

RADIOLOGY RESEARCH UPDATE *January 2022, Issue 22*

Department of Diagnostic Radiology and Nuclear Medicine



CHEERS TO...



Rao Gullapalli, PhD, who was one of eight professors from UMB and UMCP, four from each university, to be chosen as the inaugural MPower Professors. This award from the University of Maryland Strategic Partnership: MPowering the State (Empower) recognizes, incentivizes, and fosters faculty collaborations between universities.

Dr. Gullapalli was chosen from a strong, competitive pool of nominations

representing 11 schools and colleges. The eight selected for this first-ever award exemplify a commitment to interdisciplinary and interprofessional collaboration, which is at the heart of the MPower strategic partnership. They are bridging research and scholarship between institutions to foster innovation that will impact the citizens of Maryland and beyond. Each professor will receive \$150,000, allocated over three years, to apply to their salary or to support supplemental research activities. These funds recognize, enable, and support strong collaborations between faculty at both institutions.

(Source: Office of the President)

RESIDENTS WIN RSNA AWARD

Four residents from the Department of Diagnostic Radiology and Nuclear Medicine won the Radiological Society of North America (RSNA) Residency Case-Based Competition at RSNA's annual meeting held November 28 – December 2 in Chicago. **Cynthia Czawlytko, MD**, PGY 5, **Clarissa Lin, MD**, PGY 5,

Hana Haver, MD, PGY 4, and **Lakir Patel, MD**, PGY5 (left to right in the photo below) competed against other residency programs throughout the country on imaging cases from all subspecialties and won the first-place trophy.

According to Dr. Omer Awan, "This is the first time our residents at UMMC have ever won this competition, and is a testament to their motivation, diagnostic acumen, and resilience to learn despite having been in a pandemic for the last 20 or so months! I am unbelievably proud of them, our top notch residency training, and all of our residents and faculty here!"



MORE GOOD NEWS FROM RSNA



Omer A. Awan, MD, MPH, was the recipient of the 2021 RSNA Honored Educator Award in recognition of his dedication to furthering the profession of radiology by delivering high-quality educational content for the RSNA. Established in 2011, the RSNA Honored Educator Award recognizes RSNA members who have produced an array of RSNA educational resources in the past calendar year. Based on the number of qualifying activities in a given calendar year, eligible RSNA members are presented with the Honored Educator award in recognition of their contributions.

GRANTS



Bruce Wasserman, MD was the recipient of a \$1,581,587 R01 grant from

NIH/NIA for “The Role of Intracranial Atherosclerosis in the Development of Alzheimer's Disease.” The award was recently transferred from Johns Hopkins University.

ICTR'S ENRICHMENT SERIES FEATURES DR. JEUDY



Jean Jeudy, MD, presented “Cardiac MR Evaluation of Myocarditis in Student Athletes After COVID-19 Infection: A Multi-Institution Experience” at UMB’s Institute for Clinical and Translational Research’s Enrichment Series on December 14th, regarding the effort to evaluate the prevalence of myocarditis among student athletes who contracted COVID-19 and to determine the utility of different screening strategies, particularly the use of cardiac MRI. His talk may be [viewed here](#).

FEATURED PUBLICATIONS

Zhang L, Xie D, Li Y, Camargo A, Song D, Lu T, Jeudy J, Dreizin D, Melhem ER, Wang Z; Alzheimer's Disease

Neuroimaging Initiative. Improving Sensitivity of Arterial Spin Labeling Perfusion MRI in Alzheimer's Disease Using Transfer Learning of Deep Learning-Based ASL Denoising. J Magn Reson Imaging. 2021 Nov 6. Epub ahead of print.

Kang N, Qiao Y, Wasserman BA. Essentials for Interpreting Intracranial Vessel Wall MRI Results: State of the Art. Radiology. 2021 Sep;300(3):492-505. Epub 2021 Jul 27.

Hui SCN, Zöllner HJ, Oeltzschner G, Edden RAE, Saleh MG. In Vivo Spectral Editing of Phosphorylethanolamine. Magn Reson Med. 2022 Jan;87(1):50-56. Epub 2021 Aug 19.

Yi PH, Malone P, Lin CT, Filice RW. Deep Learning Algorithms for Interpretation of Upper Extremity Radiographs: Laterality and Technologist Initial Labels As Confounding Factors. AJR Am J Roentgenol. 2021 Nov 10. Epub ahead of print.

Yang W, Krakauer JW, Wasserman BA. Radiation-induced Intracranial Vasculitis on High-resolution Vessel Wall MRI. J Neurol. 2021 Aug 15. Epub ahead of print.