conditions** (e.g. xxx)
  - Have learning targets attached, but meeting target is not expected for each one
  - These will provide greater breadth to your clerkship experience

- **Additional useful conditions** (e.g. palpitations, n=1)
  - Can be checked off in DMEDS, but no or minimal learning targets have been attached
  - Will be helpful to you to see this and be familiar with it when you begin your internship
10. New Essential Diagnoses and Conditions (proposed) (thanks to Jessie Reynolds and Scottie Eliassen)

<table>
<thead>
<tr>
<th>#</th>
<th>Area</th>
<th>Condition/Diagnosis</th>
<th>Target 2010-11</th>
<th>Mean 2010-11</th>
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<tbody>
<tr>
<td>1</td>
<td>Routine health/prevention</td>
<td>Health maintenance &gt;18</td>
<td>10</td>
<td>21.6</td>
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<td>2</td>
<td>Systemic conditions</td>
<td>Chronic pain</td>
<td>2</td>
<td>4.4</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Obesity</td>
<td>5</td>
<td>7.4</td>
</tr>
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<td>4</td>
<td>CV System</td>
<td>Hypertension</td>
<td>10</td>
<td>16.2</td>
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<tr>
<td>5</td>
<td>CT and MS Systems</td>
<td>Back pain</td>
<td>5</td>
<td>8.6</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Joint pain (unspecified)</td>
<td>5</td>
<td>9.1</td>
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<tr>
<td>7</td>
<td>Dermatology</td>
<td>Aggregated from whole system</td>
<td>5**</td>
<td>23.6</td>
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<tr>
<td>8</td>
<td>Endocrine/metabolism</td>
<td>DM (Type I or II)</td>
<td>5</td>
<td>12.1</td>
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<tr>
<td>9</td>
<td></td>
<td>Hyperlipidemia</td>
<td>5</td>
<td>9.2</td>
</tr>
<tr>
<td>10</td>
<td>EENT System</td>
<td>Aggregated from whole system</td>
<td>10</td>
<td>21.0</td>
</tr>
<tr>
<td>11</td>
<td>GI System</td>
<td>Aggregated from whole system</td>
<td>10</td>
<td>19.6</td>
</tr>
<tr>
<td>12</td>
<td>Kidney/urinary System</td>
<td>Aggregated from whole system</td>
<td>2**</td>
<td>6.2</td>
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<td>Depression</td>
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<td>Respiratory System</td>
<td>Asthma, wheezing</td>
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<td>4.1</td>
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<td>15</td>
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<td>COPD, emphysema</td>
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<td>3.5</td>
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