Graduate Medical Education
2015-16 GME Annual Report
Annual Institutional Report

CUSOM Faculty Senate Committee
October 11, 2016

Carol M. Rumack, MD
DIO and Associate Dean for GME
University of Colorado School of Medicine
University of Colorado School of Medicine
Graduate Medical Education

- 19th largest of 792 institutions (# residents)

- Largest of 14 sponsoring institutions in CO

- Trains 76% of total residents/fellows in CO
• Oversees and provides support to approximately:
  – 182 Training Programs
    • 30 ACGME Residencies
    • 69 ACGME Fellowships
    • 83 Non-ACGME Fellowships
  – 140 PDs
  – ~ 90 PCs & 1500 Faculty

Institutional Continued Accreditation 2016
No Citations

ACGME NAS Institution Self-Study Date
October, 2025
GME Programs

# of GME Residency & Fellowship Programs

<table>
<thead>
<tr>
<th>Year</th>
<th>Residency</th>
<th>Fellowship</th>
<th>Non-ACGME</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-13</td>
<td>24</td>
<td>60</td>
<td>57</td>
</tr>
<tr>
<td>2013-14</td>
<td>26</td>
<td>61</td>
<td>55</td>
</tr>
<tr>
<td>2014-15</td>
<td>28</td>
<td>62</td>
<td>59</td>
</tr>
<tr>
<td>2015-16</td>
<td>28</td>
<td>65</td>
<td>71</td>
</tr>
<tr>
<td>2016-17</td>
<td>30</td>
<td>69</td>
<td>83</td>
</tr>
</tbody>
</table>
CU School of Medicine
Graduate Medical Education

Enrollment – Data & Trends
GME Total Enrollment

- 2012-13: 720 (1007)
- 2013-14: 741 (1030)
- 2014-15: 764 (1070)
- 2015-16: 791 (1111)
- 2016-17: 810 (1143)

ACGME Residency: 228, 243, 259, 268, 274
ACGME Fellowship: 59, 46, 47, 52, 59
Non-ACGME: 760, 795, 763, 774, 772
Primary Care vs. Specialty Enrollment

% of Total Enrollment

2012 (1007) 2013 (1030) 2014 (1070) 2015 (1111) 2016 (1143)

Primary Care 70% 70% 74% 71% 72%
Specialty 30% 30% 26% 29% 28%

2016-17 Primary Care Enrollment = 319
Family Medicine, Internal Medicine, IM/Peds, Pediatrics

- Internal Medicine 163
- Pediatrics 82
- Swed FM 18
- Rose FM - 18
- UCH FM 30
- IM/Peds - 8
Under-Represented Minority Enrollment

% of Total Enrollment (N=1143)

- Vietnamese (1)
- Mixed URM (11)
- Hawaiian/Pacific Native (0)
- Hispanic/Latino (47)
- American Indian/Alaskan Native (3)
- African American (32)

Total Enrollment

- 2012-13: 5% (59/1007)
- 2013-14: 6% (67/1030)
- 2014-15: 7% (76/1070)
- 2015-16: 7% (87/1111)
- 2016-17: 8% (94/1143)
CU School of Medicine
Graduate Medical Education

Graduate Satisfaction –
GME 2016 Graduate Survey Results
GME Graduate Survey
Overall Satisfaction with Training Program

<table>
<thead>
<tr>
<th>Year</th>
<th>Very Dissatisfied</th>
<th>Mostly Dissatisfied</th>
<th>Satisfied</th>
<th>Mostly Satisfied</th>
<th>Very Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>9%</td>
<td>6%</td>
<td>13%</td>
<td>66%</td>
<td>18%</td>
</tr>
<tr>
<td>2013</td>
<td>30%</td>
<td>34%</td>
<td>34%</td>
<td>34%</td>
<td>26%</td>
</tr>
<tr>
<td>2014</td>
<td>34%</td>
<td>35%</td>
<td>49%</td>
<td>34%</td>
<td>21%</td>
</tr>
<tr>
<td>2015</td>
<td>10%</td>
<td>35%</td>
<td>49%</td>
<td>34%</td>
<td>21%</td>
</tr>
<tr>
<td>2016</td>
<td>16%</td>
<td>34%</td>
<td>46%</td>
<td>34%</td>
<td>21%</td>
</tr>
</tbody>
</table>

Overall, the satisfaction levels have remained consistent with a slight increase in the 'Very Satisfied' category from 18% to 21% over the years.
Program Graduates (337)
Training Program Recommendations

- Very likely
- Likely
- Somewhat likely
- Not too likely
- Not at all likely

GME Graduate Survey
Housestaff Report of Professional Treatment
2015

> 87% Positive
- Patients
- GME Office
- Nursing

> 90% Positive
- Attendings in own program & other programs
- Residents in own program & other programs
- Medical Students
- Program Director & Program Coordinator
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Graduate Medical Education

Professional Plans After Graduation
GME 2016 Graduate Survey Results
2016 Primary Care (93/337)
Practice Locations After Graduation

- Colorado: 63%
- Denver Metro: 57%
- US - not CO: 32%
- Internat'l: 1%
- Other: 4%

Trending Primary Care Graduates Planning to Practice in CO:
- 2011-12: 72%
- 2012-13: 60%
- 2013-14: 55%
- 2014-15: 61%
- 2015-16: 63%
2016 Specialties (244/337) Practice Locations After Graduation

- US - not CO: 45%
- Colorado: 49%
- Denver Metro: 42%
- Other: 7%

Trending Specialty Graduates Planning to Practice in CO:
- 2011-12: 48%
- 2012-13: 42%
- 2013-14: 36%
- 2014-15: 43%
- 2015-16: 49%
Resident/Fellow Financial Debt

<table>
<thead>
<tr>
<th>Year</th>
<th>&gt;$300K</th>
<th>&gt;$200K</th>
<th>$100-199K</th>
<th>&lt;$100K</th>
<th>No Debt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>15%</td>
<td>23%</td>
<td>45%</td>
<td>12%</td>
<td>17%</td>
</tr>
<tr>
<td>2012-13</td>
<td>13%</td>
<td>34%</td>
<td>32%</td>
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<td>21%</td>
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Accreditation and Compliance
GMEC - Ongoing Oversight
Faculty Eval of Resident within 2 weeks following each rotation

Institutional Quarterly Compliance (%)

- **EXPECTATIONS:**
  - 80%-100% timely
  - Evaluations in MedHub
  - Completed Quarterly at a Minimum

- Q1-Q4 AVG: 52%, 57%
- 14-15
- 15-16
- Nat'l Benchmark = 80%
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Graduate Medical Education

Resident/Fellow Learning & Working Environment

Clinical Learning Environment Review (CLER) Visit – August, 2014
CLER Initiatives

Patient Safety Successes

Intern & Resident Orientation now include experiential learning in the following QI/PS categories:

- Practiced safety event reporting
- Focused learning regarding safe and effective patient hand-offs
- Professionalism interactive lectures by behavior/legal experts
2016 Resident Incentive Plan created, (effective 7/1/2016) requires Safety Event Reporting & Hand Hygiene

RCA experience is an available opportunity for incoming fellows, as well as for all residents

UCH Clinical Effectiveness Patient Safety (CEPS) Small Grants funded 5 resident-led teams conducting UCH quality or safety projects
Quality Improvement Successes

GMEC Housestaff Quality & Safety Council has been developed and collaborates with the University of Colorado Institute for Healthcare Quality, Safety & Efficiency

Transitions of Care Successes

2015 & 2016 Orientation – All residents receive specific education about effective patient hand-offs

2015-2016 – some ACGME programs adopted the I-PASS hand off system

Supervision Successes

Resident supervision policies are now provided to key hospitals for their use to inform hospital staff of supervision levels required for defined procedures
CLER Initiatives

Duty Hours, Fatigue Management & Mitigation

Continued monitoring.

Program action plans for GMEC review are required when a trend in violations is noted.

Professionalism Successes

2015 & 2016 Intern/Resident Orientation included interactive lectures by behavior/legal experts

Office of Professionalism (established 2014) provides outreach to programs
Faculty Senate Committee
Opportunities for Improvement

1. Nurse/Resident Communication - Improved
2. Timely Evaluations of Residents - Improved
3. Diversity