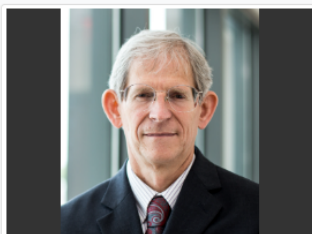


2022 AHRA Annual Meeting AAPM Liaison Update

2022 AAPM Executive Committee



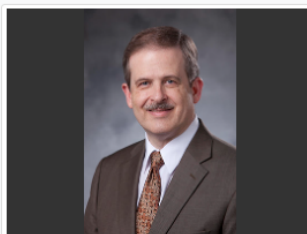
J. Daniel Bourland, PhD,
FAAPM
President

Wake Forest University



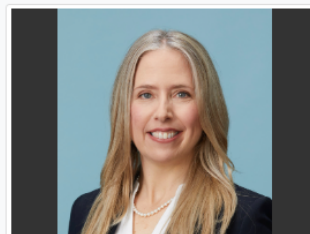
Ehsan Samei, PhD, FAAPM
President-Elect

Duke University Health System



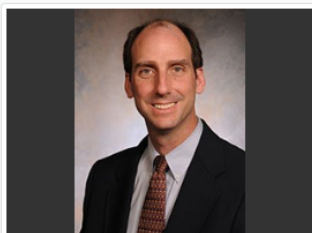
James T. Dobbins III, PhD,
FAAPM
Chair of the Board

Duke University



Jennifer Lynn Johnson, PhD,
FAAPM
Secretary

Potentia Partners



Samuel G. Armato III, PhD,
FAAPM
Treasurer

The University of Chicago



Angela R. Keyser
AAPM Executive Director

AS OF JULY 2022:

- 9693 Members in 161 countries (average age: 48)
- 6119 Full members
- 1627 Member volunteers
- 370 Non-member volunteers
- 22.91% of eligible members volunteer
- 5 Councils, 58 Committees, 95 Subcommittees, 98 Working Groups, 83 Task Groups, 40 Units

2022 SCIENTIFIC REPORTS (4 year to date)

Of particular interest:

[AAPM Task Group Report 272: Comprehensive Acceptance Testing and Evaluation of Fluoroscopy Imaging Systems](#)

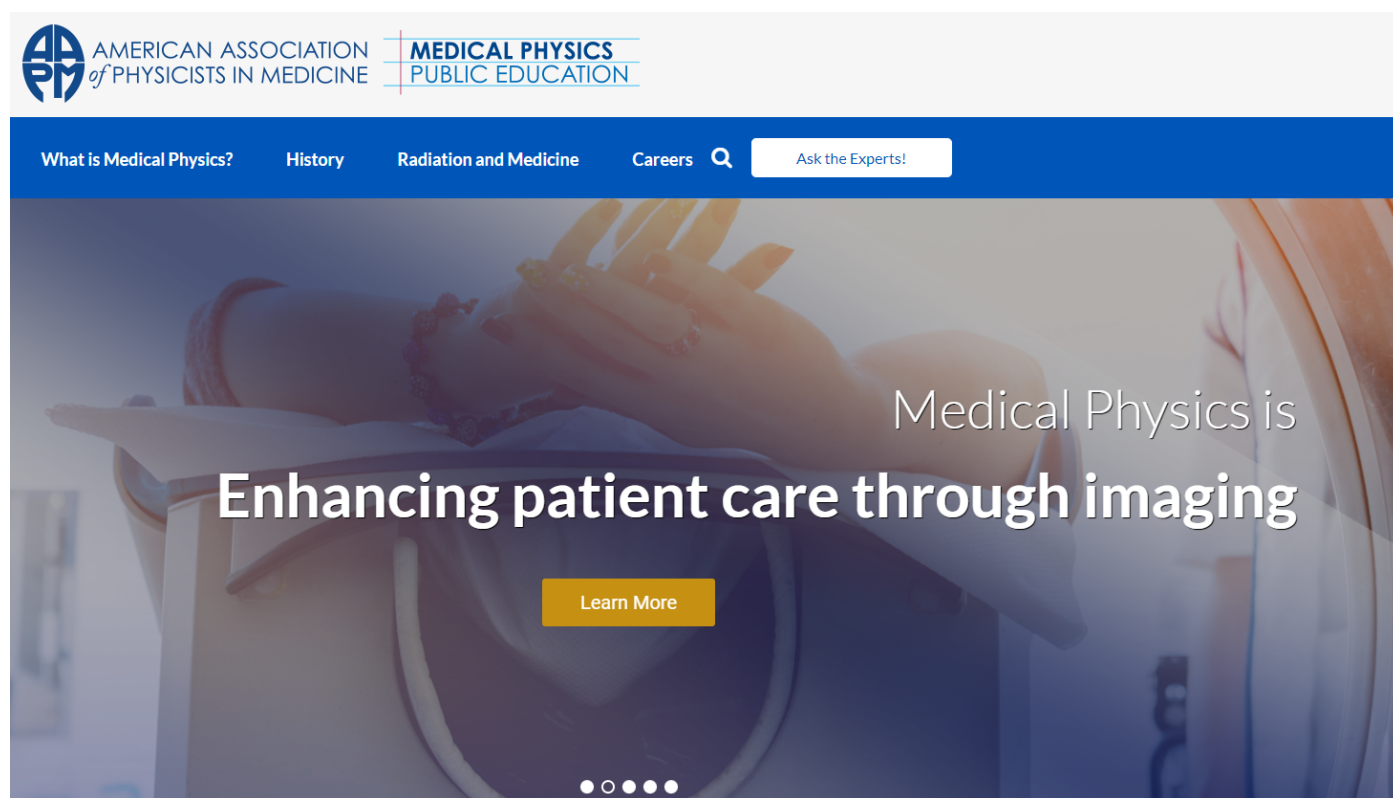
[Survey of Pediatric Fluoroscopic Air Kerma Rate Values and Recommended Application of Results](#)

ADMINISTRATIVE COUNCIL

- The Working Group on Diagnostic Imaging Vendor Engagement (WGDIVE) is collaborating with membership groups to improve communications to industry diagnostic physicists and imaging scientists about the relevance of their joining AAPM and becoming actively involved as volunteers.
- Developing an RFP for 2023 AAPM Annual Meeting to bring some medical imaging “super stars” to highlight academic/industry collaborations that have led to important innovations in the field. Working with AAPM data science groups to better engage newer AI companies - both in therapy and diagnostic physics - in AAPM activities.

EDUCATION COUNCIL

- The Student and Trainee Committee (STSC) in collaboration with Canadian Organization of Medical Physicists (COMP) Students Council (SC) hosted the first COMP/AAPM Career Catalyst Networking Session. The inaugural COMP Career Catalyst seminar series was a monthly professional development seminar series designed for motivated students and trainees to gain exposure on various topics in medical physics to accelerate their career in medical physics.
- STSC hosted a MedPhys Slam elevator pitch virtual workshop. The intent of the workshop was to help students and trainees understand the scope of an elevator pitch and why science communication to a lay audience is so important. The workshop featured a lecture covering the principles and applications of elevator speeches followed by an interactive Q&A period. Over 60 students and trainees participated in the event.
- The Undergraduate Summer Fellowship and Outreach Subcommittee received 52 applications for the Undergraduate Summer Fellowship. Sixteen awards were granted, 15 funded by the AAPM and 1 funded by the Arizona chapter of the AAPM. The Awards Selection Subcommittee received 41 applications for the newly restructured AAPM/RSNA Doctoral and AAPM Master’s graduate fellowships. Seven \$10k awards were granted to 3 Masters candidates and 4 PhD candidates. The Imaging Physics Residency Workgroup awarded grants to the University of Kentucky and the University of Washington.
- The AAPM Public Education Committee has launched a new website, which will be one of AAPM’s most important vehicles for educating the public about medical physics science and profession. It will include an “Ask-the-Expert” feature. Please visit <https://www.medicalradiationinfo.org/>.



INTERNATIONAL COUNCIL

- The Global Needs Assessment Committee (GNAC) has conducted a needs assessment survey of Institution leaders in LMIC and done a preliminary analysis which will be presented during the AAPM Annual Meeting.
- The Equipment Donation SC is planning to initiate discussions with vendors to inquire about an option for groups who would like to donate their equipment rather than trading it in. This project will be undertaken in collaboration with the Corporate Relations Committee of AC.
- The Global Liaison Committee will host a roundtable discussion with global stakeholders at AAPM Annual Meeting in Washington DC this year. The invitees will include liaison representatives from; IAEA, IOMP, ESTO, ASTRO, MPWB, Rad-Aid, Radiating Hope, Rayos Contra Cancer, and RSNA. The goal is to share information on what each group is working on and/or where they may be able to collaborate with others.

PROFESSIONAL COUNCIL

- Soft launch of the AAPM Mentorship Program, which seeks to support mentorship relationships between AAPM members, is underway. Full launch is coming soon once enough mentors have signed up.

*The Association's Journals are Medical Physics and Journal of Applied Clinical Medical Physics
Member Society of the American Institute of Physics and the International Organization of Medical Physics*

- Medical Physics Practice Guideline 15.a: Peer Review in Clinical Physics is in the pipeline for journal submission. The guideline includes administrators in the list of stakeholders and speaks to interactions between a reviewer and administration.

SCIENCE COUNCIL

- Big Data Subcommittee is leading initiatives that are multi-institutional and span multiple professional societies to create standardizations necessary to enable large multi-institutional databases, including organizing the Practical Big Data Workshop that focus on future infrastructure for data-driven medicine
- Working Group on Task Group Creation process optimization enables a much more transparent and inclusive process for creating future-oriented task groups for AAPM
- The Medical Imaging and Data Resource Center (MIDRC) is funded by the National Institute of Biomedical Imaging and Bioengineering (NIBIB) and hosted at the University of Chicago, is co-led by AAPM, the American College of Radiology® (ACR®), and the Radiological Society of North America (RSNA). MIDRC is accelerating the creation of an open, fair, and diverse medical imaging data commons as well as transfer knowledge and innovation of AI within the imaging community, including clinical problem identification, discovery, development, evaluation, translation, implementation and dissemination.