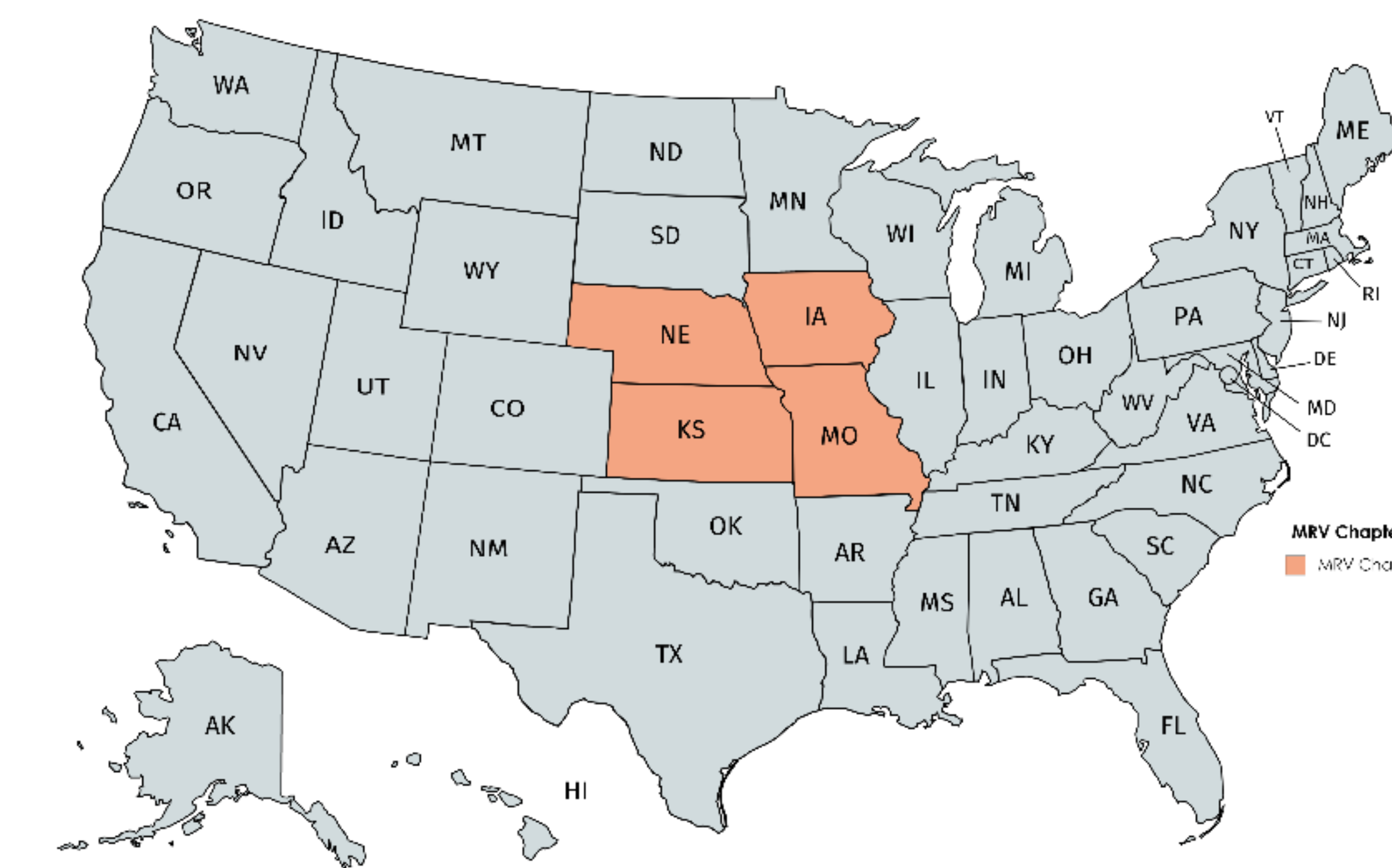




Iowa, Kansas, Missouri, Nebraska

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2020 Chapter Officers



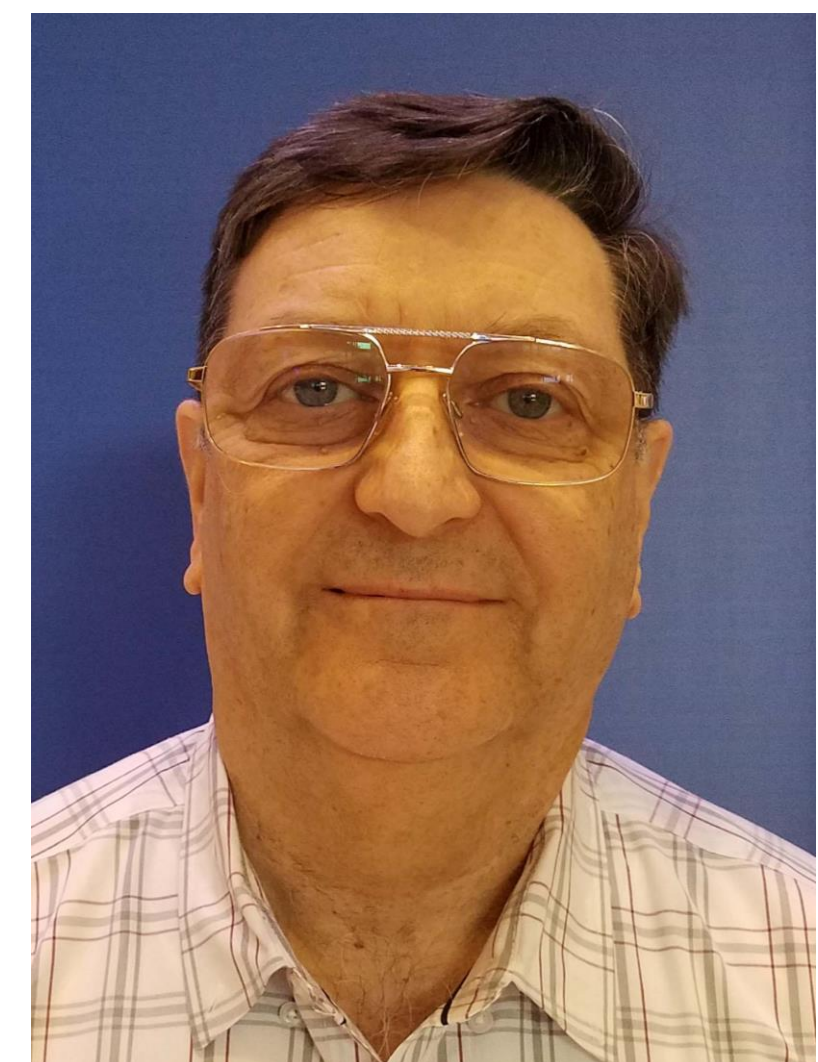
President
Neelu Soni, MS



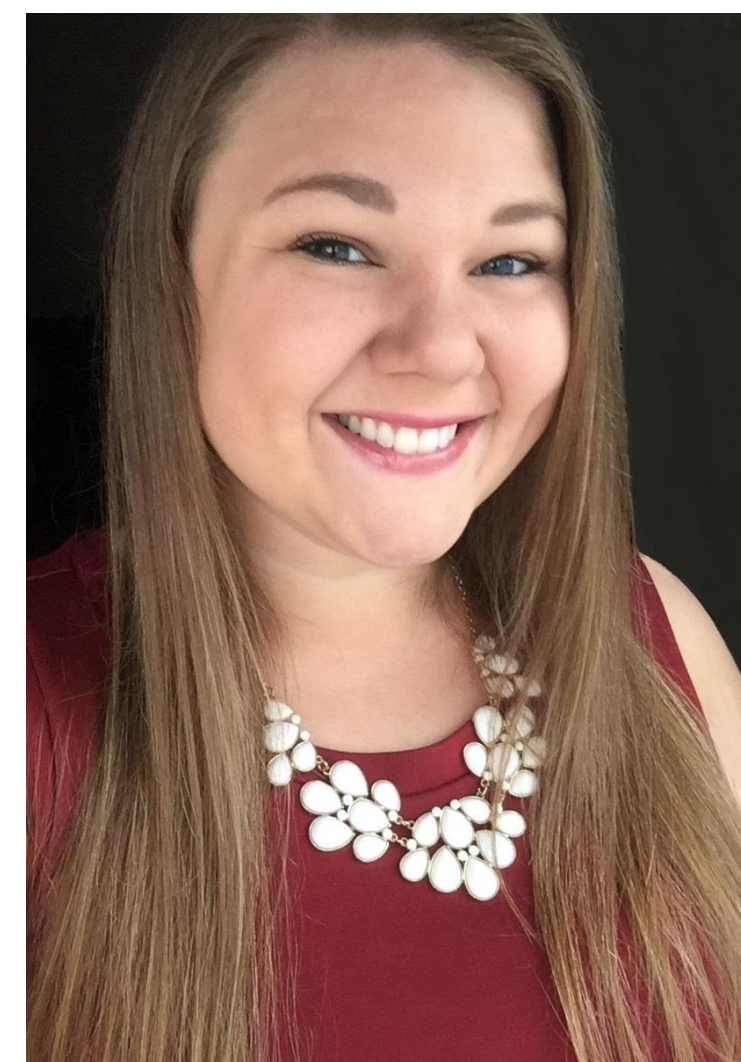
President Elect
Jeffrey Snyder, MS



Past President
Megan Hyun, PhD



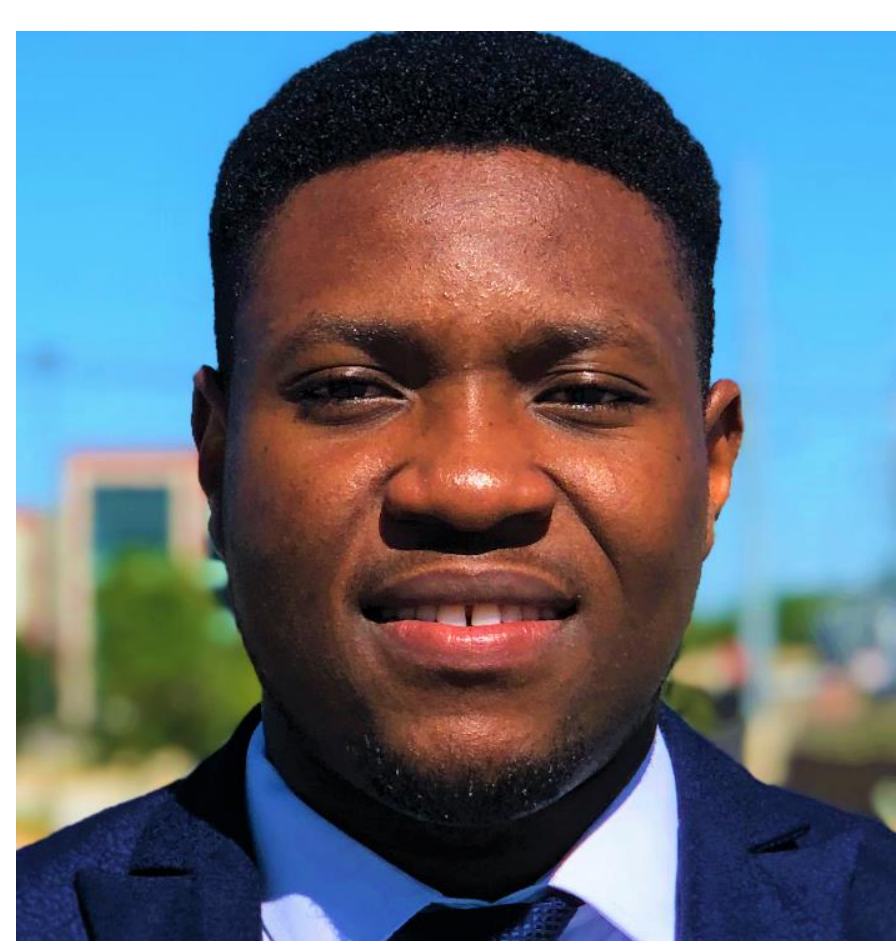
Secretary/Treasurer
Stephen Rose, MS



Chapter Board Representative
Abby Besemer, PhD

Highlights

- According to the AAPM online directory, the MRV chapter has nearly **200 members** across the four states.
- MRV AAPM hosts at least one meeting per year. In 2019-2020 we held the first **TG-275 workshop** in Springfield, MO at our 2019 fall meeting. Our spring 2020 meeting and Young Investigator Session were postponed to August due to Covid-19 concerns.
- We postponed our ABR-style mock oral exam since the ABR Part III exam was pushed back to 2021. An average of 10 examinees have benefitted from this mock exam each year for the past 8 years.
- The chapter held its second **Med Phys Slam** competition virtually in May 2020. The judges selected **Oluyemi Aboyewa** as this year's winner. All three participants are shown below along with their presentation titles.



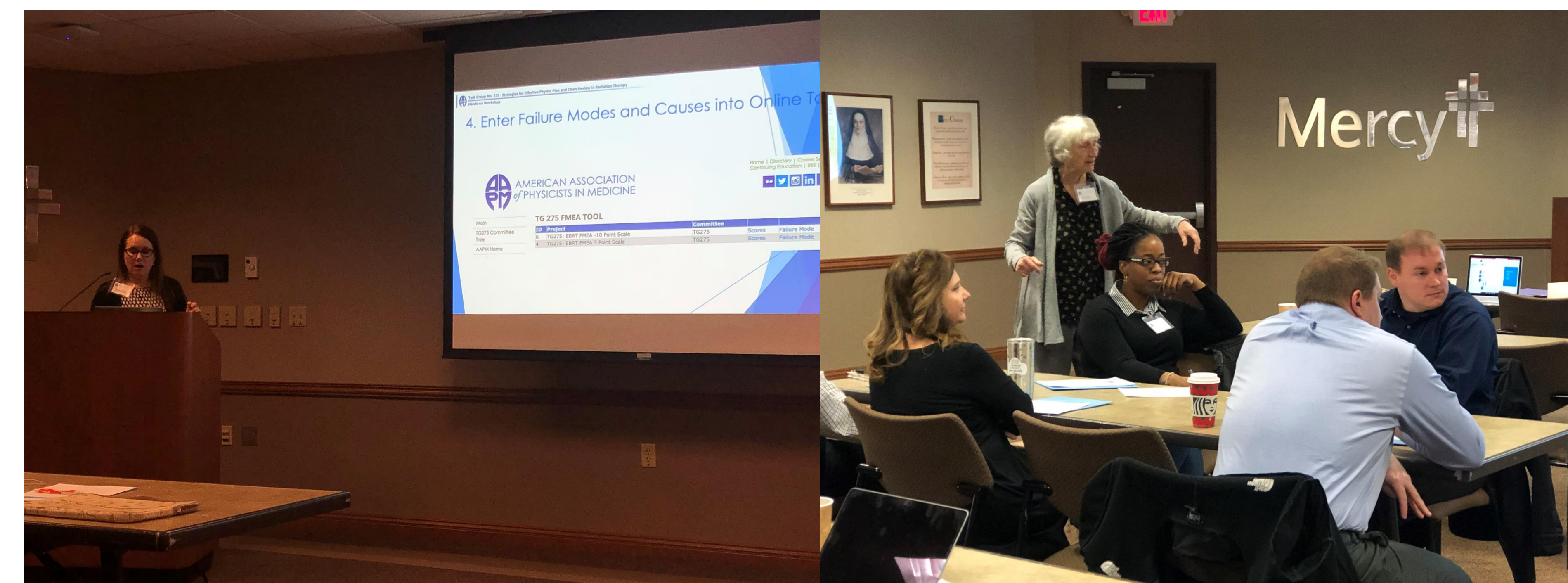
Oluyemi Aboyewa (*2020 MRV MedPhys Slam winner*) of Creighton University presented "Safety in MRI Patients with Abandoned Epicardial Leads"



Kimal Honour Djam of Creighton University presented "Nanoparticles for Simultaneous Assessment of Reactive Oxygen Species Generation and Enhanced Radiosensitization of Brain Cancer Cells"



Sarah Wisnoskie of the University of Nebraska Medical Center presented "Breathe In and Hold It: Reducing The Strain of Deep Inspiration Breath Holds in Whole Breast Irradiation"



Photographs from the **fall 2019 TG275 workshop** in Springfield, MO. Top row: (Left) Stephanie Parker of TG275 leads a didactic session on failure modes. (Right) Ellen Yorke of TG275 facilitates discussion during a hands-on session of the workshop. Bottom row: (Left) Guest speakers Ellen and Stephanie join MRV Chapter President Neelu Soni for a meal during the conference. (Right) Attendees enjoy the Night Out prior to the workshop.

History

In the Spring of 1971, 6 to 8 medical physicists met in a small room in the radiation oncology department of the University of Kansas Medical Center in Kansas City. There were two from Washington University in St Louis, at least one from the University of Nebraska Medical Center in Omaha, and a few from the Kansas City area. The purpose of the meeting was to organize a chapter of the AAPM. Those present recognized the need to promote recognition of medical physics locally within the academic and scientific communities, and to support those practicing clinical physics, primarily in the rural areas of the region. However, the immediate goal was to obtain formal recognition by the AAPM as a regional chapter and to offer to host the 1974 annual AAPM meeting in Kansas City. A committee was selected to formulate a constitution and bylaws and to apply to the national organization for recognition as a *bona fide* chapter. At that initial gathering it was decided that Ernest (Curly) Jones of Omaha would be the Chapter's first president and Arnold Feldman of Washington University would be the Chapter's representative to the Board of Directors. Late in 1971 the Missouri River Valley Chapter, to cover the primarily rural area of Missouri, Iowa, Kansas, and Nebraska, was recognized by the AAPM as a regional Chapter. In 1974 the Chapter hosted the annual meeting in Kansas City. (Written by Palmer Steward, PhD, FAAPM)