

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

Honors & Awards

Congratulations to the following who have received honors!



Laura Bontempo, MD

► **Laura Bontempo, MD**, Associate Professor of Emergency Medicine and Assistant Director for Faculty Development & Resident Education in the Department of Emergency Medicine, has received the National Emergency Medicine Faculty Teaching Award from the American College of Emergency Physicians (ACEP). The award recognizes an outstanding educator in emergency medicine for excellence in teaching, commitment to advancing the specialty, development of innovative educational programs, and contributions to community, regional and global programs.

The award will be presented in September 2022 at ACEP's annual conference.

► **Meagan Deming, MD, PhD**, Department of Medicine, was named a "Leading Woman Under 40" by *The Daily Record*.



Meagan Deming, MD, PhD

► **Amal Mattu, MD**, Professor of Emergency Medicine and Vice Chair of Academic Affairs, is honored in two of the Israel Association for Emergency Medicine's annual awards: The Professor Amal Mattu Prize for Best Resuscitation and The Professor Amal Mattu Prize for Best Research Project.



Amal Mattu, MD

► **Mark Mishra, MD**, Associate Professor, Department of Radiation Oncology, was appointed in June as Co-Chair of the influential RTOG Foundation Research Committee, effective July 1, 2022. The foundation continues the NCI-funded research of the original Radiation Therapy Oncology Group through its membership in NRG Oncology and has developed a portfolio of industry-funded research partnerships that seek to advance effective therapies and improve quality of life for patients

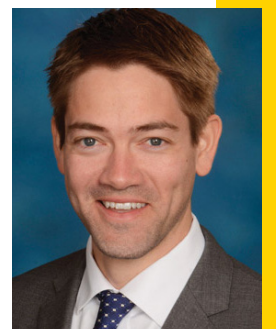


Mark Mishra, MD

with cancer. The committee is responsible for reviewing and prioritizing the scientific strength of proposed trial concepts, assisting in development of approved protocols, and identifying future research directions for the RTOG Foundation.

► **Jason Molitoris, MD, PhD**, Assistant Professor, and **Mark Mishra, MD**, Associate Professor, both with the Department of Radiation

Oncology, were named in June 2022 as recipients of Physician of the Year awards presented by *The Daily Record* as part of its annual Healthcare Heroes recognitions.



Jason Molitoris, MD, PhD



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, has been named Vice-President of the 2022-2023 Board of Directors for the National Foundation for Infectious Diseases (NFID).

► **Amit Sawant, PhD**, Professor and Vice Chair for Medical Physics, Department of Radiation Oncology, was inducted as a Fellow in the American Association of Physicists in Medicine on June 16, 2022, at the society's annual meeting in Washington, DC.



Amit Sawant, PhD

Appointments

We applaud our colleagues on their recent appointments!



Mark Mishra, MD

► **Mark Mishra, MD**, Associate Professor, Department of Radiation Oncology, has been named as Associate Director of the University of Maryland Cancer Network. Dr. Mishra assumed the title on July 1, 2022. He succeeds **John Olson, MD, PhD**, who is leaving UMMC/UMSOM to become head of the Department of Surgery at Washington University School of Medicine in St. Louis.

Presentations, Events, Lectures, & Workshops

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

► **Michael Anderson, MS**, PhD Candidate, Department of Physiology, Program in Neuroscience, presented an invited lecture at the Gordon Conference on Synaptic Transmission held in Barga, Italy, in June 2022. The topic of his presentation was “Direct Visualization of Triheteromeric NMDA Receptor Trafficking and Organization.”

► **Thomas Blanpied, PhD**, Professor, Department of Physiology, presented a lecture at the Interdisciplinary Center for Neurosciences at the University of Heidelberg, Germany, entitled “Molecular Control of Subsynaptic Architecture.” Dr. Blanpied also presented a lecture at the 45th Annual Meeting of the Japan Neuroscience Society, held virtually in Okinawa, Japan, from June 30-July 3, 2022. His lecture was part of a symposium on “Visualization of Synaptic Dynamics” and was entitled “Synaptic Nanoorganization that Controls Receptor Activation.”



Thomas Blanpied, PhD



Vicki Gray, MPT, PhD

► **Marcel Lanza, PhD**, Research Associate, and **Vicki Gray, MPT, PhD**, Assistant Professor, both with the Department of Physical Therapy & Rehabilitation Science, attended the annual meeting of the International Society of Electrophysiology and Kinesiology (ISEK), which was held in Quebec City, Canada, from June 22-25, 2022. They co-presented a poster entitled “Early Muscle Activation of the Hip Abductors in Older Adults with Fall Risk.”

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, and Vice Chair of Academic Affairs, was the keynote speaker at the 25th Annual Scientific Assembly of the Israel Association for Emergency Medicine on June 30, 2022, where he delivered a presentation entitled “Why You Matter” and conducted an ECG workshop. Dr. Mattu also presented Emergency Medicine Grand Rounds at the Charles E. Schmidt College of Medicine of Florida Atlantic University in Boca Raton, FL, on May 31, 2022, where he lectured on electrocardiography and on pitfalls in Advanced Cardiovascular Life Support. He also presented a six-hour Advanced Electrocardiography Workshop and three other emergency cardiology lectures at The Heart Course offered by the Center for Emergency Medical Education (CEME) on May 22-23, 2022, as well as two emergency cardiology/risk management lectures as part of a CME course in High-Risk Emergency Medicine.



Amal Mattu, MD

► **Joana Carneiro Da Silva, PhD**, Professor, Department of Microbiology & Immunology, Institute for Genome Sciences, was an invited speaker at the 16th Brazilian Malaria Research Meeting (XVI RNPM), Rio de Janeiro, held April 23-28, 2022. She presented “Leveraging Allele-specific Efficacy of a Whole Organism-based Vaccine Tested against Field Strains to Identify Candidate Targets of Vaccine-induced Protection.”



Joana Carneiro Da Silva, PhD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, delivered an oral presentation entitled “Infiltrative Cardiomyopathies: Imaging Cardiac Sarcoidosis,” as well as moderated a session entitled “Beyond the Myocardium: Aortic and Peripheral Vascular Disease,” both at the Society of Nuclear Medicine and Molecular Imaging Annual Scientific Sessions, held in Vancouver, Canada, held on June 11, 2022.



Vasken Dilsizian, MD

► **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science, attended the American Council of Academic Physical Therapy’s (ACAPT) National Equity, Diversity, and Inclusion Summit, which was held at Ohio State University from June 27-29, 2022. He was one of 100 invited leaders from academic physical therapy, other health professions, law, education, business, and engineering.



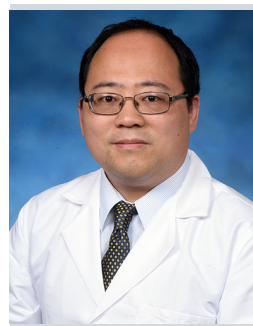
Roy Film, PT, DPT, OCS, FAAOMPT

► **Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science, recently completed the Advanced Vestibular Physical Therapist (AVPT) certification program. Dr. Horn started this program in April 2021, which consisted of three online modules and one onsite course held in April 2022 at the University of Pittsburgh. The Advanced Vestibular Certificate Program is a comprehensive didactic experience in vestibular physical therapy that prepares and certifies physical therapists to be front-line providers for patients experiencing balance, dizziness, and abnormal proprioception.



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

Practical AI Symposium in Radiation Oncology



Lei Ren, PhD

► The **Department of Radiation Oncology** hosted a symposium on Practical Artificial Intelligence (AI) in Radiation Oncology on July 15, 2022. This one-day CME-accredited course included lectures from well-known faculty and thought leaders at the intersection of AI and radiation oncology. Offered both in-person and in virtual formats, the course was the focus of much interest from practitioners and trainees and generated promising discussions on future collaborations. Presentations were intended to

provide introductory training for clinicians and researchers on the basic concepts, advances, implementation, and adoption of AI in clinical practice. The symposium was specifically tailored to the practical AI interests of medical physicists, physicians, and researchers. Course directors were **Lei Ren, PhD**, and **Amit Sawant, PhD**, both professors in the Department of Radiation Oncology.

Maryland Radiation Oncology at AAPM

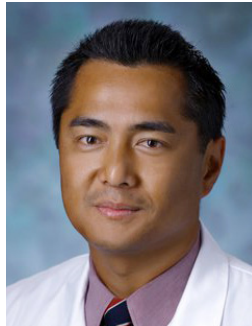
► **Department of Radiation Oncology** members presented their research in a broad range of educational and other forums at the 64th annual meeting of the American Association of Physicists in Medicine (AAPM), July 10–14 in Washington, DC. With almost 50 presentations and additional service on panels and in other sessions, the department was well represented across its many areas of research and practice implementation. The theme of this year’s meeting was “Celebrating medical physics, transforming human health.”

► **Søren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology and Public Health, was named as the 2022 Anne and Donald Herbert Distinguished Lecturer in Statistical Modeling, speaking on “Models and Modeling in Radiation Oncology: What’s Next?”



Søren Bentzen, PhD, DMSc

► Dr. Sawant served as the 2022 AAPM Therapy Scientific Track Director. **Phuoc Tran, MD, PhD**, Professor in the Department of Radiation Oncology, moderated a scientific symposium on “Radiotherapy and the Immune system.” **Arezoo Modiri, PhD**, Assistant Professor; **Sina Mossahebi, PhD**, Assistant Professor; **Lei Ren, PhD**, Professor; and **Esther Vicente, PhD**, Faculty Research Associate; all with the Department of Radiation Oncology, served as moderators of other scientific and educational sessions.



Phuoc Tran, MD, PhD

Maryland Radiation Oncology at AAMD

► The **Department of Radiation Oncology** medical dosimetrist staff was well represented at the 47th annual meeting of the American Association of Medical Dosimetrists, which was held in Baltimore, MD, from June 19–23, 2022. Among the Maryland dosimetrists presenters were **David Alicia, CMD**; **Eric Kusamaul, CMD**; **Kimberley Marter, CMD**; and **Michelle Mundis, CMD**. Other Maryland staff dosimetrists attended the meeting and participated in associated activities.

Grants & Contracts

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



Lynda Coughlan, PhD

► **Lynda Coughlan, PhD**, Assistant Professor, Department of Microbiology & Immunology, has received a \$1,952,609 NOA from the National Institute of Allergy and Infectious Diseases (NIAID) for a four-year R01 entitled “Combining Innovative Molecular Adjuvanting Approaches with Novel Adenoviral Vector Delivery to Generate a Universal Influenza Vaccine.”

► **Katherine Goodman, PhD, JD**, Assistant Professor, Department of Epidemiology & Public Health, was awarded \$29,000 by the University of Maryland Baltimore and the University of Maryland College Park for “Applying Natural Language Processing to Electronic Health Records to Prevent Infections with Highly Antibiotic-resistant Bacteria.”



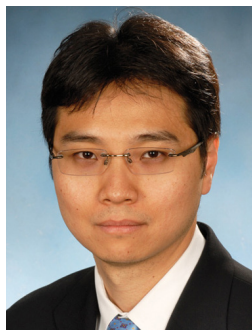
Katherine Goodman, PhD, JD



Anthony Harris, MD, MPH

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, was awarded \$73,954 by the Centers for Disease Control and Prevention for “Johns Hopkins Prevention Epicenter: Transdisciplinary Research Approaches to Prevent Healthcare Associated Infections and Antibiotic Resistance.”

► **Anthony Kim, PhD**, Associate Professor, Departments of Neurosurgery and Pharmacology, was awarded a four-year, \$1,109,041 Veterans Affairs (VA) Merit Award for “Novel Drug Delivery Strategies for Treatment of Breast Cancer Brain Metastases.”



Anthony Kim, PhD



Miriam Laufer, MD

► **Miriam Laufer, MD**, Professor, Departments of Pediatrics, Medicine, and Epidemiology & Public Health, has received a \$639,000 NOA from the National Institutes of Health (NIH) for a three-year project titled “Long-term Neurocognitive Outcomes of HIV-exposed Uninfected Children.”

two-year, \$2,192,938 grant from the Centers for Disease Control and Prevention for “Statewide Prevention and Reduction Collaborative (SPARC).”

► **Surbhi Leekha, MBBS, MPH**, Associate Professor, Department of Epidemiology & Public Health, was awarded a



Surbhi Leekha, MBBS, MPH

► **Marcela Pasetti, PhD**, Professor, Department of Microbiology & Immunology, has received a \$3,843,317 NOA from the National Institute of Allergy and Infectious Diseases (NIAID) for a five-year R01 entitled “Mechanisms of Protection Against Shigellosis in Children.”



Marcela Pasetti, PhD

► **David Serre, PhD**, Associate Professor, Department of Microbiology & Immunology, Institute for Genome Sciences, received a five-year, \$3,432,629 grant from the National Institute of Allergy & Infectious Disease (NIAID) for “Host and Parasite Factors Influencing *P. vivax* RBC Invasion and Asexual Development.”

In the News

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



Ashley Crimmins, MD

► **Ashley Crimmins, MD**, Clinical Assistant Professor, Department of Emergency Medicine, was featured in a *Baltimore Sun* article published May 31, 2022, entitled “Kids Aren’t Skipping Just COVID Vaccines: Health Experts Fear Measles, Other Threats on the Horizon.”

► **Matthew Laurens, MD, MPH**, Professor, Department of Pediatrics, was interviewed by *WJLA ABC7* Washington, DC News for a segment entitled “What People Should Know about Monkeypox.” He also was interviewed by Alhurra, U.S. Agency for Global Media, for a segment entitled “COVID-19 Vaccines Recommended for Children Down to 6 Months of Age.”



Matthew Laurens, MD MPH



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, was quoted in *National Geographic* in an article entitled “Young Adults are Volunteering to Get COVID-19 – for Science,” as well as by *The Washington Post* for an article that focused on the Novavax vaccine’s path toward its application for FDA Emergency Use Authorization.

Publications

Hats off to those who have been published!



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Professor, and **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Leisure-time Physical Activity is Associated with Reduced Risks of Breast Cancer and Triple Negative Breast Cancer in Nigerian Women,” which was published in *Cancer Epidemiology* on June 16, 2022.

► **Jason Adler, MD**, Clinical Assistant Professor, Department of Emergency Medicine, and **Ben Lawner, DO, EMT-P**,

Associate Professor, Department of Emergency Medicine, and Medical Director, Maryland ExpressCare Critical Care Transport and the Baltimore City Fire Department, are among the authors of a new chapter on “Emergency Medicine Documentation (US),” which was published in *CorePendium* on July 7, 2022. The searchable, continuously updated online emergency medicine textbook is published by Emergency Medicine Reviews and Perspectives. Dr. Lawner is a section editor, and **Amal Mattu, MD**, Professor of Emergency Medicine and Vice Chair of Academic Affairs, is the co-editor-in-chief.



Jason Adler, MD

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “COVID-19 and Virtual Medical Student Education,” which was published in the April 2022 issue of *Academic Radiology*. Epub ahead of print.

► **Søren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Methodological Comparison of Mapping the Expanded Prostate Cancer Index Composite to EuroQoL-5D-3L Using Cross-Sectional and Longitudinal Data: Secondary Analysis of NRG/RTOG 0415,” which was published in the June 2022 issue of *JCO Clinical Cancer Informatic*. He also was a co-author of “ESTRO ACROP and SIOPE Recommendations for Myeloablative Total Body Irradiation in Children,” which was published in *Radiotherapy and Oncology* on May 31, 2022.



Soren Bentzen, PhD, DMSc



Maureen Black, PhD

► **Maureen Black, PhD**, Professor, Department of Pediatrics, was a co-author of “Preschoolers BMI: Associations with Patterns of Caregivers’ Feeding Practices Using Structural Equation Models,” which was published in *Childhood Obesity* on June 1, 2022

► **Uttam Bodanapally, MBBS**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Artificial Intelligence with Statistical Confidence Scores for Detection of Acute or Subacute Hemorrhage on Non-contrast CT Head Scans,” which was published in the April 2022 issue of *Radiology Artificial Intelligence*.



Uttam Bodanapally, MBBS



Nabeel Akhter, MBBS

► **Nabeel Akhter, MBBS**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Transradial versus Transfemoral Arterial Access in Yttrium-90 Microspheres Radioembolization for Hepatocellular Carcinoma,” which was published in the May 2022 issue of the *Journal of Clinical Imaging Science* and of “Percutaneous CT-guided Superior Mesenteric Vein Access for Portal Vein Recanalization-Transjugular Intrahepatic Portosystemic Shunt,” which was published in the May 2022 issue of *Radiology Case Reports*. He also is among the co-authors of “Survival and Toxicities after 90Y Transarterial Radioembolization of Metastatic Colorectal Cancer in the RESIN Registry,” which was published in the June 2022 issue of *Radiology*. Epub ahead of print.

► **Hegang Chen, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Characteristics Associated with Healthcare Worker Knowledge and Confidence in Elastomeric Half-Mask Respirator Use,” which was published in the *Journal of Occupational and Environmental Medicine* on June 14, 2022.

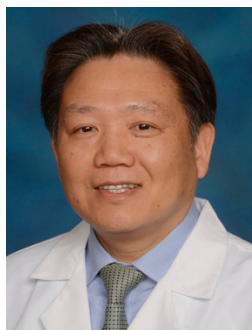


Rong Chen, PhD

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Aberrant Neural Activity in Prefrontal Pyramidal Neurons Lacking TDP-43 Precedes Neuron Loss,” which was published in the August 2022 issue of *Programs in Neurobiology*. Epub June 4, 2022.

► **Wengen Chen, MD, PhD**, Professor, and **Vasken Dilsizian, MD**, Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine,

were co-authors on a consensus document entitled “Hot Spot Imaging in Cardiovascular Diseases: An Information Statement from SNMMI, ASNC, and EANM,” which was published simultaneously in the July 2022 issues of the *Journal of Nuclear Medicine* and the *Journal of Nuclear Cardiology*.



Wengen Chen, MD, PhD

► **Joana Carneiro Da Silva, PhD**, Professor, Department of Microbiology & Immunology, Institute for Genome Sciences (IGS), co-led the publication of “Plasmodium falciparum 7G8 Challenge Provides Conservative Prediction of Efficacy of PfNF54-based PfSPZ Vaccine in Africa.” **Ankit Dwivedi, PhD**, Bioinformatics Analyst II, IGS, and **Kirsten Lyke, MD**, Professor, Department of Medicine, Center for Vaccine Development and Global Health, were also co-authors. The piece was published in *Nature Communications* on June 13, 2022.



Joana Carneiro Da Silva, PhD

► **Vasken Dilsizian, MD**,

Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the lead author on an editorial entitled “Assessing Plaque with Nuclear Imaging - What Do We Really Know?” which was published in the July 2022 issue of the *Journal of the American College of Cardiology: Cardiovascular Imaging*. He also was a co-author on an editorial entitled “The Impact of Revascularization on Mortality: A Debate on Patient Selection Bias versus Entry Bias,” which was published in the July 2022 issue of the *Journal of the American College of Cardiology*.



Vasken Dilsizian, MD

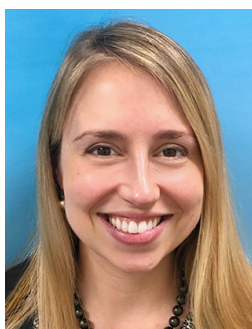
Vahid Etezadi, MD, Assistant Professor, and **Nariman Nezami, MD**, Associate Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Image-Guided Percutaneous Ablation for Primary and Metastatic Tumors,” which was published in *Diagnostics (Basel)* on May 24, 2022. Dr. Nezami was the last author. Separately, Dr. Nezami was the last author of “Surgical Resection, Radiotherapy and Percutaneous Thermal Ablation for Treatment of Stage 1 Non-small Cell Lung Cancer: Protocol for a Systematic Review and Network Meta-analysis,” which was published in the



Vahid Etezadi, MD

June 2022 issue of *BMJ Open* and was a co-author in “Selective Internal Radiation Therapy with Yttrium-90 for Intrahepatic Cholangiocarcinoma: A Systematic Review on Post-Treatment Dosimetry and Concomitant Chemotherapy,” which was published in the May 2022 issue of *Current Oncology*.

► **Katherine Goodman, PhD, JD**, Assistant Professor; **Jonathan Baghdadi, MD, PhD**, Assistant Professor; **Laurence Magder, PhD**, Professor; and **Anthony Harris, MD, MPH**, Professor, all with the Department of Epidemiology & Public Health, were among the co-authors of “Patterns, Predictors, and Inter-Center Variability in Empiric Gram-



Katherine Goodman, PhD, JD

Negative Antibiotic Use Across 928 U.S. Hospitals,” which was published in the *Journal of Clinical Infectious Disease* on June 23, 2022.



Ann Gruber-Baldini, PhD

► **Ann Gruber-Baldini, PhD**, Professor; **Jennifer Albrecht, PhD**, Associate Professor; **Jack Guralnik, MD, PhD, MPH**, Professor; **Jennifer Albrecht, PhD**, Associate Professor; and **Michelle Shardell, PhD**, Professor; all with the Department of Epidemiology & Public Health, were among the co-authors of “Traumatic Brain Injury and Risk of Long-Term Nursing Home Entry among Older Adults: An Analysis of Medicare Administrative Claims Data,” which was published in the *Journal of Neurotrauma* on July 6, 2022.

► **Rydhwana Hossain, MD**, Assistant Professor; **Allison Herring, MD**, Assistant Professor; **Jean Jeudy, MD**, Professor; and **Charles White, MD**, Professor; all with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Prone Chest Radiographs: Distinguishing Features and Identification of Support Devices,” which was published in *Lung* on June 16, 2022. Epub ahead of print. Separately, Dr. White was the last author of “A Case of Incomplete Kawasaki Disease Complicated by Acute Coronary Syndrome Initially Diagnosed on Coronary CT Angiography,” which was published in the *Korean Circulation Journal* on April 28, 2022. Epub



Julie Dunning Hotopp, PhD

► **Julie Dunning Hotopp, PhD**, Professor, Department of Microbiology & Immunology, Institute for Genome Sciences, was a senior author of “Accumulation of Endosymbiont Genomes in an Insect Autosome Followed by Endosymbiont Replacement,” which was published in *Current Biology* on May 31, 2022.

► **Aksinija Kogan; Anna Dellomo; Lora Stojanovic; and Lena McLaughlin**; all Doctoral Students, along with **Feyruz Rassool, PhD**, Professor, all with the Department of Radiation Oncology, were among the authors of “Activating STING1-Dependent Immune Signaling in *TP53* Mutant and Wild-Type Acute Myeloid Leukemia,” which appeared in the *Proceedings of the National Academy of Sciences USA* on July 5, 2022.

► **Marcel Lanza, PhD**, Research Associate; **Kelly Rock, PT, DPT, PCS**, PhD Candidate; **Victoria Marchese, PT, PhD**, Jane Kroh Satterfield Professor of Physical Therapy & Rehabilitation Science and Chair, Department of Physical Therapy & Rehabilitation Science; along with **Vicki Gray, MPT, PhD**, Assistant Professor, and **Odessa Addison, DPT, PhD**, Associate Professor, also with the Department of Physical Therapy & Rehabilitation Science, are co-authors on the publication entitled, “Ultrasound Measures of Muscle Thickness and Subcutaneous Tissue from the Hip

Abductors: Inter- and Intra-rater Reliability.” This article was published online in the journal *Musculoskeletal Science and Practice* on June 24, 2022.



Ben Lawner, DO, EMT-P

► **Ben Lawner, DO, EMT-P**, Associate Professor; Department of Emergency Medicine, along with **Gregory Jasani, MD**, Clinical Instructor of Emergency Medicine, and Emergency Medicine Residents **Bryan McNeilly, MD**; **Garrett Cavaliere, DO**; and **Reem Alfalasi, MBChB**; are among the authors of “The Rising Threat of Terrorist Attacks Against Hospitals,” which was published in the April 2022 issue of *Prehospital and Disaster Medicine*.

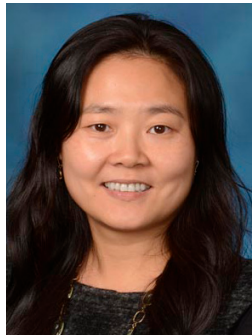
Publications Continued



Surbhi Leekha, MBBS, MPH

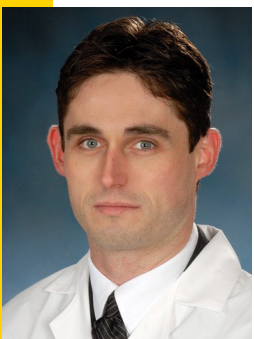
► **Surbhi Leekha, MBBS, MPH**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Optimization in the Context of COVID-19 Prediction and Control: A Literature Review,” which was published in *IEEE Access* on September 17, 2021.

► **Yuanyuan Liang, PhD, MSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “COVID-19 Vaccine Acceptance Among US Parents: A Nationally Representative Survey,” which was published in the *Journal of the Pediatric Infectious Diseases Society* on June 24, 2022.



Yuanyuan Liang, PhD, MSc

► **Timothy Miller, MD**, Associate Professor; **Gaurav Jindal, MD**, Associate Professor; and **Dheeraj Gandhi, MBBS**, Professor; all with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Excessive Platelet Inhibition Following Pipeline Embolization of Intracranial Aneurysms,” which was published in the June 2022 issue of the *Journal of Neurointerventional Surgery*. Epub ahead of print. Dr. Miller was the first author and Dr. Gandhi was the last author.



Timothy Miller, MD

► **Mark Mishra, MD**, Associate Professor, Department of Radiation Oncology, was the senior author of “Methodological Comparison of Mapping the Expanded Prostate Cancer Index Composite to EuroQoL-5D-3L Using Cross-Sectional and Longitudinal Data: Secondary Analysis of NRG/RTOG 0415,” which was published in the June 2022 issue of *JCO Clinical Cancer Informatics*. Dr. Mishra was also among the authors of “Exposure to Radon and Heavy Particulate Pollution and Incidence of Brain Tumors,” which was published on June 28, 2022 ahead of print in *Neuro-Oncology* and of “⁶⁸Ga-DOTATATE PET: The Future of Meningioma Treatment,” which was published in the *International Journal of Radiation Oncology, Biology, Physics* on July 15, 2022.



Mark Mishra, MD

► **Jason Molitoris, MD, PhD**, Assistant Professor, and **William Regine, MD**, Professor and Chair, both with the Department of Radiation Oncology, were among the authors of “Radiation Therapy and Malignant Fistulae of Anorectal Cancers,” which was published on June 16, 2022 ahead of print in *Practical Radiation Oncology*.



Jason Molitoris, MD, PhD

► **Daniel Morgan, MD, MS**, Professor; **Surbhi Leekha, MBBS, MPH**, Associate Professor; and **Anthony Harris, MD, MPH**, Professor; all with the Department of Epidemiology & Public Health, were among the co-authors of “The Impact of Universal Glove and Gown Use on *Clostridioides difficile* Acquisition, A Cluster Randomized Trial,” which was published in the *Journal of Clinical Infectious Disease* on July 1, 2022.



Anthony Harris, MD, MPH

► **Rebecca Nowak, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “Associations of Gender Identity with Sexual Behaviors, Social Stigma and Sexually Transmitted Infections among Adults Who Have Sex with Men in Abuja and Lagos, Nigeria,” which was published in the July 2022 issue of the *Journal of the International AIDS Society*.



Rebecca Nowak, PhD



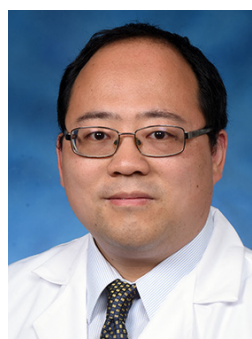
Lyndsay O'Hara, PhD, MPH

► **Lyndsay O'Hara, PhD, MPH**, Assistant Professor, and **Anthony Harris, MD, MPH**, Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Mitigating Hospital-onset *Clostridioides difficile*: The Impact of an Optimized Environmental Hygiene Program in Eight Hospitals,” which was published in *Infection Control and Hospital Epidemiology* on June 20, 2022.

► **Jeremy Polf, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Comparison of Reconstructed Prompt Gamma Emissions Using Maximum Likelihood Estimation and Origin Ensemble Algorithms for a Compton Camera System Tailored to Proton Range Monitoring,” which was published on June 21, 2022, ahead of print in *Zeitschrift für Medizinische Physik*.



Jeremy Polf, PhD



Lei Ren, PhD

► **Lei Ren, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Fast Four-Dimensional Cone-Beam Computed Tomography Reconstruction Using Deformable Convolutional Networks,” which was published in *Medical Physics* on June 17, 2022. Epub ahead of print.

► **Samantha Santomartino**, Research Assistant, and **Paul Yi, MD**, Assistant Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Artificial Intelligence (AI) for Fracture Diagnosis: An Overview of Current Products and Considerations for Clinical Adoption, from the AJR Special Series on AI Applications,” which was published in the *American Journal of Roentgenology* on June 22, 2022. Epub ahead of print. Dr. Yi was the last author.



Paul Yi, MD



Kristen Stafford, PhD, MPH

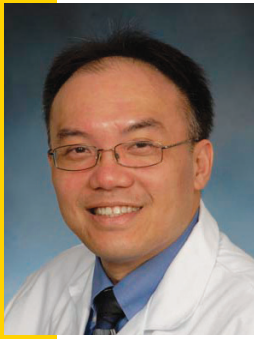
► **Kristen Stafford, PhD, MPH**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Treatment-Experienced Patients on Third-Line Therapy: A Retrospective Cohort of Treatment Outcomes at the HIV Advanced Treatment Centre, University Teaching Hospital, Zambia,” which was published in *AIDS Research and Human Retroviruses* on July 1, 2022, as well as “Mapping HIV Prevalence in Nigeria Using Small Area Estimates to Develop a Targeted HIV Intervention Strategy,” which appeared in *PLOS One* on June 8, 2022.

► **Eileen Stock, PhD**, Assistant Professor, and **Kousick Biswas, PhD**, Associate Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Costs of Endoscopic vs. Open Vein Harvesting for Coronary Artery Bypass Grafting: A Secondary Analysis of the REGROUP Trial,” which was published in *JAMA Network Open* on June 1, 2022.



Phuoc Tran, MD, PhD

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Prostate Cancer Therapy Personalization via Multi-modal Deep Learning on Randomized Phase III Clinical Trials,” which was published in *NPJ Digital Medicine* on June 8, 2022.



Quincy Tran, MD, PhD

► **Quincy Tran, MD, PhD**, Associate Professor, Department of Emergency Medicine, and **Kaitlyn Tang, BS**, Research Associate, are among the authors of “Tranexamic Acid and Gastrointestinal Bleed: Effect of the HALT-IT Trial on Current Meta-analysis,” which was published online in the *American Journal of Emergency Medicine* on June 25, 2022.

► **Piotr Walczak, MD, PhD**, Professor, and **Mirosław Janowski, MD, PhD**, Associate Professor, both with the Department of Diagnostic

Radiology & Nuclear Medicine, were among the co-authors of “Transplantation of Human Glial Progenitors to Immunodeficient Neonatal Mice with Amyotrophic Lateral Sclerosis (SOD1/rag2),” which was published in *Antioxidants (Basel)* on May 26, 2022. Dr. Janowski was the last author.



Piotr Walczak, MD, PhD

► **Bruce Wasserman, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Survey of the American Society of Neuroradiology Membership on the Use and Value of Intracranial Vessel Wall MR,” which was published in the *American Journal of Neuroradiology* on June 16, 2022. Epub ahead of print.

► **Gentry Wilkerson, MD**, Associate Professor, Department of Emergency Medicine, is among the authors of “Facemasks: Perceptions and Use in an ED Population during COVID-19,” which was published in *PLOS ONE* on April 13, 2022. The article reported a study to assess beliefs, access, and practices of mask wearing among patients seen in 15 urban emergency departments across the country. Dr. Wilkerson, along with **Bobbi Lowie, MD**, Emergency Medicine Resident, also authored “Lower Gastrointestinal Bleeding,” which appeared in *Emergency Medicine Reports* on June 1, 2022.



Gentry Wilkerson, MD

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 | EO'Brien@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@smail.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 | kcaroll1@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:** TBD
- **Center for Advanced Research Training & Innovation (CARTI):** Stacie Mendoza | smendoza@som.umaryland.edu
- **Student Affairs:** TBA
- **Student Research:** Jean Marie Roth | jroth@som.umaryland.edu