

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

Honors & Awards

Congratulations to the following who have received honors!



John Baddley, MD, MSPH

► **John Baddley, MD, MSPH**, Professor, Department of Medicine, was named Interim Co-Editor-in-Chief of the journal *Open Forum of Infectious Diseases* as of July 1, 2022. He previously served as an *OFID* associate editor.

► **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine, was honored as a new Fellow of the American College of Occupational & Environmental Medicine (FACOEM).



Stella Hines, MD, MSPH

► **Charles Hong, MD, PhD**, Melvin Sharoky MD, Professor in Medicine, Department of Medicine, was honored with the Dr. Arnold Katz Achievement Award by the Sarnoff Cardiovascular Research Foundation.



Charles Hong, MD, PhD

► **Matt Laurens, MD, MPH**, Professor, Department of Pediatrics, has been named a member of the Scientific Advisory Group, Tropical Medicine Research Centers Program, for the National Institutes of Health, National Institute of Allergy and Infectious Diseases.



Matt Laurens, MD, MPH



Neeraja Murali, DO, MPH

► **Neeraja Murali, DO, MPH**, Assistant Professor, Department of Emergency Medicine, has graduated from the American College of Emergency Physicians (ACEP) Teaching Fellowship. Previous graduates of this fellowship include **Lauren Rosenblatt, MD**, Assistant Professor, Department of Emergency Medicine, and several other former UMEM residents and fellows.

► **William Regine, MD**, the Isadore and Fannie Schneider Foxman Chair of the Department of Radiation Oncology, has been named a 2022 Fellow of the American Society of Therapeutic Oncology (ASTRO). The award is based on ASTRO membership, service to the society, and contributions to the field of radiation oncology and will be formally conferred in a ceremony at the ASTRO Annual Meeting in San Antonio, TX, in October 2022. Dr. Regine is also a Fellow of the American College of Radiology and of the American College of Radiation Oncology.



William Regine, 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!



Maureen Black, PhD

► **Maureen Black, PhD**, Professor, Department of Pediatrics, testified before the House Budget Committee hearing "Powerful Impact of Investments in Early Childhood," which was held in Washington, DC, on July 20, 2022. The report from the hearing, *Helping Children Thrive Helps Everyone Investments in Early Childhood Pay Off Over Time*, was published on July 28, 2022.

► **Jayaum Booth, MSc, PhD**, Research Associate, Department of Pediatrics, presented "Site-specific Immune Responses of Tissue resident Memory T cells Following Live Attenuated Oral Typhoid Vaccine, Ty21a in Humans" to the International Congress in Mucosal Immunology (ICMI) 2022, which was held in Seattle, WA, from July 16-20, 2022.



Stella Hines, MD, MSPH

► **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine, moderated and presented a lecture at the American Occupational Health Conference, which was held in Salt Lake City, UT, in early May. Her talk, "Non-malignant Respiratory Disease in the Building Trades Medical Screening Program," was included in the session entitled "The Department of Energy's Former Worker Program: 25+."



Robert Rowland, PT, DPT, OCS, RMSK, CSCS

► **Robert Rowland, PT, DPT, OCS, RMSK, CSCS**, Assistant Professor, and **Michael Zarro, PT, DPT, SCS, CSCS**, Assistant Professor; both with the Department of Physical Therapy & Rehabilitation Science, presented "Bone Stress Injury & Rehabilitation" at the University of Maryland Sports Medicine Summer Educational Series, which was held on July 22, 2022.

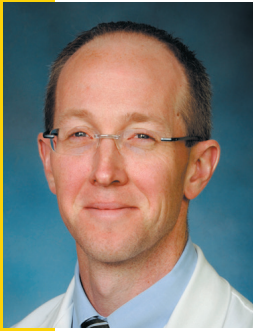
► **Franklin Toapanta, MD, PhD**, Assistant Professor, Department of Medicine, on July 27, 2022, presented "H1N1 Influenza Virus Controlled Human Infection Model Activates Various Immune Cells Despite Induction of Mild Symptomatology" at the 2022 CIVICs Annual Meeting, which was held both virtually and on site in Bethesda, MD.



Franklin Toapanta, MD, PhD

Presentations, Events, Lectures, & Workshops

Continued



Mike Winters, MD

► **Mike Winters, MD**, Professor, Department of Emergency Medicine, lectured at the Emergencies in Primary Care Conference for MCE Conferences, which was held in Orlando, FL, from July 1-3, 2022. He presented “Current Controversies in Sepsis;” “My MasterClass: Anaphylaxis;” “Pitfalls in Back Pain Emergencies;” “When Time Matters: Deadly Rashes;” “Pearls from the Recent Literature;” and “What’s New in Cardiac Arrest?”



Junfang Wu, BM, PhD

► **Junfang Wu, BM, PhD**, Professor, Department of Anesthesiology, was an invited speaker at the 39th Annual National Neurotrauma Symposium, which was held in Atlanta, GA, on June 28, 2022. She presented “Aging, Neurodegeneration, and Spinal Cord Injury.”

In the News

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



Wilbur Chen, MD, MS

► **Wilbur Chen, MD, MS**, Professor, Department of Medicine, was quoted on July 13, 2022, in *Medscape* on influenza and COVID-19 patterns in the U.S. and Australia, where the respiratory viruses are currently colliding.

► **Meagan Deming, MD, PhD**, Assistant Professor, Department of Medicine, was quoted on July 21, 2022, on *WTOP* where she explains why booster COVID-19 vaccines are essential.



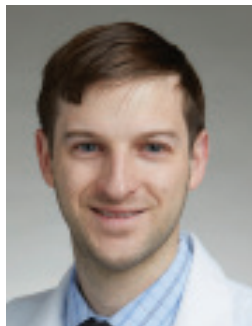
Meagan Deming, MD, PhD

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, was quoted in *The Washington Post* where she discussed the importance of surveillance testing and masking in schools to help limit the spread of COVID-19.



Meagan Fitzpatrick, PhD

► **Kyle Fischer, MD**, Clinical Assistant Professor, Department of Emergency Medicine, was an invited guest at the July 11, 2022, ceremony on the South Lawn



Kyle Fischer, MD

of the White House marking passage of the Bipartisan Safer Communities Act, which was signed in June by President Biden. Dr. Fischer is policy director for the Health Alliance for Violence Intervention. The Alliance supported the inclusion of the \$250 million community violence intervention program investment in the bill.



Karen Kotloff, MD

► **Karen Kotloff, MD**, Professor, Department of Pediatrics, was quoted on July 13, 2022, in *Pharmacy Practice News* discussing FDA Emergency Use Authorization (EUA) of the Novavax COVID-19 vaccine. She also was quoted July 14, 2022, on *NBC4* where she explained the difference between the protein-based Novavax COVID-19 vaccine and the mRNA Pfizer and Moderna COVID-19 vaccines.



Miriam Laufer, MD

► **Miriam Laufer, MD**, Professor, Department of Pediatrics, was quoted on August 4, 2022, in a *Science News* article titled “A Shot of Immune Proteins May Protect Against Malaria for Months.”

► **Matt Laurens, MD, MPH**, Professor, Department of Pediatrics, was interviewed by *WTOP* radio in Washington, DC, in a segment titled “How Contagious is the Newest Dominant Coronavirus Variant in the U.S.?” He also was interviewed by *WJLA ABC7* in a Washington, DC, news segment titled “What People Should Know about Monkeypox.”



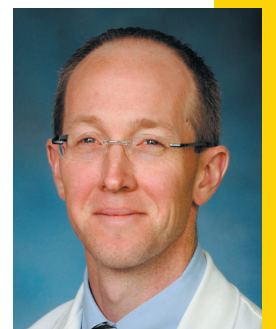
Matt Laurens, MD, MPH



Kathy Neuzil, MD, MPH, FIDSA

► **Kathy Neuzil, MD, MPH, FIDSA**, Professor, Department of Medicine, Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, was quoted in a *Baltimore Sun/MSN.com* article titled “A New COVID-19 Foe, a Really Transmissible One, is Emerging,” which published on July 11, 2022. She also was quoted in a *NPR.org* article titled “Typhoid Mutated to Beat Antibiotics. Science is Learning How to Beat those Strains,” published on July 28, 2022.

► **Mike Winters, MD**, Professor, Department of Emergency Medicine, was interviewed about heat-related health emergencies for a segment of *Maryland Public Television’s* “Public Square” news program broadcast on July 25, 2022.



Mike Winters, MD

Appointments

We applaud our colleagues on their recent appointments!



Stella Hines, MD, MSPH

► **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, Division of Occupational & Environmental Medicine, has been selected as the 2022-2023 Chair of the Section on Terrorism and Inhalational Disasters of the American Thoracic Society.

New Faculty

We welcome our new faculty!

► New members of the Department of Emergency Medicine faculty this summer are **Michael Baranowski, MD; Adam James, MD; Gina Jordan, MD; Samantha King, MD; Chloe Renshaw, MD; Germaine Rival, DO, MPH; Kelli Robinson, MD; Lucas Sjeklocha, MD;** and **Kathleen Stephanos, MD**. Drs. Jordan, King, Sjeklocha, and Stephanos completed their residencies at UMEM.

► **Kelby Kaplan, PT, DPT, EdD**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science, joined the department on August 1, 2022. Dr. Kaplan comes from the Physical Therapy Department at Nova Southeastern University in Ft. Lauderdale, FL. She is a Board-Certified Specialist in Orthopedic Physical Therapy; a Certified Exercise Expert for Aging Adults; and a Certified Orthopedic Manual Therapist.

Grants & Contracts

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



Jennifer Albrecht, PhD

► **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, was awarded \$3,404,253 by the National Institutes for Health (NIH) for “Recovery Among Older Adults Following Head Injury.”

► **Jessica Brown, PhD**, Associate Professor, Department of Epidemiology & Public Health, was awarded \$299,728 by the Maryland Department of Health for “Money Follows the Person: Maryland Access Point Hospital Care Transition Program.”



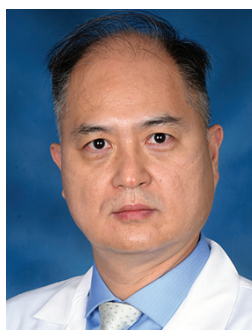
Jessica Brown, PhD

► **Lorraine Doucette, MS, MLS(ASCP)CM**, Assistant Professor and Medical Laboratory Science Program Director, Department of Medical & Research Technology, received \$343,593 from the Centers for Disease Control and Prevention (CDC) for a cooperative agreement entitled “Enhancing the US Clinical Laboratory Workforce Capacity in Three Stages: Local, State-Wide, and the mid-Atlantic States.” The total award amount for this three-year agreement is \$973,137.



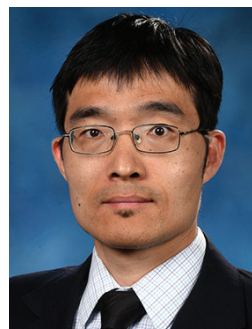
Lorraine Doucette, MS, MLS(ASCP)CM

► **Kevin Kim, MD, MHS**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a five-year \$670,955.78 grant from the Hoosier Cancer Research Network for “2133GCCC: A Randomized Phase II Study of Atezolizumab and Bevacizumab with Y90 TARE in Patients with Unresectable Hapatocellular Carcinoma (HCC).”



Kevin Kim, MD, MHS

► **Vikas Kundra, MD, PhD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a five-year \$2,714,359 grant from NIH for “Multimodal Imaging and Therapy of Ovarian Cancer.”



Yajie Liang, MB, PhD

► **Yajie Liang, MB, PhD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a two-year \$345,000 grant from the Maryland Stem Cell Research Fund for “Intravital 2-photon Imaging Human iPSC-derived Progenitors Grafted into Ischemic Mouse Brain Assisted by Helper Cells.”

► **Dirk Mayer, Dr rer nat**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a two-year \$308,999 grant from the U.S. Department of Defense (DOD) for “Investigating Metabolic Reprogramming in Polycystic Kidney Disease Using Hyperpolarized 13C Metabolic Imaging.”



Dario Rodrigues, PhD

► **Dario Rodrigues, PhD, and Jason Molitoris, MD, PhD**, both Assistant Professors, Department of Radiation Oncology, were awarded \$17,049 and are the PIs on a two-year consultancy agreement with Sensius B.V. for “Image-guided Hyperthermia for the Treatment of Tumors.”



Dirk Mayer, Dr rer nat

Grants & Contracts

Continued



Marcelo Szein, MD

► **Marcelo Szein, MD**, Professor, Department of Pediatrics, was awarded a one-year \$407,350 grant from Regeneron Pharmaceuticals, Inc. to study “Differences in Age-associated Gene, Protein and Cellular Profiles in Skin and Immune Cells in the Amish Population.”

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, is the lead PI for The Radiation Oncology-Biology Integration Network on Oligometastasis (ROBIN OligoMET) Center (U54), a five-year grant from the National Cancer Institute (NCI) for \$7,552,950. Also serving as core and component PIs on the project are **Amit Sawant, PhD**, Professor, Department of Radiation Oncology, and Nicole Simone, MD, from Thomas Jefferson University.



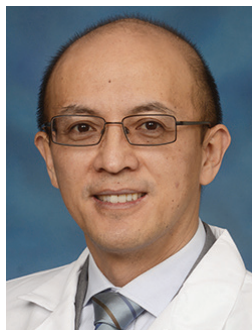
Phuoc Tran, MD, PhD

► **Piotr Walczak, MD, PhD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a two-year award of \$345,000 from the Maryland Stem Cell Research Fund for “Intraarterial Administration of Human MSCs Secreting P2X7-blocking Nanobody as Adjuvant Therapy for Acute Stroke.” He also received a two-year \$130,000 award from the same organization for “Homing of Intravascularly Injected Glial Progenitors to Demyelinating Brain Lesions Enhanced by Focused Ultrasound Treatment.”



Piotr Walczak, MD, PhD

► **Ze Wang, PhD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, received a four-year \$2,306,457 grant from NIH as one of multiple PIs of “Academic Industrial Partnership on Advanced Perfusion MRI.”



Ze Wang, PhD



Emerson Wickwire, PhD

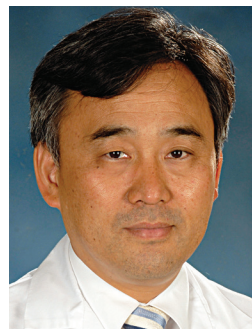
► **Emerson Wickwire, PhD**, Professor, Departments of Psychiatry and Medicine, received a 24-month, \$1,999,925 grant from the Defense Health Agency (DHA) Military Health System Research (MHSR) for “Value-based Military Sleep Medicine: Health Economic Aspects of Sleep Disorders Treatments in the US MHS.”

► **Junfang Wu, BM, PhD**, Professor, Department of Anesthesiology, along with MPI Shaolin Liu, PhD, Associate Professor from Howard University; was awarded a five-year, \$3.13 million R01 grant from the National Institute of Aging (NIH/NIA) for “The Inflammatory Mechanisms Underlying Olfactory Dysfunction in Prognosis of TBI Progression to Dementia.” She also, along with MPI **Marta Lipinski, PhD**, Associate Professor; Department of Anesthesiology, received a \$2.23 million RF1 grant for the first three-year portion of a five-year \$3.72 million competing continuation grant from the National Institute of Neurological Disorders and Stroke (NINDS) and National Institute on Aging (NIA) for “The Function and Mechanisms of Autophagy in Spinal Cord Injury.”



Junfang Wu, BM, PhD

► **Byong Yi, PhD**, Professor, Department of Radiation Oncology, is the PI on a study of “Non-clinical Evaluation of the Treatment Time Calculation Flow,” which was funded \$20,000 by Varian Medical Systems, Inc. The study is scheduled for May–October 2022.



Byong Yi, PhD

Publications

Hats off to those who have been published!



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Different Human Papillomavirus Types Share Early Natural History Transitions in Immunocompetent Women,” which was published in June 2022 in the *International Journal of Cancer*. Dr. Adebamowo, along with **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, also with the Department of Epidemiology & Public Health, were among the co-authors of “Dietary Intake and Cancer in Sub-Saharan Africa: A Critical Review of Epidemiological Studies,” which was published in the February 2022 issue of *Nutrition and Cancer*.

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Beyond the Gray Scale: Using the Arts to Elevate our Work in Radiology,” which was published in the September 2022 issue of *Academic Radiology*. Dr. Awan also was the last author of “Case-based Learning: Its Importance in Medical Student Education,” which was published in the August 2022 issue of *Academic Radiology* and the last author of “Leveraging Social Media to Learn: A New Era for Medical Education,” which was published in the June 2022 issue of *Academic Radiology*. Epub ahead of print.



Jonathan Baghdadi, MD, PhD

► **Jonathan Baghdadi, MD, PhD**, Assistant Professor, and **Surbhi Leekha, MBBS, MPH**, Associate Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Recurrent Central-line-associated Bloodstream Infection in a Single High-risk Patient,” which was published in the August 2022 issue of *Infection Control and Hospital Epidemiology*.

► **Elizabeth Balcer-Kubiczek, PhD**, Professor, and **Soha Bazay, MD, PhD**, Resident, both with the Department of Radiation Oncology, were among the authors of “Medical Countermeasures for the Hematopoietic Subsyndrome of Acute Radiation Syndrome in Space,” which was published on June 9, 2022, ahead of print in *Life Sciences in Space Research*.

Publications Continued



Soren Bentzen, PhD, DMSc

► **Soren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “ESTRO ACROP and SIOPE Recommendations for Myeloablative Total Body Irradiation in Children,” which was published in the May 2022 issue of *Radiotherapy and Oncology*.

► **Hegang Chen, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Leveraging Continuous Vital Sign Measurements for Real-Time Assessment of Autonomic Nervous System Dysfunction After Brain Injury: A Narrative Review of Current and Future Applications,” which was published in the August 2022 issue of *Neurocritical Care*.



Rong Chen, PhD

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Meta-Learning for Decoding Neural Activity Data with Noisy Labels,” which was published in the July 2022 issue of *Frontiers in Computational Neuroscience*.

► **Shuo Chen, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “High-dimension to High-dimension Screening for Detecting Genome-wide Epigenetic and Noncoding RNA Regulators of Gene Expression,” which was published in the July 2022 issue of *Bioinformatics*.



Shuo Chen, PhD

► **Derik Davis, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the first author of “Gluteal Muscle Fatty Infiltration, Fall Risk, and Mobility Limitation in Older Women with Urinary Incontinence: A Pilot Study,” which was published in *Skeletal Radiology* on July 27, 2022. Epub ahead of print.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was a co-author on a consensus document entitled “SNMMI/ACR/ASNC/SCMR Joint Credentialing Statement for Cardiac PET/MRI,” which was published simultaneously in the July 2022 issues of the *Journal of Nuclear Medicine*, *Circulation Cardiovascular Imaging*, and the *Journal of Cardiovascular Magnetic Resonance*.



Derik Davis, MD



Vasken Dilsizian, MD

► **Jason Falvey, PT, DPT, PhD**, Assistant Professor, Department of Physical Therapy & Rehabilitation, is a co-author on the publication titled, “Deconditioned, Disabled, or Debilitated? Formalizing Management of Functional Mobility Impairments in the Medical Inpatient Setting,” which was published in the *Journal of Hospital Medicine* on July 11, 2022. Dr. Falvey is also a co-author on the publication titled, “Severe Neighborhood Deprivation and Nursing Home Staffing in the United States,” which was published in the *Journal of American Geriatrics Society* on August 8, 2022.

► **Naillid Felipe, MD, MPH**, Emergency Medicine Resident; **Leen Alblaihed, MBBS, MHA**, Assistant Professor; **Zachary D.W. Dezman, MD, MS**, Assistant Professor; and **Laura Bontempo, MD, MEd**, Associate Professor; all with the Department of Emergency Medicine, authored “58-year-old Male with a Headache, Hand Numbness, and Phantasmia,” which was published online in the May 2022 issue of *Clinical Practice and Cases in Emergency Medicine*.



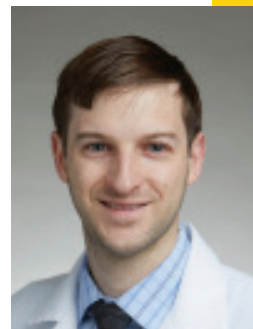
Jason Falvey, PT, DPT, PhD



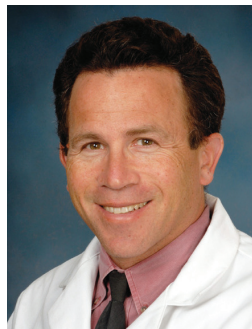
Cara Felter, PT, DPT, MPH, NCS, PCS

► **Cara Felter, PT, DPT, MPH, NCS, PCS**, Assistant Professor; and **Jason Falvey, PT, DPT, PhD**, Assistant Professor; both with the Department of Physical Therapy & Rehabilitation, are co-authors on the publication entitled, “Rural Health: The Dirt Road Less Traveled,” which was published in the *Physical Therapy & Rehabilitation Journal* on August 4, 2022.

► **Kyle Fischer, MD**, Clinical Assistant Professor, Department of Emergency Medicine; **Gregory Jasani, MD**, Clinical Instructor at the Baltimore VA Medical Center; and **Erin Walton, LCSW-C**, Director of the Program in Health Disparities and Population Health in the Department of Epidemiology and Public Health, co-authored “United States’ Infrastructure Bill Contains Hidden \$15 Billion Investment in Violence Prevention: Lead Abatement,” which was published in *Frontiers in Public Health* on July 6, 2022.



Kyle Fischer, MD



Steven Fisher, MD

► **Steven Fisher, MD**, Professor, Department of Medicine, was among the co-authors of “Myocardin Regulates Exon Usage in Smooth Muscle Cells through Induction of Splicing Regulatory Factors,” which was published in *Cellular and Molecular Life Sciences* on July 8, 2022.

► **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-founder & Director of the Institute of Human Virology, and **Arnaldo Caruso, MD, PhD**, Adjunct Professor of Medicine, were among the co-authors of “HIV-1 Mutants Expressing B cell Clonogenic Matrix Protein p17 Variants are Increasing their Prevalence Worldwide,” which was published in *PNAS* on June 27, 2022.



Robert Gallo, MD



Katherine Goodman, PhD, JD

► **Katherine Goodman, PhD, JD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “Real-world Antimicrobial Stewardship Experience in a Large Academic Medical Center: Using Statistical and Machine Learning Approaches to Identify Intervention ‘Hotspots’ in an Antibiotic Audit and Feedback Program,” which was published in the June 2022 issue of *Open Forum Infectious Diseases*.

► **Jack Guralnik, MD, PhD, MPH**, Professor; **Michelle Shardell, PhD**, Professor; **Alan Rathbun, PhD, MPH**, Assistant Professor; **Ann Gruber-Baldini, PhD**, Professor; **Denise Orwig, PhD**, Professor; and **Jay Magaziner, PhD, MSHyg**, Professor; all with the Department of Epidemiology & Public Health, were among the co-authors of “Long-term Sex Differences in All-cause and Infection-specific Mortality Post Hip Fracture,” which was published in the July 2022 issue of the *Journal of the American Geriatrics Society*.



Jack Guralnik, MD, PhD, MPH



Anthony Harris, MD, MPH

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “N-Acetylcysteine (NAC) in Schizophrenia Resistant to Clozapine: A Double-Blind, Randomized, Placebo-Controlled Trial Targeting Negative Symptoms,” which was published in July 2022 issue of *Schizophrenia Bulletin*.

Publications Continued



Simon Ho, PT, DPT, CCS

► **Simon Ho, PT, DPT, CCS**, Assistant Professor; **Kelly Rock, PT, DPT, PCS**, PhD Candidate; **Odessa Addison, DPT, PhD**, Associate Professor; and **Victoria Marchese, PT, PhD**, Jane Kroh Satterfield Professor of Physical Therapy and Rehabilitation Science and Chair, Department of Physical Therapy and Rehabilitation Science; all with the Department of Physical Therapy & Rehabilitation Science, are co-authors on the publication entitled, “Relationships between Diaphragm Ultrasound, Spirometry, and Respiratory Mouth Pressures in Children,” which was published online in *Respiratory Physiology & Neurobiology* on July 26, 2022.

► **Miroslaw Janowski, MD, PhD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the first author of “The Legacy of mRNA Engineering: A Lineup of Pioneers for the Nobel Prize,” which was published in the September 2022 issue of *Molecular Therapy—Nucleic Acids*.



Miroslaw Janowski, MD, PhD

► **Jean Jeudy, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Early Pulmonary Complications Related to Cancer Treatment in Children,” which was published in *Pediatric Radiology* on July 2, 2022. Epub ahead of print.



Jean Jeudy, MD

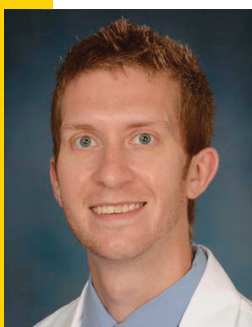
► **Gaurav Jindal, MD**, Associate Professor, and **Timothy Miller, MD**, Associate Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine,

were among the co-authors of “Target Ultra and Nano Coils in the Endovascular Treatment of Small Intracranial Aneurysms (ULTRA Registry),” which was published in the June 2022 issue of the *Journal of Neurosurgery*. Epub ahead of print. Dr. Jindal was the first author.



Gaurav Jindal, MD

► **Brian Johnson, OTR/L, PhD**, Instructor; **Jill Whittall, PhD**, Professor Emerita; and **Kelly Westlake, PT, MSc, PhD**, Associate Professor; all with the Department of Physical Therapy & Rehabilitation, are co-authors on the article titled, “Development and Psychometric Testing of the Bimanual Assessment Measure for People with Chronic Stroke,” which was published in the *American Journal of Occupational Therapy* on June 7, 2022.



Brian Johnson, OTR/L, PhD

► **Chaitanya Kalavagunta, PhD**, Assistant Professor; **Huijun Xu, PhD**, Assistant Professor; **Baoshe Zhang, PhD**, Associate Professor;

Sina Mossahebi, PhD, Associate Professor; **Michael MacFarlane, PhD**, Assistant Professor; **Kai Jiang, PhD**, Assistant Professor; **Sung-Woo, PhD**, Assistant Professor; **Shifeng Chen, PhD**, Professor; **Amit Sawant, PhD**, Professor; **Arun Gopal, PhD**, Assistant Professor; and **Byong Yong Yi, PhD**, Professor; all with the Department

of Radiation Oncology, were the authors of “Is a Weekly Qualitative Picket Fence Test Sufficient? A Proposed Alternate EPID-Based Weekly MLC QA Program,” which was published in the August 2022 issue of the *Journal of Applied Clinical Medical Physics*.

► **Brent King, MD**, Professor of Pediatrics and Emergency Medicine and Vice Chairman of Patient Safety & Quality Assurance, co-authored the oral presentation abstract “Identifying Risk Factors for Diagnostic Error Involving



Brent King, MD

Emergency Medicine Transitions of Care,” which was accepted for presentation at SIDM2022, the 5th Annual Conference of the Society to Improve Diagnosis in Medicine, which was held in Minneapolis, MN, from October 16-18, 2022.

► **Marcel Lanza, PhD**, Research Associate, Department of Physical Therapy & Rehabilitation Science, is a co-author on the publication titled, “Neural Decoding from Surface High-density EMG Signals: Influence of Anatomy and Synchronization on the Number of Identified Motor Units,” which was published online on in the *Journal of Neural Engineering* on July 19, 2022. Dr. Lanza and **Vicki Gray, MPT, PhD**, Assistant Professor, also with the Department of Physical Therapy & Rehabilitation Science, are co-authors on the publication titled, “The Effects of Stroke on Weight Transfer Before Voluntary Lateral and Forward Steps,” which was published in *Frontiers in Neurology* on July 22, 2022.

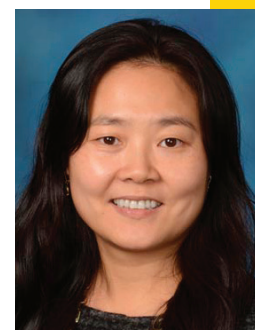


Surbhi Leekha, MBBS, MPH,

► **Surbhi Leekha, MBBS, MPH**, Associate Professor, and **Mary-Claire Roghmann, MD, MS**, Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Association between Level of Care and Colonization with Resistant Gram-negative Bacteria among Nursing-home Residents – CORRIGENDUM,” which was published in the July 2022 issue of *Infection Control and Hospital Epidemiology*.

► **Yuan Yuan Liang, PhD, MSc**, Professor, Department of Epidemiology & Public Health was among the co-authors of “Dual-Energy CT and Cinematic Rendering to Improve Assessment of Pelvic Fracture Instability,” which was published in the August 2022 issue of *Radiology*.

► **Larry Magder, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Trajectory of Damage Accrual in Systemic Lupus Erythematosus based on Ethnicity and Socioeconomic Factors,” which was published in the August 2022 issue of *The Journal of Rheumatology*.



Yuan Yuan Liang, PhD, MSc



Elias Melhem, MD, PhD

► **Elias Melhem, MD, PhD**, Professor & the Dean John M. Dennis Chairman, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “The University of Pennsylvania Glioblastoma (UPenn-GBM) Cohort: Advanced MRI, Clinical, Genomics, & Radiomics,” which was published in the July 2022 issue of *Scientific Data*.

► **Daniel Morgan, MD, MS**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Mice Lacking proSAAS Display Alterations in Emotion, Consummatory Behavior and Circadian Entrainment,” which was published in the July 2022 issue of *Genes, Brain, and Behavior*.

► **Michael Mulligan, MD**, Clinical Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Society of Skeletal Radiology-White Paper. Guidelines for the Diagnostic Management of Incidental solitary Bone Lesions on CT and MRI in Adults: Bone Reporting and Data System (Bone-RADS),” which was published in the September 2022 issue of *Skeletal Radiology*. Epub 2022 Mar 28.



Daniel Morgan, MD, MS

Publications Continued



Nariman Nezami, MD

► **Nariman Nezami, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Response Assessment Methods for Patients with Hepatic Metastasis from Rare Tumor Primaries Undergoing Transarterial Chemoembolization,” which was published in the June 2022 issue of *Clinical Imaging*. Epub ahead of print. Separately, Dr. Nezami was the last author of “Intraarterial Therapies for the Management of Hepatocellular Carcinoma,” which was published in the July 2022 issue of *Cancers (Basel)*.

► **Rebecca Nowak, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “Incidence and Clearance of Anal Human Papillomavirus Infection in 16,164 Individuals, according to HIV Status, Gender, and Male Sexuality: An International Pooled Analysis of 34 Longitudinal Studies,” which was published in the July 2022 issue of *Clinical Infectious Diseases*.



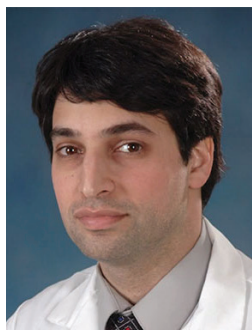
Rebecca Nowak, PhD



Elizabeth Parker, PhD, RD

► **Elizabeth Parker, PhD, RD**, Assistant Professor; and **Odessa Addison, DPT, PhD**, Associate Professor; both with the Department of Physical Therapy & Rehabilitation Science, are co-authors on the publication titled, “Dietary Quality and Perceived Barriers to Weight Loss among Older Overweight Veterans with Dysmobility,” which was recently published in the *International Journal of Environmental Research and Public Health* on July 27, 2022.

► **Mohammad Sajadi, MD**, Professor of Medicine and member of the Institute of Human Virology, was among the co-authors of “Determining the SARS-CoV-2 Serological Immunoassay Test Performance Indices based on the Test Results Frequency Distribution,” which was published in *Biochemia Medica* on June 15, 2022.



Mohammad Sajadi, MD



Kristen Stafford, PhD, MPH

► **Kristen Stafford, PhD, MPH**, Associate Professor, and **Man Charurat, PhD, MHS**, Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Confluence of Crises: COVID-19, “Gassings”, Blood Draws and the Continued Importance of Community Engagement in Zambia,” which was published in the May 2022 issue of *Health Promotion Perspectives*.

► **Roger Stone, MD**, Clinical Assistant Professor, Department of Emergency Medicine, is a co-author of “An EMS Transport Destination Officer is Associated with Reductions in Simultaneous Emergency Department Arrivals,” which was published online in *Prehospital Emergency Care* on July 27, 2022.

► **William Teeter, MD**, Assistant Professor, and **Daniel Haase**, Assistant Professor; both with the Department of Emergency Medicine, along with Emergency Medicine Residents **Taylor Miller, MD**, and **Zoe Glick, MD**; Former Resident **Stephanie Cardona, MD**, and **Quincy Tran, MD, PhD**, Associate Professor, Department of Emergency Medicine, are among the authors of “Association between Resuscitation in the Critical Care Resuscitation Unit and In-hospital Mortality,” which was published online in *The American Journal of Emergency Medicine* on July 22, 2022.



Kerri Thom, MD, MS

► **Kerri Thom, MD, MS**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Clinical Outcomes and Risk Factors for Carbapenem-resistant Enterobacterales Bloodstream Infection in Solid Organ Transplant Recipients,” which was published in the July 2022 issue of *Transplantation*.

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Implementing Survivorship Care Planning in Two Contrasting Health Systems: Lessons Learned from a Randomized Controlled Trial,” which appeared in the August 2022 issue of the *Journal of Cancer Survivorship*. He was also among the authors of “Prostate Cancer Grade Downgrading at Time of Prostatectomy Provides Risk Stratification Insight into Future Tumor Behavior After Prostatectomy,” which was published on August 3, 2022, ahead of print in *Prostate*.



Phuoc Tran, MD, PhD



Piotr Walczak, MD, PhD

► **Piotr Walczak, MD, PhD**, Professor, and **Dheeraj Gandhi, MBBS**, Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Application of Optical Coherence Tomography in Decision-making of Post-thrombectomy Adjunctive Treatments,” which was published in the July 2022 issue of the *Journal of Neurointerventional Surgery*. Epub ahead of print.

► **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 MRI,” which was published in the July 2022 issue of the *American Journal of Neuroradiology (AJNR)*.



Kelly Westlake, PhD, MSc, PT

► **Kelly Westlake, PhD, MSc, PT**, Associate Professor, Department of Physical Therapy & Rehabilitation Science, is a co-author on the publication titled, “Perturbation-Induced Protective Arm Responses: Effect of Age, Perturbation-Intensity, and Relationship with Stepping Stability: A Pilot Study,” which was published in the journal *Brain Sciences* on July 20, 2022.

► **Charles White, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “CAD-RADSTM 2.0 - 2022 Coronary Artery Disease - Reporting and Data System,” an expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT), the American College of Cardiology (ACC), the American College of Radiology (ACR) and the North America Society of Cardiovascular Imaging (NASCI),” which was published in the July 2022 issue of the *Journal of Cardiovascular Computed Tomography*. Epub ahead of print.



Charles White, MD



Junfang Wu, BM, PhD

► **Junfang Wu, BM, PhD**, Professor, Department of Anesthesiology, was among the co-authors of “Sex Dimorphism in Neurological Function after SCI is Associated with Disrupted Neuroinflammation in both Injured Spinal Cord and Brain,” which was published in *Brain, Behavior, and Immunity* on March 12, 2022. She also was among the co-authors of “Functional and Transcriptional Profiling of Microglial Activation During the Chronic Phase of TBI Identifies an Age-Related Driver of Poor Outcome in Old Mice,” which was published in the June 2022 issue of *GeroScience* and “Impairment of Autophagy in Spinal Cord Injury Exacerbates Neuroinflammation and Motor Functional Deficits in Mice,” which was published in the July 2022 issue of *Theranostics*.

► **Fan Nils Yang, PhD**, Postdoctoral Fellow, and **Ze Wang, PhD**, Associate Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Effects of Sleep Duration on Neurocognitive Development in Early Adolescents in

the USA: A Propensity Score Matched, Longitudinal, Observational Study,” which was published in the July 2022 issue of *Lancet Child and Adolescent Health*. Epub ahead of print.



Weiguang Yao, PhD

► **Weiguang Yao, PhD**, Associate Professor; **Baoshe Zhang, PhD**, Associate Professor; **Dong Han, PhD**, Associate Professor; **Jerimy Polf, PhD**, Associate Professor; **Sastry Vedam, PhD**, Associate Professor; **Giovanni Lasio, PhD**, Associate Professor; and **Byong Yong Yi, PhD**, Professor; all with the Department of Radiation Oncology, were the authors of “Use of CBCT Plus Plan Robustness for Reducing QACT Frequency in Intensity-Modulated Proton Therapy: Head-and-Neck Cases,” which was published online August 6, 2022, ahead of print in *Medical Physics*.

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.

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

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