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

- **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, Department of Epidemiology & Public Health, was invited to give a presentation entitled “GWAS of Persistent High-Risk HPV Infection: Results from an H3Africa Collaborative Center” at the NIH National Cancer Institute’s SeqSPACE Forum which took place virtually on June 8, 2021.

- **Marianne Cloeren, MD MPH**, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine, presented at the American Occupational Health conference on May 3, 2021. Her presentation was titled “The Occupational Medicine Pipeline: International Approaches to Developing Occupational Medicine Expertise.”

- **E. Ana Lia Graciano, MD, FAAP**, FCCM, Professor of Pediatrics/Division of Critical Care Medicine, was a guest speaker at the 2021 Spring Symposium organized by the FCCM, Professor, Department of Pediatrics/Division of Critical Care Medicine, J, Associate Professor, Division of Occupational and Environmental Medicine, presented at the American Occupational Health conference on May 3, 2021. Her presentation was titled “The Occupational Medicine Pipeline: International Approaches to Developing Occupational Medicine Expertise.”

- **Mangla Gulati, MD, FACP**, Associate Professor, Department of Medicine, and Nidhi Goel, MD, MHS, Assistant Professor, Departments of Medicine and Pediatrics, presented “Creating a Just Culture to Improve Patient Safety” at the Society of Hospital Medicine Converse Conference, which was held virtually in May 2021.

- **Alexis Salerno, MD, Assistant Professor, Department of Emergency Medicine**, successfully obtained official approval from the Emergency Ultrasound Fellowship Accreditation Council for the department’s new ultrasound fellowship on April 8, 2021. Dr. Salerno will serve as the Advanced Emergency Medicine Ultrasonography Fellowship Director.

- **Stella Hines, MD, MSPH, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine**, presented at the American Occupational Health conference on May 3, 2021. Her presentation was titled “Beryllium and the BeLPT: What Every Occupational Medicine Provider Needs to Know.”

- **Feyruz Rassool, PhD**, Professor, Department of Radiation Oncology, gave an invited virtual presentation on May 12 at the 2021 Basser Center for BRCA 9th Annual Scientific Symposium, which was sponsored by Penn Medicine. The presentation was on “Expanding PARP Inhibitors Beyond BRCA Mutations: Linking DNA Damage to Immune Signaling.”

- **Emerson Wickwire, PhD**, Associate Professor, Departments of Psychiatry and Medicine, presented an invited grand rounds presentation at the University of Arizona, Division of Pulmonary, Critical Care, and Sleep Medicine. The title of the presentation was “Value-Based Sleep: An Introduction to Sleep Health Economics.”

We applaud our colleagues on their recent appointments!

- **Peter Bowman, PT, DPT, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been appointed as the Director of Clinical Therapy Services for University of Maryland Orthopaedic Associates.

- **Roy Film, PT, MPT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has accepted an invitation from the World Health Organization (WHO) to work on the development of the Package of Interventions for Rehabilitation (PIR) as a member of the WHO Rehabilitation Programme’s Peer Review Group for Musculoskeletal Conditions.

- **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine, was invited to be the first Assistant Chair of the Emergency Medicine Residents’ Association Critical Care Committee. The one-year appointment began April 15, 2021.

- **Taylor Miller, MD**, Resident, Department of Emergency Medicine, was invited to be the first Assistant Chair of the Emergency Medicine Residents’ Association Critical Care Committee. The one-year appointment began April 15, 2021.

- **Alexis Salerno, MD, Assistant Professor, Department of Emergency Medicine**, successfully obtained official approval from the Emergency Ultrasound Fellowship Accreditation Council for the department’s new ultrasound fellowship on April 8, 2021. Dr. Salerno will serve as the Advanced Emergency Medicine Ultrasonography Fellowship Director.

- **Wendy Lane, MD, MPH**, Clinical Associate Professor, Department of Epidemiology & Public Health, has been appointed Director of the Maryland CHAMP program (Child Abuse Medical Professionals), an MDH sponsored program that provides training and peer review to Maryland physicians and nurses who do clinical child abuse work.

- **Gregory Jasani, MD, Resident, Department of Emergency Medicine**, delivered brief remarks on HR 1195, the Workplace Violence Prevention for Health Care and Social Service Workers Act, at a Capitol Hill press conference on April 19, 2021, as an invited guest of Congressman Joe Courtney (D-CT).
Honors & Awards

Congratulations to the following who have received honors!

Jonathan Baghdadi, MD, PhD, Assistant Professor, Department of Epidemiology & Public Health, has been selected as one of the National Academy of Medicine’s (NAM) 10 professionals for the inaugural class of the NAM Scholars in Diagnostic Excellence program. He was recognized for his proposal, “Diagnostic Stewardship of Multiplex Molecular Panels to Reduce Diagnostic Error.” Funded by the Gordon and Betty Moore Foundation, this collaborative program with the Council of Medical Specialty Societies (CMSMSS) supports up to 10 scholars in a one-year, part-time experience to advance the scholars’ diagnostic skills, reduce diagnostic errors that lead to patient harm, and accelerate their career development as national leaders in this field. The scholars were chosen based on their professional qualifications and accomplishments, demonstrated leadership in the field, potential to advance diagnostic excellence, and quality, feasibility, and implementation of their project proposals.

Rana Malek, MD, Clinical Associate Professor, Department of Medicine, is the recipient of the 2021 NIH Outstanding Scholars in Neuroscience Award Program (OSNAP).

Zeljko Vujaskovic, MD, PhD, Professor, Department of Radiation Oncology, was named in May as a recipient of a Lifetime Achievement award from the Maryland Daily Record as part of its annual Healthcare Heroes recognitions. The awards will be presented at a virtual ceremony on June 24.

Rachel Witjjer, DO, Resident, Department of Emergency Medicine, was a winner of the Council of Residency Directors’ 2021 Clinical Pathologic Case Competition Semifinals on April 12, 2021. Reed Macy, MD, Resident, and Sam Yarmis, MD, Resident, both from the Department of Emergency Medicine, were runners-up.

According to the latest rankings of NIH funding, the University of Maryland School of Medicine’s Department of Anesthesiology ranked #10 amongst all U.S. Departments of Anesthesiology. Since 2016, for five years in a row, the department has been ranked #11 or higher. Being in the top 10 for two years in a row is a great accomplishment, especially in this era of constrained NIH funding. By way of comparison, only 52 Anesthesiology departments have any NIH funding. The department’s NIH funding is listed in the Blue Ridge report at $7.5M; the median funding for all U.S. Anesthesiology Departments is $2.1M.

Shock Trauma GO-TEAM members Em Drager, CRNA, and Gerald Slobogean, MD, MPH, Associate Professor, Department of Orthopaedics, have been nominated for a Maryland Institute for Emergency Medical Services Systems (MIEMSS) Star of Life Award for their role in an emergency response call in the summer of 2020 at Rocks State Park. Working with first responders, the patient—who’s leg was entrapped by rocks in the rapids—was successfully extricated and taken to a nearby hospital for care. The GO-TEAM is comprised of highly-trained members who are called upon to assist with extractions that may take more than one hour, and they serve as a specialized component of Maryland’s statewide emergency medical system. The Shock Trauma GO-TEAM is composed of an attending physician (anesthesiologist, surgeon, critical care medicine specialist) and a certified registered nurse anesthetist. The Star of Life Awards honor those who help to prevent death and disability from injury or sudden illness.

Two Program in Neuroscience students, Lace Riggs, PhD Candidate, and Olivia Uddin, MD/PhD Candidate, were selected for the prestigious NIH Outstanding Scholars in Neuroscience Award Program. The award is meant to recognize those who are conducting exceptional research and have great academic potential in their scientific PhD (or PhD equivalent) programs and early postdoctoral careers. Only 25 neuroscientists are selected for this award across the nation, which includes: (1) a certificate honoring selection as an NIH OSNAP recipient; (2) an invitation to visit the NIH either in person or virtually (if necessary) for an Award Symposium where awardees meet with NIH leadership, investigators, and research trainees to learn about the unique resources and research conducted in the Intramural Research Program (IRP); (3) the opportunity to present a poster about their own research; and (4) the opportunity to meet with Program Officers from institutes of interest to learn about funding opportunities.

In the News

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

Kenneth Butler, DO, Associate Professor, Department of Emergency Medicine, was featured in “The Physiologically Difficult Airway,” episode of the Critical Care Perspectives in Emergency Medicine podcast on April 20, 2021, discussing pearls and pitfalls in intubating patients with physiologic derangements that place them at high-risk for peri-intubation catastrophes.

Elizabeth Clayborne, MD, MA, Adjunct Assistant Professor, Department of Emergency Medicine, was interviewed for “Doctor on J&J Vaccine: ‘You Have a Much Higher Risk of Getting a Blood Clot if You Smoke’,” which was published by Yahoo Finance on April 19, 2021.

Zhe Han, PhD, Associate Professor, Division of Endocrinology Diabetes and Nutrition, Department of Medicine, and Director, Center for Precision Disease Modeling, has reported findings on a cancer drug, remdesivir, that is showing potential to lessen the toxicity of a protein from the virus that causes COVID-19. This discovery opens the door to testing more effective drugs for treating COVID-19 patients. Dr. Han’s findings were reported simultaneously on March 25, 2021 in two Cell & Bioscience articles. A press release from the University of Maryland School of Medicine resulted in 22 published articles from at least nine different countries and was reported locally on WBAL-TV.
Congratulations to our very productive faculty on their recent grants and contracts!

Thomas Blanpied, PhD, Professor, Department of Physiology, was awarded a one-year, $600,000 S10 grant from the National Institute of Health, Office of the Director, for “A Lighthspeak Microscope for an Established Core Facility.”

Linda Chang, MD, MS, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded a $5,407,500 Avant Garde Award Program for HIV/AIDS and Substance Use Disorder Research (DPI) for “MR-Guided Focused Ultrasound to Eradicate CNS Viral Reservoirs and Promote Neurogenesis in the HIV-Infected Brain.” The PA1-20-221: NIDA Avant-Garde Award Program for HIV/AIDS and DPI is part of the Director’s Pioneer Award mechanism at NIDA that supports investigators with exceptional creativity proposing high impact research projects that will open new areas of HIV/AIDS research relevant to substance use disorders (SUD) and lead to novel avenues for prevention and treatment of HIV/AIDS among people who use drugs (PWUD).

Jason Falvey, PT, DPT, PhD, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, received funding as a subcontractor on the grant titled, “Neighborhood Socioeconomic Disadvantage and Nursing Home Outcomes.” This two-year project, from December 2020-2022, in the amount of $26,796, will assess the association between neighborhood socioeconomic disadvantage and the quality of nursing homes in those neighborhoods. The primary sponsor for the project is the Patrick and Catherine Weldon Donoghue Medical Research Foundation.

Erin Hager, PhD, Associate Professor, Department of Pediatrics, is the principal investigator on “COVID-19 Policies: Impact Over Time on Child Health, Obesity, and Disparities” R01 HD103356-01 grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development, total direct and indirect costs: $3,033,138. Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, and Elizabeth Parker, PhD, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, are co-investigators.

Sara Keefer, PhD, Postdoctoral Fellow in the laboratory of Donna Caufu, PhD, Assistant Professor, both from the Department of Anatomy and Neurobiology, received a three-year, $211,650 Postdoctoral National Research Service Award from the National Institute of Drug Abuse (NIDA) for “Individual Differences in Cortical-Striatal Pathway Utilization Regulating Flexibility.” Asaf Keller, PhD, Professor, and Chair, Department of Anatomy and Neurobiology, is co-sponsor.

Wendy Lane, MD, MPH, Clinical Associate Professor, Department of Epidemiology & Public Health, received a nine-month, $11,802 contract with the Sinai Hospital of Baltimore for work on a project entitled, “The Maryland CHAMP Program.” Dr. Lane also received $7,500 in supplemental funding for her ongoing project, “If more for Healthy Babies,” which is funded through the Zanzyl and Isabelle Krieger Fund.

Jason Molitoris, MD, PhD, Assistant Professor, Department of Radiation Oncology, received $186,983 in funding for one year from Netheroma Oncology for “Early Feasibility Study to Evaluate the Initial Safety and Device Functionality of VectRx Thermal Therapy Added to Neo-Adjuvant Treatment of Pancreatic Tumors.”

Jacques Ravel, PhD, Professor, Department of Microbiology and Immunology, and Associate Director, Institute for Genome Sciences, received from the National Institute of Allergy and Infectious Diseases (NIAID) a five-year $8 million U19 grant for “Structure, Immunity and Microbiome: Human 3D Bioimemetrics Cervicovaginal Models for Sexually Transmitted Infections (SIM-STI).” The goal of this project is to develop an innovative bio-mimetic model of the lower reproductive tract to study aspects of the sexually transmitted infections, like chlamydia and gonorrhea, that are not achievable in humans or with current animal or cell models, including deciphering the mechanistic underpinning of the role of cervicovaginal microbiota in susceptibility or protection against these infections. The grant is in collaboration with Patrik Barovík, PhD, Professor, and Chair, Department of Microbial Pathogenesis, School of Dentistry, University of Maryland, Baltimore.

Muhammad Saleh, PhD, Research Associate, Department of Diagnostic Radiology and Nuclear Medicine, was awarded $346,596 for a two-year K99 grant from NIDA for “Neurometabolic Profile of Tobacco Smoking in HIV-Infected Individuals.”

Matthew Trudeau, PhD, Professor, Department of Physiology, was awarded a five-year, $3,124,436 R01 HL143870 grant from the National Heart, Lung, and Blood Institute (NHLBI). The award lasts five years and provides more than $810,000 of total support. This is the first K08 award (NHLBI). The goal of this project is to develop an innovative bio-mimetic model mimetic model of the lower reproductive tract of this project is to develop an innovative bio-

Gerald Wilson, PhD, Associate Professor, Department of Biochemistry and Molecular Biology, was awarded a three-year R21 grant from the NCI for “Suppressing Oncogenic RNA Regulators Using Engineered Zinc Finger Nucleases.”

Zhekang Ying, PhD, Assistant Professor, and Lijing Yu, PhD, Professor, both from the Department of Medicine, received a five-year, $3,124,436 grant from the National Institute of Environmental Health Sciences (NIEHS) for “Mechanism for Programming of Offspring Adiposity by Maternal PM2.5 Exposure.”

Lin Zou, MD, PhD, Assistant Professor, Department of Anesthesiology, was awarded a two-year $83,000 R35 grant from the National Institute of General Medical Sciences for “Function and Mechanisms of Extracellular MicroRNAs in Sepsis-Induced Lung Injury.”
Maureen Black, PhD
Sally Adebamowo, MBBS, MSc, ScD
Alexis Boscak, MD, MBBS, MSc, ScD

with Tracheostomy Decannulation in Patients with Severe Traumatic Brain Injury,” which was published in Brain Injury on July 2, 2020.

Vincent Conroy, PT, DScPT, Assistant Professor, Department of Emergency Medicine, was first author of “Four Square Step Test Performance in Hip Fracture Patients,” which was published in the Journal of Geriatric Physical Therapy.

Vasken Dilsizian, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the co-editor of a book, entitled Atlas of Nuclear Cardiology, 5th Edition, Springer, New York, NY, 2021. The monograph has become the standard reference source for the field since the publication of the 1st edition, nearly 20 years ago, and has been on the recommended reference list for the Certification Board of Nuclear Cardiology since its inception.

David Dreizin, MD, Associate Professor (first author); Dheeraj Gandhi, MBBS, Professor; and Robert Morales, MD, Assistant Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “CT of Skull Base Fractures: Classification Systems, Complications, and Management,” which was published in the May-June 2021 issue of Radiographics.

Thomas Ernst, Dr rer nat, University of Edinburgh; Thomas Ernst, Dr rer nat, University of Edinburgh; and Linda Chang, MD, MS, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Associations between Frontal Lobe Structure, Parent-Reported Obstructive Sleep Disordered Breathing, and Childhood Behavior in the ABCD Dataset,” which was published in the April 2021 issue of Nature Communications.

Dheeraj Gandhi, MBBS, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Evidence-Based Vascular Neuroimaging,” which was published in the May 2021 issue of Neuroimaging Clinics of North America. Separately, Dr.

Publications

Hats off to those who have been published!
Gandhi was last author of “Management of Unruptured Intracranial Aneurysms,” which was also published in the same issue.

Zhe Han, PhD, Associate Professor, Department of Medicine, was the co-author of “High-Throughput Yeast Replicative Lifespan Screen Shows That Histone Deacetylase Complex HDA Regulates Aging,” which was published in *Nature Communications* on March 31, 2021, and was co-author of “Autophagy Inhibitor Rescues Structural and Functional Defects Caused by the Loss of Mitochondrial Chaperone Hsc70-5/S-Mortalin in Drosophila,” which was published in *Autophagy* on January 6, 2021.

Rydhwana Hossain, MD, Assistant Professor; Jean Jendy, MD, Professor; and Charles White, MD, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Utilization of Coronary Artery Disease Reporting and Data System: A Survey of Cardiovascular Imaging Societies,” which was e-published in the March 2021 issue of the *Journal of Computer Assisted Tomography*.

Jason Hostetter, MD, Assistant Professor; Timothy Miller, MD, Associate Professor; and Dheeraj Gandhi, MBBS, Professor, (last author), all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Imaging for Treated Aneurysms (Including Clipping, Coiling, Stents, Flow Diverters),” which was published in the May 2021 issue of *Neuroimaging Clinics of North America.*

Miroslaw Janowski, MD, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Mesenchymal Stem Cells for Neurological Disorders,” which was published in the February 2021 issue of *Advanced Science* (Weinheim, Baden-Wurttemberg, Germany).

Young Kwock, MD, Professor, Department of Radiation Oncology, was among the authors of “Salvage Stereotactic Body Radiotherapy (SBRT) for Intraprostatic Relapse after Prostate Cancer Radiotherapy: An ESTRO ACROP Delphi Consensus,” which was e-published in *Cancer Treatment Reviews* on April 20, 2021.

Joshua Lewis, PhD, Associate Professor, Department of Medicine, was among co-senior authors of “Genome Sequencing Unveils a New Regulatory Landscape of Platelet Reactivity,” which was published in *Nature Communications* on April 13, 2021.

Natallia Makarava, Research Associate (first author); Olga Mychko, Lab Technician; Jennifer Chen-Yu Chang, Research Assistant; Kara Molesworth, Laboratory Specialist; and Ilia Baskakov, PhD, Professor (senior author), all from the Department of Anatomy and Neurobiology and The Center for Biomedical Engineering and Technology, were the authors of “The Degree of Astrocyte Activation is Predictive of the Incubation Time to Prion Disease,” which was published in *Acta Neuro-pathologica Communications* on May 12, 2021.

Amal Mattu, MD, Professor, Department of Emergency Medicine, was among the authors of “The Relationship of Large City Out-of-Hospital Cardiac Arrests and the Prevalence of COVID-19,” which was published in *EClinicalMedicine* on April 7, 2021.

Mark Mishra, MD, Associate Professor, Department of Radiation Oncology, was among the authors of “Mapping Expanded Prostate Cancer Index Composite to EQ5D Utilities to Inform Economic Evaluations in Prostate Cancer: Secondary Analysis of NRG/RTOG 0415,” which was published in *PLoS One* on April 1, 2021.

Pranshu Mohindra, MD, Associate Professor, Department of Radiation Oncology, was among the authors of “Selection of Mediastinal Lymphoma Patients for Proton Therapy within the Proton Collaborative Group Registry: Concordance with the ILROG Guidelines,” which was e-published in the *American Journal of Clinical Oncology* on April 13, 2021.

Dipanjan Pan, MSc, PhD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Ultrafast Nanometric Imaging of Energy Flow within and between Single Carbon Dots,” which was published in the March 2021 issue of *Proceedings of the National Academy of Sciences of the United States of America.*

Thomas Ptak, MD, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Development of a Computed Tomography Perfusion Protocol to Support Large Animal Resuscitation Research,” which was e-published in the *Journal of Trauma and Acute Care Surgery* on March 23, 2021.

Riccardo Serra, MD, Resident, Department of Neurosurgery, was the first author of “Disulfiram and Copper Combination Therapy Targets NPL4, Cancer Stem Cells and Extends Survival in a Medulloblastoma Model,” which was published in *PLoS One* on May 7, 2021.

Kinjal Sethuraman, MD, MPH, Assistant Professor, Department of Emergency Medicine, was second author of “Association between Level of Care and Colonization with Resistant Gram-Negative Bacteria among Nursing-Home Residents,” which was published in *Infection Control and Hospital Epidemiology* on March 22, 2021.

Osman Siddiqui, MD, Resident, Department of Radiation Oncology, was among the authors of “A Rare Cause of Esophagopha-goeal Fistula Due to Intensity-Modulated Proton Therapy: A Case Report and Review of Literature,” which was e-published in the *Clinical Journal of Gastroenterology* on April 27, 2021.

J. Marc Simard, MD, PhD, Professor; Volodymyr Gerzanich, PhD, Associate Professor; and Seong Woo, PhD, Assistant Professor, all from Department of Neurosurgery, and Min Kwon, PhD, Research Associate, Department of Surgery, were co-authors of “Abcc8 (Sulfonylurea Receptor-1) Impact on Brain Atrophy after TBI Varies by Sex,” which was published in the *Journal of Neurotrauma* on May 3, 2021.
Mark Smith, PhD, Associate Professor; Wengen Chen, MD, PhD, Professor; and Vasken Dilisian, MD, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Metabolic Scar Assessment with 18F-FDG -PET: Correlation to Ischemic VT Substrate and Successful Ablation Sites,” which was e-published in the April 2021 issue of the Journal of Nuclear Medicine.

Sarah Sommerkamp, MD, Assistant Professor, and Zachary Dezman, MD, MS, MS, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Comparison of 4 Tests’ Utility for Predicting Need for Emergency Department Care in Patients with Alcohol-Related Complaints,” which was published in the American Journal of Emergency Medicine on January 29, 2021.

Jesse Stokum, MD, PhD, Resident, (corresponding author); Gregory Cannarsa, MD, Resident; Aaron Wessell, MD, Resident; Phelan Shea, MD, Resident; Nicole Wenger, MD, Resident; and Marc Simard, MD, PhD, Professor, all from the Department of Neurosurgery, were the authors of “When the Blood Hits Your Brain: The Neurotoxicity of Extravasated Blood,” which was published in the International Journal of Molecular Sciences on May 12, 2021.

Pamela Strissel, PhD, Associate Professor, Department of Radiation Oncology, was among the authors of “Endogenous Retroviral-K Envelope is a Novel Tumor Antigen and Prognostic Indicator of Renal Cell Carcinoma,” which was published in Frontiers in Oncology on April 22, 2021.

Stephen Thom, MD, PhD, Professor, Department of Emergency Medicine, was:

- among the authors of “The Role of Hyperbaric Oxygen Treatment for COVID-19: A Review,” which was published in Advances in Experimental Medicine and Biology on July 22, 2020;
- second author of “Effects of Adjunctive Therapeutic Hypothermia Combined with Hyperbaric Oxygen Therapy in Acute Severe Carbon Monoxide Poisoning,” which was published in the August 2020 issue of Critical Care Medicine.

R. Gentry Wilkerson, MD, Associate Professor, and Maite A. Huis in’t Veld, MD, Adjunct Assistant Professor, both from the Department of Emergency Medicine, were among the authors of:

- “European Society of Cardiology 0-hour/1-hour High-Sensitivity Troponin Algorithm Performance in a United States Cohort” and “One and Done? Performance of a Single, Low High-sensitivity Troponin in a Multisite United States Cohort,” both of which were published in the July 2020 issue of Academic Emergency Medicine.
- “Evaluation of European Society of Cardiology (ESC) 0/1-hour Algorithm in the Diagnosis of 90-day Major Adverse Cardiovascular Events: A Multicenter United States Cohort Study,” which was published in the European Heart Journal on November 25, 2020.
- George Willis, MD, Assistant Professor, Department of Emergency Medicine, was among the authors of “Evaluation and Management of the Critically Ill Adult with Diabetic Ketoacidosis,” which was published in the Journal of Emergency Medicine on August 4, 2020.
- Mike Winters, MD, Professor, Department of Emergency Medicine, was among the:
  - discussants in the twice-monthly podcast, Critical Care Perspectives in Emergency Medicine, episodes.
  - Jiachen Zhuo, PhD, Assistant Professor; Li Jiang, PhD, Research Associate; Chandler Sours Rhodes, PhD, Adjunct Assistant; Steven Roys, MS, Research Associate; Rao Gullapalli, PhD, MBA, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Early Stage Longitudinal Subcortical Volumetric Changes following Mild Traumatic Brain Injury,” which was published May 10, 2021.

We welcome our new faculty!

Montasir Elahi, MD, D.Eng, joined the Department of Obstetrics, Gynecology and Reproductive Sciences in the Division of Research on March 29, 2021, as a Research Associate. Dr. Elahi received his D.Eng in Biotechnology from Tokyo University of Agriculture and Technology, Tokyo, Japan in 2004. He received his postdoctoral training at Juntendo University School of Medicine, Tokyo, Japan from April 2014 to March 2016. Subsequently, he was promoted to Project Assistant Professor in the same university. He has extensive experience in the link between diabetes and Alzheimer’s disease. Dr. Elahi will conduct research in early neural development impacted by maternal diabetes and will establish a new line of research in the effect of insulin resistance/diabetes on the ontogeny and progression of Alzheimer’s disease.

Kathleen Kane, PsyD, joined the Department of Psychiatry and holds a secondary appointment within the Department of Pediatrics, effective April 26, 2021. Dr. Kane received her Doctor of Psychology at the American School of Professional Psychology at Argosy University in Arlington, VA, in 2010. She did a predoctoral Internship in Pediatric Psychology at Mt. Washington Pediatric Hospital (MWP) in Baltimore from 2009 to 2010. She followed this with a postdoctoral fellowship in Pediatric Psychology at MWP from 2010 to 2011.
Lei Ren, PhD, joined the Department of Radiation Oncology on March 15, 2021, as a Professor and Director of Medical Physics Research in the Division of Medical Physics. He was previously at Duke University, where he was a Professor and Director of Physics Research in the Radiation Oncology Department. Dr. Ren received his undergraduate degree from the Academic Talent Program in Tsinghua University (Beijing, China). He completed his PhD in medical physics from Duke University. His research focuses are development and applications of artificial intelligence for image-guided radiation therapy, including image reconstruction, processing, registration, synthesis, 4D imaging, as well as radionics and clinical decision making. His research has been funded by multiple NIH ROI and industry grants. He also provides frequent reviews at NIH study sections.

Elizabeth Tunkle, BSN, MSN, joined the Department of Obstetrics, Gynecology and Reproductive Sciences in the Division of Midwifery on May 10, 2021, as an Instructor. Ms. Tunkle earned her Bachelor of Science degree in Nursing from Johns Hopkins University School of Nursing in 2012. She received her Master of Science degree in Nurse Midwifery/Women’s Health Nurse Practitioner from Georgetown University in 2017. She is experienced in providing primary and specialty health care for women, including educating women on birth options and partnering with them in planning their child’s birth. Ms. Tunkle is also experienced as an Emergency Room Nurse and has developed skills to quickly assess patient needs and learned to work collaboratively with doctors and staff to provide exceptional patient care skills. Her responsibilities will include providing care in our ambulatory centers and the Obstetrical Care Unit (L&D).

Jinghao Zhou, PhD, joined the Department of Radiation Oncology on May 3, 2021, as an Associate Professor and will be working at the department’s Shore Health location. He was previously at the Rutgers–Robert Wood Johnson Medical School, where he was an Associate Professor in the Radiation Oncology Department. From 2013 to 2018, he worked at Maryland’s Upper Chesapeake community practice site. Dr. Zhou received his undergraduate degree in biomedical engineering from Tsinghua University (Beijing, China) and completed his PhD in biomedical engineering at Rutgers. His research interests focus on development of applications in image-guided radiation therapy, biomedical image analysis and modeling, computer vision, and machine learning.

WHAT’S THE BUZZ?

Many thanks to the following who serve as your liaison for the information you see in...