**Presentations, Events, Lectures & Workshops**

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

- Sam Galvagno, DO, PhD, Professor, Department of Anesthesiology and Program in Trauma, was elected one of the first 10 inaugural fellows of the Aerospace Medicine Physician Association (AMPA). Fellowship is awarded based on extraordinary contributions to the association and the specialty of air and critical care transport medicine.

- Roy Film, PT, MPT, DPT, OCS, FAAOMPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, gave a talk at Westmont University on November 4, 2020. His talk was entitled “The Functional Roles of the Legs and Arms in Recovering Balance and Protecting the Body from Injury.”

- Vasken Dilizian, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation at the 7th Annual Role of Cardiac Imaging in Female Patients Virtual Meeting entitled “Value of Cardiac PET in Infective Endocarditis,” held at the Deborah Heart and Lung Center & Cardiovascular Institute of Philadelphia on December 7, 2020.

- Michael Grasso, MD, PhD, Assistant Professor, Department of Emergency Medicine, chaired the monthly meeting of the American Medical Informatics Association’s Clinical Decision Support Working Group on the topic, “Enabling Digital Consultations with Recommender Algorithms” on December 8, 2020.

- Isabel Jackson, PhD, Associate Professor, Department of Radiation Oncology, presented at the annual meeting of the Radiation Research Society, which was held virtually on October 21, 2020. Her talk was entitled “Animal Models in Radiation Research: Limitations and Pitfalls.”

- Marcel Lanza, PhD, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, recently gave a talk at the Brazilian symposium, XV ENCIPEF/2020, entitled “Biomechanical, Muscle Physiology and Neuromuscular Factors Related to Falls in Older Adults.”

- Chunyang Zhang, MD, Postdoctoral Fellow, and Meizhen Huang, PhD, Postdoctoral Fellow, both from the Department of Physical Therapy and Rehabilitation Science, co-presented at the joint European Stroke Organization–World Stroke Organization conference, which was held virtually, November 7–9, 2020. Their poster was entitled “Intensive Sensorimotor Rehabilitation of Acute Stroke Survivors with Severe Hemiplegia Using a Wearable Ankle Robot.”

- Richard Zhao, PhD, Professor and Division Head of Molecular Pathology, Department of Pathology, was invited to present a seminar at Virginia Commonwealth University on February 26, 2020. His presentation was entitled “From Fission Yeast to Mammalian Cells: An Integrated Approach to Study Human Viruses.”

**Honors & Awards**

*Congratulations to the following who have received honors!*

- Sam Galvagno, DO, PhD, Professor, Department of Anesthesiology and Program in Trauma, was elected one of the first 10 inaugural fellows of the Aerospace Medicine Physician Association (AMPA). Fellowship is awarded based on extraordinary contributions to the association and the specialty of air and critical care transport medicine.

- Erin Hager, PhD, Associate Professor, Department of Pediatrics and Department of Epidemiology & Public Health, was awarded the “Distinguished Advocate for Healthful Living” from SHAPE Maryland on November 14, 2020. SHAPE Maryland helps health and physical education educators promote wellness in K-12 schools.
Congratulations to our very productive faculty on their recent grants and contracts!

**Grants & Contracts**

- **Niel Constantine, PhD, Professor of Pathology, Institute of Human Virology, has been awarded $319,933 for one year from Family Health International 360 (FHI 360) for the USAID Global Health Supply Chain Quality Assurance Program. This award supports the continuation of Dr. Constantine’s work to evaluate HIV, hepatitis, syphilis, and other rapid test kits sent from international locations and manufacturers to determine if their performance characteristics meet manufacturers’ claims. Technical Assistance activities are provided also.**

- **Anthony Harris, MD, MPH, Professor, Department of Epidemiology & Public Health, received a four-year $1,193,601 Veterans Administration Merit award for his work entitled “Targeted Contact Precaution to Prevent MRSA Transmission.”**

- **Surbhi Leekha, MBBS, MPH, Associate Professor, Department of Epidemiology & Public Health, received a one-year $3,253,155 Maryland Department of Health contract for her work entitled “Epidemiology and Laboratory Capacity for Infectious Disease Cooperative (ELC) for Covid-Related Activities.” This is a flow through award to the Maryland Department of Health from the Center for Disease Control.**

- **Jacek Mameczkar, PhD, Assistant Professor, Department of Epidemiology & Public Health, received a two-year $424,875 National Institutes of Health (NIH) R21 exploratory grant for his work entitled “Effect of Prenatal Exposure to Acetaminophen During Critical Period of Brain Growth Spurt on Exploratory and Cognitive Behavior: Guinea Pig Model.”**

- **Dean Mann, MD, Professor, Department of Pathology, was awarded a five-year $8,061,386 contract from the National Institutes of Health/National Cancer Institute (NCI/NIH) for “Collection and Evaluation of Human Tissues and Cells from Donors with an Epidemiologic Profile.”**

- **Lyndsay O’Hara, PhD, MPH, Assistant Professor, Department of Epidemiology & Public Health, received a one-year $123,181 PDI Healthcare contract for her work entitled “Effectiveness of a Continuously Active Disinfection Wipe on Environmental Bioburden in the Intensive Care Unit: A Blinded, Randomized Controlled Study.”**

- **Hem Shukla PhD, (PI), Assistant Professor, Department of Radiation Oncology, received a one-year $140,204 grant from the William and Ella Owens Medical Research Foundation for “Targeted Hyperthermia Through Focused Ultrasound to Enhance Immunotherapy and Radiotherapy Effects in Treating Pancreatic Carcinoma.”**

- **Peixin Yang, PhD, Professor, Department of Obstetrics, Gynecology & Reproductive Sciences, was awarded a four-year, $2.41 million R01 grant entitled “Cellular Stress-Induced Gene Dysregulation in Heart Defects Formation of Diabetic Pregnancy.” Separately, Dr. Yang, E. Albert Reece, MD, PhD, MBA, Professor; and Wei-Bin Shen, PhD, Assistant Professor; all from the Department of Obstetrics, Gynecology & Reproductive Sciences, were awarded a five-year, $2,934,475 R01 grant entitled “Epitranscriptomic Alteration and Planar Cell Polarity Signaling in Diabetic Embryopathy.”**

- **Mukta Srivastava, MD, FACC, was accepted into the Women as One CLIMB program, which is an online training course for women interventionalists that is proctored by leaders in the field. Goals are to provide specialized training in four specific areas or tracks and to advance careers through networking and opportunities to engage in collaborative projects. (Dr. Srivastava’s selected track is hemodynamic shock and support.)**

- **Kathleen To, MD, FACS, FCCM, Assistant Professor of Surgery, Program in Trauma, and Chief for the Section of Surgical Critical Care at the Baltimore VAMC, is completing her three-year term as Chair of the Surgery Section Patient Safety Committee for the Society of Critical Care Medicine (SCCM). She has recently received acceptance as a Fellow of the Academy of Critical Care Medicine. At the December 7, 2020 business meeting, it was announced that Dr. To will be moving up in leadership as the next Secretary-Treasurer for the Surgery Section of the Society of Critical Care Medicine.**
In the News

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

• "Dr. Marcozzi on the Pandemic Taking a Personal Toll" on the Baltimore Sun website on November 5, 2020.
• "Gov. Hogan Urges Marylanders to ‘Wear the Damn Mask’ as State’s Coronavirus Cases Spike” in the Washington Informer on November 5, 2020.
• “Governor Wants More Enforcements of COVID, Warns against Travel, Parties” in the Star Democrat on November 5, 2020.
• “Hogan Urges Marylanders to Remain Vigilant as COVID Cases Rise” on MarylandReporter.com on November 5, 2020.
• “Hogan: Maryland Enters Red Zone for Coronavirus Case Rates; Avoid Travel” on WBAL TV 11 on November 5, 2020.
• “Impacts of the Pandemic Haven’t Just Affected Us Physically, They’ve Terrorized Our Mental Health” on WMAR ABC 2 Baltimore on November 5, 2020.
• “Maryland Governor Warns of Major Surge in Coronavirus Cases” on the Associated Press Wire Service on November 5, 2020.
• “MD Coronavirus ‘Warning Lights are Starting to Flash,’ Hogan Says” on Patch on November 5, 2020.
• “Positiveity Rates Climb to 4.21%’ on WBFF FOX 45 on November 5, 2020.
• " ‘Wear the Damn Masks,’ Hogan Besecheches Marylanders” on Maryland Matters on November 5, 2020.

• “Knowing the Virus’s Emotional Toll Firsthand, UMMS’ COVID-19 Incident Commander Urges Marylanders to Take Care of Themselves” in the Baltimore Sun on November 6, 2020.
• “Coronavirus Pandemic” on WJZ 13 on November 6, 2020.
• “Warning to Marylanders” on FOX 45 News on November 6, 2020.
• “Hogan Warns: ‘Wear the Damn Mask’” on WYPR 88.1FM on November 6, 2020.
• “Coronavirus Cases Soar across Region as Public Health Experts Warn against Pandemic Fatigue” on DCist on November 9, 2020.
• “The Story Behind an Emotional Warning from One of Maryland’s Top Coronavirus Advisers” in the Baltimore Sun on November 9, 2020.
• “Coronavirus: The Path Forward” on WBFF Fox 45 News at 10 on November 10, 2020.
• “COVID Fatigue and How to Fight It” on WBFF Fox 45 News on November 12, 2020.
• On morning broadcast of WBAL Newsradio on November 12, 2020.
• “In His Own Words: Why a Maryland COVID Task Force Member Broke Down at a News Conference” on WJLA ABC 7 on November 13, 2020.
• “Dr. David Marcozzi on Staying Safe around the Holidays” on the Press Pod with Julie Mason on November 18, 2020.
• “CDC Warns of 2 Risks This Thanksgiving 2020” on WBAL TV NBC 11 on November 19, 2020.

New Faculty

We welcome our new faculty!

• Carmel Bogle, MD, FAAP, joined the Department of Pediatrics and the Division of Cardiology as an Assistant Professor on August 17, 2020. Dr. Bogle obtained her Medical Degree from Medicine Howard University College of Medicine in 2013. She was a Resident in Pediatrics at Lucile Packard Children’s Hospital at Stanford/ Stanford University from 2013 to 2016. She completed a Fellowship in Pediatric Cardiology at Ann & Robert H Lurie Children’s Hospital/ Northwestern University from 2016 to 2019. She followed this with a Fellowship in Heart failure/ transplant (PM: Blume) Boston Children’s Hospital/ Harvard University from 2019 to 2020.
• Nisha Divakaruni, MD, joined the Department of Pediatrics and the General Pediatrics Division as an Assistant Professor on July 6, 2020. Dr. Divakaruni obtained her Medical Degree from University of Maryland School of Medicine in 2016. She was a Resident in Pediatrics at University of Maryland School of Medicine from 2016 to 2020.
• Mary Claire Perry, CRNP, joined the Department of Pediatrics Division of Pediatric Pulmonology/Allergy and Sleep Medicine on November 9, 2020. 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 to 2020.
• Vandana Racherla, MD, joined the Department of Pediatrics and the General Pediatrics Division as an Assistant Professor on July 6, 2020. Dr. Racherla obtained her Medical Degree from Drexel University College of Medicine, Philadelphia, PA in 2016. She did an Internship and Residency in Pediatrics at the University of Maryland School of Medicine from 2016 to 2020.
Publications

Hats off to those who have been published!

- **Michael Abraham, MD**, Adjunct Assistant Professor, Department of Emergency Medicine, was guest co-editor of the February 2021 issue of *Emergency Medicine Clinics of North America*, which focused on Neurologic Emergencies, and he co-authored the preface “Neurologic Emergencies: 2020 Update,” which was published on November 4, 2020.

- **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “High Depth African Genomes Inform Human Migration and Health,” which was published in *Nature* on October 28, 2020.

- **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, co-authored “Healthcare Utilization Following Traumatic Brain Injury in a Large National Sample,” which was published in the *Journal of Head Trauma Rehabilitation* on November 13, 2020.

- **Omer Awan, MD, MPH**, Associate Professor, Charles Reznik, MD, Professor, and Rydhana Hossain, MD, Assistant Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Adopting the Mamba Mentality in Radiology,” also published in the *Academic Radiology* on November 5, 2020.

- **Maureen Black, PhD**, Professor, Department of Pediatrics, was a co-author of “Severe Housing Insecurity During Pregnancy: Association with Adverse Birth and Infant Outcomes,” which was published in the *International Journal of Environmental Research and Public Health* on November 21, 2020.

- **James Borrelli, PhD**, Postdoctoral Fellow, Vicki Gray, MPT, PhD, Assistant Professor; and Mark Rogers, PhD, PT, Adjunct Professor; all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Chasing the Dragon: Driving the Paradigm Shift to Move Beyond Opioids.” Under the mentorship of Jennifer Albrecht, PhD, Associate Professor, Department of Epidemiology & Public Health, Film also authored “Chasing the Dragon: Driving the Paradigm Shift to Move Beyond Opioids,” which was published in the December 2020 issue of *Journal of Orthopaedic & Sports Physical Therapy*.

- **Brandon Bruns, MD**, Assistant Professor of Surgery, Program in Trauma, and Brittany Aicher, MD, Fourth Year Resident, Department of Surgery, are among the authors of “Colorectal Resection in Emergency General Surgery: An EAST Multicenter Trial,” which was published in the December 2020 issue of the *Journal of Trauma Acute Care Surgery*.

- **Linda Chang, MD, MS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was last author of “Unraveling NeuroHIV in the Presence of Substance Use Disorders,” which was published in the December 2020 issue of the *Journal of Neuroimmunology*.

- **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Xiaoai Jiedu Recipe Suppresses Hepatocellular Carcinogenesis Through the miR-200b-3p/Notch1 Axis,” which was published in the November 2020 issue of *Cancer Management and Research*.

- **Wengen Chen, MD, PhD**, Professor, and Vasken Dilsizian, MD, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were authors of “Diagnosis and Image-Guided Therapy of Cardiac Left Ventricle Assist Device Infections,” which was published in the December 2020 issue of *Seminars of Nuclear Medicine*.

- **Derik Davis, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Physical Performance Measures in Older Women with Urinary Incontinence: Pelvic Floor Disorder or Gериatric Syndrome?,” which was published in *International Urogynecology Journal* on November 17, 2020.

- **Timm-Michael Dickfeld, MD, PhD, FACC, FHRS**, Professor, Department of Medicine, and Rama Vunnam, MD, Postdoctoral Fellow, were co-authors of “Chronic Ablation Lesions on CMR: Is Black a Red Herring?,” which was published in *JACC: Cardiovascular Imaging* on November 25, 2020.

- **Roy Film, PT, MPT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was the sole author on the Viewpoint published in the December 2020 issue of the *Journal of Orthopaedic & Sports Physical Therapy* entitled: “Chasing the Dragon: Driving the Paradigm Shift to Move Beyond Opioids.”

- **Jeffrey Galvin, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Complex Obstructive Lung Disease—A Diagnostic and Management Conundrum,” which was published in the November 2020 issue of *Respiratory Medicine Case Reports*.

- **Stephen Gottlieb, MD**, authored “Ahmed T. Perfection is the Enemy of Good: Consider Everything When Prescribing Sacubitril/Valsartan,” which was published in *JACC* on September 1, 2020.

- **Vicki Gray, MPT, PhD**, Assistant Professor; James Borrelli, PhD, Postdoctoral Fellow; and Mark Rogers, PhD, PT, Adjunct Professor; all from the Department of Physical Therapy and Rehabilitation Science, are co-authors of “Biomechanical Control of Paretic Lower Limb During Imposed Weight Transfer in Individuals with a Prosthetic Hip,” which was published in *Journal of Neuroimmunology*.

- **James Borrelli, PhD**, Postdoctoral Fellow, and Roy Film, PT, MPT, DPT, OCS, FAAOMPT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, were among the co-authors of “Physical Performance Measures in Older Women with Urinary Incontinence: Pelvic Floor Disorder or Geriatric Syndrome?,” which was published in *International Urogynecology Journal* on November 17, 2020.

- **Jeffrey Galvin, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Complex Obstructive Lung Disease—A Diagnostic and Management Conundrum,” which was published in the November 2020 issue of *Respiratory Medicine Case Reports*.

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- **Vicki Gray, MPT, PhD**, Assistant Professor; James Borrelli, PhD, Postdoctoral Fellow; and Mark Rogers, PhD, PT, Adjunct Professor; all from the Department of Physical Therapy and Rehabilitation Science, are co-authors of “Biomechanical Control of Paretic Lower Limb During Imposed Weight Transfer in Individuals with a Prosthetic Hip,” which was published in *Journal of Neuroimmunology*. 
Post-Stroke,” which was published in the Journal of NeuroEngineering and Rehabilitation.

Mark Mishra, MD, Associate Professor; Rong Chen, PhD, Associate Professor; Jean Jeudy, MD, Professor; and Charles White, MD, Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Preprocedure CT Findings of Right Heart Failure as a Predictor of Mortality After Transcatheter Aortic Valve Replacement,” which was published in the November 2020 issue of AJR American Journal of Roentgenology. Separately, Dr. White was last author of “High Prevalence of a Linear Valve-like Structure on CT at the Pulmonary Artery Terminus of Patent Ductus Arteriosus in Adult Patients, Mimicking Endarteritis,” which was published in Surgical and Radiologic Anatomy on November 21, 2020.

Danya Khonjah, MBBS, Adjunct Assistant Professor, and Megan Cobb, MD, DPT, Adjunct Instructor, both from the Department of Emergency Medicine, were sole authors of “Neurologic Emergencies at the Extremes of Age,” which was published in Emergency Medicine Clinics of North America on November 17, 2020.

Dongwon Kim, PhD, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Robust Control of a System with a Pneumatic Spring,” which was published in the Journal of Franklin Institute.

Brent King, MD, MMM, Professor, Department of Emergency Medicine, was among the authors of “Is E-Learning Education Effective in Increasing the Ability of Non-Physician Medical Flight Crew Members to Accurately Interpret Point-of-Care Lung and Cardiac Ultrasound Exams?,” which was accepted for publication in Air Medical Journal in November 2020.

Marcel Lanza, PhD, Postdoctoral Fellow, Vicki Gray, MPT, PhD, Assistant Professor; and Odessa Addison, DPT, PhD, Assistant Professor; all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Intramuscular Fat Influences Neuromuscular Activation of the Gluteus Medius in Older Adults,” which was published in Frontiers in Physiology.

Amal Mattu, MD, Professor, Department of Emergency Medicine, in his role as consulting editor of the journal, was sole author of the foreword to the February 2021 issue of Emergency Medicine Clinics of North America, which focused on Neurologic Emergencies.

Robert Miller, MD, Professor, Department of Radiation Oncology, was a co-author of “The Year 2020 in Review at ASTRO’s Advances,” which was e-published in Advances in Radiation Oncology on December 3, 2020.

Mark Mishra, MD, Associate Professor, Department of Radiation Oncology, was among the authors of “Treatment Interruptions Affect Biochemical Failure Rates in Prostate Cancer Patients Treated with Proton Beam Therapy: Report from the Multi-Institutional Proton Collaborative Group Registry,” which was published in Clinical and Translational Radiation Oncology on October 22, 2020.

Robert Morales, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Improving Radiology Trainees’ Perception Using Where’s Waldo?,” which was e-published in Academic Radiology on November 7, 2020.

Sina Mossahebi, PhD, Assistant Professor; Paul Maggi, PhD, Postdoctoral Fellow; and Jeremy Polf, PhD, Associate Professor; all from the Department of Radiation Oncology, were among the authors of “Initial Validation of Proton Dose Calculations on SPR Images from DECT in Treatment Planning System,” which was published in the International Journal of Particle Therapy on November 23, 2020. Separately, Dr. Mossahebi, Amit Sawant, PhD, Associate Professor; Pranshu Mohindra, MD, Associate Professor; and Giovanni Lasio, PhD, Associate Professor; all from the Department of Radiation Oncology, were among the authors of “Validation of a CT-Based Motion Model with In-Situ Fluoroscopy for Lung Surface Deformation Estimation,” which was e-published in Physics in Medicine and Biology on November 18, 2020.

Michael Mulligan, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Incidental Long Bone Cartilage Lesions: Is Any Further Imaging Workup Needed?,” which was e-published in the November 2020 issue of Skeletal Radiology.

Jordan Parker, MD, Resident; Shalearn Yuan, MD, PhD, MA, Resident; Megan Donohue, MD, Resident; Robert Brown, MD, Resident; Mark Sutherland, MD, Assistant Professor; Hannah Goldberg, MD, Resident; and Aki Honosage, MD, Resident, Department of Emergency Medicine, were authors of “Do Adjunctive Therapies beyond Infection Control and Appropriate Fluid Resuscitation Change Outcomes in Sepsis and Septic Shock?,” which was published in the September/October 2020 issue of the American Academy of Emergency Medicine’s Common Sense.

Doug Pizac, Senior Research Analyst; Douglas Savin, PT, MPT, PhD, Assistant Professor; Vincent Conroy, PT, DScPT, Assistant Professor; and Mark Rogers, PhD, PT, Adjunct Professor; all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Neurocognitive Measures Predict Voluntary Stepping Performance in Older Adults Post-Hip Fracture,” which was published in Clinical Biomechanics.

Zaker Rana, MD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Biochemical Control and Toxicity Outcomes of SBRT vs LDR Brachytherapy in the Treatment of Low and Intermediate Risk Prostate Cancer,” which was e-published in the International Journal of Radiation Oncology, Biology, Physics on November 7, 2020. Dr. Rana was also among the authors of “Stereotactic Body Radiotherapy as Primary Treatment for Elderly and Medically Inoperable Patients with Head and Neck Cancer,” which was published in the October 2020 issue of Head & Neck.

Rebecca Rubenstein, MD, Resident; Leen Alblaihed, MBBS, MHA, Adjunct Instructor; Zachary Dezman, MD, MS, MS, Assistant Professor; and Laura Bontempo, MD, MD, Associate Professor; all from the Department of Emergency Medicine, were authors of “40-Year-Old Male with a Headache and Altered Mental Status,” which was published in Clinical Practice and Cases in Emergency Medicine on October 20, 2020.

Amit Sawant, PhD, Associate Professor, Department of Radiation Oncology, was among the authors of “AAPM Task Group 264: The Safe Clinical Implementation of MLC Tracking in Radiotherapy,” which was e-published in Medical Physics on December 1, 2020.

Thomas Scalzo, MD, the Honorable Francis X. Kelly Distinguished Professor of Trauma Surgery; William Teeter, MD, Assistant Professor, Department of
Thomas Scalea, MD

Publications

Continued

Of the authors of “Choline Plus Working Memory Training Improves Deficits in Cognitive Flexibility and Functional Connectivity in Adulthood in Rats,” which was published in *Nutrients* on November 14, 2020.

- Quincy Tran, MD, Assistant Professor (first author), and Diane Kuhn, MD, PhD, Assistant Instructor, both from the Department of Emergency Medicine, were among the authors of “Emergency Blood Pressure Variability and Spontaneous Intracranial Hemorrhage Patients’ Outcomes,” which was accepted for publication in *Western Journal of Emergency Medicine* in July 2020.

- Angela Trude, PhD, Postdoctoral Fellow, and Maureen Black, PhD, Professor, both from the Department of Pediatrics, were co-authors of “Bedtime Consistency and Weight Gain among Toddlers in Low-Income Families,” which was published in the *Annals of Behavioral Medicine* on November 16, 2020.

- Vassili Tysytsev, PhD, General Associate, and Reha Erzurumlu, PhD, Professor, both from the Department of Anatomy and Neurobiology, were among the co-authors of “In Vivo Voltage-Sensitive Dye Imaging of Mouse Cortical Activity with Mesoscopic Optical Tomography,” which was e-published in *Neurophotonics* on December 2, 2020. Dr. Tysytsev was co-lead author and Dr. Erzurumlu was the second to last author.

- Sastry Vedam, PhD, Associate Professor, Department of Radiation Oncology, was among the authors of “Automated Contouring System for Cervical Cancer Using Convolutional Neural Networks,” which was published in the November 2020 issue of *Medical Physics*.

- Ze Wang, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was last author of “Accelerating GluCEST Imaging Using Deep Learning for B0 correction,” which was published in the October 2020 issue of *Magnetic Resonance in Medicine*. In addition, Dr. Wang, along with Lei Zhang, PhD, Research Associate, Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Demoting Arterial Spin Labeling Perfusion MRI with Deep Machine Learning,” which was published in the May 2020 issue of *Magnetic Resonance Imaging*.

- Michael Winters, MD, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, Critical Care Perspectives in *Emergency Medicine*, episode “2020 AHA Guidelines for Cardiopulmonary Resuscitation,” published November 23, 2020.

- Jade Wong-Yu-Cheong, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “ACR Appropriateness Criteria® Indeterminate Renal Mass,” which was published in the November 2020 issue of the *Journal of the American College of Radiology*.

- Richard Zhao, PhD, Professor, Department of Pathology, authored “HIV-1 Vpr-induced Proinflammatory Response and Apoptosis are Mediated Through the Sral1-Trpm4 Channel in Astrocytes” which was published in *mBio* on December 8, 2020. Ge Li, a former Research Specialist and Jian Tao Zhang, PhD, Research Associate from the Zhao Lab were co-authors. This research was in collaboration with Volodymyr Gerzanich, MD, PhD, Associate Professor, and Marc Simard, MD, PhD, the Dr. Bizhan Aarabi Professor in Neurotrauma, (co-corresponding author), Chinese Academy of Sciences, Beijing, China.
Research Communications Network

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