



# What's the Buzz?

APRIL 2022 VOL.24 NO.4

SELF-REPORTED NEWS *from the* SCHOOL OF MEDICINE COMMUNITY

## Honors & Awards

*Congratulations to the following who have received honors!*



Laura Bontempo, MD, MEd

► **Laura Bontempo, MD, MEd**, Associate Professor, Department of Emergency Medicine, received a “Top Section Editor Award” for 2021 from CorePendium, the online emergency medicine textbook published by EM:RAP. Also, among the nine award recipients chosen from more than 40 section editors, were UMEM residency graduates **Brian Parker, MD, MS**; **Ali Farzad, MD**; and **Susanne DeMeester, MD**; and former Department of Emergency Medicine faculty member **Sara Manning, MD**.

► **Diana Carvajal, MD, MPH**, Assistant Professor, Department of Family & Community Medicine, has been selected to receive the Dean’s Faculty Award for Diversity and Inclusion. She was publicly recognized at the University of Maryland School of Medicine’s Annual Celebrating Diversity Event on February 19, 2022.



Diana Carvajal, MD, MPH



Simon Ho, PT, DPT

► **Simon Ho, PT, DPT**, Assistant Professor; **Kelly Rock, PT, DPT, PCS**, PhD Candidate; and **Victoria Marchese, PT, PhD**, the Jane Kroh Satterfield Professor of Physical Therapy and Rehabilitation Science and Chair, all from the Department of Physical Therapy and Rehabilitation Science, were awarded the “Best Poster in the Academy of Cardiovascular and Pulmonary Section for CSM 2022 (San Antonio)” for their poster entitled “Reliability of Assessing Diaphragm Thickness Via B-Mode Ultrasound in Healthy Children

and Adolescents,” which was presented at the American Physical Therapy Association’s annual Combined Sections Meeting, held in San Antonio, TX, from February 2-5, 2022.

► **Katherine Jacobson, MD**, Clinical Assistant Professor, Department of Family & Community Medicine, has been selected to receive the Maryland Academy of Family Physicians (MDAFP) Educator of the Year Award. This award recognizes an educa-



Katherine Jacobson, MD

tor who has made outstanding contributions to Family Medicine undergraduate, graduate and/or continuing education. The recipient is recognized for exemplary teaching skills and outstanding progression of abilities over several years by medical students, residents, or peers. Dr. Jacobson was also honored this year by being one of only four UMSOM faculty inductees into the Alpha Omega Alpha Honor Medical Society.



Niharika Khanna, MBBS, MD, DGO

► **Niharika Khanna, MBBS, MD, DGO**, Professor, Department of Family & Community Medicine, has been selected to receive the (MDAFP) Maryland Lifetime Achievement Award. This award recognizes a physician who exemplifies a long-standing dedication to furthering the specialty of Family Medicine through excellence in care, community engagement and support of new physicians in the specialty of family medicine. This award also includes lifetime involvement in local, state, and national Academy and/or MDAFP-Foundation activities.

► **Shana Ntiri, MD, MPH**, Assistant Professor, Department of Family & Community Medicine, is now President of the Maryland Academy of Family Physicians. Dr. Ntiri became active in the MDAFP as a resident when she joined the educational committee and served as a resident director.



Shana Ntiri, MD, MPH

► **Jill Whitall, PhD**, Professor Emerita, Department of Physical Therapy and Rehabilitation Science, has been elected to be a Fellow in the inaugural cohort of the International Motor Development Research Consortium Fellows. The I-MDRC Fellows Program was established in 2021 and represents a distinguished group of researchers who have made significant scientific contributions to the field of motor development and professional contributions to the I-MDRC organization. Dr. Whitall was elected because of her influential scholarship and many professional contributions to the field and organization. This Fellowship is the highest honor bestowed within the organization.



Jill Whitall, PhD

## Grants & Contracts

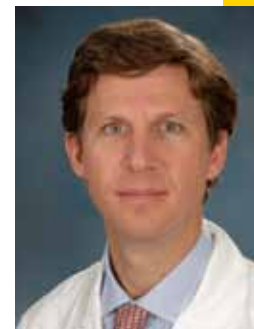
*Congratulations to our very productive faculty on their recent grants and contracts!*



Matthew Frieman, PhD

► **Matthew Frieman PhD**, Associate Professor, Department of Microbiology and Immunology, and **Margaret Scull, PhD**, Assistant Professor, University of Maryland College Park, were awarded a two-year, \$250,000 grant from MPower Maryland to study “Viral and Host Determinants of SARS-CoV-2 Variant Replication.”

► **Graeme Woodworth, MD**, Chair and Professor; **Anthony Kim, PhD**, Associate Professor; and **Jeffrey Winkles, PhD**, Professor, all from the Department of Neurosurgery, collaborated with University of Maryland, College Park Fischell Department of Bioengineering, and were awarded the inaugural Neuro-Link program grant. UMB and UMCP researchers are working to develop a novel technique to treat glioblastoma (GBM), the deadliest and most common type of adult brain cancer.



Graeme Woodworth, MD



## Presentations, Events, Lectures & Workshops

*Kudos to our colleagues who are experts in their fields and give their all to represent the School of Medicine!*



Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation at the 49th Annual International Congress of the Egyptian Society of Cardiology [CardioEgypt 2022], entitled “Imaging Cardiac Device Infections and Endocarditis,” which was a hybrid virtual and in-person meeting, held at the Triumph Katameya Hotel in New Cairo, Egypt, on February 23, 2022. He also delivered an oral presentation entitled “Cardiac Device Infection Imaging: Left Ventricular Assist Device and Pacemaker/AICD,” and moderated a session entitled “Imaging Guided Management of CAD,” at the Mid-Winter Scientific Sessions of the Society of Nuclear Medicine and Molecular Imaging, a virtual meeting held February 25-27, 2022.

► **Benjamin Lawner, DO, MS, EMT-P**, Associate Professor, Department of Emergency Medicine, presented “Challenges Associated with Accurate EMS Triage of Large Vessel Occlusion Stroke” and presented on Baltimore City’s 911 Behavioral Health Diversion initiative at the National Collegiate EMS Foundation Conference, which was held in Pittsburgh, PA on February 25-27, 2022.



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathy Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, on February 24, 2022, presented at the Malawi-Liverpool Wellcome Trust on “COVID-19 Vaccine: A Global Perspective.” Dr. Neuzil



Benjamin Lawner, DO, MS, EMT-P

also presented at the American Thoracic Society (ATS) webinar series on “COVID-19 Vaccines: The Evolving Policy Questions.”

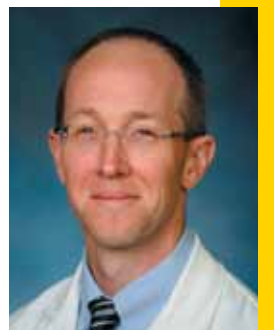


Emerson Wickwire, PhD

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, presented to the National Association of State Mental Health Program Directors/National Suicide Prevention Lifeline on March 3, 2022. The title of his presentation was “Suicidal Risk Factors: The Connection between Co-Occurring Insomnia and Pain Management.”

► **Lisa Susan Wieland, MPH, PhD**, Assistant Professor, Department of Family & Community Medicine, and the Director of the Cochrane Complementary Medicine Field, presented a CME webinar on February 17, 2022, to the Academic Consortium for Integrative Medicine and Health (Consortium). The webinar provided an overview of the new Cochrane approach to assessing risk of bias in randomized trials and described the implications for evaluating randomized trials of nonpharmacological interventions that cannot be blinded. The webinar is archived at the Consortium website.

► **Michael Winters, MD**, Professor, Department of Emergency Medicine, presented the lecture “Recent Critical Care Articles You’ve Got to Know!” to the Society of Emergency Medicine Physician Assistants via Zoom on January 26, 2022. Dr. Winters also presented “Peri-Arrest Pearls for the Crashing Patient,” “The Crashing Obese Patient,” “Deadly Allergies and Anaphylaxis,” and “Recent Critical Care Articles You’ve Got to Know!” at the American Medical Seminars Conference: Emergency Medicine Practicing to the Evidence in Sarasota, FL, February 8-10, 2022.



Mike Winters, MD

## Community Service

*Thanks to those who selflessly donate their time, talent and resources. Your goodwill does not go unappreciated.*



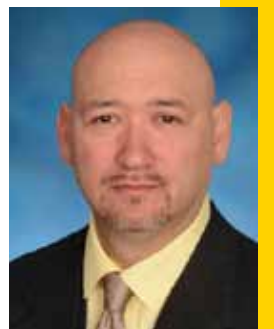
Linda Horn, PT, DScPT, MHS, GCS, NCS

► The Department of Physical Therapy and Rehabilitation Science’s Doctor of Physical Therapy Classes of 2023 and 2024, along with **Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor; **Vincent Conroy, PT, DScPT**, Assistant Professor; **Cara Felter, PT, DPT, MPH, NCS, PCS**, Assistant Professor; **Megan Ortega, PT, DPT, GCS**, Assistant Professor; **Rachel Skolky, PT, MSPT, DPT, GCS**, Assistant Professor, and other PTs in the community, attended the American Physical Therapy Association (APTA) Maryland’s Advocacy Day on Wednesday, February 9, 2022. This is a day for students to learn about and experience advocating for the physical therapy profession. This

year, APTA Maryland has championed HB974/SB725, which seeks to require insurance companies to set copay rates for physical therapy services to be no more than copay rates set for a primary care visit.

► On February 24, 2022, in his role as the American Physical Therapy Association (APTA) Maryland’s Vice-President, **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of

Physical Therapy and Rehabilitation Science (PTRS); along with **Mike Ukoha, PT, DPT** (PTRS ’17), testified before the Health and Government Operations Committee of the Maryland House of Delegates in favor of HB974/SB725. This legislation was initiated by APTA Maryland with the intent to set a cap on PT copayments, coinsurance, and deductibles so that they may not exceed that for primary care physician visits. During his time, Dr. Film argued the case that high copays are one of the unintended drivers of the opioid crisis, particularly for those with lower incomes. On March 2, 2022, Dr. Film and other American Physical Therapy Association leaders testified before the Maryland Senate Finance Committee in favor of HB974/SB725, the bipartisan Fair Copay Bill. This proposed legislation, sponsored by Senator Cory McCray and Delegate Nic Kipke, would limit copayments for PT services. During his time, Dr. Film described the prescription opioid overdose deaths of two family members and argued that high PT copays make it almost impossible for patients to obtain doctor-recommended physical therapy.



Roy Film, PT, MPT, DPT, OCS, FAAOMPT



## In the News

*A job well done to all who have kept us in the media spotlight!*



James Campbell, MD, MS

► **James Campbell, MD, MS**, Professor, Department of Pediatrics, on February 17, 2022, appeared in an AAP town hall focused on COVID and was quoted in an *AAP News* article discussing manifestations of COVID-19 in children, as well as masking and vaccines.

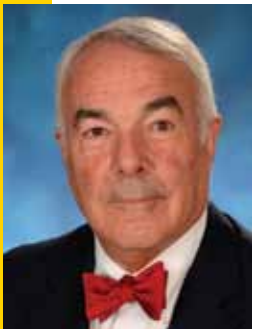
► **Wilbur Chen, MD, MS**, Professor, Department of Medicine, on February 8, 2022, tells AAMC why COVID-19 boosters continue to be important and was quoted in *Pharmacy Practice News* discussing ACIP's recommendations for vaccines for travelers. That piece ran February 26, 2022.



Wilbur Chen, MD, MS

► **Alan Cross, MD**, Professor, Department of Medicine, wrote an opinion piece on February 9, 2022, which was published in the *Washington Post* entitled: The Deadly Threat of Antibiotic Resistance Could Be Met with Vaccines.

► **Christopher D'Adamo, PhD**, Assistant Professor, Department of Family & Community Medicine, participated in a COVID-19 roundtable held by Florida Gov. Ron DeSantis and Florida Surgeon General Dr. Joseph Ladapo on March 7, 2022 on school closures and children's mental and physical health.



Alan Cross, MD



Christopher D'Adamo, PhD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was interviewed on the subject of "Artificial Intelligence and Nuclear Medicine Combined Can Help Predict Heart Attacks" by Victoria Sanchez, *ABC-7 (WJLA)*, Washington, DC, on February 23, 2022.

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, was featured on *aFox 45* epi-



Vasken Dilsizian, MD



Meagan Fitzpatrick, PhD

sode airing February 11, 2022, explaining why high quality masks are important in mitigating the risks of COVID-19.

► **Gregory Jasani, MD**, Clinical Instructor, Department of Emergency Medicine at the Baltimore VA Medical Center, co-authored (with Shruti Gujran) the guest commentary "Don't Stop at a COVID Vaccine Mandate; Flu Shot Should Be Required, Too," which was published in *The Baltimore Sun* January 17, 2022.

► **Matthew Laurens, MD, MPH**, Professor, Department of Pediatrics, was interviewed by *WBFF Fox45 Baltimore News* for a segment entitled "Changing Mask Mandates for COVID-19." The piece aired on February 18, 2022.



Matthew Laurens, MD, MPH

► **Benjamin Lawner, DO, EMT-P**, Associate Professor, Department of Emergency Medicine and Medical Director, Baltimore City Fire Department, was interviewed in late January on *WBAL-TV* for the news segment "Experts Give Advice on When to Call 911 and When Not To."



Benjamin Lawner, DO, MS, EMT-P

► **Kathy Neuzil, MD, MPH, FIDSA**, Professor, the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, was quoted in *Fortune* magazine on why it's important to vaccinate kids under 5 against COVID-19. The piece ran on February 7, 2022. She also discussed COVID vaccine development two years into the pandemic with *STAT* on February 14, 2022.



Kathleen Neuzil, MD, MPH, FIDSA

► **Mukta Srivastava, MD, FACC**, Assistant Professor, Department of Medicine, was interviewed for a segment on *Maryland Public TV's* YouTube on Cardiovascular Disease in Women and a few other topics on February 14, 2022.



Mukta Srivastava, MD

## Appointments

*We applaud our colleagues on their recent appointments!*

► **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been promoted to one of three lead accreditor positions for the Accreditation Council on Orthopaedic Manual Physical Therapy Education. In this new capacity, he will oversee the accreditation process for a third of the clinical fellowship programs in the United States.



Roy Film, PT, MPT, DPT, OCS, FAAOMPT

► **Gregory Jasani, MD**, Clinical Instructor, Department of Emergency Medicine at the Baltimore VA Medical Center, has been named co-chair of the American Academy of Emergency Medicine's Government and National Affairs Committee for a two-year term.



# Publications

*Hats off to those who have been published!*



Jennifer Albrecht, PhD

► **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Active Duty Service Members, Primary Managers, and Administrators’ Perspectives on a Novel Sleep Telehealth Management Platform in the U.S. Military Healthcare System,” which was published in *Military Medicine* on January 28, 2022.

► **Jonathan Baghdadi, MD, PhD**, Assistant Professor, **Anthony Harris, MD, MPH**, Professor, and **Daniel Morgan, MD, MS**, Professor, all from the

Department of Epidemiology & Public Health, were among the co-authors of “Clinical Yield of Multiple Testing with Respiratory Pathogen Panels,” which was published in the *Diagnostic Microbiology and Infectious Disease Journal* on December 29, 2021.



Jonathan Baghdadi, MD, PhD

► **Soren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Phase I Clinical Trial of DNA Methyltransferase Inhibitor Decitabine and PARP Inhibitor Talazoparib Combination Therapy in Relapsed/Refractory Acute Myeloid Leukemia,” which was published in *Clinical Cancer Research* on January 28, 2022.

► **Maureen Black, PhD**, Professor, Department of Pediatrics, was a co-author of “Household Unmet Basic Needs in the First 1000 Days and Preterm Birth Status,” which was published in the *Journal of Perinatology* on January 31, 2022. She also was a co-author of “Prenatal WIC is Associated with Increased Birthweight of Infants Born in the United States with Immigrant Mothers,” which was published in the *Journal of the Academy of Nutrition and Dietetics* on February 10, 2022.



Søren Bentzen, PhD, DMSc



Maureen Black, PhD

► **Qi Cao, BM, MM, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Liver Regeneration and Ethanol Detoxification: A New Link in YAP Regulation of ALDH1A1 during Alcohol-Related Hepatocyte Damage,” which was published in the April 2022 issue of the *FASEB Journal*.

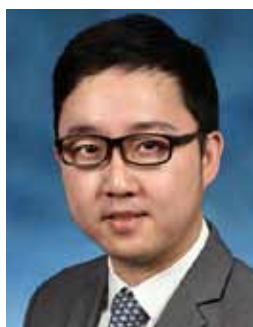
► **Chixiang Chen, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “A Statistical Framework for Recovering Pseudo-Dynamic Networks from Static Data,” which was published in *Bioinformatics* on February 26, 2022.

► **Christine Cloak, PhD**, Assistant Professor, and **Linda Chang, MD, MS**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-

authors of “Associations between Potentially Traumatic Events and Psychopathology among Preadolescents in the Adolescent Brain and Cognitive Development Study®,” which was published in the February 2022 issue of the *Journal of Traumatic Stress*. Dr. Chang was the last author. Separately, Dr. Chang was among the co-authors of “Measuring Retention within the Adolescent Brain Cognitive Development (ABCD)SM study,” which was published in the February 2022 issue of *Developmental Cognitive Neuroscience*.



Qi Cao, BM, MM, PhD



Chixiang Chen, PhD



Linda Chang, MD, MS



Howard Dubowitz, MB, ChB, MS, FAAP

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, was first author of “Neglect in Childhood, Problem Behavior in Adulthood,” which was published in the *Journal of Interpersonal Violence* on February 13, 2022, and “The Neglect of Children: Food for Thought and Action,” which was published in the *International Journal on Child Maltreatment* on February 16, 2022.

► **Jason Falvey, PT, DPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was the lead author of “Association of Financial Strain with Mortality among Older US Adults Recovering from an Acute Myocardial Infarction,” which was published in the *Journal of the American Medical Association (JAMA) Internal Medicine* on February 21, 2022. Dr. Falvey was also a co-author of “Emergency Department Care Transitions for Patients with Cognitive Impairment: A Scoping Review,” which was published in the *Journal of American Medical Directors Association* on March 2, 2022.



Jason Falvey, PT, DPT, PhD



Matthew Frieman, PhD

► **Matthew Frieman, PhD**, Associate Professor, Department of Microbiology and Immunology; **Marisa McGrath**; and **Carly Dillen, PhD**, were among the co-authors of “An Adjuvant Strategy Enabled by Modulation of the Physical Properties of Microbial Ligands Expands Antigen Immunogenicity,” which was published in *Cell* on February 17, 2022. Dr. Frieman, along with Ms. McGrath; **Robert Haupt, PhD**; Dr. Dillen; **Stuart Weston, PhD**; **Robert Johnson, PhD**; and **Holly Hammond**, were among the co-authors of “An Aluminum Hydroxide: CpG Adjuvant Enhances Protection Elicited by a SARS-CoV-2 Receptor Binding Domain Vaccine in Aged Mice,” which was published in *Science Translational Medicine* on January 26, 2022. Separately, Drs. Frieman, Johnson and Weston; Ms. Hammond; Dr. Dillen; **Jeremy Ardanuy, PhD**; and **Louis Taylor, PhD**, were among the co-authors of “Pyrimidine Inhibitors Synergize with Nucleoside Analogues to Block SARS-CoV-2,” which was published in *Nature* on February 7, 2022.

► **Olga Goloubeva, PhD, MSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Microtubule Disruption Reduces Metastasis More Effectively than Primary Tumor Growth,” which was published in *Breast Cancer Research* on February 14, 2022.



Ann Gruber-Baldini, PhD

► **Ann Gruber-Baldini, PhD**, Professor, and **Jay Magaziner, PhD, MSHyg**, Professor, both from the Department of Epidemiology & Public Health, were among the co-authors of “Telemedicine for Older Adult Nursing Home Residents to Avoid Emergency Department Visits: The Experience of the NHTeleED Project in Maryland,” which was published in the *Journal of the American Medical Directors Association* on February 26, 2022.

► **Sijai Guo, PhD**, Research Associate; **Elias Melhem, MD, PhD**; Professor and the Dean John M. Dennis Chair of Radiology; **Rao Gullapalli, PhD, MBA**, Professor; **Timothy Miller, MD**, Associate Professor; and **Dheeraj Gandhi, MBBS**, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Technical Comparison of Treatment Efficiency of Magnetic Resonance-Guided Focused Ultrasound Thalamotomy and Pallidotomy in Skull Density Ratio-Matched Patient Cohorts,” which was published in *Frontiers in Neurology* on January 21, 2022.



Elias Melhem, MD, PhD



# Publications Continued

► **Kim Hankey, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Ocular Adverse Events Associated with Chimeric Antigen Receptor T-Cell Therapy: A Case Series and Review,” which was published in the *British Journal of Ophthalmology* on February 20, 2022.



Anthony Harris, MD, MPH

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Economic Evaluation of National Patient Blood Management Clinical Guidelines in Cardiac Surgery,” which was published in the March 2022 issue of *Value in Health*.

► **Hyun Kim, MD, MHS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “PD-1 Targeted Immunotherapy for Advanced Hepatocellular Carcinoma: Current Utilization and Outcomes in the USA,” which was epublished in the February 2022 issue of *Future Oncology*.

► **Nidhi Kotwal, MBBS**, Assistant Professor, Department of Pediatrics, was the first author for “Spirometric Changes after Initiation of Hydroxyurea in Children with Sickle Cell Anemia,” which was published in the *Journal of Hematology and Oncology* on December 30, 2021.



Nidhi Kotwal, MBBS

► **Narottam Lamichhane, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Three Discipline Collaborative Radiation Therapy (3DCRT) Special Debate: A Physicist’s Time is Better Spent in Direct Patient/Provider Interaction than in the Patient’s Chart,” which was published in the *Journal of Applied Clinical Medical Physics* on February 15, 2022.



Narottam Lamichhane, PhD

► **Marcel Lanza, PhD**, Research Associate, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Neural Decoding from Surface High-density EMG Signals: Influence of Anatomy and Synchronization on the Number of Identified Motor Units,” which was posted online on February 8, 2022, for *bioRxiv*, hosted by the Cold Spring Harbor Laboratory.

► **Surbhi Leekha, MBBS, MPH**, Associate Professor, and **Daniel Morgan, MD, MS**, Professor, both from the Department of Epidemiology & Public Health, were among the co-authors of “Clinical Decision Support Systems to Reduce Unnecessary Clostridoides Difficile Testing across Multiple Hospitals,” which was published in *Clinical Infectious Diseases* on February 1, 2022.



Surbhi Leekha, MBBS, MPH

► **Jay Magaziner, PhD, MSHyG**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Advancing Clinical Trials in Nursing Homes: A Proposed Roadmap to Success” and “Stakeholders’ Views on Priorities Essential for Establishing a Supportive Environment for Clinical Trials in Nursing Homes,” both published in the February 2022 issue of the *Journal of American Geriatrics Society*.



Jay Magaziner, PhD, MSHyG

► **Laurence Magder, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Renal versus Cerebral Saturation Trajectories: The Perinatal Transition in Preterm Neonates,” which was published in *Pediatric Research* on February 17, 2022.



Laurence Magder, PhD

► **Luke Miller, MD, PGY 3**, **James Tonascia, MD, PGY 3**, and **Omer Awan,**

**MD, MPH**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were the co-authors of “Augmenting Medical Student Education: A Radiology Resident Perspective,” which was epublished in the February 2022 issue of *Academic Radiology*.



Mark Mishra, MD

► **Mark Mishra, MD**, Associate Professor, and **Jason Molitoris, MD, PhD**, Assistant Professor, both from the Department of Radiation Oncology, were among the authors of “Administering Docetaxel for Metastatic Hormone-Sensitive Prostate Cancer 1-6 Days Compared to More than 14 Days after the Start of LHRH Agonist is Associated with Better Clinical Outcomes Due to Androgen Flare,” which was published in *Cancers (Basel)* on February 9, 2022.

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, was among the authors of “Advances in Management of Locally Advanced Cervical Cancer,” which was published in the *Indian Journal of Medical Research* on February 10, 2022. He also was among the authors of “A Look Ahead at the Radiation Oncology Workforce in the United States,” a report from the American Society for Radiation Oncology Workforce Task Force, of which he is co-chair, published on March 1, 2022.



Pranshu Mohindra, MD, MBBS

► **Nariman Nezami, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Acetazolamide Enhanced Drug-Eluting Beads: Manipulating the Hepatocellular Carcinoma Microenvironment,” which was epublished in the February 2022 issue of *Minimally Invasive Therapy and Allied Technologies*.



Nariman Nezami, MD

► **Lakir Patel, MD, PGY 5** and Senior Chief; **Jonathan Ciriello, MD, PGY3**; **Kelly Bridgham, MS4**; **Jose Leon, PET MRI Technologist**; **Sandrine Yazbek, MD**, Assistant Professor; and **Prashant Raghavan, MD**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “PET/MR Imaging in Evaluating Treatment Failure of Head and Neck Malignancies: A Neck Imaging Reporting and Data System-Based Study,” which was published in the February 2022 issue of the *AJNR American Journal of Neuroradiology*.



Sandrine Yazbek, MD

► **Christina Powell, DO**, Resident; **Lauren Rosenblatt, MD**, Instructor; **Laura Bontempo, MD, MEd**, Associate Professor; **Zachary Dezman, MD, MS**, Assistant Professor, all from the Department of Emergency Medicine, co-authored “57-Year-Old Female with Unusual Left-Arm Movements,” which was published in *Clinical Practice and Cases in Emergency Medicine*. This is the most recent publication produced by UMEM’s partnership with CPC-EM, which has resulted in the publication of 22 quarterly case reports appearing in the journal section titled “Clinicopathological Cases from the University of Maryland.” Each report is authored by one resident and three faculty members.



William Regine, MD, FACR, FACRO

► **William Regine, MD**, the Isadore & Fannie Schneider Foxman Chair of Radiation Oncology, was among the authors of “An International Consensus on the Design of Prospective Clinical-Translational Trials in Spatially Fractionated Radiation Therapy,” which was published in the March–April 2022 issue of eCollection of *Advances in Radiation Oncology*.

► **Samantha Santomartino**, Research Assistant, and **Paul Yi, MD**, Assistant Professor, both from the Department of



Diagnostic Radiology and Nuclear Medicine, were the co-authors of “Systematic Review of Radiologist and Medical Student Attitudes on the Role and Impact of AI in Radiology,” which was published in the January 2022 issue of *Academic Radiology*. Separately, Dr. Yi also was the last author of “Artificial Intelligence Educational & Research Initiatives and Leadership Positions in Academic Radiology Departments,” which was epublished in the January 2022 issue of *Current Problems in Diagnostic Radiology*.

► **Angela Trude, PhD**, Postdoctoral Fellow; **Erin Hager, PhD**, Associate Professor; and **Maureen Black, PhD**, Professor, all from the Department of Pediatrics, were co-authors

of “Waking Up to Sleep’s Role in Obesity and Blood Pressure among Black Adolescent Girls in Low-Income, US Urban Communities: A Longitudinal Analysis,” which was published in *Sleep Health* on February 10, 2022.

► **Piotr Walczak, MD, PhD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “In Vivo Tracking of Unlabelled



Piotr Walczak, MD, PhD



Erin Hager, PhD

Mesenchymal Stromal Cells by Mannose-weighted Chemical Exchange Saturation Transfer MRI,” which was epublished in the February 2022 issue of *Nature Biomedical Engineering*.

► **Fan Yang, PhD**, Postdoctoral Fellow, and **Ze Wang, PhD**, Associate Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Functional Connectome Mediates the Association between Sleep Disturbance and Mental Health in Preadolescence: A Longitudinal Mediation Study,” which was epublished in the January 2022 issue of *Human Brain Mapping*.



Paul Yi, MD

► **Paul Yi, MD**, Assistant Professor, and **Kenneth Wang, MD, PhD**, Adjunct Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Machine vs. Radiologist-Based Translations of RadLex: Implications for Multi-Language Report Interoperability,” which was epublished in the February 2022 issue of the *Journal of Digital Imaging*.



Ze Wang, PhD

## Patents

*We applaud the innovators among us!*

► **Richard Thompson, PhD**, Associate Professor; **Hui Hui Zeng, PhD**; and **Henryk Szmecinski, PhD**, Adjunct Associate Professor, all from the Department of Biochemistry and Molecular Biology, and Dr. Imre Lengyel from The Wellcome-Wolfson Institute for Experimental Medicine, Queen’s University Belfast, Northern Ireland, were awarded a patent for “Methods for Detecting and/or Predicting Age-Related Macular Degeneration and/or Alzheimer’s Disease.”



Richard Thompson, PhD

### HOW TO SUBMIT INFORMATION TO THE *Buzz*

If you would like to acknowledge an award, presentation, publication, or other noteworthy accomplishments, please send the information to the liaison within your department, program, center or office.

OR

You may submit your *Buzz* items online:  
<https://umbforms.wufoo.com/forms/z150ub5x10bz167/>

## Research Communications Network

*Many thanks to the following who serve as your liaison for the information you see in What’s the Buzz?*

#### DEPARTMENTS

- **Anatomy & Neurobiology:** Leslie Fitzpatrick  
lfitzpatrick@som.umaryland.edu
- **Anesthesiology:** Candace Gaphardt  
cgaphardt@som.umaryland.edu
- **Biochemistry & Molecular Biology:** Qun Zhou  
qzhou@som.umaryland.edu
- **Dermatology:** Laurie Timberlake  
ltimberlake@som.umaryland.edu  
Betsy Satosky | fsatosky@som.umaryland.edu
- **Diagnostic Radiology & Nuclear Medicine:**  
Brigitte Pocta | bpocta@umm.edu
- **Emergency Medicine:** Eileen O’Brien  
EOBrien@som.umaryland.edu
- **Epidemiology & Public Health:**  
Erin C. Walton, LCSW-C  
erin.walton@som.umaryland.edu
- **Family & Community Medicine:**  
Cathy Malecki | CathyMalecki@som.umaryland.edu  
Erinn Smith | ErSmith@som.umaryland.edu
- **Medicine:** Molly Lutz  
mlutz@medicine.umaryland.edu
- **Microbiology & Immunology:**  
Cecilia Lizer | clizer@som.umaryland.edu
- **Neurology:** Penelope Birkhead  
pbirkhead@som.umaryland.edu
- **Neurosurgery:** Jake Balter  
jbalter@som.umaryland.edu
- **OB-GYN:** Robin Kissinger  
rkissinger@fpi.umaryland.edu

- **Ophthalmology:** Amy Kopec  
akopec@som.umaryland.edu
- **Orthopaedics:** Dori Kelly  
dkelly@umoa.umm.edu
- **Otorhinolaryngology:** Zubair Ahmed  
zahmed@som.umaryland.edu
- **Pathology:** Lisa Rodgers  
LiRodgers@som.umaryland.edu
- **Pediatrics:** Denise Hansen  
dhansen@som.umaryland.edu
- **Pharmacology:** Shalon Edwards  
NEdwards@som.umaryland.edu
- **Physical Therapy & Rehabilitation Science:**  
Donna Bethke  
dbethke@som.umaryland.edu
- **Physiology:** Marty Lind  
mlind@som.umaryland.edu
- **Psychiatry /BSRCU:** Lisa Cleary  
lcleary@psych.umaryland.edu
- **Radiation Oncology:** Nancy Knight  
nknight@umm.edu
- **Surgery:** Michele Mehrling  
mmehrling@gmail.umaryland.edu

#### INSTITUTES

- **Institute for Genome Sciences (IGS):**  
Sarah Pick | spick@som.umaryland.edu  
Riham Keryakos | rkeryakos@som.umaryland.edu

- **Institute of Human Virology (IHV):**  
Nora Samarayanake  
nsamarayanake@ihv.umaryland.edu
- **Institute for Clinical & Translational Research (ICTR):** Meriem Gaval Cruz  
meriem.gavalcruz@umaryland.edu
- **RESEARCH CENTERS**
- **Center for Biomedical Engineering and Technology (BioMet):** Pamela Wright  
pbwright@umaryland.edu
- **Center for Integrative Medicine:**  
Rebekah Owens | rowens@som.umaryland.edu
- **Center for Stem Cell Biology:**  
Evets Morgan | emorgan@som.umaryland.edu
- **Center for Vaccine Development and Global Health:** Andrew Lentini  
alentini@som.umaryland.edu
- **Center for Vascular & Inflammatory Diseases:**  
Yan Sun | yansun@som.umaryland.edu
- **Center for Innovative Biomedical Resources (CIBR):** Thomas McHugh  
tmchugh@som.umaryland.edu
- **Center for Research on Aging:** Hannah Andrews  
handrews@som.umaryland.edu
- **Center for Shock, Trauma and Anesthesiology Research (STAR-ORC):**  
Gabriela Felton | gfelton@anes.umm.edu

#### RESEARCH PROGRAMS

- **Program in Comparative Medicine:**  
Deborah Sanchez | dsanchez@umaryland.edu
- **Program in Genetics & Genomic Medicine:**  
Ruth Cosentino | rcosenti@som.umaryland.edu

- **Program in Health Equity and Population Health:** Laundette Jones  
lpjones@som.umaryland.edu
- **Program in Neuroscience:** Georgia Rogers  
grogers@som.umaryland.edu
- **Program in Oncology:** Kelli Carroll  
kcaroll@umm.edu
- **Program in Trauma:** Betsy Burcham  
bburcham@umm.edu
- **ACADEMIC PROGRAMS**
- **Graduate Programs in Life Sciences (GPILS):**  
Sharron Graves | sgraves@som.umaryland.edu
- **Medical Scientist Training Program (MSTP):**  
Jane Bacon | jbacon@som.umaryland.edu
- **MD Admissions:** Sandra Quezada  
squezada@medicine.umaryland.edu
- **Medical & Research Technology:**  
Cynthia Stambach  
cstambach@som.umaryland.edu
- **Masters of Public Health (MPH):**  
Kara Longo | klongo@som.umaryland.edu

#### ADMINISTRATIVE UNITS

- **Faculty Affairs:** Robertha Simpson  
rsimpson@som.umaryland.edu
- **Information Services:** Sharon Bowser  
sbowser@som.umaryland.edu
- **Research Career Development:**  
Stacie Mendoza  
smendoza@som.umaryland.edu
- **Student Affairs:** TBA
- **Student Research:** Jean Marie Roth  
jroth@som.umaryland.edu