



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

Honors & Awards

Congratulations to the following who have received honors!

► **Afrah Ali, MBBS**, Assistant Professor, Department of Emergency Medicine, received a Young Investigator Award from the American Heart Association and the Resuscitation Science Symposium for the abstract presentation "Simulation Based Assessment of Trainee's Performance in Post-Cardiac Arrest Resuscitation." The abstract appeared in *Circulation*.



Laura Buchanan, MD

► **Laura Buchanan, MD**, Assistant Professor, Department of Surgery, was selected as a 2022 Fellow of the Academy of Educational Excellence. This award is through the University of Maryland School of Medicine and established by Carolyn J. Pass, MD '66 and Richard J. Susel, MD '66.

► **Naillid Felipe, MD, MPH**, Emergency Medicine resident, was honored as Resident of the Year by the Maryland chapter of ACEP (American College of Emergency Physicians) at its annual educational conference in April.

► **Douglas Floccare, MD, MPH**, Clinical Assistant Professor, Department of Emergency Medicine, received a Lifetime Achievement award from the Air Medical Physician Association (AMPA) for his contributions to scholarship, education, and medical direction in the field of air medical transport.

► **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-founder & Director of the Institute of Human Virology at the University of Maryland School of Medicine, Co-founder & Chair of the Scientific Leadership Board of the Global Virus Network, was awarded the IRVA Basic Science Award 2022 by the International Retrovirology Association on May 10, 2022.



Robert Gallo, MD

► **Ben Lawner, DO, EMT-P**, Associate Professor, Department of Emergency Medicine, Medical Director of Maryland ExpressCare Critical Care Transport and Medical Director of the Baltimore City Fire Department, was recognized as a fellow of the Air Medical Physician Association at the 2022 AMPS symposium.



Ben Lawner, DO, EMT-P

► **Gabriella Miller, MD**, Emergency Medicine Resident, and **To-Lam Nguyen, MD**, Emergency Medicine/Pediatrics Resident, were recognized by the Council of Residency Directors of Emergency Medicine as resident divisional runners-up in its Clinical Pathologic Case Competition (CORD CPC).



Gabriella Miller, MD

► **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 in its Clinical Pathologic Case Competition (CORD CPC).



Bennett Myers, MD



Elizabeth Nichols, MD

► **Elizabeth Nichols, MD**, Associate Professor, Department of Radiation Oncology, was named by the editor of the *International Journal of Radiation Oncology, Biology, Physics* as an Outstanding Reviewer awardee for 2021.

► **Liz Ogunsanya, MD**, Emergency Medicine/Pediatrics Resident, was runner-up in the competition for the Linder Cup award presented at the Maryland ACEP (American College of Emergency Physicians) educational conference on April 21, 2022.

► **Angela Smedley, MD**, Assistant Professor, Department of Emergency Medicine, was honored as Physician of the Year by the Maryland chapter of ACEP (American College of Emergency Physicians) at its annual educational conference in April 2022. The chapter also named SOM alumnus Jon Wendell EMS Physician of the Year.

► **Shock Trauma's Critical Care Coordination Center (C4) team** has been selected as the recipient of the 2022 Patty Brown Innovation Award from the Chesapeake Regional Information System for our Patients (CRISP). The team was recognized for outstanding work provided both during and after the COVID-19 pandemic. The award recognizes individuals and teams that contribute to advancing health care in Maryland.



Thomas Scalea, MD, FACS, MCCM

► The C4 Team was conceived and developed under the leadership of **Thomas Scalea, MD, FACS, MCCM** Professor of Surgery, Director, Program in Trauma and UMMS System Chief for Critical Care; **Samuel Galvagno, DO, PhD, FCCM** and C4 Medical Director; Theodore Delbridge, MD, MPH, FACEP (Executive Director of MIEMSS); Andrew Naumann, BS, MS, NRP (Director of Regional Programs, MIEMSS); Additionally, Dwayne Kitis, NRP, Alex Kelly, NRP, Melissa Haut, NRP, and Todd Bowman, NRP served

to organize this statewide effort that has provided 24/7 critical care consultation and coordination for the entire state and neighboring states, including Delaware, West Virginia, Washington DC, Virginia, and Pennsylvania, since November 2019.

► The Department of Radiation Oncology Executive Academic and Advisory Council recognized **Melanie Berger**, a 2022 UMSOM graduate, with the annual Radiation Oncology Graduation Award. The \$2,500 award honors a senior medical student who has shown excellence in work in Radiation Oncology and demonstrated a sustained interest in this field during medical school. **Dahlia Kronfli**, also a 2022 UMSOM graduate, was presented with the Radiation Oncology Research Scholarship award. The \$2,000 award recognized her outstanding achievements on a number of research projects, including an article on racial and socioeconomic disparities in radiation treatment published in the *International Journal of Radiation Oncology - Biology - Physics* on April 28, 2022.

Appointments

We applaud our colleagues on their recent appointments!



Melissa Roane, MA

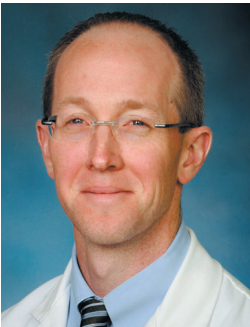
► **Melissa Roane, MA**, will join the Department of Physical Therapy & Rehabilitation Services on Monday, May 9, 2022, as the new PTRS Allied Health Administrator. Roane has a strong background in education, management, and operations and will transition fully into the instrumental department role of Allied Health Administrator on June 1, 2022, when Karen Sack's retirement commences. Karen has been a valued member of the PTRS for the past 18 years. Her steadfast role has aided the growth of the department and ensured its successful operations during her tenure.

► **Kathleen To, MD**, Assistant Professor, Department of Surgery, was named Chair-elect for the Society of Critical Care Medicine, Surgery Section. She will serve as Chair-elect from 2022-2023 and as Chair 2023-2024.

New Faculty

We welcome our new faculty!

► **Anne Brockmeyer, PT, DPT, PCS**, will join the department of Physical Therapy & Rehabilitation Science, on Monday, May 9, 2022. Dr. Brockmeyer boards as an Assistant Professor, with a secondary appointment in the Department of Orthopaedics. In addition to teaching for the PTRS Doctor of Physical Therapy Program, she will provide clinical care at the University of Maryland Orthopaedic Associates (UMOA) Camden practice, and various other practice sites, as a pediatric physical therapist.



Mike Winters, MD

► **Mike Winters, MD**, Professor and Vice Chair of Clinical and Administrative Affairs, Department of Emergency Medicine, and Professor of Medicine, taught two First Aid sessions to Troop 460 of the Carroll District, Boy Scouts of America.

Grants & Contracts

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



Seth Ament, PhD

► **Seth Ament, PhD**, Associate Professor, Department of Psychiatry and Institute for Genome Sciences, received a two-year, \$424,875 grant from the National Institute of Mental Health (NIMH) for "Single-cell Multi-omics of Cerebellar Dysregulation in Schizophrenia and Bipolar Disorder."

► **Soha Bazyar, MD, PhD**, Resident, Department of Radiation Oncology, has been named by the Radiological Society of North America Research & Education Foundation as a 2022-2023 Resident Awardee for her project on "Ultra-High Dose Rate Sparing of Lung Tissue During Radiation Therapy." The award provides \$30,000 in support for a one-year project.

► **Robert Bloch, PhD**, Professor, Department of Physiology, received a \$278,382 annual renewal from the Jain Foundation for "The Role of Dysferlin in Skeletal Muscle *In Vitro* and *In Vivo*."



Robert Bloch, PhD



Jacques Ravel, PhD

► **Jacques Ravel, PhD**, Professor, Department of Microbiology & Immunology, Acting Director, Institute for Genome Sciences, received a two-year, \$400,113 grant from the National Institute of Allergy and Infectious Diseases (NIAID) for "TransBiota: Genital Microbiome, Inflammation and HIV Risk in Trans Men and Women." He also received a two-year, \$400,113 grant from the National Institute of Allergy and Infectious Diseases (NIAID) for "TransBiota: Genital Microbiome, Inflammation and HIV Risk in Trans Men and Women."

► **Sarah Robbins, PhD Candidate**, mentored by **Rebecca Brotman PhD, MPH**, Professor, Department of Epidemiology & Public Health, Institute for Genome Sciences, and **Simeon Taylor MD, PhD**, Professor, Department of Medicine, Division of Endocrinology, Diabetes, and Nutrition, received a three-year F31 grant, \$107,409, from the National Institute for Health, NIAID, for "Type 2 Diabetes, Sodium Glucose Cotransporter-2 (SGLT2) Inhibitors and the Vaginal Microbiota."



Sarah Robbins, PhD Candidate

Grants & Contracts

Continued



Hervé Tettelin, PhD

► **Hervé Tettelin, PhD**, Professor, Department of Microbiology & Immunology, and Institute for Genome Sciences, received a two-year, \$91,953.00 grant from the National Institute for Health, a subcontract on an NIH R21 award to the New York Medical College entitled “Macrolide Resistance Transfer in *Streptococcus pyogenes*,” a five-year, \$710,244 grant from the National Institute for Health, a sub award from New York University, for “Capsular Serotype in Group B *Streptococcus* Colonization and Disease,” and a 2-year, \$91,953.00 grant from the National Institute for Health, a subcontract on an NIH R21 award to the New York Medical College titled: “Macrolide Resistance Transfer in *Streptococcus Pyogenes*.”



Rishi Kundi, MD

► **Samuel Tisherman, MD**, Professor; **Rishi Kundi, MD**, Assistant Professor; and **Jonathan J. Morrison, MB ChB, PhD**, Associate Professor, all with the Department of Surgery received a two-year, \$750,000 grant from the U.S. Army Medical Research Acquisition Activity for “Skills Determination, Decay and Delay Study.”

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was named as PI on a one-year National Cancer Institute subaward of \$41,382 from the Johns Hopkins University for “Integrating Bioinformatics into Multiscale Models for Hepatocellular Carcinoma.”



Phuoc Tran, MD, PhD

Presentations, Events, Lectures & Workshops

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

Department of Emergency Medicine faculty and residents made substantial contributions as leaders, speakers and participants at two annual emergency medicine conferences in April. The Maryland chapter of the American College of Emergency Physicians (ACEP) met on April 21, 2022 in Linthicum. The 28th annual Scientific Assembly of the American Academy of Emergency Medicine (AAEM22) met on April 23-27, 2022 in Baltimore. The AAEM program included talks, classes, and presentations by 22 members of the UMEM faculty and staff.



Leen Alblaihed, MBBS, MHA

Leen Alblaihed, MBBS, MHA, Assistant Professor; **Jason Adler, MD**, Clinical Assistant Professor; and **J. David Gatz, MD**, Assistant Professor, all with the Department of Emergency Medicine, along with former EM resident **Chrissy Tupe, MD**, were invited speakers at the educational conference of the Maryland chapter of the American College of Emergency Physicians (ACEP) on April 21, 2022.

Afrah Ali, MBBS, Assistant Professor, Department of Emergency Medicine, presented a lecture titled “Kids with Rashes: Diagnosis You CANNOT Miss” at AAEM22, the annual scientific assembly of the American Academy of Emergency Medicine.

► **Katharine Bisordi, MS, MGC, CGC**, Instructor; **Pam Herrada, MS, CGC**, Instructor; and **Stephanie Riley, ScM, CGC**, Instructor; all with the Department of Pediatrics, presented clinical case studies at the virtual quarterly Baltimore Washington Genetics Group (BWGG) Regional meeting in Baltimore, MD, on April 28, 2022. Ms. Bisordi’s presentation was entitled “Big Results for Small Vessel Brain Disease.” Ms. Herrada’s “CCAND Case Presentation,” and Ms. Riley’s “A Case of Multiple Pneumothoraces: When a Diagnosis Knocks the Wind Out of You,” were also presented. Additionally, **Jasmine Kretzer, DNP, CRNP, FNP-C**, Instructor, and **Jennifer Melody Dukes MSN, CRNP NNP-BC**, Instructor, Department of Pediatrics presented at BWGG about the growing role of nurse practitioners in clinical genetics.



Katharine Bisordi, MS, MGC, CGC

► **Laura Bontempo, MD, MEd**, Associate Professor, Department of Emergency Medicine, presented “ENT for the EP: A Literature Update” at AAEM22, the annual scientific assembly of the American



Laura Bontempo, MD, MEd

Academy of Emergency Medicine. She also co-chaired (with former faculty member George Willis) the planning committee for AAEM22, the annual Scientific Assembly of the American Academy of Emergency Medicine, held in Baltimore on April 23-27, 2022. The assembly drew 920 attendees.

► **France Carrier, PhD**, Professor, and **Amit Sawant, PhD**, Professor, both with the Department of Radiation Oncology, were course directors of the Annual Dr. Karl Prado Physics & Radiobiology Review Course, which was held May 13, 2022. Offered entirely virtually, participants were required to review a series of prerecorded lectures, which were followed up on day of the event with extended live question-and-answer sessions with course faculty, including University of Maryland School of Medicine and guest speakers, and other presentations on radiobiology, medical physics, and dosimetry.



France Carrier, PhD



WanTsu Wendy Chang, MD

► **WanTsu Wendy Chang, MD**, Associate Professor, Department of Emergency Medicine, gave three talks at AAEM22, the annual scientific assembly of the American Academy of Emergency Medicine. She presented “What’s New in Acute Ischemic Stroke?” as part of the Resuscitation for Emergency Physicians pre-conference course organized by Dr. Mike Winters; and “Beyond Bacterial Meningitis: Neuroinfectious Disease Emergencies” and “Shades of Gray Matter: Neuroimaging in the ED” as part of the main conference.

► **Vasken Dilsizian, MD**, Professor, from the Department of Diagnostic Radiology & Nuclear Medicine, was a Panel Discussant at the Saudi Heart Association Virtual Meeting in collaboration with the American Society of Nuclear Cardiology on “Nuclear Cardiology Now in Middle East: Case-Based Presentations and Discussion,” which was held on May 20-21, 2022.



Vasken Dilsizian, MD



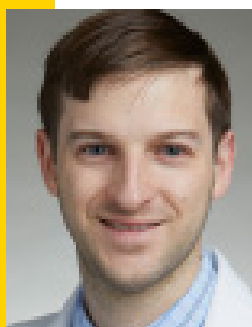
Shannan Dixon, MS, CGC

► **Shannan Dixon, MS, CGC**, Assistant Professor, Department of Pediatrics, presented “The Alliance to Increase Diversity in Genetic Counseling” at the virtual BWGG Regional meeting in Baltimore, MD, on April 28, 2022. Through a large grant from the Warren Alpert Foundation, the UM Master’s in Genetic Counseling Training Program will train students from socioeconomically disadvantaged backgrounds as genetic counselors over five years and serve as a model for other initiatives to increase diversity in the genetic counseling profession.

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, presented a workshop entitled “The Safe Environment for Every Kid (SEEK) Model: Preventing Child Maltreatment,” at the International Society for the Prevention of Child Abuse and Neglect (ISPCAN) Congress, in Quebec City, Canada, on March 29, 2022. He also presented “Neglected Children: A Role for Child Health Professionals,” at a Pediatric Grand Rounds in Stanford Medicine, Paolo Alto, CA, on April 8, 2022 as well as “Consequences of Neglect,” at the Disentangling Neglect from Poverty Webinar, presented by Pennsylvania State University, PA, on April 22, 2022, and “The Safe Environment for Every Kid (SEEK) Model: Promoting Children’s Health, Wellbeing, Development and Safety,” at a Pediatric Grand Rounds at Carilion Children’s Hospital, Roanoke, VA, on April 28, 2022.



Howard Dubowitz, MB, ChB, MS, FAAP



Kyle Fischer, MD, MPH

► **Kyle Fischer, MD, MPH**, Clinical Assistant Professor, Department of Emergency Medicine, was the keynote speaker at the American Trauma Society (ATS) annual conference on April 8, 2022, with a virtual presentation on “Contemporary Approaches to Violence Prevention,” which focused on hospital-based violence intervention programs. On April 29, Dr. Fischer participated in the Trauma Prevention Coalition’s 8th Annual Injury & Violence Prevention Professionals Symposium as a panelist for the session, “Working with the Trauma Center Influencers to Build Your Program’s Business Case.”

► **Douglas Floccare, MD, MPH**, Clinical Assistant Professor, and **Ben Lawner, DO, EMT-P**, Associate Professor, both with the Department of Emergency Medicine, facilitated the 2022 Air Medical Physicians Symposium in Perdido Beach, AL, and online on April 10, 2022. AMPS convenes physicians and clinical leaders for a one-day event focused exclusively on critical care transport medicine.



Ben Lawner, DO, EMT-P



Daniel Gingold, MD, MPH

► **Daniel Gingold, MD, MPH**, Assistant Professor, and **Afrah Ali, MBBS**, Assistant Professor, both with the Department of Emergency Medicine, delivered a lecture on “The Agitated Patient: From De-escalation to Chemical Restraints” at AAEM22, the annual scientific assembly of the American Academy of Emergency Medicine.



Joseph Martinez, MD

► **Joseph Martinez, MD**, Associate Professor, Department of Emergency Medicine, was an invited speaker at the 50th annual Emergency Medicine Conference of the Indiana chapter of ACEP held in Indianapolis, IN, in April 2022. His topic was “AMI — Does that Stand for Acute Mesenteric Ischemia or Am I Missing Ischemia?”

► **Amal Mattu, MD**, Professor and Vice Chair of Academic Affairs, Department of Emergency Medicine, was a featured speaker at two recent sessions of the Eagles Webinar, an online meeting of Emergency Medical Systems (EMS) medical directors from around the country and several other cities around the world. **Dr. Mattu** provided updates on “Diagnosing Posterior STEMI on the Normal ECG” on April 11, 2022 and “Prehospital Gender Bias in Diagnosis and Treatment of Myocardial Infarction” on May 3, 2022. He also was an invited commentator on “Chest Pain Guideline Update” for the May 2022 edition of Emergency Medicine: Reviews and Perspectives (EM:RAP), a monthly podcast with a global listening audience of more than 60,000 clinicians and led “EKG Workshop: Myocardial Ischemia,” a virtual three-hour workshop for the High Risk Emergency Medicine Hawaii conference sponsored by the University of California, San Francisco in Maui, Hawaii, on April 12, 2022. Recent virtual presentations by **Dr. Mattu** also include “ECG Literature Update,” for Emergency Medicine (Virtual) Ground Rounds at the University of South Carolina School of Medicine Greenville, on April 26, 2022; as well as virtual lectures on “Emergency Cardiology Update” and “Lessons Learned from the Past Year” and two sessions of an online seminar “STEMI Without the STE: Must-Know Findings That Maximize Reperfusion” for the 35th Annual Emergency Medicine Update conference in Toronto on May 5-6, 2022.



Amal Mattu, MD



Pranshu Mohindra, MD

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, was a distinguished virtual speaker on May 21, 2022 at the 2nd Annual Apollo Proton Practicum meeting, held at the Apollo Proton Cancer Centre in Chennai, India. He spoke on “Proton Therapy for Lung Cancers: Journey So Far and the Road Ahead.”

► **Jeffrey Nusbaum, MD, MBA**, Assistant Professor, and **Ben Lawner, DO, EMT-P**, Associate Professor, both with the Department of Emergency Medicine, represented the Maryland ExpressCare critical care transport team at a March 28, 2022 online seminar focused on critical pediatric cases. The faculty panel also included medical directors from Johns Hopkins LifeLine and STAT MedEvac.

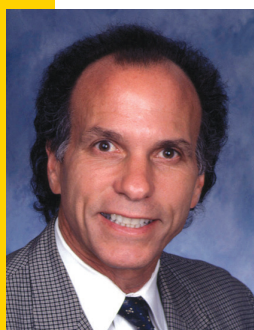
► **William Regine, MD**, Professor, Department of Radiation Oncology, was among the authors of “An International Consensus on the Design of Prospective Clinical-Translational Trials in Spatially Fractionated Radiation Therapy,” which was presented on March 4 at the 2022 Radiosurgery Society in Carlsbad, CA.



William Regine, MD

Presentations, Events, Lectures & Workshops

Continued



Henry Silverman, MD, MA

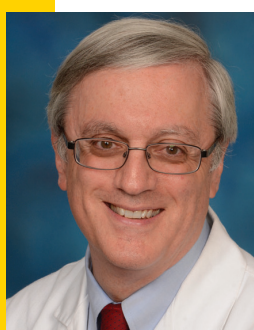
► **Henry Silverman, MD, MA**, Professor, Department of Medicine; **Samuel Tisherman, MD**, Professor, Department of Surgery; **Ali Tabatabai, MD**, Associate Professor, Department of Medicine; and **Eunsung Cho, MD**, Assistant Professor, Department of Pediatrics, were among the co-authors of “Ethical Decision-making Climate, Moral Distress, and Intention to Leave Among ICU Professionals in a Tertiary Academic Hospital Center,” which was published in *BMC Medical Ethics* on April 19, 2022.

► **Ali Tabatabai, MD**, Associate Professor, Department of Medicine, presented two lectures at the 51st Critical Care Congress, which was held virtually in April 2022. The topic of his talks were “ECMO for the COVID-19 Pregnant Patient” and “Mobilizing the ECMO Patient.”



Ali Tabatabai, MD

► **Samuel Tisherman, MD**, Professor, Department of Surgery, presented a talk at the 10th Congress for Emergency Medicine, which was held in Graz, Austria, in April 2022. The topic of his talk was “A Cool Way to Save Dying Patients-EPR.” He also was among the co-authors of “Do Not Attempt Resuscitate in the Operating Room: A Misconstrued Paradox?” which was published in the *Journal of American College of Surgery* on May 1, 2022.



Samuel Tisherman, MD



Mike Winters, MD

► **Mike Winters, MD**, Professor and Vice Chair of Clinical and Administrative Affairs, Department of Emergency Medicine, and Professor of Medicine, presented at several sessions of AAEM22, the 28th annual Scientific Assembly of the American Academy of Emergency Medicine. As course director for preconference course on Resuscitation for the Emergency Physician, **Dr. Winters** lectured on “What’s New in Cardiac Arrest?” “Post-Arrest Interventions That Matter!” and “Updates in Anaphylaxis.”

During the conference, **Dr. Winters** presented a plenary session on “Recent Resuscitation Articles You’ve Got to Know!” and lectured in the main scientific assembly on “Post-Arrest Interventions That Matter!” He also participated in “Meeting of the Minds: TTM2,” a debate on the current state of targeted temperature management in the post-arrest patient. He also attended SEMPA360, the annual meeting of the Society of Emergency Medicine Physician Assistants, in Las Vegas in April 2022 where he delivered the opening talk “Recent Resuscitation Articles You’ve Got to Know!” He was course director of the preconference course “Critical Care Symposium,” where he presented sessions on “Peri-Arrest Pearls for the Crashing Patient” and “Post-Arrest Interventions,” and he directed the preconference Ventilator Workshop and spoke on “The Crashing Ventilated Patient.” In addition, he presented at Grand Rounds at Mount Sinai Hospital in New York City on April 27, 2022 on the topic “Post-Arrest Interventions That Matter!”

Publications

Hats off to those who have been published!



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

► **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor; **Yuji Zhang, PhD**, Associate Professor; and **Sally Adebamowo, MBBS, MSc, ScD** Professor, all with the Department of Epidemiology & Public Health, were among the co-authors of “Polygenic Risk Scores for CARDINAL Study,” which was published in *Nature Genetics* on May 5, 2022.

► **Sally Adebamowo, MBBS, MSc, ScD**, Professor, and **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, both with the Department of Epidemiology & Public Health, are among the co-authors of “A Matched Case-control Study of Bean Intake and Breast Cancer Risk in Urbanized Nigerian Women,” which was published in *Cancer Causes Control* on May 5, 2022, and “The African Female Breast Cancer Epidemiology Study Protocol,” which was published in *Frontiers in Oncology* on April 13, 2022.



Sally Adebamowo, MBBS, MSc, ScD

► **Afra Ali, MBBS**, Assistant Professor, and **WanTsu Wendy Chang, MD**, Associate Professor, both with the Department of Emergency Medicine, along with colleagues in the Department of Neurology, recently published “Simulation-Based Assessment of Trainee’s Performance in Post-Cardiac Arrest Resuscitation” in *Resuscitation Plus*. Dr. Ali also co-authored “The Art of Sim-making: What to Learn from Film-making,” which was published in the *Journal of Emergencies, Trauma, and Shock* and was published online on April 4, 2022.



WanTsu Wendy Chang, MD

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Defining Radiology’s Imaginarium,” which was published in the April 2022 issue of the *Journal of the American College of Radiology*. Epub ahead of print.

► **Soren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Identifying Psychosocial Needs of Cancer Patients Undergoing Curative Radiation Therapy in an Inner-City Academic Center to Address Racial Disparities,” which was published in *The International Journal of Radiation Oncology, Biology, Physics* on April 28, 2022.

► **Kousick Biswas, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Effect of Androgen Suppression on Clinical Outcomes in Hospitalized Men With COVID-19: The HITCH Randomized Clinical Trial,” which was published in *JAMA Network Open* on April 1, 2022.

► **Maureen Black, PhD**, Professor, Department of Pediatrics, was a co-author on two publications entitled “Health and Development from Preconception to 20 Years of Age and Human Capital” and “Optimising Child and Adolescent Health and Development in the Post-pandemic World.” Both were published in *The Lancet* on April 25, 2022, as part of a series entitled Optimizing Health and Development to Promote Human Capital. Dr. Black served on the steering committee of the series and presented the paper, “Way Forward: Optimising Child and Adolescent Health and Development in the Post-pandemic World,” at the launch of the series, which was held in London on April 20, 2022.



Maureen Black, PhD



Uttam Bodanapally, MBBS

► **Uttam Bodanapally, MBBS**, Associate Professor, and **David Dreizin, MD**, Associate Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Dual-Energy CT and Cinematic Rendering to Improve Assessment of Pelvic Fracture Instability,” which was published in the April 2022 issue of *Radiology*. Epub ahead of print. Dr. Dreizin was the last author.

► **Laura Bontempo, MD, MEd**, Associate Professor, **Zachary Dezman, MD, MS**, Assistant Professor, along with colleagues in the Department of Emergency, recently published “57-year-old Female with Unusual Left-arm Movements,” which recently appeared in *Clinical Practice and Cases in Emergency Medicine*.



Laura Bontempo, MD, MEd,



Linda Chang, MD, MS

► **Linda Chang, MD, MS**, Professor, and **Thomas Ernst, Dr rer nat**, Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Cortical Thickness Changes After Computerized Working Memory Training in Patients with Mild Cognitive Impairment,” which was published in the April 2022 issue of *Frontiers in Aging Neuroscience*.

► **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, is the author of “Racism, Not Race: A Physician Perspective on Anti-Black Racism in America,” a commentary published in *A Critical Moment in Bioethics: Reckoning with Anti-Black Racism through Intergenerational Dialogue*, ed. Faith E. Fletcher et al. (special report). *Hastings Center Report* 2022 on April 26, 2022.



Elizabeth Clayborne, MD, MA

► **Christine Cloak, PhD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Individual-, Peer-, and Parent-level Substance Use-related Factors among 9- and 10-year-olds from the ABCD Study: Prevalence Rates and Sociodemographic Differences,” which was published in the June 2022 issue of *Drug and Alcohol Dependence Reports*.



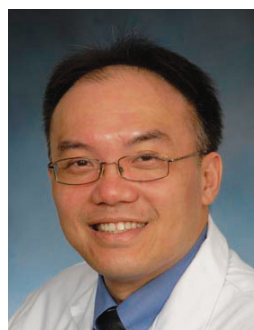
Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was a co-author on an article entitled “Update on Guidance and Best Practices for Nuclear Cardiology Laboratories during the Coronavirus disease 2019 (COVID-19) Pandemic: Emphasis on Transition to Chronic Endemic State. An Information Statement from ASN, IAEA, and SNMMI,” which was published in the *Journal of Nuclear Cardiology* on May 2, 2022 [Ahead of Print].

► **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.



Gozde Erdemir, MD



Quincy Tran, MD, PhD

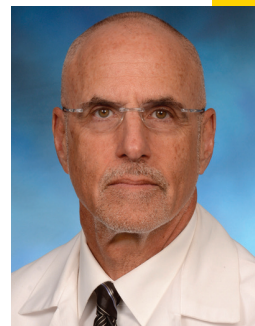
► **Emily Esposito, DO**, Assistant Professor, **Quincy Tran, MD, PhD**, Associate Professor, both with the Department of Emergency Medicine, and colleagues from the Research Associate Program in Emergency Medicine and Critical Care, authored “Predicting Outcomes for Interhospital Transferred Patients of Emergency General Surgery,” which appeared in *Critical Care Research and Practice* and was published online on April 15, 2022.

► **Jeffrey Galvin, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the last author of “Human Oncoviruses and Thoracic Tumors: Understanding the Imaging Findings,” which was published in the May-June 2022 issue of *Radiographics*.



Daria Gaykalova, PhD

► **Daria Gaykalova, PhD**, Associate Professor, Otorhinolaryngology-Head & Neck Surgery department and Institute for Genome Sciences, was among the co-authors of “Entinostat Decreases Immune Suppression to Promote Anti-tumor Responses in a HER2+ Breast Tumor Microenvironment,” which was published in *Cancer Immunology Research* on February 21, 2022.



Jeffrey Galvin, MD

► **Mira Ghneim, MD**, Assistant Professor; **Craig Sadler, MD**, Visiting Instructor; **Cheralyn Hendrix, MD**, Visiting Instructor; **Jaclyn Clark, MD**, Assistant Professor; **Joseph Alden Herrold, MD**, Assistant Professor; and **Jose Diaz, MD**, Professor; all with the Department of Surgery, were co-authors on “Cost Difference between Teaching and Nonteaching Hospitals Requiring Emergency Procedures in the State of Maryland,” which was published in the May 2022 issue of *The American Surgeon*. Dr. Ghneim also co-authored, along with **Jaclyn Clark, MD**, Assistant Professor; **Melike Harfouche, MD**, Assistant Professor; **Cheralyn Hendrix, MD**, Visiting Instructor; **Jose Diaz, MD**, Professor; all with the Department of Surgery, “Emergency General Surgery Procedures and Cost of Care for Older Adults in the State of Maryland,” which was published in the March 2022 issue of *The American Surgeon*.



Jose Diaz, MD



Mariana Guerrero, PhD

► **Mariana Guerrero, PhD**, Professor; **Weiguang Yao, PhD**, Associate Professor; **Stewart Becker, PhD**, Associate Professor; **Jason Molitoris, MD, PhD**, Assistant Professor; **Sastry Vedam, PhD**, Associate Professor; and **Byong Yi, PhD**, Professor; all with the Department of Radiation Oncology, were among the authors of “Validation of a Commercial Software Dose Calculation for Y-90 Microspheres,” which was published ahead of print in *Brachytherapy* on May 7, 2022.

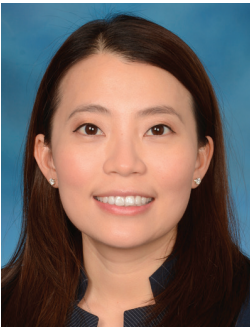
Kim Hankey, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Vaccine-Induced T Cells Against Sars-Cov-2 and its Omicron Variant in B Cell-Depleted Lymphoma Patients After CART,” which was published in *Blood* on May 10, 2022. She was also among the authors of “Humoral Immunity Against SARS-CoV-2 Variants Including Omicron in Solid Organ Transplant Recipients After Three Doses of a COVID-19 mRNA Vaccine,” which was published in *Clinical and Translational Immunology* on April 29, 2022.



Yuanyuan Liang, PhD, MSc

► **Yuanyuan 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 *Radiology* on April 19, 2022.

► **Clarissa Lin, MD, PGY 5** and Junior Chief (first author); **Maram Aljuaid, MD, PGY 5**; and **Nikki Tirada, MD**, Assistant Professor (last author), all with the Department of Diagnostic Radiology & Nuclear Medicine, were the co-authors of “Needlestick Injuries in Radiology: Prevention and Management,” which was published in the April 2022 issue of *Clinical Radiology*. Epub ahead of print.



Nikki Tirada, MD

► **Amal Mattu, MD**, Professor of Emergency Medicine and Vice Chair of Academic Affairs, co-authored “See You in Court: Practice and Documentation Change from a Mock Trial,” which recently appeared in the *Journal of Urgent Care Medicine*.



Amal Mattu, MD

► **Gabriella Miller, MD**, Emergency Medicine resident, is the first author of a poster with **Daniel Gingold, MD, MPH**, Assistant Professor, Department of Emergency Medicine, and the Mobile Integrated Health Group titled “Evaluating a Mobile Integrated Health-community Paramedicine’s Effect on Hospital Readmissions by Addressing Social Determinants of Health.”



Daniel Gingold, MD, MPH

► **Muhammand Mohiuddin, MBBS**, and **Corbin Goerlich, MD**, Post Doc Fellow, Department of Surgery; along with **Amit Singh, MBBS, MS**, Assistant Professor, Department of Medicine; **Tianshu Zhang, PhD**, Research Associate, Department of Surgery; **Ivan Tatarov, DVM**, Research Associate, Department of Pathology; and **Patrick Odonkor, MB, ChB**, Associate Professor; and **Erik Strauss, MD**, Assistant Professor; **Brittney Williams, MD**, Assistant Professor, all with the Department of Anesthesiology; and **Allen Burke, MD**, Professor, Department of Pathology; **Adnan Bhutta, MBBS, FAAP**, Professor, Department of Pediatrics; and **Ali Tabatabai, MD**, Associate Professor, and **Anuj Gupta, MD**, Associate Professor, both with the Department of Medicine; and **Bartley Griffith, MD**, Professor, Department of Surgery; were among the co-authors of “Progressive Genetic Modifications of Porcine Cardiac Xenografts Extend Survival to 9 Months,” which was published online ahead of print in *Xenotransplantation* on May 31, 2022.



Brittney Williams, MD



Nicholas Morris, MD

► **Nicholas Morris, MD**, Assistant Professor, Department of Neurology, is a co-author on “Effect of Early vs Standard Approach to Tracheostomy on Functional Outcome at 6 Months among Patients with Severe Stroke Receiving Mechanical Ventilation: The SETPOINT 2 Randomized Clinical Trial,” which was published online in *JAMA* on May 4, 2022.

► **Nariman Nezami, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors of “Comparative Effectiveness of Pelvic Arterial Embolization versus Laparotomy in Adults with Pelvic Injuries: A National Trauma Data Bank Analysis,” which was published in the June 2022 issue of *Clinical Imaging*.



Nariman Nezami, MD



Timothy O'Connor, PhD

► **Timothy O'Connor PhD**, Associate Professor, Department of Medicine and Institute for Genome Sciences, was among the co-authors of “Interpreting Clinical Trials With Omega-3 Supplements in the Context of Ancestry and FADS Genetic Variation,” which was published in *Frontiers in Nutrition* on February 8, 2022.

► **Yannick Poirier, PhD**, Assistant Professor; **Junliang Xu, PhD**, Assistant Professor; **Sina Mossahebi, PhD**, Assistant Professor; and **Amit Sawant, PhD**, Professor, all with the Department of Radiation Oncology, were among the authors of “Technical Note: Characterization and Practical Applications of a Novel Plastic Scintillator for Online Dosimetry for an Ultrahigh Dose Rate (FLASH),” was published online ahead of print in the April 2022 issue of *Medical Physics*.



Yannick Poirier, PhD



Elizabeth Powell, MD

► **Elizabeth Powell, MD**, Assistant Professor, Department of Emergency Medicine; **Daniel Haase, MD**, Assistant Professor, Department of Emergency Medicine; **Allison Lankford, MD**, Assistant Professor, Department of OB/Gyn; **Kimberely Boswell, MD**, Assistant Professor, Department of Emergency Medicine; **Emily Esposito, DO**, Assistant Professor, Department of Emergency Medicine; **Joseph Hamera, MD**, Visiting Instructor, Department of Emergency Medicine; **Siamak Dahi, MD**, Instructor, Department of Surgery; **Eric Krause, MD, JD**, Assistant Professor, Department of Surgery; **Gregory Bittle, MD**, Assistant Professor, Department of Surgery; **K. Barry Deatruck, MD**, Assistant Professor, Department of Surgery; **Bree Ann C Young, MD**, Post Doc Fellow, Department of Surgery; **Samuel Galvagno, DO, PhD**, Professor, Department of Anesthesiology; and **Ali Tabatabai, MD**, Associate Professor, Department of Medicine, were co-authors on “Body Mass Index Does Not Impact Survival in COVID-19 Patients Requiring Veno-venous Extracorporeal Membrane Oxygenation,” which was published online ahead of print in *Perfusion* on April 25, 2022.



Jacques Ravel, PhD

► **Jacques Ravel, PhD**, Professor, Department of Microbiology & Immunology, Acting Director, Institute for Genome Sciences, was among the co-authors of two publications, “Second Trimester Short Cervix is Associated with Decreased Abundance of Cervicovaginal Lipid Metabolites,” which was published in the *American Journal of Obstetrics & Gynecology* on April 22, 2022, and “Vaginal Microbiota and Mucosal Pharmacokinetics of Tenofovir in Healthy Women Using a 90-Day Tenofovir/Levonorgestrel Vaginal Ring,” which was published in *Frontiers in Cellular and Infection Microbiology* on March 8, 2022. Dr. Ravel was also a senior author of “Insight into the Ecology of Vaginal Bacteria through Integrative Analyses of Metagenomic and Metatranscriptomic Data,” which was published in *Genome Biology* on March 1, 2022; and “Towards a Deeper Understanding of the Vaginal Microbiota in *Nature Microbiology*,” published on March 4, 2022.

Lei Ren, PhD, Professor, Department of Radiation Oncology, was among the authors of “A Geometry-Guided Multi-Beamlet Deep Learning Technique for CT Reconstruction,” which was published on May 5, 2022, ahead of print in *Biomedical Physics and Engineering Express*.

Sanjit Roy, PhD, Postdoctoral Fellow; **Amit Sawant, PhD**, Professor; and **Hem Shukla, PhD**, Assistant Professor; all with the Department of Radiation Oncology, were among the authors of “Dysregulated Epigenetics of Chordoma: Prognostic Markers and Therapeutic Targets,” which was published on April 19, 2022, ahead of print in *Current Cancer Drug Targets*.



Amit Sawant, PhD

► **Bansi Savla, MD**, Resident; **Kaysee Baker, MS**, Director of Clinical Research Operations; **Caitlin Eggleston**, Clinical Research Manager; **Pranshu Mohindra, MD, MBBS**, Associate Professor; and **Melissa A. L. Vyfhuys, MD, PhD**, Visiting Assistant Professor; all with the Department of Radiation Oncology, were among the authors of “Identifying Psychosocial Needs of Cancer Patients Undergoing Curative Radiation Therapy in an Inner-City Academic Center to Address Racial Disparities,” which was published on April 28, 2022, ahead of print in the *International Journal of Radiation Oncology, Biology, Physics*. **Dahlia Kronfli**, a graduating UMSOM medical student, was the lead author of the article.



Pranshu Mohindra, MD, MBBS

► **Bradford Schwartz, MD**, Adjunct Assistant Professor, Department of Emergency Medicine, is the lead author of “Manual Palpation vs. Femoral Arterial Doppler Ultrasound for Comparison of Pulse Check Time During Cardiopulmonary Resuscitation in the Emergency Department: A Pilot Study,” which was recently published in the *Journal of Emergency Medicine*.



Bradford Schwartz, MD

► **Osman Siddiqui, MD**, and **Bansi Savla, MD**, Residents; along with **Sarah McAvoy, MD**, Assistant Professor; and **Mark Mishra, MD**, Associate Professor, all with the Department of Radiation Oncology, were among the authors of “From Beaming Cancer to Beaming Parent: Paternity Leave Experiences in Radiation Oncology,” which was published ahead of print on April 29, 2022 in the *International Journal of Radiation Oncology, Biology, Physics*.



Sarah McAvoy, MD



Mark Smith, PhD

Mark Smith, PhD, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the author of “Assessing if Adequate Hyperemic Response to Pharmacologic Stress in Rb-82 PET Myocardial Perfusion Imaging is Achieved: Are Biomarkers Helpful?” which was published in the *Journal of Nuclear Cardiology* on April 8, 2022. Epub ahead of print.

► **Ali Tabatabai, MD**, Associate Professor, Department of Medicine, was among the co-authors of “Responses to a Neutralizing Monoclonal Antibody for Hospitalized Patients With COVID-19 According to Baseline Antibody and Antigen Levels: A Randomized Controlled Trial,” which was published in the February 2022 issue of the *Annals of Internal Medicine*.



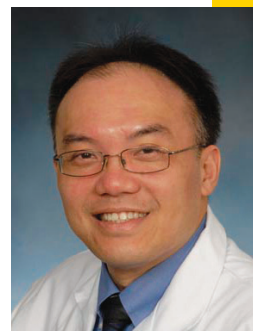
Ali Tabatabai, MD



Phuoc Tran, MD, PhD

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Interim Analysis of Companion, Prospective, Phase II, Clinical Trials Assessing the Efficacy and Safety of Multi-Modal Total Eradication Therapy in Men with Synchronous Oligometastatic Prostate Cancer,” which appeared in *Medical Oncology* on April 28, 2022.

► **Quincy Tran, MD, PhD**, Associate Professor; **Gentry Wilkerson, MD**, Associate Professor; **Rose Chasm, MD**, Assistant Professor; **Zachary Dezman, MD, MS**, Assistant Professor; **Daniel Haase, MD**, Assistant Professor; and **Jeffrey Rea, MD**, Assistant Professor; all with the Department of Emergency Medicine, are among the authors of “Patterns of Opioid Prescribing in Emergency Departments during the Early Phase of the COVID-19 Pandemic,” which was published in the June 2022 issue of the *American Journal of Emergency Medicine* and was published online on March 26, 2022.



Quincy Tran, MD, PhD



Maureen Black, PhD

► **Angela Trude, PhD**, Former Postdoctoral Fellow; **Maureen Black, PhD**, Professor; and **Erin Hager, PhD**, Associate Professor; all with the Department of Pediatrics, were co-authors on “A Click Too Far from Fresh Foods: A Mixed Methods Comparison of Online and In-store Grocery Behaviors among Low-income Households,” which was published in *Appetite* on April 12, 2022.

► **Gentry Wilkerson, MD**, Associate Professor, Department of Emergency Medicine, is among the authors of “Length of Stay and Hospital Cost Reductions After Implementing Bedside Percutaneous Ultrasound Gastrostomy (PUG) in a Critical Care Unit,” which appeared in the *Journal of Intensive Care Medicine* on April 27, 2022. The retrospective cohort study demonstrated how bedside percutaneous ultrasound gastrostomy (PUG) leads to a decrease in LOS and total hospital costs in patients with ventilator-dependent respiratory failure. The PUG procedure and associated device (PUMA-G system) was invented by Upper Chesapeake Medical Center emergency physician **Steven Tropello, MD, MS**, and is sold by a company he started, CoapTech.



Gentry Wilkerson, MD



Matthew Witek, MD

► **Matthew Witek, MD**, Associate Professor, Department of Radiation Oncology, was the first author of “Prospective study of PET/MRI Tumor Response During Chemoradiotherapy for Patients with Low-Risk and Intermediate-Risk P16-Positive Oropharynx Cancer,” which appeared in the *American Journal of Clinical Oncology* on May 1, 2022.

► **Su Xu, PhD**, Professor, and **Rao Gullapalli, PhD, MBA**, Professor, both with the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Combined Traumatic Brain Injury and Hemorrhagic Shock in Ferrets Leads to Structural, Neurochemical, and Functional Impairments,” which was published in the *Journal of Neurotrauma* on April 28, 2022. Epub ahead of print.



Su Xu, PhD



Paul Yi, MD

► **Paul Yi, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the first author of “Comparison of Radiologist versus Natural Language Processing-based Image Annotations for Deep Learning System for Tuberculosis Screening on Chest Radiographs,” which was published in the April 2022 issue of *Clinical Imaging*. Epub ahead of print.

► **Yuji Zhang, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Transcriptome Profiling Reveals that VNPP433-3ß, the Lead Next-generation Galeterone Analog Inhibits Prostate Cancer Stem Cells by Downregulating Epithelial-mesenchymal Transition and Stem Cell Markers,” which was published in *Molecular Carcinogenesis* on May 5, 2022.



Yuji Zhang, PhD

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