



# What's the Buzz?

FEBRUARY 2021 VOL.23 NO.2

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

## Presentations, Events, Lectures & Workshops

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



Howard Dubowitz, MB, ChB, MS, FAAP

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, presented "Child Neglect: A Role for Pediatrics," as Pediatric Grand Rounds at Primary Children's Hospital, Salt Lake City, Utah, in September 2020.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation at the Society of Nuclear Medicine and Molecular Imaging Mid-Winter & American College of Nuclear Medicine Annual Meeting entitled "Effect of COVID-19 on Nuclear Medicine Operations Including Cardiovascular Manifestations," which was held virtually on January 31, 2021.



Vasken Dilsizian, MD



Robert Gallo, MD

► **Robert Gallo, MD**, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology, participated in a Science Forum COVID-19 webinar from Sweden with other international virology scientists. Dr. Gallo's talk, "From HIV to SARS-CoV-2: A Reflection on the Science of These and Earlier Pandemics," was held on January 26, 2021. The Science Forum COVID-19 is a group of researchers and doctors that collaborates on science-based knowledge about the major issues and challenges that the ongoing pandemic has posed to the world. Other scientists from Sweden who participated included Dr. Peter Horal, Dr. Jan Lotvall and Dr. Anders Vahlne.

► **The Program in Trauma** faculty were well represented at the 34th Annual Scientific Assembly of the Eastern Association for the Surgery

of Trauma (EAST), which was held virtually January 13-14, 2021.

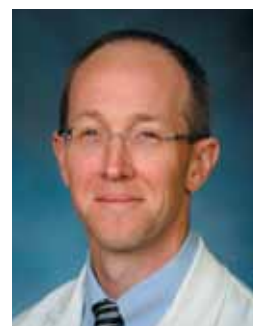
- **Emily Esposito, DO, MD**, Visiting Instructor of Surgery, Program in Trauma, presented "Factors associated with Stroke Formation in Blunt Cerebrovascular Injury: An EAST Multi-Center Study Responders."
- **Melike Harfouche, MD**, Visiting Instructor of Surgery, Program in Trauma, served as the discussant on "Stop the Fall: Identifying the 50% of Geriatric Trauma Patients with Significant Vision Loss."
- **Sharon Henry, MD**, Professor of Surgery, Program in Trauma, was the Annual Oriens Presentation Keynote Speaker. The title of her talk was "Sharing, Caring, and Cutting Shapes."
- **Margaret Lauerman, MD**, Assistant Professor of Surgery, Program in Trauma, served as the discussant on "EAST's Annual Distracted Driving Outreach Event: A Multi-Year Evaluation and Lessons Learned."
- **Nicole Toscano, MD**, Assistant Professor of Surgery, Program in Trauma, served as a discussant on "Novel Trauma Composite Score in Superior in Injury Severity Score in Predicting Mortality Across all Ages."



Sharon Henry, MD



Margaret Lauerman, MD



Michael Winters, MD

► **Michael Winters, MD**, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, Critical Care Perspectives in Emergency Medicine, episode "2020 AHA [American Heart Association] Updates: Post-Arrest Care," which was published on December 11, 2020.

## Grants & Contracts

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



Ronna Hertzano, MD, PhD

► **Ronna Hertzano, MD, PhD**, Associate Professor, Department of Otorhinolaryngology Head and Neck Surgery, was awarded \$2.9 million on December 1, 2020 from the National Institute of Deafness and other Communication Disorders (NIDCO), as a renewal for her R01 study of "Cell Type-Specific Transcriptional Cascades in Inner Ear Development."

► **Karen Kotloff, MD**, Professor, Department of Pediatrics, was awarded \$2,095,587 on January 5, 2021 from Moderna for Year 2 Trial Leadership Group for the Infectious Diseases Clinical Research Consortium (IDCRCLG) IDCRC CoVPN Activities and IDCRC Pediatric & Maternal COVID-19 Working Group CoVPN 3004 and was awarded \$617,961 for VTEU Cooperative Agreement-Base Supplement.

► **Dean Mann, MD**, Professor, Department of Pathology, was awarded a five-year, \$8,061,386 contract from National Cancer



Karen Kotloff, MD



Denise Orwig, PhD

Institute/National Institute of Health (NCI/NIH) for "Collection and Evaluation of Human Tissues and Cells from Donors with an Epidemiologic Profile."

► **Denise Orwig, PhD**, Professor, Department of Epidemiology & Public Health, received a one-year, \$122,784 National Institutes of Health (NIH) supplement grant for her work entitled, "Feasibility of Remote Home Support Coordinators to Decrease the Physical and Psychological Impact of Social Distancing on Older Adults." This project is funded under a P30 grant awarded to Brigham Women's Hospital, Inc.

► **Adam Puche, PhD**, Professor, Department of Anatomy and Neurobiology, was awarded additional funds for his State of Maryland COVID Response Initiative. The project has been extended to the end of June 2021, with total funding to date of \$853,000.



Dean Mann, MD



Adam Puche, PhD

## Honors & Awards

*Congratulations to the following who have received honors!*



Brandon Bruns, MD

► **Brandon Bruns, MD**, Associate Professor of Surgery, Program in Trauma, and Chief of Trauma at UM Capital Region Health, Prince's George's Hospital Center, received his MBA from the University of Maryland Smith School of Business in December 2020.

► **James Campbell, MD, MS**, Professor, Department of Pediatrics; **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor, Department of Medicine; and **Kirsten Lyke, MD**, Professor, Department of Medicine, have been named to the SAR MD, S-CoV-2 Vaccination Technical Advisory Group for the State of Maryland.



James Campbell, MD, MS

► **Wilbur Chen, MD, MS**, Professor, Department of Medicine, has been appointed to the Advisory Committee on Immunization Practices (ACIP) as a voting member of The Center for Disease Control's Advisory Committee on Immunization Practices.

► **Melike Harfouche, MD**, Visiting Instructor of Surgery, Program in Trauma, received the John M. Templeton, Jr., MD Injury Prevention Research Scholarship for her research "Developing a Patient-Informed Psychotherapy Model for Violently Injured Young Black Men." The scholarship was presented

during the 34th Annual Scientific Assembly of the Eastern Association for the Surgery of Trauma (EAST), which was held virtually January 13-14, 2021.

► **Christopher Jewell, PhD**, Associate Professor and Associate Chair for Research, University of Maryland College Park, Department of Microbiology and Immunology, was named the Miegunyah Distinguished Visiting Fellow at the Peter

Doherty Institute for Infection and Immunity (Australia) for 2021.

► **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor, Department of Medicine, was presented the 2020 Walter Reed Medal at the American Society of Tropical Medicine and Hygiene. This medal recognizes distinguished accomplishment in the field of tropical medicine.



Myron Levine, MD, DTPH



Christopher Jewell, PhD



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor in Vaccinology, and Director, Center for Vaccine Development and Global Health, has received 2020 *Baltimore Sun's* "Marylander of the Year" award for Unprecedented Leadership on COVID-19 Vaccines Research and Treatment.

► **Sandra Quezada, MD, MS**, Associate Professor, Associate Dean for Medical School Admissions and Assistant Dean for Faculty Diversity and

Inclusion, was recognized as the Outstanding Faculty recipient of the Reverend Dr. Martin Luther King, Jr. Diversity Award presented by the University of Maryland, Baltimore (UMB) in recognition for leadership in diversity efforts at the University.

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, was named a Top Doctor in the category of Hyperbaric Medicine in *Baltimore* magazine's November 2020 issue.

► **Gerard Slobogean, MD, MPH**, Associate Professor, Department of Orthopaedics, won the prestigious Bovill Award for his paper, "Vitamin D3 Supplementation Does

Not Improve Fracture Healing: A Double-Blinded Randomized Controlled Trial." Dr. Slobogean's paper was selected from more than 1,000 submitted abstracts. He will present his paper at an OTA (Orthopaedic Trauma Association) Specialty Session during the AAOS (American Academy of Orthopaedic Surgeons) annual meeting in San Diego in September 2021.

► The annual Society of Critical Care Medicine Surgery Section Trainee Quiz Show was held January 11, 2021. Participants consisted of teams from the **University of Maryland Shock Trauma Center**, Carolinas Medical Center, Houston Methodist, University of Florida (Shands), University of Nevada Las Vegas, University of Pennsylvania Trauma, and University of Texas Southwestern/Parkland. Representing the Shock Trauma team were Surgical Critical Care Fellows Drs. **Craig Sadler**, **Catherine Sharoky**, **Lucas Sjeklocha**, and **Patrick Walker**. The Shock Trauma team was VICTORIOUS, taking home the Gold medal!



Sandra Quezada, MD, MS



Kinjal Sethuraman, MD, MPH



Gerard Slobogean, MD

## New Faculty

*We welcome our new faculty!*

► **Kristopher Filak, MD**, joined the Department of Emergency Medicine as a Clinical Assistant Professor on January 4, 2021. Major Filak spent the last five years deploying with and leading austere resuscitative surgical teams and conducting expeditionary medicine operations. In his new role, he will be splitting time between the University of Maryland Medical Center Downtown and Midtown Campus Emergency Departments.

# Publications

*Hats off to those who have been published!*



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, and **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, Department of Epidemiology & Public Health, were co-authors of “Indigene Study as Part of the H3Africa Consortium. Qualitative Study of Comprehension of Heritability in Genomics Studies among the Yoruba in Nigeria,” which was published in *BMC Medical Ethics* on December 9, 2020.

► **Nabid Ahmed, MS**, Medical Student; **Ali Mohammadabadi, PhD, MSc**, Postdoctoral Fellow; and **Victor Frenkel, PhD**, Associate

Professor, Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Beam Characterization of a Custom, Handheld Focused Ultrasound System Using Thermochromic Liquid Crystal Films,” which was published in the December 2020 issue of *Medical Devices and Sensors*.



Victor Frenkel, PhD

► **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, co-authored “Trends in Demographics and Markers of Injury Severity in Traumatic Cervical Spinal Cord Injury,” which was published in the December 2020 issue of the *Journal of Neurotrauma*.



Jennifer Albrecht, PhD

► **Gregory Alexander, MD**, Resident; **Antony Koroulakis, MD**, Resident; **Mark Zakhary, PhD**, Assistant Professor; **Jason Molitoris, MD, PhD**, Assistant Professor;

**William Regine, MD**, Professor, and the Isadore & Fannie Schneider Foxman Chair in Radiation Oncology; and **Matthew Witek, MD**, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “Time to Treatment Analysis of Head and Neck Cancer Patients Undergoing Proton Therapy,” which appeared in the *American Journal of Otolaryngology Head and Neck Surgery*.



Mark Zakhary, PhD

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Mastering Presentation Zen: How to Improve Presentation Design and Educational Impact,” which was published in the December 2020 issue of *Current Problems in Diagnostic Radiology*.



Kathryn Hughes Barry, PhD, MPH

► **Kathryn Hughes Barry, PhD, MPH**, Assistant Professor; **Yuji Zhang, PhD**, Associate Professor; **Soren Bentzen, PhD, DMSC**, Professor, all from the Department of Epidemiology & Public Health; and PhD Students **Kareshma Mohanty** and **Patricia Erickson**, were co-authors of “MYC DNA Methylation in Prostate Tumor Tissue Is Associated with Gleason Score,” which was published in *Genes: An Open Access Journal from MDPI (Basel)* on December 24, 2020.

► **Francesca Benedetti, PhD**, Research Associate, Biochemistry and Molecular Biology, Institute of Human Virology; **Sabrina Curreli, PhD**, Research Associate, Tumor Cell Biology, Institute of Human Virology; **Robert Gallo, MD**, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology; and **Davide Zella, PhD**, Assistant Professor, Biochemistry and Molecular Biology, Division of Infectious Agents and Cancer, Institute of Human Virology, were co-authors of “Tampering of Viruses and Bacteria with Host DNA Repair: Implications for Cellular Transformation in Cancers” in *Cancers* on January 11, 2021.



Maureen Black, PhD

► **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, was a co-author of “Severe Housing Insecurity During Pregnancy: Association with Adverse Birth and Infant Outcomes,” which was published in the *International Journal of Environmental Research and Public Health* on November 21, 2020. In addition, Dr. Black along with **Alysse Kowalski, PhD**, Postdoctoral Fellow, Department of Pediatrics, were co-authors of “Women’s Empowerment Promotes Children Thriving Globally,” which was published in the *Journal of Nutrition* on December 30, 2020.

► **Mordecai Blaustein, MD**, Professor; **Youhua Wang, PhD**, former Postdoctoral Fellow, now Assistant Professor at Shaanxi Normal University, Xi’an, China; and **Jin Zhang, MD, PhD**, former Associate Professor, now at OmniSensing Photonics, LLC; along with **W. Gil Wier, PhD**, Professor Emeritus; and **Ling Chen, MD, PhD**, Associate Professor, all from the Department of Physiology, were senior, co-lead, and co-authors, respectively, of “NO-Induced Vasodilation Correlates Directly with BP in Smooth Muscle-Na/Ca Exchanger-1-Engineered Mice: Elevated BP Does Not Attenuate Endothelial Function,” which was published in the *American Journal of Physiology—Heart and Circulatory Physiology* on October 30, 2020.



Mordecai Blaustein, MD



France Carrier, PhD

► **France Carrier, PhD**, Professor, Department of Radiation Oncology, was the senior author of “Small Molecules Inhibitors of the Heterogeneous Ribonuclear Protein A18 (hnRNP A18): A Regulator of Protein Translation and an Immune Checkpoint,” which was e-published in *Nucleic Acids Research* on January 4, 2021.

► **Garrett Cavaliere, DO**, Resident; **Gregory Jasani, MD**, Resident; and **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, Department of Emergency Medicine, were among the authors of “Difficulty Ventilating: A Case Report on Ventilation Considerations of an Intubated Asthmatic Undergoing Air Medical Critical Care Transport,” which was published in *Air Medical Journal* on December 15, 2020.



Benjamin Lawner, DO, MS, EMT-P

► **Caleb Chan, MD**, Assistant Instructor; **Quincy Tran, MD, PhD**, Assistant Professor; and **Bradford Schwartz, MD**, Adjunct Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “A Meta-Analysis of Early Administration of Vasopressor in Septic Shock: Is There Mortality Benefit?” which was published in the January 2021 issue of *Critical Care Medicine*.



Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, authored the editorial “Interpretation and Clinical Management of Patients with “Fixed” Myocardial Perfusion Defects: A Call for Quantifying Endocardial-to-Epicardial Distribution of Blood Flow,” which is currently on PubMed [Ahead of Print] and will appear in the 2021 March issue of the *Journal of Nuclear Cardiology*.

► **David Dreizin, MD**, Associate Professor; **Guang Li, PhD**, Assistant Professor; **Eliot Siegel, MD**, Professor; and **Ze Wang, PhD**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear



David Dreizin, MD

Medicine, were among the co-authors of “A Multiscale Deep Learning Method for Quantitative Visualization of Traumatic Hemoperitoneum at CT: Assessment of Feasibility and Comparison with Subjective Categorical Estimation,” which was published in the November 2020 issue of *Radiology Artificial Intelligence*.

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, was lead author of “Protocol for Comparing Two Training Approaches for Primary Care Professionals Implementing the Safe Environment for Every Kid (SEEK) Model,” which was published in *Implementation Science Communications* on September 20, 2020; and of “Child Maltreatment, Early Adult Substance Use, and Mediation by Adolescent Behavior Problems,” which was published in *Child Maltreatment* on July 22, 2020. Dr. Dubowitz also co-authored “The Global Challenge of the Neglect of Children,” which was published in the December 2020 issue of *Child Abuse and Neglect*.

► **Uzoamaka Eke, MBBS**, Assistant Professor, Department of Medicine, Institute of Human Virology, Division of Infectious Diseases, was the first author of “Personal Protective Equipment in the Siege of Respiratory Viral Pandemics: Strides Made and Next Steps,” which was published in *Expert Review of Respiratory Medicine* on December 24, 2020, and “*Staphylococcus Pectenotiferi*-Positive Blood Cultures in Hospitalized Patients in a Multi-Site Tertiary Center,” which was e-published in *Diagnostic Microbiology and Infectious Disease* on December 5, 2020.



Ashkan Emadi, MD, PhD

► **Ashkan Emadi, MD, PhD**, Professor; **Rena Lapidus, PhD**, Associate Professor; **Maria Baer, MD**, Professor; **Sandrine Niyongere, MD**, Assistant Professor; and **Dominique Bollino, PhD**, Research Associate, all from the Department of Medicine; along with **Erin Strovel, PhD**, Assistant Professor, Department of Pathology, and **Curt Civin, MD**, Professor, Department of Pediatrics, were among the co-authors of “Venetoclax and Pegcristasparase for Complex Karyotype Acute Myeloid Leukemia,” which was published in *Leukemia* on November 16, 2020.

► **Catherine Fenselau, PhD**, Professor, Department of Chemistry and Biochemistry, and **Suzanne Ostrand-Rosenberg, PhD**, Professor of Biology, the Robert and Jane Myerhoff Chair, were co-authors of “Molecular Cargo in Myeloid-Derived Suppressor Cells and Their Exosomes,” which was published in the January 2021 issue of *Cellular Immunology*.

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, was one of the authors of “Buyer Beware: Inflated Claims of Sensitivity for Rapid COVID-19 Tests,” which was published in the January 2021 issue of *Lancet*.

► **Thorsten Fleiter, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “A 3-D-Printed Patient-Specific Ultrasound Phantom for FAST Scan,” which was e-published in the December 2020 issue of *Ultrasound in Medicine and Biology*.

► **DeAnna Friedman-Klabanoff, MD**, Instructor, and **James Campbell, MD, MS**, Professor, both from the Department of Pediatrics, were the authors of “A 29-day-old Infant with Poor Feeding and a Rash,” which was published in the January 2021 issue of *Pediatrics in Review*.

► **Eric Friedman, MD**, 2020 Residency Graduate, and **Quincy Tran, MD**, Assistant Professor, Department of Emergency Medicine, were among the authors of



Howard Dubowitz, MB, ChB, MS, FAAP

“Assessing Prevalence of Myocardial Infarction among Cocaine-Associated Chest Pain: A Meta-Analysis,” and “Prevalence of Critical Patients’ Adverse Events During Interhospital Transport: A Meta-Analysis,” both published in the January 2021 issue of *Critical Care Medicine*.



Robert Gallo, MD

► **Robert Gallo, MD**, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology, was a co-author of “Evolution Toward Beta Common Chain Receptor Usage Links the Matrix Proteins of HIV-1 and its Ancestors to Human Erythropoietin,” which was published in *PNAS* on January 12, 2021.

► **Dheeraj Gandhi, MBBS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Outcomes after Thrombectomy for Minor Stroke: A Meta-Analysis,” which was e-published in the December 2020 issue of *World Neurosurgery*. Dr. Gandhi was also among the co-authors of “Low-Dose Intravenous Heparin Infusion after Aneurysmal Subarachnoid Hemorrhage is Associated with Decreased Risk of Delayed Neurological Deficit and Cerebral Infarction,” which was e-published in the December 2020 issue of *Neurosurgery*.

► **Yue Gao, MD**, Postdoctoral Fellow; **Chengyan Chu, MD**, Postdoctoral Fellow; **Anna Jablonska, PhD**, Research Associate; **Piotr Walczak, MD, PhD**, Professor; and **Miroslaw Janowski, MD, PhD**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Imaging as a Tool to Accelerate the Translation of Extracellular Vesicle-Based Therapies for Central Nervous System Diseases,” which was e-published in the December 2020 issue of *Wiley Interdisciplinary Reviews Nanomedicine and Nanobiotechnology*. Separately, Dr. Janowski was the author of “Guideomics to Live Up to the Promise of Biotechnology for Precision Medicine of Brain Diseases,” which was published in *Advanced Science News* on January 4, 2021.

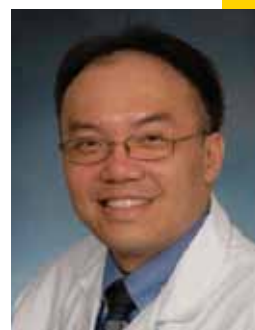
► **Daniel Haase, MD**, Assistant Professor, and **Quincy Tran, MD**, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “How the Critical Care Resuscitation Unit Contributes to Critically Ill Transfer: A 5-Year Experience,” and “Neurologic Status and Intubation in a Critical Care Resuscitation Unit for Mechanical Thrombectomy,” both published in the January 2021 issue of *Critical Care Medicine*.

► **Gregory Jasani, MD**, Resident, Department of Emergency Medicine, was first author of “Isolated Medial Rectus Entrapment Due to Medial Wall Blowout Fracture: A Case Report,” which was published in *Archives of Ophthalmology and Optometry* in 2020.

► **Aditya Jhaharia, PhD**, Postdoctoral Fellow; **Maninder Singh, PhD**, Postdoctoral Fellow; and **Dirk Mayer, Dr rer nat**, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “SIRT3, a Metabolic Target Linked to Ataxia-Telangiectasia Mutated (ATM) Gene Deficiency in Diffuse Large B-cell Lymphoma,” which was published in the December 2020 issue of *Scientific Reports*.

► **Antony Koroulakis, MD**, Resident, Department of Radiation Oncology, was among the authors of “Anatomy, Head and Neck, Lymph Nodes,” which was e-published in *StatPearls* on December 9, 2020.

► **Karen Kotloff, MD**, Professor, and **Matthew Laurens, MD, MPH**, Associate



Quincy Tran, MD



Dheeraj Gandhi, MBBS



Miroslaw Janowski, MD, PhD



Dirk Mayer, Dr rer nat



DeAnna Friedman-Klabanoff, MD



Karen Kotloff, MD

Professor, both from the Department of Pediatrics; **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor in Vaccinology and Director, Center for Vaccine Development and Global Health; and **Milagritos Tapia, MD**, Professor, Department of Pediatrics, were among the authors of “Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine,” which was published in the December 2020 issue of *The New England Journal of Medicine*.

► **Hong Lai, PhD, MPH**, Associate Professor, and **Shenghan Lai, MD**, Faculty Member, both from the Department of Epidemiology & Public Health, Institute of Human Virology, were among the authors of “Contribution of Risk Factors to the Development of Coronary Atherosclerosis as Confirmed via Coronary CT Angiography—a Longitudinal Radiomics-Based Study,” which was published in the February 2021 issue of *Radiology*.

► **Shenghan Lai, MD**, Faculty Member, Department of Epidemiology & Public Health, Institute of Human Virology, co-authored “The Role of NO in COVID-19 and Potential Therapeutic Strategies,” which was published in *Free Radical Biology and Medicine* on December 22, 2020.



Judy LaKind, PhD

► **Judy LaKind, PhD**, Adjunct Associate Professor, Department of Epidemiology & Public Health, co-authored “How Many Urine Samples Are Needed to Accurately Assess Exposure to Non-Persistent Chemicals? The Biomarker Reliability Assessment Tool (BRAT) for Scientists, Research Sponsors, and Risk Managers,” which was published in the *International Journal of Environmental Research and Public Health* on December 6, 2020.

► **Wendy Lane, MD, MPH**, Associate Professor, Department of Epidemiology & Public Health, and **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, co-authored “Social Determinants of Health, Personalized Medicine, and Child Maltreatment,” which was published in *Pediatric Research* on December 7, 2020; and “Cost Effectiveness of SEEK: A Primary Care-Based Child Maltreatment Prevention Model,” which was published in *Child Abuse and Neglect* on November 12, 2020.



Wendy Lane, MD, MPH

► **Marcel Lanza, PhD**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Does the Muscle Action Duration Induce Different Regional Muscle Hypertrophy in Matched Resistance Training Protocols?” which was published in the *Journal of Strength and Conditioning Research*.



Miriam Laufer, MD

► **Miriam Laufer, MD**, Professor, Department of Pediatrics, was among the authors of “Taking a Stand Against the Politicization of Medical Research: How ‘Swinging the Pendulum’ Poses a Hazard to Clinical Trials, Study Participants, and the Progress of Science,” which was published in the December 2020 issue of *Taylor and Francis Online (Expert Review of Clinical Immunology)*.

► **Michael Miller, MD, FACC, FAHA**, Associate Professor of Medicine, Division of Cardiovascular Medicine, Epidemiology & Public Health was among the co-authors of the following publications:

- “REDUCE-IT USA: Results From the 3146 Patients Randomized in the United States,” which was published in *Circulation* on May 26, 2020.
- “Effect of Icosapent Ethyl on Gynoid Fat and Bone Mineral Health in the Metabolic Syndrome: a Preliminary Report,” which was published in *Clinical Therapeutics* on September 20, 2020.
- “Icosapent Ethyl: Niche Drug or for the Masses?,” which was published in *Current Cardiology Reports* on August 8, 2020.



Michael Miller, MD, FACC, FAHA

- “REDUCE-IT INTERIM: Accumulation of Data Across Prespecified Interim Analyses to Final Results,” which was published in *European Heart Journal: Cardiovascular Pharmacotherapy* on October 3, 2020.
- “REDUCE-IT Investigators. Reduction in Revascularization with Icosapent Ethyl: Insights from REDUCE-IT REVASC,” which was published in *Circulation* on November 5, 2020.

► **Timothy Miller, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Endovascular Therapy in the Distal Neurovascular Territory: Results of a Large Prospective Registry,” which was e-published in the December 2020 issue of the *Journal of Neurointerventional Surgery*.

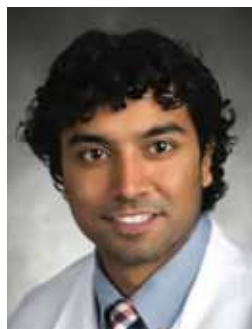


Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor in Vaccinology and Director, Center for Vaccine Development and Global Health; **Miriam Laufer, MD**, Professor, Department of Medicine; and **Meagan Deming, MD, PhD**, were among the authors of “Hydroxychloroquine as Postexposure Prophylaxis to Prevent Severe Acute Respiratory Syndrome Coronavirus 2 Infection,” which was published in the *Annals of Internal Medicine* on December 8, 2020. Dr. Neuzil was also among the

authors of “Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination,” which was published in *The New England Journal of Medicine* on January 7, 2021.

► **Suzanne Ostrand-Rosenberg, PhD**, Professor of Biology, the Robert and Jane Myerhoff Chair, was among the co-authors of “Survival of the Fittest: How Myeloid-Derived Suppressor Cells Survive in the Inhospitable Tumor Microenvironment,” which was published in the February 2020 issue of *Cancer Immunology, Immunotherapy*. She also was among the co-authors of “Therapies for Tuberculosis and AIDS: Myeloid-Derived Suppressor Cells in Focus,” which was published in the May 2020 issue of the *Journal of Clinical Investigation*.



Zaker Rana, MD

► **Zaker Rana, MD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Phase 1 Trial of Dose-Escalated Stereotactic Radiosurgery (SRS) Boost for Unfavorable Locally Advanced Oropharyngeal Cancer,” which was e-published in *Radiation Oncology* on December 11, 2020.

► **Santanu Samanta, MD**, Resident, Department of Radiation Oncology, was among the authors of “Bleeding with Vascular Endothelial Growth Factor Tyrosine Kinase Inhibitor: A Network Meta-Analysis,” which was e-published in *Critical Reviews in Oncology/Hematology* on December 9, 2020.

► **Manita Shakya, PhD**, Postdoctoral Fellow in the laboratory of **Iris Lindberg, PhD**, Professor, both from the Department of Anatomy and Neurobiology, were the authors of “Mouse Models of Human Proprotein Convertase Insufficiency,” which was published in *Endocrine Reviews* on December 31, 2020.

► **Mukta Srivastava, MD, FACC**, Associate Professor, Department of Internal Medicine, and **Emerson Wickwire, PhD**, Associate Professor, Departments of Psychiatry and Medicine, were among the co-authors of “CPAP Adherence Reduces Cardiovascular Risk Among Older Adults with Obstructive Sleep Apnea,” which was published in *Sleep and Breathing* on November 3, 2020.

► **Quincy Tran, MD**, Assistant Professor; **Daniel Haase, MD**, Assistant Professor; and **Wan-Tsu Chang, MD**, Assistant Professor, all from the Department of Emergency Medicine; as well as **Jay Menaker, MD**, Clinical Professor, Departments of Surgery and Emergency Medicine, were among the authors of “The Transfer



Emerson Wickwire, PhD

of Patients with Spontaneous Intracranial Hemorrhage in Need of External Ventricular Drain Placement—Does Admission Location Matter?” which was accepted for publication in the *Western Journal of Emergency Medicine* in October 2020.

► **Quincy Tran, MD**, Assistant Professor, Department of Emergency Medicine, was among the authors of:

- “Emergent Endoscopy for Esophageal Foreign Body: Does the Location Matter?” which was published in the January 2021 issue of *Critical Care Medicine*
- “Phenytoin Prophylaxis and Poor Outcome after Spontaneous Intracerebral Bleed: A Meta-Regression,” which was published in the January 2021 issue of *Critical Care Medicine*
- “Stroke From Large Vessel Occlusion: Blood Pressure Variability During Thrombectomy and Outcome,” which was published in the January 2021 issue of *Critical Care Medicine*
- “Transport of Obstetric Patients for Non-Delivery and Medical Reasons: Predictors of Care Intensity,” which was published in the January 2021 issue of *Critical Care Medicine*
- “Traumatic Brain Injury and Intraparenchymal Hemorrhage Expansion: Blood Pressure Variability Matters,” which was published in the January 2021 issue of *Critical Care Medicine*
- “Factors Associated with Refractory Pain in Emergency Patients Admitted to Emergency General Surgery,” will be published in the *World Journal of Emergency Medicine* on March 15, 2021

► **Mark Travassos, MD, MSc**, Assistant Professor, Department of Pediatrics, was among the authors of “Vaccinating Detained Migrants against SARS-CoV-2—Preventing



Quincy Tran, MD



Mark Travassos, MD, MSc

Another Tragedy,” which was published in *The New England Journal of Medicine* on December 30, 2020.

► **Angela Trude, PhD**, Postdoctoral Fellow, and **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, were co-authors of “Bedtime Consistency and Weight Gain among Toddlers in Low-Income Families,” which was published in *The Lancet Child and Adolescent Health* on January 5, 2021.

► **Sastry Vedam, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Initial Feasibility and Clinical Implementation of Daily MR-Guided Adaptive Head and Neck Cancer Radiotherapy on a 1.5T MR-Linac System: Prospective R-IDEAL 2a/2b Systematic Clinical Evaluation of Technical Innovation,” which was e-published in the *International Journal of Radiation Oncology, Biology, Physics* on December 16, 2020.



Piotr Walczak, MD, PhD

Nuclear Medicine, was the last author of “Phlegmonous Appearance in the Ipsilateral Paracardiac Fat without Paracardiac Lymph Node Enlargement on Chest CT Favors the Diagnosis of Pleural Tuberculosis over Malignant Pleural Effusion,” which was published in the December 2020 issue of *Diagnostics (Basel, Switzerland)*.

► **Piotr Walczak, MD, PhD**, Professor, and **Yajie Liang, MB, PhD**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were the co-authors of “Long Term Intravital Single Cell Tracking under Multiphoton Microscopy,” which was e-published in the December 2020 issue of the *Journal of Neuroscience Methods*.

► **Charles White, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Phlegmonous Appearance in the Ipsilateral Paracardiac Fat without Paracardiac Lymph Node Enlargement on Chest CT Favors the Diagnosis of Pleural Tuberculosis over Malignant Pleural Effusion,” which was published in the December 2020 issue of *Diagnostics (Basel, Switzerland)*.



Maureen Black, PhD



Charles White, MD

## In the News

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

► **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, was featured in “UMSOM’s Dr. Elizabeth Clayborne Joins a Panel Discussion on COVID-19 Vaccine Roll-out” on *MSNBC’s Weekends* with Alex Witt on December 20, 2021.

► **David Marcozzi, MD**, Associate Professor, Department of Emergency Medicine, was featured in:

- “Dr. Marcozzi: ‘I Don’t See the Peak Right Now’ as Thanksgiving COVID-19 Surge Expected” on *WBFF Fox 45 Baltimore* on November 30, 2020.



Elizabeth Clayborne, MD, MA

- “The Doctor Will See You Now. (Seriously, They Want to See You Now)” on *Maryland Matters* on December 1, 2020.
- “Mask-Wearing Key to Maintain Health, Economy Amid COVID-19 Pandemic, Doctor Says” aired on *WJZ 13 CBS Baltimore* on December 1, 2020.
- “Direct Connection: Your Health” aired on *MPT* on December 7, 2020.
- “The Spotlight on Maryland Is on COVID-19 With David Marcozzi, MD” on *Today’s 101.9* on December 15, 2020.
- “Physician Urges Citizens to Get Informed About the COVID-19 Vaccine,” which aired on *WFMD 930* on December 18, 2020.



David Marcozzi, MD



Kinjal Sethuraman, MD, MPH

## Appointments

*We applaud our colleagues on their recent appointments!*

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, on January 1, 2021, assumed the role of Section Co-Chief for the Division of Hyperbaric and Dive Medicine at the R Adams Cowley Shock Trauma Center.

HOW TO SUBMIT INFORMATION TO THE **Buzz**

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

OR

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

Research Communications Network

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

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