AAPM

nuts & bolts
an insider’s view

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Conflict of Interest

• None to declare
• But know
  • I am a member of the following societies:
    • AAPM and ASTRO
    • I am currently on the AAPM Board Of Directors
Learning Objectives

course outline

• review how to volunteer
• review some resources on the AAPM website
  • www.aapm.org
• review some basic AAPM history and facts
Thank You’s

• Numerous colleagues and mentors
• Special thanks (sharing information and slides)
  • John Boone
  • Melissa Martin
  • Todd Pawlicki
  • Jessica Clements
  • AAPM HQ: Angela Keyser, Michael Woodward, Farhana Khan, Lisa Schober
AAPM Member Benefits

Membership Services and Benefits

- Membership Dues and Benefits for 2016 (pdf)
- AAPM Career Services - Latest Listings
- AAPM Surveys (including Professional Survey)
- Liability Insurance: Mercer Health & Benefits Administration LLC (formerly Marsh Affinity Group Services a service of Seabury & Smith, Inc.)
- Information on other insurances provided to AIP member societies through APSIT - The American Physical Society Insurance Trust (via Pearl Insurance)
- Member Directory
- Benefits provided to you on membership by AIP
- Online ICRU Publications
- Online NCRP Publications
- Virtual Library
What INSPIRES you?
Why get involved?

• Networking
  • mentor and be mentored

• Learn skills
  • how to manage (or how not to)
  • organizational skills
  • leadership skills
  • financial skills

• It is your profession
  • understand the internal and external forces affecting our profession

• Give back
How to get involved?

- Your local chapter
- Watch the “Yellow Book” ads
- Attend committee meetings
- Propose an idea for a new committee, subcommittee, or WG
- Email the chair and/or vice-chair - ask to be added as a committee guest
- Look for other opportunities outside the general committee structure – one example is being a summer undergraduate fellowship mentor
  - [http://www.aapm.org/education/SUFP/default.asp](http://www.aapm.org/education/SUFP/default.asp)

adapted from Jessica Clements’ slide
Committee Statistics

- active committees: 284
- number of volunteers:
  - 1501 or ~25% of membership (based on 5863 full members)
- committee classifieds (aka ‘yellow book’)
  - email blast at the beginning of each month

<table>
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<th>Date</th>
<th>Role</th>
<th>Committee</th>
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<tr>
<td>2016-06-09</td>
<td>Question Writer for the ABR Clinical Part 1 Exam</td>
<td>ABR Part 1 Clinical Physics Exam</td>
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<td>2016-05-25</td>
<td>Liaison to the ARRT Breast Sonography Exam Committee</td>
<td>Medical Physics Education of Allied Health Professionals</td>
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<tr>
<td>2016-01-21</td>
<td>Practice Guideline Chair</td>
<td>Subcommittee on Practice Guidelines</td>
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http://www.aapm.org/aapm_advertising/committee_classifieds/classifieds.asp
An example committee webpage
How to get involved?

Ok you are shy and want to lurk but still want to see what it’s all about.

*What should AAPM be working on?*

*How can the organization better serve you?*

Attend the Annual Business Meeting and Town Hall Meeting on

*Wednesday, August 3rd from 6:15 PM - 7:30 PM*

in Ballroom B of the Convention Center
What does your profile look like online?
Membership/Affiliation:
Full as of 7/13/1978
Joined AAPM on 10/25/1974

Chapter Membership:
Mid-Atlantic [primary]

Specialization/Certification:
Primary Specialization: Radiation Oncology
Secondary Specialization: Rad Safety/Health Physics

Specialization:
- Diagnostic Radiology
- Radiation Oncology
- Nuclear Medicine
- Magnetic Resonance
- Rad Safety/Health Phys
- Engineering
- Ultrasound
- Other

Certifications
- ABR: Radiological Physics

Awards
- 2014 - Edith H. Quimby Award
- Fellow
- Fellow (FACMP)
History Interviews

2013 by Lawrence N. Rothenberg

Committee Memberships

Member of Administrative Council - President
Chair of Ad Hoc Committee on Governance Assessment
Member of Ad Hoc Committee on the Corporate Partnership Program Design as President
Member of Ad Hoc Committee on Unifying Publication Platforms as Guest
Member of Board of Directors as President
Member of Working Group on DICOM Coordination - DICOM WG07 RT representative
Member of Education Council - President
Member of Executive Committee as President
Chair of Nominating Committee
Member of Professional Council as President
Member of Science Council as President
Member of Strategic Planning Committee of the Board as President
Member of TG 180 Modeling and Accounting for the Imaging Guidance Radiation Doses to Radiotherapy Patients in Treatment Planning
Member of TG 281 Governance Assessment Communications Plan

Current Individual Appointments

Click here to see the individual Appointments Summary.

Virtual Library Presentations

2015 SCM - IHE-RO Efforts to Improve Interoperability of Systems and Patient Safety
2015 AM - My Personal Experience
2015 AM - Networks, Connectivity, and Interoperability
2014 AM - Keeping Radiation Oncology IT Systems Secure
2013 AM - Introduction to IHE-RO: Why is it important? How does it work?
2010 CRCPD - Moving to electronic records/signatures
2009 AM - 09 AM - Practical Aspects (and Pitfalls) of External Beam Photon Calibrations Using TG-91
2007 AM - Integrating the Healthcare Enterprise (IHE) in Radiation Oncology: Will it Help You?
2007 CRCPD - The Regulatory Process - A Medical Physics Perspective
2006 AM - MC for Treatment Planning
2005 AM - Source Modelling and Beam Commissioning for Monte Carlo Treatment Planning

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Career Services Resources

Resources
AAPM Career Services offers professional services to help you build and manage your career for maximum potential for success. Check out these resources!

Career Guidance
Learn valuable information about handling an unexpected, unplanned career change, including detailed first-person accounts and an essential primer on employment law for physicists. As presented by AAPM members at the 2015 Annual Meeting and Exhibition in Anaheim, California.

Upcoming and Recorded Webinars
Register for current webinars, view a list of upcoming webinar topics, and watch videos of previous webinars all designed to aid you in your career development.

Career Advice from Alaine G. Levine
Alaine G. Levine is a STEM career consultant, science and engineering writer, and professional speaker and comedian. Her new book, Networking for Nerds (on networking strategies for scientists and engineers), will be published by Wiley in 2014.

Career Profiles
Review detailed information about some of the most exciting available career paths in the science and engineering fields.

Resume/Branding Advice for Job Seekers
The resume is the first, and sometimes only, impression a hiring manager will get of an individual applying for a Medical Physics position. Therefore, the Placement Services Subcommittee thought it important to provide some advice and examples that would educate and guide individuals in constructing a clear and professional-looking resume.

Interview Advice
Interviewing soon? Prepare for both technical and behavioral questions with real-world advice from experienced AAPM member colleagues, including an essential interviewing boot camp to aid you in putting your very best foot forward.
Virtual Library Presentations

NOW AVAILABLE

- AAPM Training at CRCPD - CT: A Refresher
  Presented at the CRCPD Annual Meeting - Lexington, KY - 2016
- AAPM Spring Clinical Meeting - Salt Lake City, UT - 2016
- SRT/SBRT Meeting - Detroit, MI - 2015
- 57th AAPM Annual Meeting - Anaheim, CA - 2015
- AAPM Summer School - Colorado Springs, CO - 2015
- AAPM Training at CRCPD - The Changing Face of Radiation Protection in Medical Use of Radioactive Materials and Machines that Produce Radiation
  Presented at the CRCPD Annual Meeting - St. Louis, MO - 2015
- AAPM Spring Clinical Meeting - St. Louis, MO - 2015
- Incident Learning Workshop - San Diego, CA - 2015
- 56th AAPM Annual Meeting - Austin, TX - 2014
- AAPM Summer School - Burlington, VT - 2014
- AAPM Spring Clinical Meeting - Denver, CO - 2014
- Radiation Oncology Program Accreditation Meeting - Denver, CO - 2014
- AAPM Training at CRCPD - Real Time Imaging in a Real Time World Fluoroscopy
  Presented at the CRCPD Annual Meeting - Atlanta, GA 2014
- 55th Annual Meeting - Indianapolis, IN - 2013
- AAPM Spring Clinical - Phoenix, AZ - 2013
- AAPM Summer School - Colorado College, Colorado, CO - 2013
  Quality and Safety in Radiotherapy: Learning the New Approaches in TG100 and Beyond
- AAPM 3rd CT Dose Summit: Strategies for Scan Parameter Optimization - Phoenix, AZ - 2013
- AAPM Training at CRCPD - Radiation Therapy Inspector Training/Safety Culture in the Clinical Environment
  Presented at the CRCPD Annual Meeting - Portland, OR 2013
An AAPM Civics lesson

for more info: http://www.aapm.org/org/history/journal/formation.pdf
What year was the AAPM founded?

1958

Where is AAPM located?

1631 Prince Street, Alexandria, VA 22314
Who are AAPM members?

number of members:

8488

as of July 2016

from 92 countries

7779 members

44 corporate affiliates

583 student members

http://www.aapm.org/org/default.asp
How does the AAPM communicate with its members?

- Two professional journals
  - Medical Physics (print and online)
    - Jeffrey Williamson, Editor-in-Chief
  - Journal of Applied Clinical Medical Physics (online only)
    - Michael Mills, Editor-in-Chief
- AAPM website (BBS for online discussions)
  - Farhana Khan, AAPM Webmistress
  - George Kagadis, Chair, Website Editorial Board
- Newsletter (online)
  - Jessica Clements, Newsletter editor
- Email blasts (you can opt out)
- Social Media
  - Facebook
  - Twitter
  - LinkedIn
  - Flickr
AAPM Mission Statement

or what is the AAPM?

**Mission Statement**
Adopted by the AAPM Board of Directors - November 28, 2009

**Vision:**
The American Association of Physicists in Medicine is the premier organization in medical physics, a broadly-based scientific and professional discipline encompassing physics principles and applications in biology and medicine.

**Mission:**
The mission of the American Association of Physicists in Medicine is to advance the science, education and professional practice of medical physics.

**Goals:**
The goals of the American Association of Physicists in Medicine are to:

1. Promote the highest quality medical physics services for patients.
2. Encourage research and development to advance the discipline.
3. Disseminate scientific and technical information in the discipline.
4. Foster the education and professional development of medical physicists.
5. Support the medical physics education of physicians and other medical professionals.
6. Promote standards for the practice of medical physics.
7. Govern and manage the Association in an effective, efficient, and fiscally responsible manner.

http://www.aapm.org/org/objectives.asp
Evolution of the AAPM Mission

courtesy of John Boone

see AAPM Newsletter May/June 2016 issue

AAPM Organizational Structure

Who is the AAPM?
Board of Directors (BoD)

- Responsibilities
  - Affairs of the organization – must approve all obligations (financial or otherwise)
  - Must approve presidential appointments
  - Appoints an executive director
  - Must approve an operating budget for each fiscal year (calendar)
  - Adopts policies and procedures
    - Statements of policy, philosophy, and opinion for the position of AAPM
  - Meets at least twice per year

Minutes are available on-line
http://www.aapm.org/org/organization.asp

used with permission from Jessica Clements
The AAPM Board of Directors

50 members and guests, 38 voting members

- 12 Members At Large
- 21 Chapter Representatives
- 4 Council Chairs & 5 Vice Chairs
- 6 Excom
- 1 AIP Representative
- 1 Parliamentarian

(see: http://www.aapm.org/org/structure/?committee_code=BRD)
Governance Documents:

- **Articles of Incorporation** *(initially filed Nov 10, 1965)*
  - Establish initial structure - “owned” by the District of Columbia
- **By-Laws** *(adopted at the annual business meeting, Dec 2, 1965)*
  - Provide details of the governance structure - “owned” by the membership
- **Rules**
  - Detail and expedite administrative matters - “owned” by the Board of Directors

*Governance Documents are available on-line*
http://www.aapm.org/org/organization.asp

used with permission from AAPM HQ, Angela Keyser
What does the membership vote on?

• outlined in the By-Laws
  • AAPM Board Members At Large
  • AAPM President-elect, Treasurer and Secretary
  • changes in dues (“favorable majority of those voting”)
  • proposed amendments to the by-laws (“favorable vote of 2/3 ballots received”)
  • proposed amendments to the Articles of Incorporation (“favorable vote of 2/3 ballots received”)

http://peat.aapm.org/govdocs/bylaws.php
clarification from Todd Pawlicki
How many members vote?
for AAPM Officers and Board Member-at-Large

- in 2015 - 28.6%
- in 2014 - 29.4%
- in 2013 - 31%

How does this compare to presidential elections?

According to the American Presidency Project

2008 - 58.23%
2012 - 54.87%

AAPM election % courtesy of Lisa Schober

http://www.presidency.ucsb.edu/data/turnout.php
AAPM Organizational Structure

- 2016 Officers
  - Bruce Curran, President
  - Melissa Martin, President-Elect
  - John Boone, Chairman of the Board
  - Todd Pawlicki, Secretary
  - Mahadevappa Mahesh, Treasurer

- 2017 Officers
  - Melissa Martin, President
  - Bruce Thomadsen, President-Elect
  - Bruce Curran, Chairman of the Board
  - Todd Pawlicki, Secretary
  - Mahadevappa Mahesh, Treasurer
What is the most common first name of those that have been/are AAPM president?
Go forth and GET INVOLVED