RADIOLOGIST TRAINING
“THE GOOD, THE BAD, BUT NOT THE UGLY”
APPLICANTS
Total Number of Applicants 2000-2010
MOST COMPETITIVE RESIDENCIES
<table>
<thead>
<tr>
<th>PGY-1 Program</th>
<th>Applicants/position</th>
<th>% Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Radiation Oncology</td>
<td>7.4</td>
<td>100.0</td>
</tr>
<tr>
<td>2 Dermatology</td>
<td>7.1</td>
<td>100.0</td>
</tr>
<tr>
<td>3 Thoracic Surgery</td>
<td>6.3</td>
<td>100.0</td>
</tr>
<tr>
<td>4 Radiology-Diagnostic</td>
<td>5.6</td>
<td>98.0</td>
</tr>
<tr>
<td>5 Preventive Medicine</td>
<td>4.3</td>
<td>100.0</td>
</tr>
<tr>
<td>6 Physical Medicine &amp; Rehab</td>
<td>4.2</td>
<td>95.1</td>
</tr>
<tr>
<td>7 Vascular Surgery</td>
<td>3.5</td>
<td>100.0</td>
</tr>
<tr>
<td>8 Transitional</td>
<td>3.3</td>
<td>96.1</td>
</tr>
<tr>
<td>9 Neurology</td>
<td>3.2</td>
<td>99.5</td>
</tr>
<tr>
<td>10 Medicine (Preliminary)</td>
<td>2.8</td>
<td>95.3</td>
</tr>
</tbody>
</table>
Mass General Imaging
2011-2014 Residents

Fourth Year Residents
Sheela Agarwal  Brian Bronzo  Connie Chang  Shlomit Goldberg-Stein  Scott Hunter  Angelos Konstas  Hillary Kelly  Mansi Saksena  Michele

*Chief Residents

Third Year Residents
Gregory Czuczman  Alexander Ding  Lilian Ebuoma  Florian Fintelmann  *Siddharth Govindan  *Sharjeel Sabir  Matthew Schmitz  Baiju Shah  *F. Joseph Simeone

Second Year Residents
Debbie Bennett  Carson Campe  Michael Cooley  Amy delPolly  Jeremy Heit  Luke Hoagland  Kathryn Humphrey  Keith Quencer  Yingbin

First Year Residents
David Chow  Pragya Dang  Andrew Gunn  Harlan Harvey  Christine Kassis  Taj Kattapuram  Nina Mukhopadhyay  Milena Petranovic  Rahul Sheth
WHERE DO OUR RESIDENTS COME FROM?
Where are our Residents from?
ADDITIONAL DEGREES
Current Residents’ additional degrees N=38

Degrees

MBA

MS

JD

PhD
STANDARD CURRICULUM

- Core rotations
  Years 1-3
- Focused year
  March – 3rd
  February – 4th
  Will change to 4th year
<table>
<thead>
<tr>
<th>Speciality</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear Medicine</td>
<td>4 months</td>
</tr>
<tr>
<td>Thoracic</td>
<td>3 months</td>
</tr>
<tr>
<td>Neuroradiology</td>
<td>3 months</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>3 months</td>
</tr>
<tr>
<td>Vascular</td>
<td>3 months</td>
</tr>
<tr>
<td>Musculoskeletal</td>
<td>2 months</td>
</tr>
<tr>
<td>Cardiac</td>
<td>1 month</td>
</tr>
</tbody>
</table>
CORE CURRICULUM (cont’d)

ER 2 months
Interventional 2 months
  • MSK
  • Chest
  • Abdomen
## CORE CURRICULUM (cont’d)

<table>
<thead>
<tr>
<th>Modality</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultrasound</td>
<td>2 months</td>
</tr>
<tr>
<td>MRI (Body)</td>
<td></td>
</tr>
<tr>
<td>MSK</td>
<td>1 month</td>
</tr>
<tr>
<td>Chest &amp; Abdomen</td>
<td>1 month</td>
</tr>
<tr>
<td>MEEI</td>
<td>1 month</td>
</tr>
<tr>
<td>AFIP</td>
<td>4 weeks</td>
</tr>
<tr>
<td>Breast</td>
<td>3 months</td>
</tr>
</tbody>
</table>
ACGME REQUIREMENTS
– WHAT’S NEW

Era of regulation
CURRICULUM -
6 COMPETENCIES

• Patient care
• Medical knowledge
• Practice based learning and improvement
• Interpersonal and communication skills
• Professionalism
• Systems based practice
6 COMPETENCIES

• Teach
• Practice performance measures
ACGME – DUTY HOURS
WHAT OUR RESIDENTS ACCOMPLISH

Scholarly Activity
Classes 2009 – 2012 (38)
Site Visit Data
32 publications, abstracts, exhibits
Resident Awards and Leadership Appointments (2000-2010)

- 3 Resident Representatives
  MMS--ACR

- 2 ACR Moorefield Fellowships

- 6 RSNA Resident Research Awards

- Resident Representative
  RRC

- Resident Rep RSNA Committee

- 2 Resident REPS-AMA
AFTER RESIDENCY – WHAT DO THE RESIDENTS DO?
2002 - 2010
After Residency - What do they do?

Data 2002-2010

- Fellowship: 90%
- Other: 10%
After Fellowship - What do they do?

- Academics: 65%
- Private Practice: 35%

2002-2009
THE NEW
ABR EXAMINATION
EOF: Core Exam Overview

- At 36 months of DR residency
- Covers all of DR
  - Comprehensive
  - Must pass every category to qualify for certifying examination
  - Level of knowledge expected: basic/intermediate
EOF: Core Exam Categories

- **Organ Systems* (10):**
  - Breast, Cardiac, Endocrine/Reproductive, Gastrointestinal, Musculoskeletal, Neuro, Pediatric, Thoracic, Urinary, Vascular

- **Modalities (6):**
  - Rad/fluoro, CT, MR, Nuclear/Molecular, US, Interventional

- **Fundamentals (2):**
  - Physics, patient safety

* Clinically relevant anatomy, pathophysiology, etc
EOF: Core Exam
Effects on Training Programs

- ABR-RRC meeting yearly
- All residents exposed to every clinical category to be tested
- Board prep displaced into 3rd year
- Structure of 4th year
  - Smaller programs—may be no change
  - Larger programs—may be competition for highly sought clinical subspecialties
HOW ARE WE PREPARING?

• Focused year
• Task force
• Integration of physics into clinical teaching
RESOURCES
STATE OF PROGRAM

- Well regarded
- Excellent success in match
- Focused year – advantage
- Retention of residents as faculty
- Academic productivity of residents
- Success finding a position