

# RADIOLOGY RESEARCH UPDATE *April 2023, Issue 26*

Department of Diagnostic Radiology and Nuclear Medicine

## IN MEMORIAM



***Rao Gullapalli, PhD, MBA***  
***August 28, 1958—April 18, 2023***

As the Irish playwright George Bernard Shaw wrote:

*“This is the true joy in life: Being used for a purpose recognized by yourself as a mighty one, being a force of nature instead of a feverish, selfish little clod of ailments and grievances, complaining that the world will not devote itself to making you happy. I am of the opinion that my life belongs to the whole community and as long as I live, it is my privilege to do for it what I can. It is a sort of splendid torch which I have got hold of for the moment and I want to make it burn as brightly as possible before handing it on to future generations.”*

We are forever thankful that our leader, mentor, colleague and friend, Dr. Rao Gullapalli, got hold of that “splendid torch” and touched many lives in many realms. To honor his life, we are asking you to submit your favorite memories of Rao, along with any photographs. We would like to publish these in custom photo books that we can give to his family and keep as a lasting means of tribute in the department.

Please email your contributions to Brigitte: [bpocta@som.umaryland.edu](mailto:bpocta@som.umaryland.edu) or Chenny: [jzhuo@som.umaryland.edu](mailto:jzhuo@som.umaryland.edu).

## FEATURED PUBLICATIONS

**Camargo A, Wang Z;** Alzheimer's Disease Neuroimaging Initiative. Hypo- and Hyper-perfusion in MCI and AD Identified by Different ASL MRI Sequences. *Brain Imaging Behav.* 2023 Mar 27. Epub ahead of print.

**Dreizin D,** Champ K, **Dattwyler M, Bodanapally U, Smith EB, Li G,** Singh R, **Wang Z,** Liang Y. Blunt Splenic Injury in Adults: Association between Volumetric Quantitative CT Parameters and Intervention. *J Trauma Acute Care Surg.* 2023 Jan 1;94(1):125-132. Epub 2022 May 12.

**Haver H, Knecht S, Ptak T, Awan OA.** Medical Students and the Informal Radiology Curriculum: Adopting the Emergency Radiology Triage Assistant Program (ER-TAP) Amid COVID-19. *Acad Radiol.* 2023 Feb;30(2):381-383.

Isaiah A, **Ernst TM, Liang H, Ryan M, Cunningham E, Rodriguez PJ, Menken M, Kaschak D, Guihen C, Reeves G,** Lever N, Edwards SM, **Chang L.** Associations between Socioeconomic Gradients and Racial Disparities in Preadolescent Brain Outcomes. *Pediatr Res.* 2022 Dec 1. Epub ahead of print.

**Morcos G, Awan OA.** Burnout in Medical School: A Medical Student's Perspective. *Acad Radiol.* 2022 Dec 29:S1076-6332(22)00628-6. Epub ahead of print.

Murphy ZR, Venkatesh K, Sulam J, **Yi PH.** Visual Transformers and Convolutional Neural Networks for Disease Classification on Radiographs: A Comparison of Performance, Sample Efficiency, and Hidden Stratification. *Radiol Artif Intell.* 2022 Sep 21;4(6):e220012.

**O'Connor EE,** Sullivan EV, **Chang L,** Hammoud DA, Wilson TW, Ragin AB, Meade CS, Coughlin J, Ances BM. Imaging of Brain Structural and Functional Effects in People with Human Immunodeficiency Virus. *J Infect Dis.* 2023 Mar 17;227(Suppl 1):S16-S29.

## IN THE NEWS

**Hana L. Haver, MD,** (PGY 5,) **Jean Jeudy, MD,** and **Paul H. Yi, MD,** were among the coauthors of a research letter published in *Radiology* entitled "Appropriateness of Breast Cancer Prevention and Screening Recommendations Provided by ChatGPT." Dr. Haver was the first author and Dr. Yi the last author. According to Dr. Yi, "The paper investigated

the accuracy of ChatGPT for giving breast cancer screening recommendations. We found that ChatGPT provided accurate recommendations regarding breast cancer screening for the vast majority of questions but did have some important inaccuracies. The major implication here is for the potential and pitfalls for ChatGPT and other large language models in educating patients about their healthcare." The publication was the focus of a UMSOM press release: [available here](#), on [YouTube](#) and featured in [Fortune Well](#) and on [RSNA's website](#).

## WANG FEATURED ON UMB PULSE

**Ze Wang, PhD,** was the podcast guest of *UMB Pulse* in March, discussing "Adolescents: Why Sleep is Important." [You can listen to the episode here.](#)

## AROUND TOWN

**Omer A. Awan, MD, MPH,** was invited to be a faculty judge for the 50<sup>th</sup> Annual New England Journal of Medicine's Latino Medical Student Association—Northeast Research Symposium held in Baltimore in January 2023.