UPDATE ON THE AAPM

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President - AAPM, 2017
DISCLOSURES

• None
LEARNING OBJECTIVES

- Become familiar with the current structure of the AAPM
- Become familiar with the current activities of the AAPM
- Become familiar with current challenges to the profession of Medical Physics and the AAPM
CURRENT AAPM STRUCTURE

- 4 Councils
  - Administrative, Education, Professional, Science

- Executive Committee (EXCOM)
  - President-Elect, President, Chair of the Board, Treasurer, Secretary, Executive Director
  - This is the group that makes day-to-day decisions for the AAPM

- Strategic Planning Committee (SPC)
  - Comprehensive review of the strategic plan
  - Evaluate progress towards achieving objectives
CURRENT AAPM STRUCTURE

- Finance Committee
- Calibration Laboratory Accreditation Executive Committee
- Board of Directors (49 members)
  - 38 Voting Members
    - EXCOM (5) + 1 Member from each Chapter (21) + Members-at-large (12)
  - 11 Non-voting Members
    - Council Chairs and Vice-Chairs (8) + ED (1) + AIP Rep (1) + Rules Committee Chair (1)
AAPM Members & Committees

- AAPM Profile:
  - 8,675 members (average age: 47)
  - 5,935 Full Members (average age: 47)
  - 29.5 staff
  - 287 committees
    - 1,550 committee members (26.12% of eligible members)
AAPM Committees

- AAPM Committees by Council are:
  - Administrative Council: 56 Committees
  - Educational Council: 35 Committees
  - Professional Council: 26 Committees
  - Science Council: 155 Committees
  - Board of Directors: 16 Committees
Administrative Council Priorities

- Government Relations
  - CRCPD Activities and QMP Registry
- Improving Meeting Coordination
- Implementing TG-100
- What is the Role of AAPM in International Activities?
- AAPM – Chapters: Improving collaboration and Communication
- Developing Synergy with our Corporate Partners
- Improving Member Services
Education Council Priorities

- Develop strategies for encouraging the establishment of more residency programs, especially in imaging physics
  - Address education and certification needs for Medical Nuclear Physicists
- Educational needs for developing future scientists in Medical Physics
- Improve online content for medical physicists’ education and maintenance of certification
- Develop / improve resources for the teaching of residents in radiation oncology and imaging
- Improve resources for public education on the value of medical physicists
Professional Council Priorities

- Develop Medical Physics Practice Guidelines
- Evaluate the impact of Medicare reimbursement proposals
- Review the structure of the PC
  - Suggest split along Professional and Clinical priorities
- Update the Scope of Practice for Medical Physicists in light of Medical Physicist Assistants
- Continue efforts to better define Medical Physicist workforce needs for the future
- Continue efforts with the MPLA and Medical Physics 3.0 to improve the leadership of Medical Physicists
Science Council Priorities

- Improve / continue mentorship programs for young scientists
- Improve task group review / publication process
- Develop liaisons with NCI and other funding agencies to improve research funding of medical physicists
- Develop a Technology Assessment Center at AAPM to attract research and development funds
- Create a database of research funding of AAPM members and establish metrics to evaluate the success of AAPM efforts
PROGRAMS & SERVICES

- Administrative Support for the Board and Executive Committee
- Staff support to councils and committees
- Logistical support for committee meetings and teleconferences
- Administrative support for Medical Physics & JACMP
PROGRAMS & SERVICES

- Management of registration, logistics and exhibits for the Spring Clinical, Summer School, Annual Meeting and other meetings
- Management of the production process for the Online Membership Directory, Newsletter, Task Group reports and other publications
- Staff support in the legislative and regulatory affairs and economics area
American Association of Physicists in Medicine
2015 Actual Revenue
$9,657,221

- Membership Services: 21%
- Publications: 32%
- Education/Professional Development: 35%
- Committee Projects: 7%
- Other: 5%
- Administrative Services: 0%
American Association of Physicians in Medicine
2015 Operating Expenses (Allocated)
$9,917,357

- Committee Projects: 25%
- Publications: 18%
- Education/Professional Development: 28%
- Overhead: 12%
- Membership Services: 7%
- Governance: 3%
- Administrative Services: 4%
- Other: 2%
## Membership by Specialty

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<th>Specialty</th>
<th>Male</th>
<th>Female</th>
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<tr>
<td>Rad Sfty/HP</td>
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<tr>
<td>Nuc Med</td>
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<tr>
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<tr>
<td>Therapy</td>
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<td>1023</td>
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## MEMBERSHIP BY SPECIALTY

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Percentage</th>
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<tr>
<td>Therapy</td>
<td>75.7%</td>
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<tr>
<td>Diagnostic</td>
<td>18.9%</td>
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<tr>
<td>Nuclear Medicine</td>
<td>2.7%</td>
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<tr>
<td>Rad Safety/Health Physics</td>
<td>2.7%</td>
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CURRENT CHALLENGES TO OUR PROFESSION

1. Changing payment models for Radiation Oncology
2. Increased Qualifications for Physicists from Accreditation Bodies - The Joint Commission, ACR, IAC, etc.
3. Decreased Pool of Qualified Medical Physicists - Number of Residencies does not currently meet need for Residency Trained Physicists
CURRENT CHALLENGES TO OUR PROFESSION

4. Mismatch between Imaging Physics Residency positions and need for non-academic based Qualified Physicists.

5. Female and other minority representation in Medical Physics today.

6. Leadership Academy Training and Medical Physics 3.0

7. Need(?) for Medical Physicists Assistants and delineations of their duties
The Number One challenge for the AAPM at this point is the Governance Structure of the organization which will be presented and discussed in the next presentation.
QUESTIONS & DISCUSSION