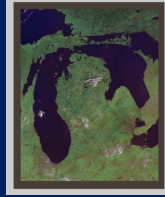




Great Lakes Chapter

American Association of Physicists in Medicine

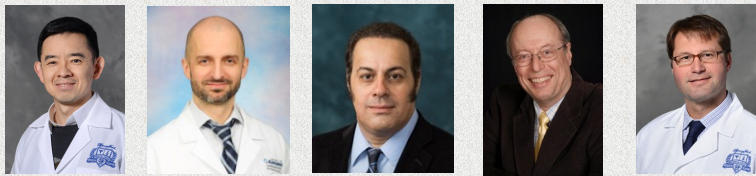


GLC Beginnings and Membership

The Great Lakes Chapter of the American Association of Physicists in Medicine was founded in 1976. Our chapter draws its membership from throughout Michigan, northwest Ohio, and Ontario, Canada. We are fortunate to have a large group of members engaged at the local and national levels of our profession. Additionally, the Great Lakes Chapter boasts 25 fellows of the AAPM.

GLC Officers

The executive board of the GLC consists of the following offices: Secretary, Treasurer, Board Representative, President-Elect, and President. The President-Elect serves a one year term before transitioning to a one year term as President, while the other positions serve within two year terms.



(From left) Ning (Winston) Wen (President), Adrian Nalichowski (President-Elect), Siamak Nejad-Davarani (Secretary), Donovan Bakalyar (Treasurer), and Brett Miller (Chapter Board Representative)

GLC Meetings

The GLC hosts several meetings, some of which are held annually:

- 1. Spring Meeting/Young Investigators Symposium** – This meeting provides an opportunity for young researchers in the local chapter to present their original research. The top three presenters are recognized with a plaque and prize.
- 2. Preliminary MedPhys SLAM Competition** – Chapter competition held to determine our representative at the national meeting.
- 3. Fall/Winter Meetings** – Typically focused on a relevant and interesting clinical topic, with invited speakers giving their perspective on the topic of interest. Last year's topic was "Current and Emerging Challenges in the Field of Medical Physics and Future Directions"

2020 GLC-AAPM Annual Meeting (Virtual)
"Current and Emerging Challenges in the Field of Medical Physics, and Future Directions"
 Wednesday, December 2nd, 5:00 pm – 9:00 pm EST

We invite all GLC members and friends to join us for the 2020 GLC-AAPM Annual Meeting to learn more about the current and emerging challenges and future directions in the field of Medical Physics!

[RSVP/Register Here](#)

Note: Please complete the following short survey by [December 30th, 10:00 AM](#). The responses will be incorporated into Dr. Wang's talk entitled "MedPhys in Smart Practice and the Future of Medical Physics". The survey can be accessed by clicking [here](#).

Thanks to our sponsors for helping us continue to provide GLC-AAPM events!

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Invited Speakers
 James Bakalyar, Ph.D., Associate Chair for Physics Research, University of Michigan
 Lisa Baranetti, Clinical Physics Director, Beaumont Health
 David Barford, Ph.D., Radiation Physics and Dosimetry Core Leader, Wake Forest University
 Jay Barman, Ph.D., Medical Physics Graduate Program Director, Wayne State University
 Megan Hays, Ph.D., Assistant Professor, University of Nebraska Medical Center
 Terry Wu, Ph.D., Chief Physicist, Johns Hopkins Cancer Center

Moderators
 Xiaofeng David Ding, Ph.D., Lead Medical Physicist, Proton Beam Therapy, National Cancer Institute
 Brett Miller, Chief Medical Physicist, Henry Ford Health System
 Ning (Winston) Wen, Ph.D., Clinical Physics Director, Radiation Therapy, Henry Ford Health System
 Megan Hays, Ph.D., Assistant Professor, University of Nebraska Medical Center
 Xiaofeng David Ding, Ph.D., Lead Medical Physicist, Proton Beam Therapy, National Cancer Institute

2020 GLC-AAPM Annual Meeting
 Wednesday, December 2nd, 5:00 pm – 9:00 pm EST

5:00 pm Welcome remarks: Winston Wen, Ph.D., Beaumont Health
 5:10 pm Medical Physics - Perspective for the Future: Xiaofeng David Ding, Ph.D., National Cancer Institute
 5:30 pm Gold sponsor presentation: Sun Nuclear
 5:35 pm The Impact of COVID-19 Radiation Therapy (RT) Model on the clinical workflow and medical physics: Terry Wu, Ph.D., Henry Ford Health System
 6:00 pm Gold sponsor presentation: Varian
 6:05 pm Gold sponsor presentation: Macromedics
 6:45 pm MedPhys @ Smart Practice and the Future of Medical Physics: Megan Hays, Ph.D., University of Nebraska Medical Center
 7:00 pm Gold sponsor presentation: RaySearch
 7:15 pm Annual Meeting Discussion: Challenges and Changes of medical physics practice in the time of pandemic: Xiaofeng David Ding, Ph.D., National Cancer Institute
 8:20 pm Closing remarks: Ning (Winston) Wen, Ph.D., Beaumont Health

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2021 GLC-AAPM Preliminary MedPhys SLAM Competition
 Wednesday, March 3rd, 2021, 6:00 – 7:30 PM

We invite all GLC members and friends to join us for the first preliminary MedPhys SLAM Competition to determine and promote medical physics to the public!

[Registration for all attendees will be \\$100.](#)

Thanks to our sponsors for helping us continue to provide GLC events!

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2021 GLC-AAPM Preliminary MedPhys SLAM Competition
 Wednesday, March 3rd, 2021, 6:00 – 7:30 PM

6:00 pm Welcome remarks: Ning (Winston) Wen, Ph.D., Beaumont Health
 6:20 pm History of the 3 Minute SLAM: Siamak Nejad-Davarani, Ph.D., Henry Ford Health System
 6:30 pm Presentation Contest: Moderator: Adrian Nalichowski, Ph.D., Beaumont Health
 6:35 pm Monte Carlo Estimation of Dose from Radioactive Drug Injection: Henry Dalton, Ph.D., University of Michigan
 6:40 pm Listening to Radiation: Mark A. Meacham, Ph.D., City of Berkeley School District
 6:45 pm Audience Q&A: Moderator: Erik Conner, Ph.D., Beaumont Health
 6:50 pm Radiotherapy with AI: Possible Progress: David Wang, Ph.D., University of Michigan
 6:55 pm Glucose Oxidase Group Prediction for Prostate Cancer patients from rapidly changing data: Brett Miller, Ph.D., Henry Ford Health System
 7:00 pm Audience Presentations: Moderator: Erik Conner, Ph.D., Beaumont Health
 7:05 pm Judge's remarks: Benjamin A. Bakalyar, Ph.D., Beaumont Health
 7:10 pm Closing remarks: Adrian Nalichowski, Ph.D., Beaumont Health

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(Above) 2021 GLC MedPhys SLAM Competition was held virtually this year and included judges from outside of the Medical Physics field.

The GLC-AAPM Preliminary MedPhys SLAM Competition
 The Great Lakes Chapter of the AAPM is excited to announce the preliminary competition for the 2021 MedPhys SLAM. MedPhys SLAM is a competition similar to the three-minute thesis and encourages emerging medical physicists to improve their communication skills and to promote medical physics to the public. The winner of the GLC chapter preliminary competition will compete in the final competition against winners from other chapters, at the 2021 AAPM annual meeting.

The GLC-AAPM MedPhys SLAM preliminary competition will be held virtually through Zoom on March 24, 2021 at 6 PM EST. Contestants must be Student, Junior or Resident members of the AAPM and have three minutes to present their research using a 3-minute, 30-second PowerPoint slides. They are evaluated on their ability to convey their research and its significance to the general public, by a panel of 4 judges who are external to the field of medical physics.

Judges:
 Benjamin A. Bakalyar, Mathematics Department, Flatwell High School, Flatwell, Michigan
 Roland Hwang, Taxidermist, Northville School Board and Attorney
 Laura Kitzman, Principal/Technician, Support Engineer, Chicago
 Mark Meacham, High School Science Teacher, City of Berkeley School District

Winner:
 Charles Matrosic, University of Michigan

The 2021 GLC MedPhys SLAM judges (upper left) and winner (upper right) Charles Matrosic (University of Michigan)

(Above) 2020 Fall Meeting held virtually.

"Current and Emerging Challenges in the Field of Medical Physics and Future Directions"