CAMPEP Accredited Programs

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Member – CAMPEP Board of Directors since January 2010

August 1st 2011

What is CAMPEP?

www.campep.org

• CAMPEP Accredits Graduate, Residency & Continuing Education Programs
• These programs have to meet high standards that CAMPEP establishes in partnership with its sponsoring organisations (AAPM, ACMP, ACR, COMP)

The Board

Board of Directors

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Chair, Graduate Education Program (ex officio)
Bruce Thomadsen
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Chair, Continuing Education (ex officio)

Who Does all the Work?

• Graduate Education Program Review Committee (GEPRC)
  Chair Ed Jackson

• Residency Education Review Committee (REPRC)
  Chair Bruce Gerbi

• Continuing Education Committee (CEC)
  Chair Bruce Thomadsen
### Accreditation Requirements

- For graduate, residency & CE programs:
  - Information at [www.campep.org](http://www.campep.org)

### Accreditation Process

- Focus on Graduate & Residency Programs
  - Complete self-study document
  - Relevant committee reviews the self-study and reports back to program
  - Program responds as appropriate
  - Site visit survey team assembled by committee chair and site visit scheduled

### Accreditation Process ctd.

- Focus on Graduate & Residency Programs
  - Survey team (senior physicists & physician)
  - Site visit for survey team to meet with folk involved with the program (administrators to student/residents) and takes 1 – 2 days
  - Survey team reports back to relevant review committee
  - Committee chair then makes recommendation to the Board for a vote
  - Outcome is usually 3 year initial accreditation with 2 year extension on satisfactory annual report submission

### Maintaining Accreditation

- Annual reports
- Renewal after first 5 years is by resubmission of the self-study document reflecting program snap-shot at that time
- Site visits usually only on alternate reaccreditations
Current Accredited Program Status
As of July 2011

- Graduate Education Programs
  - Current Programs \( n = 34 \)
  - Pending Programs \( n = 6 \)
  - Initial Inquiries \( n = 4 \)
- Residency Education Programs
  - Therapy
    - Current: \( n = 46 \)
    - Pending: \( n = 13 \)
  - Imaging
    - Current: \( n = 6 \)
    - Pending: \( n = 1 \)

Annual Survey Graduate Programs

- First performed in summer 2010 (reporting year 2009)
- SDAMPP also implemented a survey
- CAMPEP/SDAMPP agreed to harmonize to reduce reporting requirements on program directors
- Opportunity for unaccredited programs to contribute data

Annual Survey 2009(2010) Data

- 23(30) CAMPEP accredited programs responded
- 6(5) non-CAMPEP accredited programs
- 28(31) offered MS
- 21(22) offered PhD
- 20(19) offered both
- 8(12) offered MS only
- 1(3) offered PhD only
- 0(1) offered DMP

Annual Survey Data

Enrollment / Graduates

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- MS/MSc</td>
<td>333</td>
<td>431</td>
</tr>
<tr>
<td>- PhD</td>
<td>345</td>
<td>458</td>
</tr>
<tr>
<td>- Total</td>
<td>678</td>
<td>889</td>
</tr>
<tr>
<td>Graduates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- MS/MSc</td>
<td>147</td>
<td>168</td>
</tr>
<tr>
<td>- PhD</td>
<td>63</td>
<td>69</td>
</tr>
<tr>
<td>- Total</td>
<td>210</td>
<td>237</td>
</tr>
</tbody>
</table>
### Annual Survey 2009 Data

<table>
<thead>
<tr>
<th>Graduate Destination</th>
<th>MS/MSc</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entered RT Physics Residency</td>
<td>15 (12.1%)</td>
<td>10 (16.4%)</td>
</tr>
<tr>
<td>Entered Imaging Residency</td>
<td>2 (1.6%)</td>
<td>3 (4.9%)</td>
</tr>
<tr>
<td>Junior Med Phys Job</td>
<td>62 (50%)</td>
<td>18 (29.5%)</td>
</tr>
<tr>
<td>Another Degree</td>
<td>22 (17.7%)</td>
<td>0 (0.0%)</td>
</tr>
<tr>
<td>Industry</td>
<td>3 (2.4%)</td>
<td>5 (8.2%)</td>
</tr>
<tr>
<td>Post-Doc Position</td>
<td>16 (26.2%)</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>20 (16.1%)</td>
<td>9 (14.8%)</td>
</tr>
</tbody>
</table>

### Annual Survey 2010 Data

<table>
<thead>
<tr>
<th>Graduate Destination</th>
<th>MS/MSc</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entered RT Physics Residency</td>
<td>20 (12%) +5</td>
<td>22 (32%) +12</td>
</tr>
<tr>
<td>Entered Imaging Residency</td>
<td>3 (2%) +1</td>
<td>4 (6%) +1</td>
</tr>
<tr>
<td>Junior Med Phys Job</td>
<td>75 (47%) +13</td>
<td>12 (18%) -6</td>
</tr>
<tr>
<td>Another Degree</td>
<td>22 (14%) -2</td>
<td>2 (3%) +2</td>
</tr>
<tr>
<td>Industry</td>
<td>8 (5%) +5</td>
<td>7 (10%) +2</td>
</tr>
<tr>
<td>Post-Doc Position</td>
<td>14 (21%) -2</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>33 (20%) +13</td>
<td>7 (10%) -2</td>
</tr>
</tbody>
</table>

### CAMPEP Accredited Residency Program Capacity

- **Therapy**
  - Current plus pending programs = 59
  - Average residency completion rate is 1.2 per program per year
  - Estimated output therefore is 71 per year (2013)

- **Imaging**
  - Estimated output from 7 programs is 8-9 per year

### Conclusion

- CAMPEP accredited residency program output in 2013 will be ~71/y therapy, ~9/y imaging
- Number of residency program numbers are growing at ~10/y currently
- By 2015 expect ~95 therapy residency completions and by 2020 this could be ~155