



What's the Buzz?

MARCH 2021 VOL.23 NO.3

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!



Jennifer Albrecht, PhD

► **Jennifer Albrecht, PhD**, Professor, Department of Epidemiology & Public Health, presented “Neuropsychiatric Sequelae of TBI: Incidence, Treatment, and Outcomes,” at the Mailman School of Public Health at Columbia University on January 28, 2021.

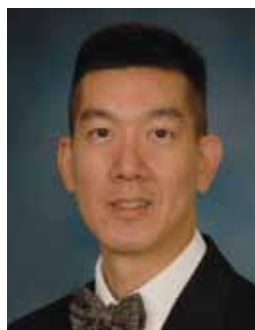
► **Bradley Alger, PhD**, Professor Emeritus, Department of Physiology, created a YouTube series of short (5-10 min) lectures on topics related to the scientific hypothesis.



Brad Alger, PhD

► **Wilbur Chen, MD, MS**, Associate Professor, Department of Medicine, was invited to speak:

- with Delegate Brian Crosby (District 29B) on January 7, 2021. The presentation was a Q&A on COVID-19.
- on the Maryland Area Health Education Center-West (AHEC-West) webinar, 3.0 CEUs on January 8, 2021. The presentation was titled “COVID-19 Update on Transmission, Therapies, and Vaccine Development.”
- at the 2021 Innovations in Regulatory Science Summit, sponsored by UCSF-Stanford Center of Excellence in Regulatory Science and Innovation (CERSI) on January 10, 2021. The presentation was titled “Lightning Talks in Regulatory Science: Vaccine Platforms for Rapid Product Development.”
- with “The Upside” Webcast sponsored by The Associated: Federation of Baltimore and JMORE on January 12, 2021. The presentation was titled “Understanding COVID-19 Vaccines.”
- with the University of Virginia Infectious Diseases and Global Biothreats Seminar on January 12, 2021. The presentation was titled “Working Toward Eradication of Invasive Meningococcal Disease in Sub-Saharan Africa.”
- at the Third Symposium on Innovative Therapeutics for *Cryptosporidium*, sponsored by PATH (Seattle, WA) on January 13, 2021. The presentation was titled “The Potential Use of Human Challenge Models for Accelerating the Development of Therapeutics for *Cryptosporidium*.”
- at the Maryland State Dental Association webinar, 2.0 CEs on January 15, 2021. The presentation was titled “COVID-19 Updates and Vaccine Development.”
- at the UM School of Dentistry Annual Retreat on January 22, 2021. The presentation was titled “COVID-19 Transmission and Vaccine Development.”
- at the Community Conversations: COVID-19, Health, and Vaccines webinar, sponsored by *Baltimore Magazine* on January 26, 2021. The presentation was titled “Q&A Discussion with Wilbur Chen and Jim Campbell,” moderated by President Jarrell.
- at the Townhall with District 11 (Baltimore County) Senator Shelly Hettleman and Delegates Dana Stein, Jon Cardin, and Lisa Belcastro on January 28, 2021. The presentation was a Q&A on COVID-19 Vaccines.
- at the Townhall with Maryland General Assembly Tri-Caucuses: Black, Latino, and Asian Pacific Islander on February 01, 2021. The presentation was a Q&A on COVID-19 Vaccines in Communities of Color with **Wilbur Chen**, **Mili Tapia**, and **Stacy Garrett-Ray**.



Wilbur Chen, MD, MS

• at the Fortunato & Friends webcast, sponsored by Constellation Energy (subsidiary of Exelon) with Ed Fortunato (Chief Economist, Exelon Corp.) on February 2, 2021. The presentation was a Q&A on COVID-19, the vaccines, viral mutations, and what's next.

► **Vincent Conroy, PT, DScPT**, Assistant Professor, and **Jason Falvey, PT, DPT, PhD**, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, participated as panel members on an “American Physical Therapy Association Live” session to discuss the latest updates on vaccine distribution, access, and administration on January 28, 2021.



Vincent Conroy, PT, DScPT



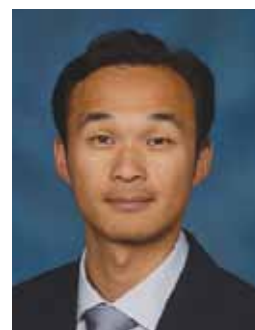
Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation at the 48th Annual International Congress of the Egyptian Society of Cardiology [CardioEgypt 2021], entitled “The Role of Cardiac Imaging in Infective Endocarditis,” which was a hybrid virtual and in-person meeting, Intercontinental City Stars, Cairo, Egypt, on February 18, 2021.

► **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology, provided the Uniformed Services University of the Health Sciences annual David Packard Lecture in a virtual format on March 22, 2021. Dr. Gallo presented “From T Cells and Human Retroviruses to the SARS-CoV-2 Pandemic and Innate Immunity.”



Robert Gallo, MD



Simon Ho, PT, DPT

► **Simon Ho, PT, DPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was an invited speaker at the 2020 World Conference on Lung Cancer, which was held virtually from Singapore, January 28–31, 2021. His talk, which was pre-recorded, went live on January 30, 2021, and included a live discussion panel. The title of his presentation was “Assessment of Physical Function in Patients Undergoing Lung-sparing Surgery for Malignant Pleural Mesothelioma.”

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery, was an invited speaker at the Society of Critical Care Medicine (SCCM) on Neuroscience Section (March 1, 2021) and Anesthesiology Section (January 14, 2021) business meetings for the Congress Star Research Achievement Award the “NSC Therapy Is More Neuroprotective than Glibenclamide after Cardiac Arrest via Immunomodulation,” in the 50th Critical Care Congress on January 31, 2021.



Xiaofeng Jia, BM, PhD



Victoria Marchese, PhD, PT

► **Victoria Marchese, PT, PhD**, Associate Professor and Chair, Department of Physical Therapy and Rehabilitation Science, was a panelist for the UMBrella Coaching Program entitled, “Her Path, Her Potential: A Career Panel Discussion,” which was held virtually on January 12, 2021.

Presentations, Events, Lectures & Workshops Continued

► **Elizabeth Nichols, MD**, Associate Professor, Department of Radiation Oncology, was a virtual grand rounds speaker in the Department of Radiation Oncology at Rutgers New Jersey Medical School on February 2, 2021. She spoke on “Advances in Radiation Therapy Modalities in the Treatment of Breast Cancer.”



Elizabeth Nichols, MD



Kinjal Sethuraman, MD, MPH

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, took part in a panel discussion, “Taking It to the Top: Career Advancement 101,” at the FemInEM (Females Working in Emergency Medicine) Idea Exchange DigitalFIX 2020 virtual conference held on October 9, 2020.

Honors & Awards

Congratulations to the following who have received honors!



Colleen Hughes Driscoll, MD

► **Colleen Hughes Driscoll, MD**, Assistant Professor, Department of Pediatrics, along with **Rebekah Friedrich, MS, RN, CCRN**, and **Samuel Gurmu**, won the Maryland Patient Safety Center Minogue Award Circle of Honor for their project, “Creation and Implementation of the COVID-19 Clinical Mobility Service” on January 14, 2021.

► **Vicki Gray, MPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been selected as an Elite Reviewer

for the *Archives of Physical Medicine and Rehabilitation*. The elite status designation reflects the number, timeliness, and quality of reviews for the *Archives* in 2020 as judged by the editors. Approximately three percent of the reviewers for 2020 were identified as deserving of this recognition.



Vicki Gray, MPT, PhD



Charles Hong, MD, PhD

► **Charles Hong, MD, PhD**, the Melvin Sharoky, MD Professor in Medicine and Director of Cardiology Research; **W. Jonathan Lederer, MD, PhD**, Professor of Physiology, and Director of the Center for Biomedical Engineering & Technology; and **Alan Shuldiner, MD**, the John L. Whitehurst Professor of Medicine, Associate Dean for Personalized &

Genomic Medicine, and Director of the Clinical Translation Sciences Institute, were honored as Distinguished Fellows by the American Association For The Advancement Of Science (AAAS). They are among the 489 distinguished scholars recognized this year by the AAAS for their “efforts toward advancing scientific applications that are deemed scientifically or socially distinguished.”

► Dr. Karl Hsieh and his wife, Dr. Catherine Lee, have endowed a scholarship in the name of **Mordecai Blaustein, MD**, Professor, Department of Physiology,



W. Jonathan Lederer, MD, PhD



Alan Shuldiner, MD

Washington University Medical School (WUMS). Dr. Blaustein is a WUMS alumnus (class of 1961) and was a professor in the WUMS Physiology Department from 1968-1979.



Xiaofeng Jia, BM, PhD

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery, has been honored with a Society of Critical Care Medicine (SCCM) Star Research Achievement Award, a Neuroscience Section Congress Scholarship, and an Anesthesiology Section Congress Scholarship. SCCM is a large multidisciplinary community with 16,000 members in more than 100 countries. He also has been elected to the Society’s Research Section Board as Chair, and is a member of the Discovery Steering Committee and Discovery Oversight Committee.

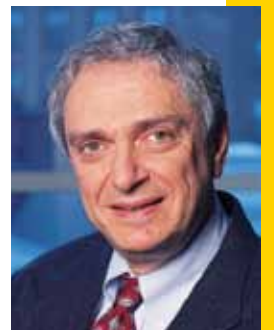
► **Bryan McNeilly, MD**, Resident, Department of Emergency Medicine, was selected in February 2021 as the next Chair-elect of the Emergency Medicine Residents’ Association’s Pre-Hospital and Disaster Medicine Committee.



Sandra Quezada, MD, MS

► **Sandra Quezada, MD, MS**, Associate Professor of Medicine, Associate Dean for Admissions, Assistant Dean for Faculty Diversity and Inclusion, was honored in January with the University of Maryland, Baltimore’s 2021 Rev. Dr. Martin Luther King Jr. Diversity Recognition Award. She also was honored in January with the American Gastroenterological Association’s 2021 Distinguished Service Award in Diversity, Equity, and Inclusion.

► **Stefanie Vogel, PhD**, Professor, Department of Microbiology and Immunology, has been named a “Distinguished Fellow of the American Association of Immunologists (AAI)” Class of 2021. This program annually recognizes members for distinguished careers and outstanding scientific contributions as well as service to the AAI and the immunology community. This is among the highest honors bestowed by AAI.



Mordecai Blaustein, MD



Stefanie Vogel, PhD

Grants & Contracts

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



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, Department of Epidemiology & Public Health, received a two-year \$94,752 NIH supplement for “H3Africa Administrative Coordinating Centre: Enabling and Supporting Genomics and Health Research Capacity Building in Africa.” This grant is funded through her collaboration with the University of Cape Town, South Africa.

► **France Carrier, PhD**, Professor, Department of Radiation Oncology and co-leader of the Molecular and Structural Biology Program of the Marlene and Stewart Greenebaum Comprehensive Cancer Center, received a one-year, \$35,000 grant from the Institute for Clinical & Translational Research (ICTR)/ Accelerated Translational Incubator Pilot (ATIP) program for “Optimization of Small Molecules Inhibitors of the Heterogeneous Ribonuclear Protein A18 (hnRNP A18); A Regulator of Cancer Progression and an Immune Checkpoint.”



France Carrier, PhD

► **Curt Civin, MD**, Associate Dean for Research; Director, Center for Stem Cell Biology & Regenerative Medicine; Professor, Department of Pediatrics, received a nine-month grant from the Maryland Innovation Initiative & Geminus Therapeutics for “Developing Best-in-Class Artemisinin ART714 for Treating Leukemia.” This project aims to De-risk ART714 by revealing ART714’s pharmacologic properties and quantify the efficacy of the 3-drug FAV combination against a common poor prognosis subset of AML cases defined by FLT3 and/or MLLr mutations.



Curt Civin, MD

► **Cassidy Claassen, MD, MPH**, Assistant Professor of Medicine, Institute of Human Virology, Center for International Health, Education, and Biosecurity, has been awarded \$593,964 over three years from the NIH for the project “Re-Engagement at Discharge (ReCharge): “Improving Post-Hospital Outcomes for HIV-infected Adults in Zambia.” ReCharge will improve HIV patient



Cassidy Claassen, MD, MPH

retention in care and viral suppression after discharge from hospital treatment, address patient- and system-level barriers, and monitor outcomes to assess retention in care at six months. The goal is to increase the proportion of clients retained in HIV care by 30 percent after discharge.



Cheng-Ying Ho, MD, PhD

► **Cheng-Yeng Ho, MD, PhD**, received Administrative Supplements for Mentored Career Development (K) Award in the amount of \$52,300 from National Institute of Neurological Disorders and Stroke (NINDS).

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery, was awarded a five-year \$2.3 million RO1 grant from the National Institutes of Health (NIH) for “Stem Cell Surface Modification to Promote Nerve Regeneration.”



Xiaofeng Jia, BM, PhD

► **Istvan Merchenthaler, MD, PhD, DSc**, Professor, Department of Epidemiology & Public Health, received a five-year, \$3,009,102 National Institutes of Health grant for his work entitled, “Brain-Selective Estrogen Therapy for Menopausal Hot Flashes in an Advanced Translational Animal Model.” **Adam Puche, PhD**, Professor, Department of Anatomy and Neurobiology, and outside collaborator, Laszlo Prokai, PhD, Professor, Department of Pharmacology and Neuroscience, University of North Texas,

were participating co-PIs on this award.

► **Kelly Westlake, PhD, MSc, PT**, Associate Professor, Department of Physical Therapy and Rehabilitation Science, has received an ICTR Innovative Collaboration Pilot Grant. The University of Maryland, Baltimore (UMB), Institute for Clinical & Translational Research (ICTR)/Clinical Translational Science Award (CTSA) has awarded Dr. Westlake \$30,000 for her project entitled, “Exploring the Neural Basis of Fear of Falling in Relation to Balance Perturbations in Older Adults.” The award period is May 1, 2021–April 30, 2022.



Kelly Westlake, PhD, MSc, PT

New Faculty

We welcome our new faculty!



Michy Kelly, PhD

► **Michy Kelly, PhD**, joined the Department of Anatomy and Neurobiology as an Associate Professor in January of 2021. She comes to UMB after having developed successful research programs in both academia (University of South Carolina School of Medicine, 2012–2021) and industry (Wyeth/Pfizer, 2006-2011). She obtained her PhD in neuroscience from Wake Forest University in 2002 and then completed her postdoctoral fellowship at the University of Pennsylvania from 2002-2006. Dr. Kelly’s research uses in vivo, ex vivo, and in vitro techniques to determine how cyclic nucleotide signaling regulates learning, memory, and social behaviors with the goal of developing novel therapeutics for age-related and neuropsychiatric diseases.

► **Mary Claire Perry, CRNP**, joined the Department of Pediatrics, Division of Pediatric Pulmonology/Allergy and Sleep Medicine, on November 9, 2020. Ms. Perry obtained her Pediatric Nurse Practitioner’s License in 2020 after attending The Catholic University of America. She worked as a NICU Registered Nurse

II at Children’s National Medical Center in Washington, DC from 2014–2020.

► **Marco Venniro, PhD**, joined the Department of Anatomy and Neurobiology in 2020 as an Assistant Professor. He received a PhD in pharmacology from the University of Palermo in 2012. He was then accepted into the NIH Graduate Partnership Program. Following a two-year fellowship at the National Institute on Drug Abuse, Dr. Venniro received his PhD in translational biomedicine from the University of Verona in 2016. He completed his postdoctoral fellowship in the laboratory of Dr. Yavin Shaham in 2020. Dr. Venniro is interested in behavior and translational research with a focus on the social component of neuropsychiatric disorders. He is particularly interested in understanding how alternative nondrug rewards can be used to control and treat drug addiction with a focus on social reward. He is now working to adapt his recently published social-choice operant model to study the neural mechanisms governing social behavior, drug addiction, and other neuropsychiatric disorders.



Marco Venniro, PhD

Publications

Hats off to those who have been published!



Bizhan Aarabi, MD

► **Bizhan Aarabi, MD**, Professor of Neurosurgery and Director of Neurotrauma at the R Adams Cowley Shock Trauma Center (corresponding author), **J. Marc Simard, MD, PhD**, Professor; **Tim Chrissykos, MD**, Resident; **Gary Schwartzbauer, MD, PhD**, Assistant Professor; **Charles Sansur, MD**, Professor; **Kenneth Crandall, MD**, Assistant Professor; **Aaron Wessel, MD**, Resident; **Greg Cannarsa, MD**, Resident; **Nicholas Caffes, MD**, Resident; **Jeffrey Oliver, MD**, Resident; and **Joshua Olexa, MD**, Resident, all from the Department of Neurosurgery, were among the authors of “Trends in Demographics and Markers of Injury Severity in Traumatic Cervical Spinal Cord Injury,” which was accepted for publication in the *Journal of Neurotrauma* and will be published on April 2, 2021.

► **Odessa Addison, DPT, PhD**, Assistant Professor, and **Elizabeth Parker, PhD, RD**, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, are co-authors of “Changes in Self-Reported Fruit and Vegetable Intake Following Nutritional Modification in High-Risk Older Veterans,” which was recently published in the *Journal of Nutrition in Gerontology and Geriatrics*.



Odessa Addison, DPT, PhD

► **Gad Alon, PhD, PT**, Associate Professor Emeritus, and **Mark Rogers, PT, PhD, FAPTA**, Adjunct Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Effects of Transcranial Direct Current Stimulation (tDCS) on Posture, Movement Planning, and Execution During Standing Voluntary Reach Following Stroke,” which was published in the *Journal of NeuroEngineering and Rehabilitation*.



Gad Alon, PT, PhD

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the co-author of “Insights on Delivering an Effective Radiology Resident Lecture,” which was published in the January 2021 issue of *Academic Radiology*; “Analysis of Common Innovative Teaching Methods Used by Radiology Educators,” which was published in the January 2021 issue of *Current Problems in Diagnostic Radiology*; and “The Radiology Readout: How Much Does It Matter?” which was published in the January–February 2021 issue of *Radiographics*.

► **Vivekjyoti Banerjee; Steven Czinn, MD**, Professor; **Thomas Blanchard, PhD**, Associate Professor; and **Aditi Banerjee, PhD**, Assistant Professor, all from the Department of Pediatrics were among the co-authors of “Synergistic Potential of Dual Andrographolide and Melatonin Targeting of Metastatic Colon Cancer Cells: Using the Chou-Talalay Combination Index Method,” which was published in the January 2021 issue of the *European Journal of Pharmacology*.



Steven Czinn, MD

► **Francesca Benedetti, PhD**, Research Associate of Biochemistry and Molecular Biology, Institute of Human Virology; **Sabrina Curreli, PhD**, Research Associate of Medicine, Institute of Human Virology; **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Director and Co-Founder, Institute of Human Virology; and **Davide Zella, PhD**, Assistant Professor of Biochemistry and Molecular Biology, Institute of Human Virology, were authors of “Exogenous Bacterial DnaK Increases Protein Kinases Activity in Human Cancer Cell Lines,” which was published in the *Journal of Translational Medicine* on February 9, 2021.

► **Nrusingh Biswal, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Proton Beam Therapy Can Achieve Lower Vertebral Bone Marrow Dose Than Photon Beam Therapy During Chemoradiation Therapy of

Esophageal Cancer,” which was e-published in *Medical Dosimetry* on January 13, 2021.



Alexis Boscak, MD

► **Alexis Boscak, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “A Virtual Emergency: Learning Lessons from Remote Medical Student Education during the COVID-19 Pandemic,” which was e-published in the January 2021 issue of *Emergency Radiology*. Dr. Boscak was also a co-author of “Radiology Medical Student Education 2020: Surveys of the Alliance of Medical Student Educators in Radiology and Medical Students,” which was e-published in the January 2021 issue of *Academic Radiology*.

► **Stephanie Cardona, DO**, Resident; **Jes Downing, MD**, Resident; **Reem Alfasasi, MB, ChB**, Resident; **David Milzman, MD**, Professor; **Bradford Schwartz, MD**, Adjunct Assistant Professor; and **Quincy Tran, MD**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Intubation Rate of Patients with Hypoxia Due to COVID-19 Treated with Awake Prone: A Meta-Analysis,” which was published in the *American Journal of Emergency Medicine* on January 27, 2021. **Deborah Stein, ELS**, Technical Writer/Editor, Department of Emergency Medicine, edited the manuscript.

► **Linda Chang, MD, MS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Pharmacotherapeutics of SARS-CoV-2 Infections,” which was e-published in the January 2021 issue of the *Journal of Neuroimmune Pharmacology*. Separately, Dr. Chang was also among the co-authors of “Nanocarrier Vaccines for SARS-CoV-2,” which was e-published in the January 2021 issue of *Advanced Drug Delivery Reviews*.



Linda Chang, MD, MS



Seemant Chaturvedi, MD

► **Seemant Chaturvedi, MD, FAHA**, the Stewart J. Greenebaum Endowed Professor of Stroke Neurology in the Department of Neurology, authored an editorial to accompany the U.S. Preventive Services Task Force position paper on screening for carotid artery stenosis. The editorial “To Screen or Not to Screen for Carotid Stenosis: Is That the Question?,” was e-published in *JAMA Neurology* on February 3, 2021. It had received more than 3,000 views as of February 8, 2021.



Rong Chen, PhD

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “Causal Network Inference for Neural Ensemble Activity,” which was e-published in *Neuroinformatics* on January 4, 2021. Separately, Dr. Chen was last author of “WGEVIA: A Graph Level Embedding Method for Microcircuit Data,” which was published in *Frontiers in Computational Neuroscience* on January 6, 2021.

► **Shuo Chen, PhD**, Associate Professor, Department of Epidemiology & Public Health:

- Co-authored “Temporal-Thalamic and Cingulo-Opercular Connectivity in People with Schizophrenia,” which was published in the *NeuroImage Clinical Journal* on December 11, 2020.
- Co-authored “Blinded Clinical Ratings of Social Media Data are Correlated with In-Person Clinical Ratings in Participants Diagnosed with Either Depression, Schizophrenia, or Healthy Controls,” which was published in the December 2020 issue of *Psychiatry Research*.



Shuo Chen, PhD

- Co-authored “Detecting Survival-Associated Biomarkers from Heterogeneous Populations,” which was published in *Scientific Reports* on February 5, 2021.
- Co-authored “An MRI-Based Radiomics Signature as a Pretreatment Noninvasive Predictor of Overall Survival and Chemotherapeutic Benefits in Lower-grade Gliomas,” which was published in the *European Radiology Springer Journal* on January 6, 2021.
- Co-authored “ICN: Extracting Interconnected Communities in Gene Co-expression Networks,” which was published in *Bioinformatics* on January 28, 2021. (Corresponding author)
- Co-authored “Link Predictions for Incomplete Network Data with Outcome Misclassification,” which was published in *Statistics in Medicine* on January 22, 2021.
- Co-authored “N-methyl-D-aspartate Receptor Antibody and White Matter Deficits in Schizophrenia Treatment-Resistance,” which was published in *Schizophrenia Bulletin* on January 30, 2021.
- Co-authored “Allostatic Load Effects on Cortical and Cognitive Deficits in Essentially Normotensive, Normoweight Patients with Schizophrenia,” which was published in *Schizophrenia Bulletin* on January 27, 2021.



Curt Civin, MD

► **Curt Civin, MD**, Associate Dean for Research, Director, Center for Stem Cell Biology and Regenerative Medicine, and Professor, Department of Pediatrics; **MinJung Kim, PhD**, Research Associate, Center for Stem Cell Biology and Regenerative Medicine, Department of Pediatrics; **Tami Kingsbury, PhD**, Assistant Professor, Center for Stem Cell Biology and Regenerative Medicine, Department of Physiology; **Soren Bentzen, PhD, DMSc, FASTRO**, Professor, Department of Epidemiology & Public Health; **Rena Lapidus, PhD**, Associate Professor, Department of Oncology; and **Ashkan Emadi, MD, PhD**,

Professor, Department of Medicine, were among the co-authors of “Antileukemic Efficacy of a Potent Artemisinin Combined with Sorafenib and Venetoclax,” which was published in *Blood Advances* on February 9, 2021.

► **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, was first author of “Diversity Pipelines: The Rationale to Recruit and Support Minority Physicians,” which was published in *JACEP Open* on January 2, 2021.



Elizabeth Clayborne, MD, MA

► **Marianne Cloeren, MD, MPH**, Associate Professor, Department of Medicine, was author of an article in the *On Being a Patient* series: “Missing the Forest for the Trees,” which was published in the *Annals of Internal Medicine* on January 19, 2021.



Marianne Cloeren, MD, MPH

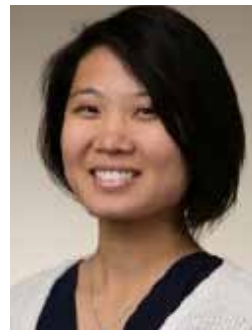
► **Azar Peter Dagher, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “The Association Between Magnetic Resonance Imaging Disc Pathology and Provocative Discography at the Lumbar Level,” which was published in the January–February 2021 issue of *Journal of Computer Assisted Tomography*.

► **David Dreizin, MD**, Associate Professor; **Alexis Boscak, MD**, Assistant Professor; **Matthew Peter Dattwyler, MD**, Assistant Professor; **Uttam Bodanapally, MBBS**, Associate Professor; and **Guang Li, PhD**, Assistant Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “An Automated Deep Learning Method for Tile AO/OTA Pelvic Fracture Severity Grading from Trauma Whole-Body CT,” which was e-published in the *Journal of Digital Imaging* on January 21, 2021. Separately, Drs. Dreizin and Li were also among



David Dreizin, MD

the co-authors of “Added Value of Deep Learning-Based Liver Parenchymal CT Volumetry for Predicting Major Arterial Injury after Blunt Hepatic Trauma: A Decision Tree Analysis,” which was e-published in *Abdominal Radiology (NY)* on January 19, 2021.



Sarah Dubbs, MD

► **Sarah Dubbs, MD**, Assistant Professor; **Siamak Moayed, MD**, Assistant Professor; **Amal Mattu, MD**, Professor; and **Michael Bond, MD, FACEP, FAAEM**, Associate Professor, all from the Department of Emergency Medicine, were among the authors of “Emergency Medicine Interest Groups,” which was published in the *Journal of Emergency Medicine* on October 27, 2020.

Additionally, Dr. Dubbs and **R. Gentry Wilkerson, MD**, Associate Professor, Department of Emergency Medicine, were among the authors of “Trial Design of Comparing Patient-Specific versus Weight-Based Protocols to Treat Vaso-Occlusive Episodes in Sickle Cell Disease (COMPARE-VOE),” which was published in *Contemporary Clinical Trials* on December 28, 2020.

► **Thomas Ernst, Dr rer nat**, Professor, and **Linda Chang, MD, MS**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Brain-Derived Neurotrophic Factor Val66Met Variant on Brain Volumes in Infants,” which was e-published in the January 2021 issue of *Brain Structure and Function*. Separately, Drs. Ernst and Chang were among the co-authors of “Association of Immunosuppression and Viral Load with Subcortical Brain Volume in an International Sample of People Living with HIV,” which was published in the January 2021 issue of *JAMA Network Open*.



Roy Film, PT, MPT, DPT, OCS, FAAOMPT

► **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was the author of a two-part continuing education article published in a multidisciplinary medical pain management journal, *Topics in Pain Management*. The articles are entitled: “Frontiers in Chronic Pain: Nonpharmacologic Presurgical Management to Reduce the Risk of Chronic Postsurgical Pain—Part 1” and “Frontiers in Chronic Pain: Nonpharmacological Presurgical Management to Reduce the Risk of Chronic Postsurgical Pain—Part 2.”



Robert Gallo, MD

► **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology, wrote a commentary, “The Great Coronavirus Pandemic of 2019–2021: The Future and the Requirement for China-America Cooperation,” which was published in *China CDC Weekly* on February 12, 2020.

► **Dheeraj Gandhi, MBBS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “EXPRESS: Global Impact of the COVID-19 Pandemic on Stroke Hospitalizations and Mechanical Thrombectomy Volume,” which was e-published in the January 2021 issue of *International Journal of Stroke*.



Dheeraj Gandhi, MBBS

► **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, co-authored “Weight Loss and Weight Gain in Parkinson Disease,” which was published in *Parkinsonism Related Disorders* on January 12, 2021. She was also a co-author of “Family Engagement for Hospitalized COVID-19 Patients: Policy with Unintended Consequences,” which was published in the January 2021 issue of *Quality Management in Health Care*.



Ann Gruber-Baldini, PhD



Vicki Gray, MPT, PhD

► **Vicki Gray, MPT, PhD**, Assistant Professor; **Janice Abarro, BS**, Senior Pre-Award Research Coordinator; and **Mark Rogers, PT, PhD, FAPTA**, Adjunct Professor, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Comparison of Lateral Perturbation-Induced Step Training and Hip Muscle Strengthening Exercise on Balance and Falls in Community Dwelling Older Adults: A Blinded Randomized Controlled Trial,” which was published in *The Journals of Gerontology: Series A*.

► **Rao Gullapalli, PhD, MBA**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Menstrual Cycle Variations in Gray Matter Volume, White Matter Volume and Functional Connectivity: Critical Impact on Parietal Lobe,” which was published in the December 2020 issue of *Frontiers in Neuroscience*.



Rao Gullapalli, PhD, MBA



Erin Hager, PhD

► **Erin Hager, PhD**, Associate Professor, and **Maureen Black, PhD**, Professor, both from the Department of Pediatrics, were co-authors with colleagues from the School of Social Work, of “Assessment of Risk for Food Insecurity among African American Urban Households: Utilizing Cumulative Risk Indices and Latent Class Analysis to Examine Accumulation of Risk Factors,” which was published in *Translational Behavioral Medicine* on December 31, 2020.

► **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine; **Sydney Chavis, Richard Dalby, Donita Dyalram, and Nicholas Cole Wilken**, were among the co-authors of “Can Extraoral Suction Units Minimize Droplet Spatter during a Simulated Dental Procedure,” which was published in the February 2021 issue of *The Journal of the American Dental Association*. Drs. Hines, **Chin KH, Glick DR, and Wickwire EM**, also were among the co-authors of “Trends in Moral Injury, Distress, and Resilience Factors among Healthcare Workers at the Beginning of the COVID-19 Pandemic,” which was published in the *International Journal of Environmental Research and Public Health* on January 9, 2021.



Stella Hines, MD, MSPH

► **Rydhwana Hossain, MD**, Assistant Professor, and **Charles White, MD**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Lung-RADS Version 1.1: Challenges and a Look Ahead, from the AJR Special Series on Radiology Reporting and Data Systems,” which was e-published in the January 2021 issue of *AJR American Journal of Roentgenology*.



Charles White, MD

► **Meizhen Huang, PhD**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “How Do Training Experience and Geographical Origin of a Runner Affect Running Biomechanics?” recently published in the journal *Gait & Posture*.

► **Woohyoung Jeon, PhD**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Effects of Different Initial Foot Positions on Kinematics, Muscle Activation Patterns, and Postural Control During a Sit-to-Stand in Younger and Older Adults,” which was published in the *Journal of Biomechanics*. She was also a co-author of “Bone Mineral Density Differences across Female Olympic Lifters, Power Lifters, and Soccer Players,” which was recently published in the *Journal of Strength and Conditioning Research*.

► **Timothy Jarvela, PhD**, former Postdoctoral Fellow; **Kriti Chaplot, PhD**, Postdoctoral Fellow; and **Iris Lindberg, PhD**, Professor, all

from the Department of Anatomy and Neurobiology, were the authors of “A Protease Protection Assay for the Detection of Internalized Alpha-Synuclein Pre-Formed Fibrils,” which was published in *PLoS One* on January 26, 2021.

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery, was the corresponding author:

- Along with first author **Shuai Zhang, PhD**, Postdoctoral Fellow, Department of Neurosurgery; co-author **Brittany Lachance**, Postdoctoral Fellow, Department of Neurology; and **Bilal Moiz, MD, PhD Student**, were authors of “Optimizing Stem Cell Therapy after Ischemic Brain Injury,” which was published in the September 2020 issue of the *Journal of Stroke*.
- Along with first author **Brittany Lachance**, Postdoctoral Fellow, Department of Neurology; **Zhuoran Wang, MD, MS**, Postdoctoral Fellow, Department of Neurosurgery; and **Neeraj Badjatia, MD, MS**, Professor, Department of Neurology, were authors of “SEP in Prognostication after Cardiac Arrest with Targeted Temperature Management,” which was published in the June 2020 issue of *Neurocritical Care*.
- Along with first author **Songyu Chen, MD, MS**, Postdoctoral Fellow, both from the Department of Neurosurgery, and **Brittany Lachance**, Postdoctoral Fellow, Department of Neurology, were authors of “Targeted Temperature Management and Early Neuroprognostication Post-Cardiac Arrest,” which was e-published in the January 2021 issue of the *Journal of Cerebral Blood Flow & Metabolism*.
- Along with first-author **Zhuoran Wang, MD, MS**, Postdoctoral Fellow, Department of Neurosurgery; **Jian Du, PhD**, Research Associate, Department of Neurosurgery; **Brittany Lachance**, Postdoctoral Fellow, Department of Neurology; **Conrad Mascarenhas**, Medical Student; and **Junyun He, PhD**, Postdoctoral Fellow, Department of Neurosurgery, were authors of “Intracerebroventricular Administration of hNSCs Improves Neurological Recovery after Cardiac Arrest in Rats,” which was e-published in the November 2020 issue of *Stem Cell Reviews and Reports*.



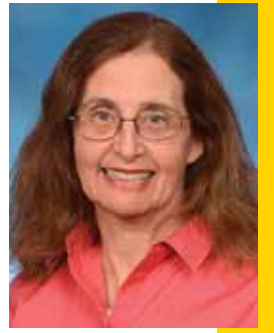
Scott Jerome, DO, FACC, FASNC, FSCCT

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, was among the co-authors of “Worldwide Variations in the Use of Nuclear Cardiology Camera Technology, Reconstruction Software, and Imaging Protocols,” which was published in the *JACC Journals: Cardiovascular Imaging* on November 11, 2020.

► **Lucas Kerstetter**, Laboratory Research Technician; **Stephen Buckley**, Laboratory Research Specialist; and **Lynda Coughlan, PhD**, Assistant Professor, Department of Microbiology and Immunology, co-authored “Adenoviral Vectors as Vaccines for Emerging Avian Influenza Viruses,” which was published in *Frontiers in Immunology* on January 29, 2021.

► **Kyung Koh, PhD**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was the co-author of “Dance Training Improves the CNS’s Ability to Utilize the Redundant Degrees of Freedom of the Whole Body,” and “Unveiling the Neuromechanical Mechanisms Underlying the Synergistic Interactions in Human Sensorimotor System,” which were both published in *Scientific Reports*.

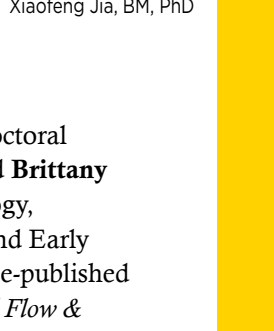
► **Antony Koroulakis, MD**, Resident; **Jason Molitoris, MD, PhD**, Assistant Professor; and **William Regine, MD**, the Isadore & Fannie Schneider Foxman Chair in Radiation Oncology, and Professor, all from the Department of Radiation Oncology, were among the authors of “Reirradiation for Rectal Cancer Using Pencil Beam Scanning Proton Therapy: A Single Institutional



Iris Lindberg, PhD



Xiaofeng Jia, BM, PhD



Jason Molitoris, MD, PhD

Experience,” which was e-published in the January/February 2021 issue of *Advances in Radiation Oncology*.

► **Shenghan Lai, MD**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “4C Study Group. Association of Serum Bile Acids Profile and Pathway Dysregulation with the Risk of Developing Diabetes among Normoglycemic Chinese Adults: Findings from the 4C Study,” which was published in the February 2021 issue of *Diabetes Care*.

► **Yuanyuan Liang, PhD, MSc**, Professor, and **J Kathleen Tracy, PhD**, Professor, both from the Department of Epidemiology & Public Health, co-authored “Safety and Immunogenicity of Co-Administration of Meningococcal Type A and Measles-Rubella Vaccines with Typhoid Conjugate Vaccine in Children Aged 15-23 Months in Burkina Faso,” which was published in the January 2021 issue of the *International Journal of Infectious Diseases*. Dr. Liang also co-authored “Telephone or Visit-Based Community Health Worker Care Management for Uncontrolled Diabetes Mellitus: A Longitudinal Study,” which was published in the January 2021 issue of the *Journal of Community Health*. Additionally, he was co-author of “Added Value of Deep Learning-based Liver Parenchymal CT Volumetry for Predicting Major Arterial Injury after Blunt Hepatic Trauma: A Decision Tree Analysis,” which was published in *Abdominal Radiology (NY)* on January 19, 2021.



J. Kathleen Tracy, PhD

► **Thomas MacVittie, PhD, MS**, Professor Emeritus, and **Ann Farese, MS**, Adjunct Assistant Professor, both from the Department of Radiation Oncology were:

- Co-authors of “Defining the Concomitant Multiple Organ Injury within the ARS and DEARE in an Animal Model Research Platform,” which was published in the November 2020 issue of *Health Physics*.
- Co-authors of “A Systematic Review of the Hematopoietic Acute Radiation Syndrome (H-ARS) in Canines and Non-Human Primates: Acute Mixed Neutron/Gamma vs. Reference Quality Radiations,” which was published in the November 2020 issue of *Health Physics*.
- Senior author and co-author, respectively, of “Acute Radiation-Induced Lung Injury in the Non-human Primate: A Review and Comparison of Mortality and Co-Morbidities Using Models of Partial-Body Irradiation with Marginal Bone Marrow Sparing and Whole Thorax Lung Irradiation,” which was published in the November 2020 issue of *Health Physics*.
- Were among the co-authors of “Lack of Cellular Inflammation in a Non-Human Primate Model of Radiation Nephropathy,” and “Evaluation of Plasma Biomarker Utility for the Gastrointestinal Acute Radiation Syndrome in Non-Human Primates after Partial Body Irradiation with Minimal Bone Marrow Sparing through Correlation with Tissue and Histological Analyses,” which were published in the November 2020 issue of *Health Physics*.
- Were among the co-authors of “Proteomic Evaluation of the Natural History of the Acute Radiation Syndrome of the Gastrointestinal Tract in a Non-human Primate Model of Partial-Body Irradiation with Minimal Bone Marrow Sparing Includes Dysregulation of the Retinoid Pathway,” and “Proteomics of Non-Human Primate Plasma after Partial-Body Radiation with Minimal Bone Marrow Sparing,” which were published in the November 2020 issue of *Health Physics*.
- Were among the co-authors of “Development of a Model of the Acute and Delayed Effects of High Dose Radiation Exposure in Jackson Diversity Outbred Mice; Comparison to Inbred C57BL/6 Mice,” and were among the co-authors of “Immune Reconstitution



Thomas MacVittie, PhD



Ann Farese, MA, MS

and Thymic Involution in the Acute and Delayed Hematopoietic Radiation Syndromes,” which was published in the November 2020 issue of *Health Physics*.



Amal Mattu, MD

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, was sole author of “COVID-19 Has Turned Cardiac Resuscitation Upside Down,” which was published by *Medscape* on January 27, 2021.

► **Pranshu Mohindra, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Complications of Intracavitary Brachytherapy for Gynecologic Cancers and Their Management: A Comprehensive Review,” which was e-published in *Brachytherapy* on January 19, 2021.



Pranshu Mohindra, MD, MBBS

► **Neeraja Murali, DO**, Assistant Professor, Department of Emergency Medicine, was a featured discussant on the EM:RAP 2021 February podcast segment “CorePendium Spotlight: Appendicitis,” which was published on February 1, 2021.

► **Nicola Nasser, MD, PhD**, Postdoctoral Fellow, Department of Radiation Oncology, was the first author of “Maintaining Consistent Bladder Filling During External Beam Radiotherapy for Prostate Cancer,” which was published in *Technical Innovations & Patient Support in Radiation Oncology* on January 30, 2021. He also was the first author of “Predictors of Prostate Bed Recurrence on Magnetic Resonance Imaging in Patients with Rising Prostate-Specific Antigen after Radical Prostatectomy,” which was published in the January 2021 issue of the *Canadian Urological Association Journal*.

► **Megan Ortega, PT, DPT, GCS**, Instructor; with DPT students **Louise Zimmerman, SPT '22**, and **Stormy Zyzyk, SPT '22**, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “The Four-Square Step Test and its Use Clinically in Different Populations,” which was recently published in *Current Geriatrics Reports*.



Megan Ortega, PT, DPT, GCS



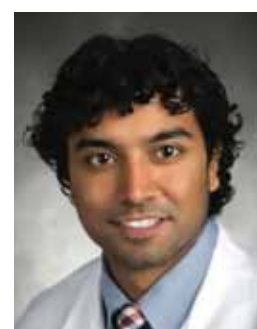
Elizabeth Parker, PhD, RD

► **Elizabeth Parker, PhD, RD**, Assistant Professor, and **Odessa Addison, DPT, PhD**, Assistant Professor; both from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Dietary Quality among Older Overweight or Obese Veterans with Dysmobility,” which was recently published in the journal *Innovation in Aging*.

► **Laura Pimentel, MD**, Clinical Professor, Department of Emergency Medicine, was among the authors of “Emergency Department Care Coordination Strategies and Perceived Impact Under Maryland’s Hospital Payment Reforms,” which was published in the *American Journal of Emergency Medicine* on December 25, 2020.



Laura Pimentel, MD



Zaker Rana, MD

► **Zaker Rana, MD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Impact of Stereotactic Body Radiation Therapy on Geriatric Assessment and Management for Older Patients with Head and Neck Cancer Using G8,” which was published in the January 2021 issue of the *Journal of Geriatric Oncology*.

► **Katharina Richard, PhD**, Research Associate; **Kari Ann Shirey, PhD**, Assistant Professor; **Archana Gopalakrishnan, PhD**, Postdoctoral Fellow; **Daniel Prantner, PhD**, Research Associate; **Wendy Lai**, Program



Vladimir Toshchakov, PhD

Manager; **Alexandra Vlk**, Graduate Student; **Vladimir Toshchakov, PhD**, Associate Professor; and **Stefanie Vogel, PhD**, Professor, all from the Department of Microbiology and Immunology, co-authored “A Mouse Model of Human TLR4 D299G/T399I SNPs Reveals Mechanisms of Altered Lps and Pathogen Responses,” which was published in the *Journal of Experimental Medicine* on February 1, 2021.

► **Kelly Rock**, PhD Student; **Christa Nelson, PT, DPT, PhD, OCS**, Assistant Professor; **Odessa Addison, DPT, PhD**, Assistant Professor; and **Victoria Marchese, PT, PhD**, Associate Professor and Chair, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Assessing the Reliability of Handheld Dynamometry and Ultrasonography to Measure Quadriceps Strength and Muscle Thickness in Children, Adolescents, and Young Adults” which was recently published in *Physical & Occupational Therapy In Pediatrics*.



Christa Nelson, PT, DPT, PhD



Jaron Santelli, MD

► **Jaron Santelli, MD**, Assistant Professor, Department of Emergency Medicine, was among the authors of “Recommended Musculoskeletal and Sports Medicine Model Curriculum for Emergency Medicine Residency Training,” which was published in *Current Sports Medicine Reports* on January 1, 2021.

► **Riccardo Serra, MD**, Resident, Department of Neurosurgery, was the lead and corresponding author of “A Systematic View of Pediatric Medulloblastoma Proteomics-



Riccardo Serra, MD

Current State of the Field and Future Directions,” which was published in the January 2021 issue of *Child’s Nervous System*.

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, was:

- First author of “Association of Pressure Injury with Body Care Activities in Nursing Homes,” which was published in *Wound Repair and Regeneration* on August 30, 2020.
- Among the authors of “Sex- or Gender-Specific Differences in the Clinical Presentation, Outcome, and Treatment of Sars-Cov2,” which was published in *Clinical Therapeutics* on January 16, 2021.
- First author of “Here to Chair: Gender Differences in the Path to Leadership,” which was published in *Academic Emergency Medicine* on January 29, 2021.
- Additionally, Dr. Sethuraman, along with **Wan-Tsu Chang, MD**, Assistant Professor; and **Daniel Gingold, MD, MPH**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Collaboration and Decision-Making on Trauma Teams: A Survey Assessment” which was published in the *Western Journal of Emergency Medicine* on January 11, 2021. **Deborah Stein, ELS**, Technical Writer/Editor, Department of Emergency Medicine, edited the manuscript.



Kinjal Sethuraman, MD, MPH

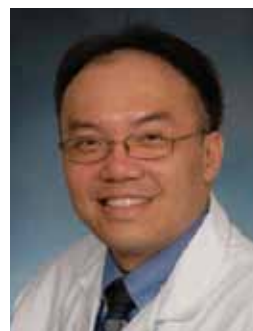
► **Lucas Sjeklocha, MD**, Assistant Instructor, and **Quincy Tran, MD**, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Whole Blood, Fixed Ratio, or Goal-Directed Blood Component Therapy for the Initial Resuscitation of Severely Hemorrhaging Trauma Patients: A Narrative Review,” which was published in the *Journal of Clinical Medicine* on January 17, 2021.



Elizabeth Streeten, MD

► **Elizabeth Streeten, MD, FACMG**, Clinical Professor, Department of Medicine, was the first author of “KCNQ1 and Long QT Syndrome in 1/45 Amish: The Road from Identification to Implementation of Culturally Appropriate Precision Medicine,” which was published in the December 2020 issue of *Circulation Genomic and Precision Medicine*.

► **Pamela Strissel, PhD**, Adjunct Associate Professor, Department of Radiation Oncology, was among the authors of “Bladder Tumor Subtype Commitment Occurs in Carcinoma In-Situ Driven by Key Signaling Pathways Including ECM Remodeling,” which was e-published in *Cancer Research* on January 20, 2021. She was also among the authors of “TERT Promoter Mutation Analysis of Whole-Organ Mapping Bladder Cancers,” which was published in *Genes* on February 5, 2021.



Quincy Tran, MD

► **Quincy Tran, MD**, Assistant Professor, Department of Emergency Medicine, was among the authors of “Topical Capsaicin for the Treatment of Cannabinoid Hyperemesis Syndrome, a Systematic Review and Meta-Analysis,” which was published in the *American Journal of Emergency Medicine* on January 15, 2021. He also was among the authors of “Effect of Blood Pressure Variability on Outcomes in Emergency Patients with Intracranial Hemorrhage,” which was published in the *Western Journal of Emergency Medicine* on January 12, 2021.

► **Libin Wang, BM, MM, PhD**, Associate Professor, Department of Medicine, Division of Cardiovascular Medicine, was among the co-authors of “Isolated Antineutrophil Cytoplasmic Antibody-Associated Coronary Vasculitis and Valvulitis,” which was published in *JACC: Case Reports: Clinical Case* on December 2, 2020.



Libin Wang, BM, MM, PhD



Emerson Wickwire, PhD

► **Emerson Wickwire, PhD**, Associate Professor, Departments of Psychiatry and Medicine, was lead author of “CPAP Adherence is Associated with Reduced Risk for Stroke Among Older Adult Medicare Beneficiaries with Obstructive Sleep Apnea,” which was accepted for publication in the *Journal of Clinical Sleep Medicine* on January 25, 2021.

► **Brittney Williams, MD**, Assistant Professor, Department of Anesthesiology; **Gary Fiskum, PhD**, the Matjasko Professor in Anesthesiology Research and Vice Chair; **Alan Cross, MD**, Professor of Medicine, Center for Vaccine Development and Global Health (CVD); **Rosemary Kozar, MD, PhD**, Professor, Department of Surgery; **Lin Zou, MD, PhD**, Assistant Professor, Department of Anesthesiology; and **Wei Chao, MD, PhD, FAHA**, Endowed Professor of Translational Research in Anesthesiology, were among the co-authors of “Hypobaric Exposure Worsens Cardiac Function and Endothelial Injury in an Animal Model of Polytrauma: Implications for Aeromedical Evacuation,” which was published in *Shock* on December 23, 2020. Separately, Drs. Williams, Zou and Chao, were among the co-authors of “Targeting Toll-Like Receptors in Sepsis—from Bench to Clinical Trials,” which was published in *Antioxid Redox Signal* on February 15, 2021.



Brittney Williams, MD

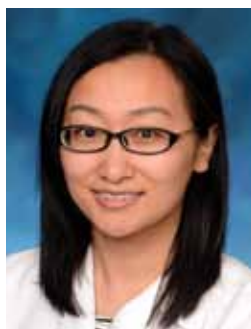
► **Michael Winters, MD**, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, *Critical Care Perspectives in Emergency Medicine*, episodes:



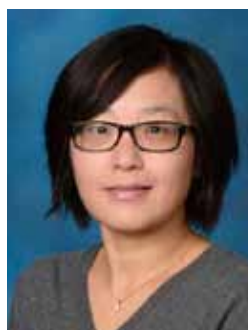
Michael Winters, MD

- “2020: A Year in Review,” which was published on January 11, 2021
- “The Critically Ill Patient with Aortic Stenosis,” which was published on January 26, 2021

► **Huijun Xu, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Knowledge-Based Planning in Robotic Intracranial Stereotactic Radiosurgery Treatments,” which was e-published in the *Journal of Applied Clinical Medical Physics* on February 9, 2021.



Huijun Xu, PhD



Yuji Zhang, PhD

► **Yuji Zhang, PhD**, Professor, Department of Epidemiology & Public Health, co-authored “Photodynamic Priming Modulates Endothelial Cell-Cell Junction Phenotype for Light-Activated Remote Control of Drug Delivery,” which will be published in the July-August 2021 issue of *IEEE Journal of Selected Topics in Quantum Electronics*.

In the News

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



Amitabh Chandra, MD

► **Amitabh Chandra, MD**, Assistant Professor, and **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, both from the Department of Emergency Medicine, were featured in “COVID-19, the Surge,” aired by *Square Off* on December 11, 2020.

► **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, was featured in:

- “In Harris VP Pick, Maternal Health Experts See a New Ally,” published by *The 19th* on August 13, 2020
- “Your Guide to Making Big Decisions Right Now,” published by *The Lily* on September 26, 2020
- “ER Doctor Shares Story, Urges Advance Care Plans amid COVID Surges,” published by *Newsy* on December 22, 2020
- MSNBC’s *Weekends with Alex Witt*:
 - discussing COVID-19, vaccinations, variants, and advanced care planning on December 27, 2020



Elizabeth Clayborne, MD, MA

- as part of a panel discussion, “Doctors Answer Your Coronavirus Vaccine Questions,” on December 13, 2020
- responding to the story “Projection: At Current Vaccination Rate, It Will Take Seven Years to Reach Normalcy on Global Scale,” on February 6, 2021
- “CDC Director Warns of Potential Case Surge after U.S. Capitol Riot,” aired January 9, 2021 by *CNN Newsroom*
- “Virus Outlook amid Vaccine Rollout, New Variants,” published by *Yahoo Finance* on January 28, 2021

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

- Governor Hogan’s January 26, 2021 press conference discussing community efforts to avoid the spread of COVID-19, new variants, and ongoing efforts to distribute a vaccine
- “Single-Dose Johnson & Johnson COVID-19 Vaccine Would Be a ‘Game Changer,’ Maryland Officials Say,” aired January 27, 2021 by *WJZ-TV 13 CBS Baltimore*



David Marcozzi, MD

► **Hannah Goldberg, MD**, Resident, Department of Emergency Medicine, was featured in “Medical Miracle,” a story on COVID-19 vaccination rollout, published January 11, 2021 by the *Baltimore Jewish Times*.

Appointments

We applaud our colleagues on their recent appointments!

► **Susan Joseph, MD**, Associate Professor, Department of Medicine, was selected as Section Chief of Advanced Heart Failure & Transplant Program on October 1, 2020. She will lead the program, working alongside our cardiac surgery colleagues, to take it to the next level of excellence in clinical care, education and research. Dr. Joseph has served on more than 11 committees, been a peer reviewer for eight medical journals, attended more than 75 invited lectures or faculty positions, held as a member of six professional societies/organizations, served as Associate Editor of the *Journal of Cardiac Failure*, *Circulation: Heart Failure*, and currently is an Editorial Board Member of *Circulation*, *Heart Failure*. She also has been part of 66 peer-reviewed manuscripts and 41 abstracts and has collected 11 awards and honors that include “Best Doctors in America” from 2013–2015.



Elizabeth Parker, PhD, RD

► **Elizabeth Parker, PhD, RD**, Assistant Professor, joined the core faculty of the Department of Physical Therapy and Rehabilitation Science effective January 1, 2021. Dr. Parker transferred from the UMSOM Department of Family & Community Medicine, Center

for Integrative Medicine. She will become a valued core member of PTRS with contributions in service, teaching and scholarship.



Erin Strovel, PhD

► Due to the transition of the Pediatrics Biochemical Genetics Laboratory to the University of Maryland Pathology Associates, P.A., **Erin Strovel, PhD**, Assistant Professor has transferred from the Department of Pediatrics to the Department of Pathology. Dr. Strovel currently serves as the Laboratory Director for the Pediatrics Biochemical Genetics Laboratory. The Biochemical Genetics Laboratory is a CAP/CLIA-certified full-service laboratory performing more than 2,000 tests a year for the diagnosis and management of inborn errors of metabolism, including aminoacidemias, organic acidurias, lysosomal storage disorders, disorders of galactose metabolism, biotinidase deficiency, disaccharidase enzyme deficiencies, and cystic fibrosis. Dr. Strovel oversees day to day operations and provides interpretations of all test results.

HOW TO SUBMIT INFORMATION TO THE **Buzz**

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

OR

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

Research Communications Network

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

DEPARTMENTS

- **Anatomy & Neurobiology:** Leslie Fitzpatrick | lfitzpatrick@som.umaryland.edu
- **Anesthesiology:** Candace Gaphardt | cgaphardt@som.umaryland.edu
- **Biochemistry & Molecular Biology:** Qun Zhou | qzhou@som.umaryland.edu
- **Dermatology:** Laurie Timberlake | ltimberlake@som.umaryland.edu
Betsy Satosky | fsatosky@som.umaryland.edu
- **Diagnostic Radiology & Nuclear Medicine:** Brigitte Pocta | bpocta@umm.edu
- **Emergency Medicine:** Linda Kesselring | lkesselring@em.umaryland.edu
- **Epidemiology & Public Health:** Hannah Andrews | handrews@som.umaryland.edu
- **Family & Community Medicine:** Cathy Malecki | CathyMalecki@som.umaryland.edu
Erinn Smith | ErSmith@som.umaryland.edu
- **Medicine:** Molly Lutz | mlutz@medicine.umaryland.edu
- **Microbiology & Immunology:** Cecilia Lizer | clizer@som.umaryland.edu
- **Neurology:** Penelope Birkhead | pbirkhead@som.umaryland.edu

- **Neurosurgery:** India Griffin | igriffin@som.umaryland.edu
- **OB-GYN:** Robin Kissinger | rkissinger@fpi.umaryland.edu
- **Ophthalmology:** Amy Kopec | akopec@som.umaryland.edu
- **Orthopaedics:** Dori Kelly | dkelly@umoa.umm.edu
- **Otorhinolaryngology:** Zubair Ahmed | zahmed@som.umaryland.edu
- **Pathology:** Lisa Rodgers | LiRodgers@som.umaryland.edu
- **Pediatrics:** Denise Hansen | dhansen@som.umaryland.edu
- **Pharmacology:** Shalon Edwards | NEdwards@som.umaryland.edu
- **Physical Therapy & Rehabilitation Science:** Donna Bethke | dbethke@som.umaryland.edu
- **Physiology:** Marty Lind | mlind@som.umaryland.edu
- **Psychiatry /BSRCU:** Lisa Cleary | lcleary@psych.umaryland.edu
- **Radiation Oncology:** Nancy Knight | nknight@umm.edu
- **Surgery:** Michele Mehrling | mmehrling@smail.umaryland.edu

INSTITUTES

- **Institute for Genome Sciences (IGS):** Sarah Pick | spick@som.umaryland.edu
Riham Keryakos | rkeryakos@som.umaryland.edu
- **Institute of Human Virology (IHV):** Nora Samarayanake | nsamarayanake@ihv.umaryland.edu
- **Institute for Clinical & Translational Research (ICTR):** Meriem Gaval Cruz | meriem.gavalcruz@umaryland.edu

RESEARCH CENTERS

- **Center for Biomedical Engineering and Technology (BioMet):** Pamela Wright | pbwright@umaryland.edu
- **Center for Integrative Medicine:** Rebekah Owens | rowens@som.umaryland.edu
- **Center for Stem Cell Biology:** Evets Morgan | emorgan@som.umaryland.edu
- **Center for Vaccine Development and Global Health:** Leslie Jamka | ljamka@som.umaryland.edu
Joanne Morrison | jmorrison@som.umaryland.edu
- **Center for Vascular & Inflammatory Diseases:** Yan Sun | yansun@som.umaryland.edu
- **Center for Innovative Biomedical Resources (CIBR):** Thomas McHugh | tmchugh@som.umaryland.edu
- **Center for Research on Aging:** Hannah Andrews | handrews@som.umaryland.edu
- **Center for Shock, Trauma and Anesthesiology Research (STAR-ORC):** Gabriela Felton | gfelton@anes.umm.edu

RESEARCH PROGRAMS

- **Program in Comparative Medicine:** Deborah Sanchez | dsanchez@umaryland.edu

- **Program in Genetics & Genomic Medicine:** Ruth Cosentino | rcosenti@som.umaryland.edu
- **Program in Health Disparities and Population Health:** Kate Tracy | ktracy@som.umaryland.edu
- **Program in Neuroscience:** Georgia Rogers | grogers@som.umaryland.edu
- **Program in Oncology:** Kelli Carroll | kcaroll@umm.edu
- **Program in Trauma:** Betsy Burcham | bburcham@umm.edu

ACADEMIC PROGRAMS

- **Graduate Programs in Life Sciences (GPILS):** Sharron Graves | sgraves@som.umaryland.edu
- **Medical Scientist Training Program (MSTP):** Jane Bacon | jbacon@som.umaryland.edu
- **MD Admissions:** Sandra Quezada | squezada@medicine.umaryland.edu
- **Medical & Research Technology:** Cynthia Stambach | cstambach@som.umaryland.edu
- **Masters of Public Health (MPH):** Kara Longo | klongo@som.umaryland.edu

ADMINISTRATIVE UNITS

- **Faculty Affairs:** Robertha Simpson | rsimpson@som.umaryland.edu
- **Information Services:** Sharon Bowser | sbowser@som.umaryland.edu
- **Research Career Development:** Stacie Mendoza | smendoza@som.umaryland.edu
- **Student Affairs:** TBA
- **Student Research:** Jean Marie Roth | jroth@som.umaryland.edu