



What's the Buzz?

MAY 2022 VOL.24 NO.5

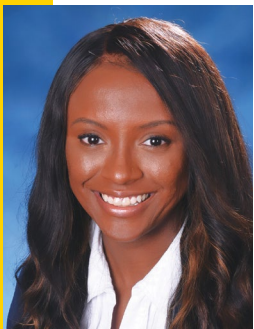
SELF-REPORTED NEWS *from the* SCHOOL OF MEDICINE COMMUNITY

Honors & Awards

Congratulations to the following who have received honors!

► **Tim Chryssikos, MD, PhD, PGY-7**, was awarded the Charles Tator Spinal Cord Injury Resident Research Award by the American Association of Neurological Surgeons (AANS) for the best abstract related to spinal cord injury.

► **Aloke Finn, MD**, Clinical Associate Professor, Department of Medicine, was named Chair of Cardiovascular and Pulmonary Working Group of the RECOVER initiative, on March 10, 2022.



Aijah K. B. Goodwin, PhD

► **Aijah K. B. Goodwin, PhD**, Postdoctoral Fellow, Department of Psychiatry, was selected for the 2022 Child Intervention, Prevention & Services (CHIPS) fellowship. The fellowship is funded by the National Institute of Mental Health (NIMH) Division of Services and Intervention Research to enhance research development towards independent NIH funding for early-career researchers. Dr. Goodwin will participate in a week-long research institute in May 2022 and receive year-long mentorship and financial support for professional development activities.

► **Jeffrey Koenig, PhD**, a student in the laboratory of **Asaf Keller, PhD**, Chair of the Department of Anatomy & Neurobiology, has been offered a scholarship under the Science, Mathematics, and Research for Transformation Scholarship-for-Service Program (SMART). This highly competitive and prestigious scholarship is funded by



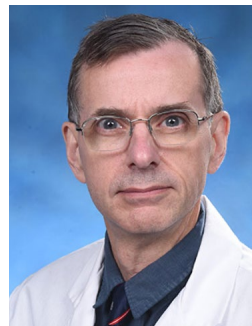
Aloke Finn, MD



Jeffrey Koenig, PhD

the Department of Defense. It will provide Koenig not only with a scholarship and other benefits throughout his PhD studies, but also guarantees him employment placement at a DoD facility upon degree completion.

► **Bennett Myers, MD**, Assistant Professor, Department of Emergency Medicine, has been recognized by the Council of Residency Directors of Emergency Medicine as a faculty divisional runner-up, and Residents **Gabriella Miller, MD** (Emergency Medicine) and **To-Lam Nguyen, MD** (Emergency Medicine/Pediatrics) as resident divisional runners-up in its Clinical Pathologic Case Competition (CORD CPC).



Adam Puche, PhD

► **Adam Puche, PhD**, Department of Anatomy & Neurobiology, was elected by the SOM Class of 2022 to receive the Golden Apple Award for Best Pre-Clinical Faculty. The award was presented to Dr. Puche at this year's School of Medicine Graduation Ceremony. This is the third Medical Class Graduation award Adam has received. He is also the recipient of four Class Council awards, and a Reagent's Award.

► **Osamah Saeedi MD, MS**, Associate Professor, Department of Ophthalmology & Visual Sciences, gave the Bedell Lecture at the 74th annual Wills Eye Hospital Conference at Wills Eye Hospital at Thomas Jefferson University in Philadelphia, PA, on the topic of "Glaucoma Progression: Past, Present, and Future."



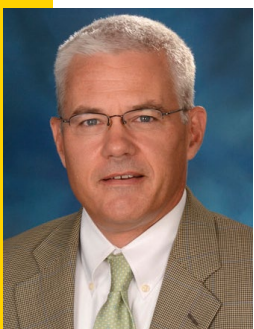
Bennett Myers, MD



Osamah Saeedi MD, MS

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, explains how vaccines have helped keep children from serious COVID-19 outcomes to the *New York Times* and discusses potential risks of the BA.2 variant for children under age 5 with *Healthline*.

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, talks about the benefits of in-school COVID testing with *The City* and about the increasing number of COVID cases in Colorado with *The Denver Post*.



Meagan Fitzpatrick, PhD

► **Mohamed Labib, MD**, Assistant Professor, Department of Neurosurgery, was interviewed for *Today.com* by Kerry Breen. Dr. Labib and his team performed life-saving neurosurgery on Ilona Down-Hicks, who survived

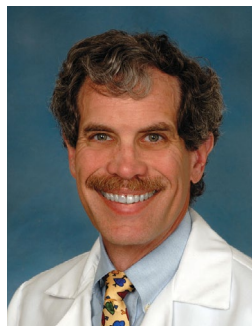


Mohamed Labib, MD

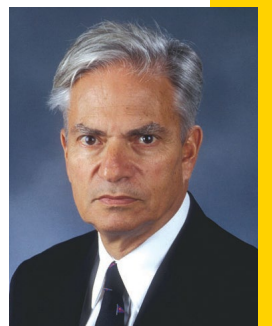
five brain aneurysms. The article was published online on March 4, 2022.

► **Howard Eisenberg, MD**, Professor, Department of Neurosurgery, was interviewed for *Baltimore (WJZ)* by Kelsey Kushner on March 1, 2022. The interview covered the non-invasive ultrasound treatment for Parkinson's disease, describing the incisionless process in full detail.

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, was recorded on the *WYPR On The Record Show/ Emerging research on heart complications after COVID-19, focusing on the cardiovascular effects of post-COVID in March 2022.*



Scott Jerome, DO, FACC, FASNC, FSCCT



Howard Eisenberg, MD

In the News

Continued



Matt Laurens, MD, PhD

► **Matt Laurens, MD, PhD**, Professor, Department of Medicine, was interviewed by *Drug Discovery News* on March 8, 2022, regarding vaccine research. He was also interviewed by *My Montgomery County Community Media*.

► **W. Jonathan Lederer, MD, PhD**, Director, Center for Biomedical Engineering and Technology, and Distinguished University Professor, Department of Physiology, co-authored an editorial review titled, “The Physiological Sensor

Channels TRP and PIEZO: Nobel Prize in Physiology or Medicine 2021”, published by the American Physiological Society in the February 2022 issue of *Physiological Reviews*. *Physiological Reviews* invited Dr. Scott Earley (University of Nevada, Reno) to give scientific background on fundamental ion-channel sensors for temperature and pressure, which were at the center of the 2021 Nobel Prize in Physiology or Medicine. Earley, in-turn, teamed with Dr. Fernando Santana (University of California, Davis) and UMSOM’s own Jonathan Lederer to co-author the editorial review.



W. Jonathan Lederer, MD, PhD



Kirsten Lyke, MD

quantifying the effect of Netarsudil on episcleral venous flow in human subjects.



Stephen Thom, MD, PhD

► **Kirsten Lyke, MD**, Professor, Department of Medicine, discussed fourth COVID boosters with *TIME* magazine on March 30, 2022.

► **Osamah Saeedi MD, MS**, Associate Professor, Department of Ophthalmology & Visual Sciences, was interviewed by *Ocular Surgery News* and *Ophthalmology Times* for work presented at the American Glaucoma Society in his lab



Osamah Saeedi MD, MS

► **Stephen Thom, MD, PhD**, Professor, Department of Emergency Medicine, was featured in an interview published on March 21, 2022, in *Alert Diver*, the online magazine of the Divers Alert Network (DAN), about his research in decompression sickness and his experiences as a diver. DAN is a nonprofit that provides expert medical information about diving.

Appointments

We applaud our colleagues on their recent appointments!



Jamie Fields, DO

► **Jamie Fields, DO**, Assistant Professor, Department of Psychiatry, was appointed to Medical Director for the Adult Inpatient Psychiatry Unit at the University of Maryland Medical Center (UMMC) Midtown Campus, effective December 1, 2021. In this position, she reports directly to Stephanie Knight, MD, Chief of Psychiatry for the UMMC Midtown Campus, and is involved in a variety of clinical and administrative responsibilities.

► **Patrick Jung, MD**, Assistant Professor, Department of Psychiatry, was appointed to



Patrick Jung, MD

Medical Director of the Adult Inpatient Psychiatry Unit at University of Maryland Medical Center (UMMC) Midtown Campus, effective December 1, 2021. In this position, he reports directly to Stephanie Knight, MD, Chief of Psychiatry for the UMMC Midtown Campus, and is involved in a variety of clinical and administrative responsibilities. Additionally, Dr. Jung is the Medical Director for the Maryland Telemental Health Program for Psychiatry at UMMC.

► **Emerson Wickwire, PhD**, Professor, Departments of Psychiatry and Medicine, has been appointed to the Sleep Medicine Advisory Council of the American Board of Internal Medicine. His term expires June 30, 2022.



Emerson Wickwire, PhD

Grants

Congratulations to our very productive faculty on their recent grants!



Clement Adebamowo, BM, ChB, ScD, FWACS, FACS

► **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, Department of Epidemiology & Public Health, received a five-year, \$1,233,366 grant from the National Institutes of Health (NIH) for “Scaling Up Research Ethics and Research Integrity (SURER) Project.”

► **Linda Chang, MD, MS**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, and **Donna Calu, PhD**, Assistant Professor, Department of Anatomy & Neurobiology, were the recipients of a one-year \$100,000



Linda Chang, MD, MS

award from the Focused Ultrasound Foundation for “Focused Ultrasound for Neuromodulation in the Treatment of Opioid Addiction.”

► **Iliia Baskakov, PhD**, Professor, Center for Biomedical Engineering & Technology and the Department of Anatomy & Neurobiology, received the maximum, one-year, merit-based award of \$250,000 in January 2022 from the Infectious Diseases Society of America (IDSA) Foundation’s 2021 Microbial Pathogenesis in Alzheimer’s Disease Grant to explore a potential link between infectious diseases and the causation of Alzheimer’s disease.



Iliia Baskakov, PhD

Grants Continued

► **Nancy Knight, PhD, (PI)**, Associate Professor, Department of Radiation Oncology, received a one-year \$37,135 renewal contract with the Society of Nuclear Medicine & Molecular Imaging as consulting editor for *The Journal of Nuclear Medicine Newsline*.



Osamah Saeedi, MD, MS

► **Osamah Saeedi, MD,MS**, Associate Professor, Department of Ophthalmology & Visual Sciences, was awarded a subaward for a Small Business Innovation Research (SBIR) grant from the National Institutes of Health entitled Ocular Blood Flow Imaging for Glaucoma Assessment (R44 EY034064) for work with Vasoptic, Incorporated. The overall grant is for \$1.6 million over two years and \$430,000 is the UMB subaward. He also was awarded an MPOWER Seed Grant entitled “Artificial Intelligence to Determine Alterations of 4-dimensional Erythrocyte Flow in the Retina” for collaborative work with Dr. Yang Tao at the University of Maryland – College Park. The overall grant is for \$94,000.

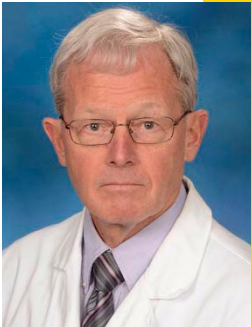


Lisa Shulman, MD

R01 grant for a research project titled “Inflammatory Changes and Glymphatic Dysfunction in Carbon Monoxide Neuropathology.”

► **Lisa Shulman, MD**, Professor, Department of Neurology, received a five-year, \$3.25 million R01 grant from the National Institute of Neurological Disorders and Stroke (NIH/NINDS) for “Racial Disparities in Parkinson Disease-Clinical Phenotype, Management and Genetics.”

► **Stephen Thom, MD, PhD**, Professor of Emergency Medicine, has been awarded a new National Institutes of Health



Stephen Thom, MD, PhD

Lectures & Presentations

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, was invited by the Norwegian Institute of Public Health to present the keynote address “Early Childhood Development and Nutrition: Strategies to Prevent Non-communicable Diseases Throughout Life,” which was presented remotely on March 17, 2022, in Oslo, Norway.

► **Liron Boyman, PhD**, Assistant Professor, Center for Biomedical Engineering & Technology, and Department of Physiology, was an

invited speaker at the Biophysical Society 2022 Annual Meeting in San Francisco, CA, presenting “Mitochondrial Calcium Signaling and the Regulation of ATP Production Investigated with Novel Imaging Approaches,” on February 19, 2022.

► **Natalie Davis, MD, MMSc**, Associate Professor, Department of Pediatrics, Division of Neonatology, was an invited speaker at the “29th Annual Neonatology Conference at Nemacolin” in Farmington, Pennsylvania on March 24, 2022. She presented her research on child passenger safety for preterm neonates in a talk entitled “Child Passenger Safety in the NICU: Car Seat Tolerance Screening and Beyond.”

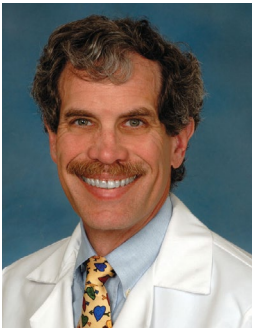


Isabel Lauren Jackson, PhD

► **Isabel Lauren Jackson, PhD**, Associate Professor, Department of Radiation Oncology, presented “Countermeasure Development Treatment of Acute Radiation Sickness” at the February 24, 2022, meeting of the Baltimore Washington Chapter of the Health Physics Society.



Liron Boyman, PhD



Scott Jerome, DO, FACC, FASNC, FSCCT

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, was recorded on the *WYPR On The Record Show*/ Emerging research on heart complications after COVID-19, focusing on the cardiovascular effects of post-COVID in March 2022.

► **Haitham Khraishah, MD**, Cardiovascular Disease Fellow, Department of Medicine, presented a lecture entitled “Worse Cardiovascular Outcomes in Women: Potential Solutions,” which was delivered on International Women’s Day to the University of Maryland School of Medicine on March 8, 2022.

► **Rebecca Krc, DO**, Resident, Department of Radiation Oncology, presented “Dosimetric Comparison of Hyper Arc Single-Isocenter Multi-Target and Gamma Knife Based Stereotactic Radiosurgery for a Patient with 53 Brain Metastases” on March 5 at the 2022 Radiosurgery Society Scientific Meeting, which was held in Carlsbad, CA.

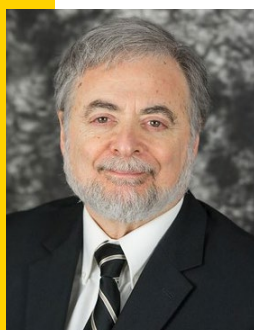
► **W. Jonathan Lederer, MD, PhD**, Director, Center for Biomedical Engineering & Technology, and Distinguished University Professor, Department of Physiology, chaired the Mechano-Electrical Signaling in Cardiac Cells symposia at the Biophysical Society 2022 Annual Meeting held in San Francisco, CA, on February 21, 2022.



W. Jonathan Lederer, MD, PhD

Lectures & Presentations

Continued



Carmen Mannella, PhD

► **Carmen Mannella, PhD**, Visiting Professor, Center for Biomedical Engineering & Technology, and Department of Physiology, co-chaired the Bioenergetics, Mitochondria, and Metabolism Symposium at the Biophysical Society 2022 Annual Meeting held in San Francisco, CA, on February 19, 2022.

► **Pranshu Mohindra, MD**, Associate Professor, Department of Radiation Oncology, was a faculty panelist in a virtual session on Locally Advanced Non-Small Cell Lung Carcinoma

at the Tata Memorial Hospital's Annual Conference on Evidence Based Management of Cancers, which was held in India on February 25, 2022.

► **Sina Mossahebi, PhD**, Assistant Professor, Department of Radiation Oncology, was among the panel presenters on "Promise of Proton Beam Therapy in the Reirradiation Setting,"



Pranshu Mohindra, MD

which was held on April 4, 2022 at the National Proton Conference in St. Petersburg, FL.



Matthew Witek, MD

► **Elizabeth Nichols, MD**, Associate Professor; **Matthew Witek, MD**, Associate Professor; and **Melissa Ana Liriano Vyfhuis, MD, PhD**, Assistant Professor, all with the Department of Radiation Oncology, were among the panel presenters on "Reducing Barriers to Ensure Equitable Access to Proton Therapy," which was held on April 4, 2022 at the National Association for Proton Therapy National Proton Conference in St. Petersburg, FL.



Elizabeth Nichols, MD

► **Elizabeth Nichols, MD**, Associate Professor, Department of Radiation Oncology, presented "Timing is Everything: Altered Fractionation for Breast Cancer," at the American College of Radiation Oncology Summit on March 10, 2022 in Fort Lauderdale, FL.

Publications

Hats off to those who have been published!



Sally Adebamowo, MBBS, MSc, ScD

► **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, and **Sally Adebamowo, MBBS, MSc, ScD**, Professor, both with the Department of Epidemiology & Public Health, are among the co-authors of "Prevalence of Vaginal HPV Infection Among Adolescent and Early Adult Girls in Jos, North-Central Nigeria," which was published in *BMC Infectious Diseases* on April 5, 2022.

► **Leen Alblaihed MBBS, MHA**, Assistant Professor, Department of Emergency Medicine, and **Sarah Dubbs, MD**, Assistant Professor, also with the

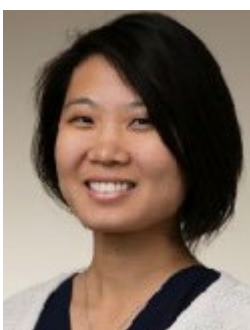
Department of Emergency Medicine and Residency Program Director, and two co-authors published "High Risk and Low Prevalence Diseases: Hemophilia Emergencies," in *The American Journal of Emergency Medicine*. The article was published online on March 26, 2022 and is scheduled for the June 2022 issue of the journal.

► **Leen Alblaihed MBBS, MHA**, Assistant Professor, Department of Emergency Medicine, co-authored "Allergic Acute Coronary Syndrome – Kounis Syndrome," in *Emergency Medicine Clinics*.

► **Carmel Bogle, MD**, Assistant Professor, Department of Pediatrics, was first author of "Cardiovascular Health in Pediatric Heart Transplant Patients," which was published in *BMC Cardiovascular Disorders* on April 1, 2022.



Leen Alblaihed MBBS, MHA



Sarah Dubbs, MD

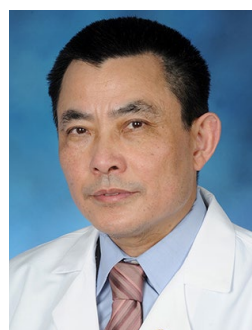


Jessica Brown, PhD

► **Jessica Brown, PhD**, Associate Professor; **Jonathan Baghdadi, MD, PhD**, Assistant Professor; and **Daniel Morgan, MD, MS**, Professor, all with the Department of Epidemiology & Public Health, were among the co-authors of "Clinician Attitudes and Beliefs Associated with More Aggressive Diagnostic Testing," which was published in the *American Journal of Medicine* on March 17, 2022.

► **Linda Chang, MD, MS**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, 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*. Epub ahead of print.

► **Qi Cao, BM, PhD**, Assistant Professor, Department of Diagnostic Radiology & 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 *FASEB Journal*.



Qi Cao, BM, PhD



Linda Chang, MD, MS



Chixiang Chen, PhD

► **Chixiang Chen, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “Semiparametric Marginal Methods for Clustered Data Adjusting for Informative Cluster Size with Nonignorable Zeros,” which was published in *Biometrical Journal* on March 8, 2022.

► **Hegang Chen, PhD**, Professor, Department of Epidemiology & Public Health, is among the co-authors of “Early Crestal Bone Loss Around Implants Placed at Previously Failed Sites Compared with Initially Integrated Implants: A Retrospective Cohort Study,” which was published in *Clinical Implant Dentistry and Related Research* on March 23, 2022.

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Cortical Control of Striatal Fast-spiking Interneuron Synchrony,” which was published in the March 2022 issue of *The Journal of Physiology*. Epub ahead of print.



Shuo Chen, PhD

► **Shuo Chen, PhD**, was among the co-authors of “Anti-aggressive Effects of Clozapine in Involuntarily Committed Black Patients with Severe Mental Illness,” which was published in *Schizophrenia Research* on March 28, 2022.

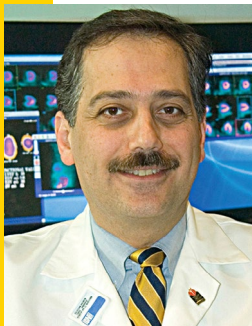
► **Derik Davis, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Fibroblastogenic Progenitor Cell Response Peaks Prior to Progressive Fatty Infiltration after Rotator Cuff Tendon Tear,” which was published in the *Journal of Orthopaedic Research* on March 3, 2022. Epub ahead of print.



Rong Chen, PhD



Derik Davis, MD



Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the lead author on an Editorial entitled “123I-mIBG — Is There a Revival in its Clinical Role?” which was published in the April 2022 issue of the *Journal of the American College of Cardiology: Cardiovascular Imaging*.

► **David Dreizin, MD**, Associate Professor, and **Elana Smith, MD**, Assistant Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Roles of Trauma CT and CTA in Salvaging the Threatened or Mangled Extremity,” which was published in the March-April issue of *Radiographics*. Dr. Dreizin was the first author.



David Dreizin, MD



Gozde Erdemir, MD

► **Gozde Erdemir, MD**, Assistant Professor, Department of Pediatrics, Division of Pediatric Neurology, was last author of “Electroclinical Features in Epilepsy Surgery Candidates with Epileptic Spasms,” which was published in the *Journal of Clinical Neurophysiology* on March 24, 2022.

and Visceral Fat Assessment by DXA and MRI in Older Adults and Children,” which was published in the April 2022 issue of *Obesity*.



Robert Gallo, MD

► **Thomas Ernst, Dr rer nat**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Subcutaneous

► **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-Founder and Director of the Institute of Human Virology, and **Yutaka Tagaya, BM, PhD**, Assistant Professor of Medicine at the Institute of Human Virology were the co-authors of “Reflections on Some of the Exceptional Features of HTLV-1 and HTLV-1 Research - A Perspective,” which was published in *Frontiers in Immunology* on April 1, 2022.

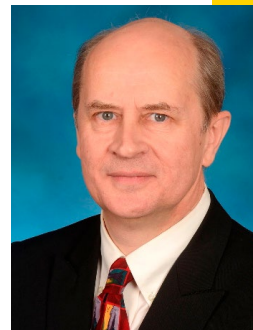
► **Dheeraj Gandhi, MBBS**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “A Systematic Review of Cost-effectiveness Analyses on Endovascular Thrombectomy in Ischemic Stroke Patients,” which was published in *European Radiology* on March 17, 2022. Epub ahead of print.



Anthony Harris, PhD

► **Anthony Harris, PhD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Abnormal Habenula Functional Connectivity Characterizes Treatment-resistant Depression,” which was published in *NeuroImage: Clinical*, on March 15, 2022 and “SARS-CoV-2 mRNA Vaccine Induced Higher Antibody Affinity and IgG Titers against Variants of Concern in Post-partum vs Non-post-partum Women,” which was published in *eBioMedicine* on March 14, 2022. He also co-authored “Using a Mobile Health Device to Monitor physiological Stress for Serious Mental Illness: A Qualitative Analysis of Patient and Clinician-related Acceptability,” which was published in the *Psychiatric Rehabilitation Journal* on March 17, 2022.

► **Kimia Khalatbari Kani, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine was the first author of “Displaced Post-traumatic Fat: A Pictorial Review,” which was published in *PM&R: the Journal of Injury, Function and Rehabilitation* on March 28, 2022. Epub ahead of print.



Thomas Ernst, Dr rer nat



Dheeraj Gandhi, MBBS



Vijay Krishnan, MBBS

► **Hyun Kim, MD, MHS**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Augmented Fluoroscopy Guided Transbronchial Pulmonary Microwave Ablation Using a Steerable Sheath,” which was published in the February 2022 issue of *Translational Lung Cancer Research*.

► **Vijay Krishnan, MBBS**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Adolescent E-cigarette or Vaping Use-Associated Lung Injury in the Delaware Valley: A Review of Hospital-Based Presentation, Management, and Outcomes,” which was published in the February 2022 issue of *Cureus*.

► **Vikas Kundra, MD, PhD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Tuberculosis of Abdominal Lymph Nodes, Peritoneum, and GI Tract: A Malignancy Mimic,” which was published in *Abdominal Radiology* on March 15, 2022. Epub ahead of print.

► **Shenghan Lai, MD**, Professor, Department of Epidemiology & Public Health, is among the co-authors of “The Trajectory of Lipoprotein(a) During the Peri- and Early Postinfarction Period and the Impact of Proprotein Convertase Subtilisin/Kexin Type 9 Inhibition,” which was published in the *American Journal of Cardiology* on March 18, 2022.



Giovanni Lasio, PhD

► **Giovanni Lasio, PhD**, Associate Professor; **Baoshe Zhang, PhD**, Assistant Professor; **Byong Yong Yi, PhD**, Professor; and **Shifeng Chen, PhD**, Professor, all with the Department of Radiation Oncology, were among the authors of “Semi-Supervised Segmentation of Radiation-Induced Pulmonary Fibrosis from Lung CT Scans with Multi-Scale Guided Dense Attention,” which was published in the March issue of *IEEE Transactions on Medical Imaging*.

► **Jay Magaziner, PhD**, Chair of the Department of Epidemiology & Public Health, is among the co-authors of “Advancing Clinical Trials in Nursing Homes: A Proposed Roadmap to Success,” which was published in *Geriatric Nursing* on March 22, 2022.

Emergency Medicine residents **Bryan McNeilly, MD**, and **Garrett Cavaliere, DO**, Clinical Instructor of Emergency Medicine; **Gregory Jasani, MD**, Associate Professor of Emergency Medicine; **Benjamin Lawner, DO**, EMT-P; and former Emergency Medicine resident **Reem Alfalasi, MBChB**, co-authored “The Rising Threat of Terrorist Attacks Against Hospitals,” which was published online in *Prehospital and Disaster Medicine* on March 24, 2022.

► **Pranshu Mohindra, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Correction to: Robust Institutional Support and Collaboration Between Summer Training Programs in Cancer and Biomedicine Drive the Pivot to a Virtual Format in Response to the COVID Pandemic,”



Pranshu Mohindra, MD



Jay Magaziner, PhD

which was published on March 29, 2022 online ahead of print in the *Journal of Cancer Education*. He also was among the authors of “Chemoradiation with Hypofractionated Proton Therapy in Stage II-III Non-Small Cell Lung Cancer: A YYY Phase 1/2 Trial,” which was published on March 16, 2022 in the *International Journal of Radiation Oncology, Biology, Physics*.

► **Dipanjan Pan, MSc, PhD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Single-gene Diagnostic Assay for Rapid Subclassification of Basal Like Breast Cancer with mRNA Targeted Antisense Oligonucleotide Capped Molecular Probe,” which was published in the March 2022 issue of *Biosensors and Bioelectronics*. Epub ahead of print. Dr. Pan was also the last author of “Hitchhiking Probiotic Vectors to Deliver Ultra-small Hafnia Nanoparticles for ‘Color’ Gastrointestinal Tract Photon Counting X-ray Imaging” which was published in the March 2022 issue of *Nanoscale Horizons*. Epub ahead of print. He was the last author of “N-gene-complementary Antisense-oligonucleotide Directed Molecular Aggregation of Dual-colour Carbon Dots, Leading to Efficient Fluorometric Sensing of SARS-COV-2 RNA,” which was published in the March 2022 issue of *Nanoscale*.



Dipanjan Pan, MSc, PhD



Yannick Poirier, PhD

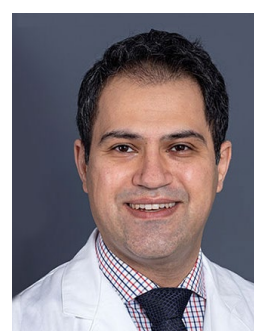
► **Yannick Poirier, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Dose Calculations for Preclinical Radiobiology Experiments Conducted with Single-Field Cabinet Irradiators,” which was published in the March 2022 issue of *Medical Physics*.

► **Esther Vicente, PhD**, Research Associate; **Arezo Modiri, PhD**, Assistant Professor; **Jochen Cammin, PhD**, Assistant Professor; **Arun Gopal, PhD**, Assistant Professor;

Sina Mossahebi, PhD, Assistant Professor; **Pranshu Mohindra, MD**, Associate Professor; and **Amit Sawant, PhD**, Professor; all with the Department of Radiation Oncology, were among the authors of “Combining Serial and Parallel Functionality in Functional Lung Avoidance Radiation Therapy,” which was published online on March 8, 2022 ahead of print in the *International Journal of Radiation Oncology, Biology, Physics*.



Jochen Cammin, PhD



Aislynn Raymond, MD

► **Aislynn Raymond, MD**, PGY 5 Resident, and **Nariman Nezami, MD**, Associate Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Novel Protocol for CT-Guided Percutaneous Ablation of Hyperplastic Adrenal Glands in Cushing Syndrome,” which was published in the March 2022 issue of *Cardiovascular and Interventional Radiology*. Epub ahead of print. Dr. Nezami was the last author.



Mohammad Sajadi, MD

► **Mohammad Sajadi, MD**, Professor of Medicine, Institute of Human Virology; **Kristen Stafford, PhD, MPH, MPH**, Associate Professor, Epidemiology & Public Health, Associate Director of Center for International Health, Education, and Biosecurity, Institute of Human Virology; **Shyam Kottlil, MBBS, PhD**, Professor of Medicine, Co-Director of Institute of Human Virology Clinical Research Unit, Division Head of Infectious Diseases; and **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-founder & Director of the Institute of Human Virology, are among the co-authors of “Use of Oral Polio Vaccine and the Incidence of COVID-19 in the World,” which was published in *PLOS One* on March 17, 2022.

► **Eliot Siegel, MD, Professor**, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Deep Learning and Medical Image Analysis for COVID-19 Diagnosis and Prediction,” which was published in the February 2022 issue of *Annual Review of Biomedical Engineering*. Epub ahead of print.



Eliot Siegel, MD

► **Kristen Stafford, PhD, MPH**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Validation of xMAP SARS-CoV-2 Multi-Antigen IgG assay in Nigeria,” which was published in *PLOS ONE* on April 1, 2022.

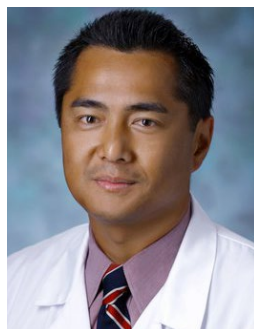
► **Ashley Strobel, MD**, Pediatric Emergency Medicine Physician, and **Leen Alblaihed MBBS, MHA**, Assistant Professor of Emergency Medicine, co-authored “Cardiac Emergencies in Kids,” which was published in *Emergency Medicine Clinics*.



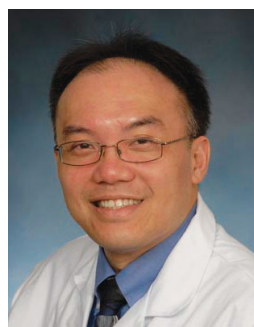
Ashley Strobel, MD

► **Kristen Stafford, PhD, MPH**, Associate Professor, and **Marie-Claude Lavoie, PhD, MSC**, Assistant Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Testing Modality Associated with Fast-track ART Initiation in Botswana,” which was published in *Tropical Medicine and International Health* on March 17, 2022.

► **Phuoc Tran, MD, PhD**, Professor, and **Lei Ren, PhD**, Professor, both in the Department of Radiation Oncology, were among the authors of “Patient-Specific Deep Learning Model to Enhance 4D-CBCT Image for Radiomics Analysis,” which was published in *Physics in Medicine and Biology* on April 1, 2022.



Phuoc Tran, MD, PhD



Quincy Tran, MD, PhD

► **Quincy Tran, MD, PhD**, Associate Professor, Department of Emergency Medicine, co-authored “Outcomes of CMS-mandated Fluid Administration among Fluid-overloaded Patients with Sepsis: A Systematic Review and Meta-analysis,” which was published online in *The American Journal of Emergency Medicine* on March 23, 2022.

► **Alexander Van Slyke, PhD**, a medical physics resident in the Department of Radiation Oncology, was among the authors of “Ultrafast Tracking of Oxygen Dynamics During Proton FLASH,” which was published online on March 18, 2022 ahead of print in the *International Journal of Radiation Oncology, Biology, Physics*.

► **Sastry Vedam, MS, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Clinical Implementation and Initial Experience with a 1.5 Tesla MR-Linac for MR-Guided Radiotherapy for Gynecologic Cancer: An R-IDEAL stage 1/2A First in Humans/Feasibility Study of New Technology Implementation,” which was published online on March 9, 2022 ahead of print in *Practical Radiation Oncology*.



Alexander Van Slyke, PhD



Jennifer Albrecht, PhD

► **Roumen Vesselinov, PhD**, Assistant Professor, and **Jennifer Albrecht, PhD**, Associate Professor, both with the Department of Epidemiology & Public Health, were among the co-authors of “Traumatic Brain Injury in Older Adults: Characteristics, Outcomes, and Considerations. Results From the American Association for the Surgery of Trauma Geriatric Traumatic Brain Injury (GERI-TBI) Multicenter Trial,” which was published in the *Journal of the American Medical Directors Association* on March 10, 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 “Manganese-Labeled Alginate Hydrogels for Image-Guided Cell Transplantation,” which was published in the February 2022 issue of *International Journal of Molecular Sciences*. Separately, Dr. Janowski was among the co-authors of “Oxidative Stress-induced Autophagy Compromises Stem Cell Viability,” which was published in the March 2022 issue of *Stem Cells*. Epub ahead of print. Separately, Dr. Walczak was among the co-authors “Inhomogeneous Magnetization Transfer MRI of White Matter Structures in the Hypomyelinated Shiverer Mouse Brain,” which was published in *Magnetic Resonance in Medicine* on March 28, 2022. Epub ahead of print.

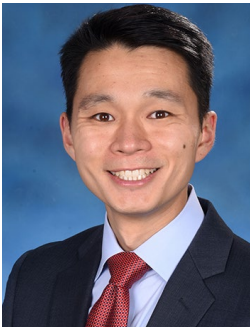


Piotr Walczak, MD, PhD



Ze Wang, PhD

► **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 “Functional Connectome Mediates the Association between Sleep Disturbance and Mental Health in Preadolescence: A Longitudinal Mediation Study,” which was published in *Human Brain Mapping* on April 15, 2022. Dr. Yang was the first author and Dr. Wang was the last author. Separately, **Yiran Li**, PhD Candidate, also from the Department of Diagnostic Radiology & Nuclear Medicine, and Dr. Wang were among the co-authors of “Lower Resting Brain Entropy is Associated with Stronger Task Activation and Deactivation,” which was published in the April 2022 issue of *NeuroImage*. Dr. Wang was the last author.



Paul H. Yi, MD

► **Paul H. Yi, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Leadership Titles in Radiology: Usage of Non-Inclusive Terminology among Academic Radiology Departments and Societies,” which was published in the March 2022 issue of *Academic Radiology*.
► **Yuji Zhang, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Morphological Phenotyping of Organotropic Brain-and Bone-Seeking Triple Negative Metastatic Breast Tumor Cells,” which was published in *Frontiers in Cell and Developmental Biology* on February 17, 2022.



Yuji Zhang, 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.

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You may submit your *Buzz* items online:
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Research Communications Network

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