



# What's the Buzz?

JANUARY 2022 VOL.24 NO.1

SELF-REPORTED NEWS from the SCHOOL OF MEDICINE COMMUNITY

## Grants & Contracts

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



Christopher Welsh, MD

► **Christopher Welsh, MD**, Associate Professor, Department of Psychiatry, along with **Sarah Kattakuzhy, MD**, Associate Professor, Department of Medicine, were recently awarded the Substance Abuse and Mental Health Services Administration (SAMHSA) grant, "Addiction Workforce Expansion through Buprenorphine Waiver Training and Longitudinal Interdisciplinary Education in Opioid Use Disorder." The grant totals \$150,000 for three years and will expand Opioid Use Disorder education among health professional trainees at UMB.



Sarah Kattakuzhy, MD

## In the News

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



Brian Barr, MD

► **Brian Barr, MD**, Assistant Professor; **Diljon Chahal, MD**, Assistant Professor; **Timm Michael Dickfeld, MD, PhD, FACC, FHRS**, Professor; **Stacy Fisher, MD**, Associate Professor; **Anuj Gupta, MD, FACC, FSCAI**, Associate Professor; **Gautam Ramani, MD**, Associate Professor; **Jeffrey Rottman, MD**, Professor; **Vincent See, Jr., MD**, Associate Professor; and **Mark Vesely, MD**, Associate Professor, all from the Department of Medicine, were listed in *Baltimore Magazine's* Top Doctors 2021.

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

- *Yahoo Finance's* "Doctor on Covid-19: 'This Is a Virus That Is Really Here to Stay'" on October 20, 2021
- *CBS News's* "FDA Authorizes J&J and Moderna Booster Shots ahead of CDC Panel Meeting" on October 20, 2021
- *CNN* with Fredricka Whitfield's "Coronavirus Pandemic: US Surgeon General Warns of a Possible Winter Covid Surge" on November 14, 2021
- *Yahoo Finance's* "Doctor: US Needs to Prepare for 'a Potential Perfect Storm' between Omicron Variant and Winter" on December 2, 2021
- *BNC*, the Black News Channel's "Omicron Cases Reported in the US" on December 2, 2021

► **Sharon Hoover, PhD**, Professor, Department of Psychiatry, was interviewed on October 18, 2021, by *National Geographic* for the article, "How to Confront COVID-19's



Elizabeth Clayborne, MD, MA



Sharon Hoover, PhD

Toll on Kids' Mental Health." The article discusses the uptick in mental health cases and adolescent suicide, among other increasing mental health concerns brought on by the pandemic. Dr. Hoover highlights the importance of emotional and social learning and development, which she encourages be incorporated into schools and learning curriculum.



Benjamin Lawner, DO, MS, EMT-P

► **Benjamin Lawner, DO, MS, EMT-P**, Associate Professor, Department of Emergency Medicine, was a featured guest speaker on the "Ben Lawner on PARCA" episode of the *Hot Topics in EMS* podcast, published on December 7, 2021.

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, was featured in "Earlier Epinephrine in Cardiac Arrest Tied to Better Outcomes," which was published on *Medscape* on November 14, 2021.

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, was interviewed on *Fox 45* in a segment on Daylight Savings Time on November 6, 2021.

► **MACS for MOMS** (Maryland Addiction Consultation Service for Maternal Opioid Misuse), of the **Department of Psychiatry**, was featured in the October 12, 2021 edition of *The Baltimore Sun* in the article, "New Call-in Line in Maryland Helps Doctors Treat

Pregnant Women with Addictions." The article highlights the importance of education in treating patients with addictions to opioids, including pregnant women. MACS for MOMS is staffed with addiction specialists to help provide that education to obstetricians, primary care doctors, and others with consultations, referrals, trainings, and more.



Amal Mattu, MD



Emerson Wickwire, PhD



# Presentations, Events, Lectures & Workshops

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

► **Jason Adler, MD**, Clinical Assistant Professor, Department of Emergency Medicine, delivered the following lectures:

- “The Write Stuff: Documentation Pearls That Will Help You Stay at the Bedside, and Away from the EMR” to the Virginia Tech EM residency on October 14, 2021
- “It’s All in a Name—ED PA/NP Conundrums: Myth & Reality” at the Michigan College of Emergency Physicians’ (MCEP’s) Straight Talk 30 meeting in Troy, MI, on November 16, 2021
- “Medication-Assisted Treatment for MAT—Save a Life and Support Your Practice” at the MCEP Straight Talk 30 meeting on November 16, 2021
- “A Trip through MIPS—Reporting Made Easy” at the MCEP Straight Talk 30 meeting on November 16, 2021



Jason Adler, MD

► **Afrah Ali, MBBS**, Assistant Professor, Department of Emergency Medicine, presented “Simulation-Based Assessment of Trainee’s Performance in Post-Cardiac Arrest Resuscitation” at the American Heart Association Resuscitation Science Symposium held November 12-14, 2021 in Boston, MA.



Joana Carneiro  
Da Silva, PhD

► **Joana Carneiro da Silva, PhD**, Professor, Department of Microbiology and Immunology and Institute for Genome Sciences, was a keynote speaker at the 9th Annual Vaccine Development Center of San Antonio Conference, held in November 2021. The topic of her talk was “Genomic Studies of Vaccine Design and Efficacy.”

► **Kay Connors, MSW, LCSW-C**, Instructor; **Sylvia McCree-Huntley, EdD**, Director of Professional Development and Continuing Education; **Kelly Coble, LCSW-C**,

Instructor; and **Sarah Edwards, DO**, Assistant Professor; along with the Maryland Addiction Consultation Service (MACS) and the Division of Child and Adolescent Psychiatry, all from the Department of Psychiatry, gathered together on September 13-14, 2021 to spearhead a virtual two-day conference. The free event, “Clinical Guidance for Treatment of Pregnant and Parenting Women with Opioid Use Disorders and Their Infants,” was designed to help medical professionals improve the identification and treatment of expectant and new moms with opioid use disorder. More than 550 primary care physicians, gynecologists and obstetricians, addiction specialists, nurses, and counselors joined the series of modules and panel discussion.



Kay Connors, MSW, LCSW-C

► **Vincent Conroy, PT, DScPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, on December 1, 2021, presented a talk to Sinai Hospital’s PM&R residents entitled “Anatomical Review of the Lower Extremity and Lumbosacral Plexus: Clinical Implications?” Anatomical structures associated with clinical diagnoses involving the lower extremity and the lumbosacral plexus were discussed. Residents also reviewed and performed ultrasound-guided injection techniques on cadaveric specimens.



Vincent Conroy, PT,  
DScPT

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, presented “Neglected Children: Challenges and Controversies” at the Minnesota SafeChild Conference on July 12, 2021; “Neglected Children” at the XXVIII Congreso de Prevencion y Atencion del Maltrato Infantil del lado de las Ninas in Bogota, Colombia, on July 14, 2021; “Preventing Child Abuse and Neglect” at the AAP NCE Annual



Howard Dubowitz, MB, ChB,  
MS, FAAP

Meeting on October 10; and “Promoting Children’s Health, Wellbeing, Development and Safety: Looking Back, the Road Ahead” at Uppsala University, Sweden on December 8, 2021.



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

► **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, recently taught a course for the Chesapeake Area Consortium for Higher Education entitled “Combating the Opioid Crisis: Physical Therapy for Chronic Postsurgical Pain.”

► **Robert Gallo, MD**, the Homer and Martha Gudelsky Distinguished Professor of Medicine and Co-Founder & Director, Institute Of Human Virology (IHV), presented “Lessons and Ideas from the Two Recent Pandemics—HIV/AIDS and SARS-CoV-2/COVID-19—and How We Can and Must Do Better” on December 14, 2021. The talk was sponsored by the Centre for Global Development and University College Cork (Ireland) Research Staff Association.



Robert Gallo, MD



Michael Grasso, MD, PhD,  
FACP

► **Michael Grasso, MD, PhD**, Assistant Professor, Department of Emergency Medicine, presented “Physician Prescribing Changes Impacted by Patient-Initiated Online Health Searches” at the IEEE-EMBS International Conference on Biomedical and Health Informatics 2021, held online December 9, 2021.

► **Jack Guralnik, MD, PhD, MPH**, Professor, Department of Epidemiology & Public Health, was a speaker at the UMSOM Center for Research on Aging: Focus on Aging Research Seminar held on November 18, 2021.



Jack Guralnik, MD, PhD,  
MPH

► **Kevin Jones, MPH, MD**, Assistant Professor; **Emily Esposito, DO**, Assistant Professor; **William Teeter, MD**, Assistant Professor; **Quincy Tran, MD, PhD**, Associate Professor; and **Daniel Haase, MD**, Assistant Professor, all from the Department of Emergency Medicine and Program in Trauma, along with **Taylor Miller, MD**, Resident; **Ashley Menne, MD**, Assistant Professor; **Jeffrey Rea, MD**, Assistant Professor; and **Kimberly Boswell, MD**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “We Can’t Take Them All: Triage of Pulmonary Embolism Transfer Requests to a Regional PERT Center,” accepted November 5, 2021, by the Society of Critical Care Medicine for its 51st Critical Care Congress, to be held February 6–9, 2022, in San Juan, Puerto Rico.

► **Susan Joseph, MD**, Assistant Professor, Department of Medicine, has been named Program Chair for an upcoming new CRF, CME Scientific meeting/conference on Technology and Heart Failure Therapeutics, to be held February 1-2, 2022, in New York, NY and online.

► **Mark Kvarta, MD, PhD**, Assistant Professor, Department of Psychiatry, was a panelist at the Maryland STEM Festival held in November, a month-long celebration that highlighted the impact of science in the state. He co-paneled the session on Mental Health Research, co-sponsored by the National Alliance for Mental Illness (NAMI) Maryland, to an audience of students at all levels. Dr. Kvarta spoke about his research on the neurobiology of depression, what drew him to pursue a mental health and research career, and barriers and challenges to mental health alliances and research.

► **Taylor Miller, MD**, Resident; and **Kimberly Boswell, MD**, Assistant Professor; both from the Department of Emergency Medicine, along with **Daniel Haase, MD**, Assistant Professor; **William Teeter, MD**, Assistant Professor; and **Quincy Tran, MD, PhD**, Associate Professor, all from the Department of Emergency



Kimberly Boswell, MD



# Presentations, Events, Lectures & Workshops Continued

Medicine and Program in Trauma, were among the authors of “Predictors for Immediate Bed Assignments from the Critical Care Resuscitation Unit,” accepted November 5, 2021, by the Society of Critical Care Medicine for its 51st Critical Care Congress, to be held February 6–9, 2022, in San Juan, Puerto Rico. Separately, Dr. Miller, and **Zoe Glick, MD**, Resident, also from the Department of Emergency Medicine, along with Drs. Haase, Teeter, and Tran, were among the authors of “Association between Resuscitation in the Critical Care Resuscitation Unit and In-hospital Mortality,” accepted November 5, 2021, by the Society of Critical Care Medicine for its 51st Critical Care Congress, to be held February 6–9, 2022, in San Juan, Puerto Rico.



Pranshu Mohindra, MD, MBBS

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, presented “Toxicity and Survival Outcomes from Intensity-Modulated Proton Therapy-Based Re-Irradiation in Patients with Non-Small Cell Lung Cancer” on December 4, 2021 at the Multidisciplinary Thoracic Cancers Symposium in Scottsdale, AZ. Co-authors from the Department of Radiation Oncology included **Melissa Liriano Vyfhuis, MD, PhD**, Assistant Professor, and **Jason Molitoris, MD, PhD**, Assistant Professor.

► **Nicholas Morris, MD**, Assistant Professor, Department of Neurology, organized a session at the Annual Neurocritical Care Society meeting held October 26-29, 2021, in Chicago, IL, titled “Simulation in Neurocritical Care as Translational Science.” At the same event, Dr. Morris, presented “Simulation Solutions to Neurocritical Care Delivery Deficiencies.”

► **Roger Stone, MD, MS, FACEP, FAAEM**, Clinical Assistant Professor, Department of Emergency Medicine, was involved as follows, at the National Association of EMS Physicians Annual Meeting, held January 13–15, 2022:

- among the authors of two posters accepted for moderated sessions: “Comparison of COVID-19 Test Positivity Rates in Prehospital Termination of Resuscitation Patients and the Community at Large” and “An Evaluation of Time Intervals to Complete Two Time Critical Tasks in Prehospital Cardiac Arrest Resuscitation during the COVID-19 Pandemic”
- invited to co-present two lectures: “EMS System Surveillance and Dispatch: Using Data Retrieval Tools and Selected Variables to Adjust Response Resources to Common Dispatch Determinants” and “‘A Working Code Is a Working Fire’: A Universal Role of the Volunteer Fire Service to Enhance the Success of High-Performance CPT in Limited Resource Situations”

► **Quincy Tran, MD, PhD**, Associate Professor, Department of



Roger Stone, MD, MS, FACEP, FAAEM

Emergency Medicine, delivered the following lectures at the Vietnam National Heart Association Scientific Congress, held in Ho Chi Minh City on November 6, 2021:

- “Biomarkers for Diagnosis of Acute Coronary Syndrome: Should We Use Different Biomarkers than High-Sensitivity Troponin?”
- “Transport and Prehospital Treatments of Patients with Cardiac Emergencies: Safety and Effectiveness”

► **Michael Ukoha, PT, DPT**, PTRS '17, and **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, taught a course for the Annual Fall Conference of the American Physical Therapy Association of DC and Maryland held on November 13, 2021, entitled “Starting the Conversation: Blind Spots and Implicit Bias in Physical Therapy Practice.” This course was designed to meet the new state requirement for license renewal of all licensed health professionals and has been approved by the Maryland Office for Minority Affairs.

► The **Department of Psychiatry** and Division of Addiction Research and Treatment hosted its “Annual Tuerk Conference on Mental Health and Addiction Treatment: A Progressive Approach to Recovery” on September 23, 2021. **Robert White, LCPC**, Director of External Affairs and Business Development, Department of Psychiatry, served as Chair of the planning committee. **Wanda Binns, LCSW-C**, EAP Manager; **Amy Johnson, AA**; **Sylvia Mc-Cree Huntley, EdD**, Director of Professional Development and Continuing Education; and **Christopher Welsh, MD**, Associate Professor, all from the Department of Psychiatry, also served on the planning committee. The collaborative event was co-hosted with the National Council on Alcoholism and Drug Dependence, and covered topics including the impact of COVID on the Maryland treatment system and communities of color, use of telemedicine, and more.



Jill Bohnenkamp, PhD

► The **School of Mental Health** on October 14-15, 2021, hosted its 2021 annual conference, “School Mental Health: Moving Forward Together,” designed to bring together stakeholders in the field and share the latest research, best practice, and innovation. Speakers included **Jill Bohnenkamp, PhD**, Assistant Professor, Department of Psychiatry, and attendees included more than 1,500 international and national key figures and providers.

► **Black Mental Wellness, Corp.**, on November 6, 2021, hosted a virtual conference with more than 200 attendees. **Dana Cunningham, PhD**, Adjunct Assistant Professor, Department of Psychiatry, is a co-founder of the organization, and the theme of the 2nd annual conference was: “Overcoming: The State of Black Healing.” Conference sessions focused on a variety of topics, including child mental health, veterans, the Black LGBTQ+ community, suicide, and much more.



Dana Cunningham, PhD

## Honors & Awards

*Congratulations to the following who have received honors!*



Jason Adler, MD

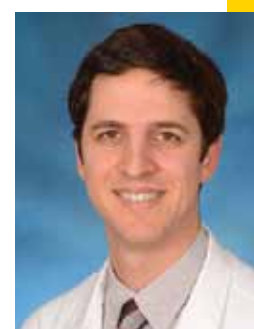
► **Jason Adler, MD**, Clinical Assistant Professor, Department of Emergency Medicine, received a Rising Star Award from the Emergency Department Practice Management Association at its 2021 Solutions Summit, held in Fort Worth, TX, on September 26–29, 2021.

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the recipient of the 2021 Radiological Society of North America (RSNA) Honored Educator Award in recognition of his dedication to furthering the profession of radiology by delivering high-quality educational content for the RSNA. Established in 2011,

the RSNA Honored Educator Award recognizes RSNA members who have produced an array of RSNA educational resources in the past calendar year.

► **Xiaoming Du, PhD**, Assistant Professor, Department of Psychiatry, was awarded the Brain and Behavior Research Foundation 2021 Young Investigators Award for his work, “Dorsomedial Prefrontal versus Temporoparietal Target for Refractory Auditory Hallucination,” in innovative brain research.

► **Daniel Gingold, MD, MPH**, Assistant Professor, Department of Emergency Medicine, received a faculty mentor recognition award on November 16, 2021, as part



Daniel Gingold, MD, MPH



# Honors & Awards

Continued

of the School of Medicine’s 44th Annual Medical Student Research Day.



Kimberly Gordon-Achebe, MD

► **Kimberly Gordon-Achebe, MD**, Assistant Professor, Department of Psychiatry, was selected as the recipient of the 2022 Jeanne Spurlock, MD, Minority Fellowship Achievement Award that is presented by the American Psychiatric Association (APA) and APA Foundation. The award was established in 1999 and recognizes the achievements of former Fellows of the Minority Fellowships who are making contributions to the medical—and minority—community. The award will be presented to Dr. Gordon-Achebe at the Annual APA meeting, to be held in New Orleans in May 2022.

► **Deanna Kelly, PharmD, BCPP**, Professor, Department of Psychiatry, was chosen as one of eight inaugural MPower Professors, a prestigious award from the University of Maryland Strategic Partnership: MPowering the State. The award recognizes exceptional leaders from 11 schools and colleges, and Dr. Kelly’s work highlights significant and impactful interdisciplinary collaboration that fosters innovative research and scholarship between institutions.



Deanna Kelly, PharmD, BCPP

► **Constance Lacap, DO**, Assistant Professor, Department of Psychiatry, was awarded the 2021 University of Maryland, Baltimore Founders Week Educator of the Year as part of the Renaissance Curriculum Team. The Educator of the Year is awarded to individuals who advance the School of Medicine’s academic mission and the Renaissance Curriculum team worked through a monumental task—all while during the pandemic.



Constance Lacap, DO

► **Nicholas Morris, MD**, Assistant Professor, Department of Neurology, received the Neurocritical Care Society Mentorship during the Annual Neurocritical Care Society Meeting, held October 26-29, 2021, in Chicago, IL.



Nicholas Morris, MD

► **Melissa Pergakis, MD**, Assistant Professor, Department of Neurology, received a Distinguished Poster Award for “Assessment of Trainees’ Performance during a Simulation of Viral Encephalitis Complicated by Status Epilepticus.” The poster was presented during the Annual Neurocritical Care Society meeting, held October 26-29, 2021, in Chicago, IL.

► **Jamie Podell, MD**, Assistant Professor, Department of Neurology, received a Distinguished Poster Award for “Acute Traumatic Brain Injury Magnetic Resonance Imaging Lesions Associated with Paroxysmal Sympathetic Hyperactivity Diagnostic Likelihood.” The poster was presented during the Annual Neurocritical Care Society Meeting, held October 26-29, 2021, in Chicago, IL.



Jamie Podell, MD

► **Joseph Richardson, PhD, MA**, Professor, Department of Epidemiology & Public Health, was named as one of the eight inaugural MPower Professors, an honor that encourages research collaboration between UM campuses. His research focuses on gun violence, violence and trauma among African-American boys and young men, incarceration as a social determinant of health, and parenting for low-income African-American male youth. He utilizes the busiest trauma centers in Maryland as his research labs to investigate gun violence, trauma and the effectiveness of hospital-based violence intervention programs.



Four residents from the **Department of Diagnostic Radiology and Nuclear Medicine** won the Radiological Society of North America (RSNA) Residency Case-Based Competition at RSNA’s annual meeting held November 28-December 2, 2021, in Chicago, IL. **Cynthia Czawlytko, MD, PGY 5, Clarissa Lin, MD, PGY 5, Hana Haver, MD, PGY 4, and Lakir Patel, MD, PGY5** (left to right in the photo), competed against other residency programs throughout the country on imaging cases from all subspecialties and won the first-place trophy

► The Eastern Shore Mobile Care Collaborative (ESMCC) of the Division of Addiction Research and Treatment, **Department of Psychiatry**, has been recognized by Salisbury University’s National Nursing Honor Society, Sigma Theta Tau International Lambda Eta Chapter. On November 17, 2021 the Chapter hosted its annual Substance Use Disorder Conference and honored the ESMCC for the team’s ongoing work.

## Appointments

*We applaud our colleagues on their recent appointments!*



Scott Jerome, DO, FACC, FASNC, FSCCT

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Director, Ambulatory Services and Outreach Cardiology Co-Director, Sports Cardiology, Department of Medicine, was elected and accepted the role of Vice Chair of the Certification Board of Cardiovascular Computed Tomography (CBCCT) Examination.

► **Helen Powell, PhD, BSc**, has been appointed full-time faculty in the Department of Epidemiology & Public Health. Dr. Powell is a statistician who joined the faculty of the University of Maryland School of Medicine, Center for Vaccine Development, in 2017. She is currently the lead statistician for the Vaccine Impact on Diarrhea in Africa (VIDA) study, a prospective case-control study that takes place in three sites in sub-Saharan Africa and aims to understand the etiology of moderate-to-severe diarrhea in children less than five years of age.

► **Marco Venniro, PhD**, Assistant Professor, Department of Anatomy and Neurobiology was elected to Associate Member status,



Marco Venniro, PhD

effective January 1, 2022, in the American College of Neuropsychopharmacology (ACNP) by the Council of The ACNP at their annual meeting in December 2021.

► The following Department of Physical Therapy and Rehabilitation Science faculty members have been elected or will continue in office serving the American Physical Therapy Association of Maryland: Vice President—**Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor; Director for Practice—**Michael Zarro, PT, DPT, SCS, CSCS**, Assistant Professor; Chief Delegate—**Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor; Alternate Delegate—**Cara Felter, PT, DPT, NCS, PCS**, Assistant Professor; and Nominating Committee—**Rachel Skolky, PT, MSPT, DPT, GCS**, Assistant Professor and **Vincent Conroy, PT, DScPT**, Assistant Professor.



Linda Horn, PT, DScPT, MHS, GCS, NCS



# Publications

*Hats off to those who have been published!*

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “Are We Adequately Preparing Trainees to Be Expert Consultants? An Attending’s Perspective,” which was published in the November-December 2021 issue of *Radiographics*. Separately, Dr. Awan was the author of “The Flipped Classroom: How to Do it in Radiology Education,” which was published in the December 2021 issue of *Academic Radiology*, and “How to Become a Great Teacher?” which was published in the November 2021 issue of *Academic Radiology*.



Annabelle Belcher, PhD

► **Annabelle Belcher, PhD**, Assistant Professor; **Kelly Coble, LCSW-C**, Instructor; **Thomas Cole, MA**; **Christopher Welsh, MD**, Associate Professor; **Anna Whitney, BA**; and **Eric Weintraub, MD**, Professor, all from the Department of Psychiatry, were co-authors of “Buprenorphine Induction in a Rural Maryland Detention Center during COVID-19: Implementation and Preliminary Outcomes of a Novel Telemedicine Treatment Program for Incarcerated Individuals with Opioid Use Disorder,” recently published in *Frontiers in Psychiatry*.

► **Jochen Cammin, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Development and Implementation of an Open Source Template Interpretation Class Library for Automated Treatment Planning,” which was published in *Practical Radiation Oncology* on November 25, 2021.

► **Jessica Carpenter, MD**, Associate Professor, Department of Pediatrics, was the first author of “Low Rates of Cerebral Infarction after Hematopoietic Stem Cell Transplantation in Patients with Sickle Cell Disease at High Risk for Stroke,” which was published in *Transplantation and Cellular Therapy* on December 22, 2021.



Jessica Carpenter, MD

► **Chixiang Chen, PhD**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “Improving Main Analysis by Borrowing Information from Auxiliary Data,” which was published in *Statistics in Medicine*.



Chixiang Chen, PhD

► **Shuo Chen, PhD**, Associate Professor, Department of Epidemiology & Public Health, co-authored “Comparing Empirical Kinship Derived Heritability for Imaging Genetics Traits in the UK Biobank and Human Connectome Project,” which was published in *NeuroImage*. Dr. Chen also co-authored “Association of Acute Psychosocial Stress with Oxidative Stress: Evidence from Serum Analysis,” which was published in *Redox Biology*, and “Relations among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth,” which was published in *Schizophrenia Bulletin*.



Shuo Chen, PhD

► **Luana Colloca, MD, PhD**, Associate Professor, School of Nursing; **Sarah Murthi, MD**, Associate Professor, Department of Surgery; and **Nicholas Morris, MD**, Assistant Professor, Department of Neurology, were co-authors of “Protocol for a Randomized Within-Subjects Clinical Trial for Adjunctive Virtual Reality Pain Relief following Traumatic Injury,” which was published in *BMJ Open*.



Luana Colloca, MD, PhD

► **Lynda Coughlan, PhD**, Assistant Professor, Department of Microbiology and Immunology, was among the



Lynda Coughlan, PhD

co-authors of three separate publications on the topic of vaccines and therapeutics against SARS-CoV-2, which were published in *Nature Communications* on October 20 and 27, and in *Science Advances* on December 3, 2021.

► **Anna Dellomo**, Doctoral Student; **Rachel Abbotts, MB, ChB, PhD**; and **Feyruz Rassool, PhD**, Professor, all from the Department of Radiation Oncology, were among the authors of “PARP1 PARylates and Stabilizes STAT5 in FLT3-ITD Acute Myeloid Leukemia and Other STAT5-Activated Cancers,” which was published in *Translational Oncology* on November 19, 2021.



Feyruz Rassool, PhD

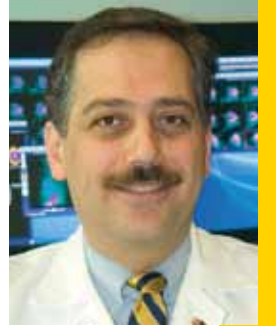


Zachary Dezman, MD, MS, MS

► **Zachary Dezman, MD, MS, MS**, Assistant Professor, and **Bradford Schwartz, MD**, Adjunct Assistant Professor, both from the Department of Emergency Medicine, were among the creators of the Emergency Department Drug Surveillance (EDDS) system, along with the University of Maryland, College Park’s Center for Substance Abuse Research, led by **Eric Wish, PhD**. The EDDS system collects data from drug screens performed on patients experiencing overdose in UMMS hospitals. Those

deidentified data were published on November 30, 2021, and are now available for researchers to examine and work with.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the lead author of “Best Practices for Imaging Cardiac Device-Related Infections and Endocarditis: A JACC: Cardiovascular Imaging Expert Panel Statement,” which was published in the *Journal of the American College of Cardiology: Cardiovascular Imaging* on December 15, 2021.



Vasken Dilsizian, MD



Seshagiri Doddi, MBBS

► **Seshagiri Doddi, MBBS**, Clinical Associate Professor, and **Danae DiRocco, MD**, Assistant Professor, both from the Department of Psychiatry, were co-authors of “A Case Study of Prazosin-Induced Hypothermia,” which was published in the *American Journal of Psychiatry and Neuroscience*.

► **Kathleen Dondero, MS**, PhD Student; **Robert Rowland, PT, DPT**, Assistant Professor; **Derrick Larkins, DPT**, PhD Student; and **Odessa Addison, DPT, PhD**, Associate Professor, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Peripheral Vascular and Neuromuscular Responses to Ultramarathon Running,” which was published in the *Journal of Science in Sport and Exercise* on November 11, 2021.



Robert Rowland, PT, DPT



Howard Dubowitz, MB, ChB, MS, FAAP

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, was last author of “Adolescent Neglect and Health Risk,” which was published in *Child Maltreatment* on October 19, 2021.

► **Matthew Ferris, MD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “ASO Visual Abstract: Impact of Metastasectomy and Aggressive Local Therapy in Newly Diagnosed Metastatic Soft Tissue Sarcoma: An Analysis of the NCDB,” which was published in the December 2021 issue of the *Annals of Surgical Oncology*.



Matthew Ferris, MD





Jack Gladstein, MD

► **Jack Gladstein, MD**, Professor, Department of Pediatrics, edited “Pediatric Headache.” This text was designed to target primary care practitioners, families, and headache specialists. It provides the latest treatments, offers practical advice for families in their interactions with school and coaches as well as provides best practices for practitioners to share with school and other practitioners.

► **Stephen Gottlieb, MD**, Professor, Department of Medicine, was among the co-authors of “Drug Layering in Heart Failure: Phenotype-Guided Initiation,” which was published in *JACC: Heart Failure* on November 9, 2021.



Stephen Gottlieb, MD



Anthony Harris, MD, MPH

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, co-authored “Efficacy and Cost-Effectiveness of Stem Cell Injections for Symptomatic Relief and strUctural Improvement in People with Tibiofemoral Knee OsteoaRthritis: Protocol for a Randomised Placebo-Controlled Trial (the SCUlpTOR trial),” which was published in *BMJ Open*; and “Comparing Video-Based, Telehealth-Delivered Exercise and Weight Loss Programs with Online Education on Outcomes of Knee Osteoarthritis: A Randomized Trial,” which was published in the *Annals of Internal Medicine*; and “Effect of Intra-Articular Platelet-Rich Plasma vs Placebo Injection on Pain and Medial Tibial Cartilage Volume in Patients with Knee Osteoarthritis: The RESTORE Randomized Clinical Trial,” which was published in *JAMA*.



Sharon Hoover, PhD

► **Sharon Hoover, PhD**, Professor, Department of Psychiatry, authored “Schools as a Vital Component of the Child and Adolescent Mental Health System,” and “Transformation of Children’s Mental Health Services: The Role of School Mental Health,” which were recently published in the Editor’s Choice Edition of *Psychiatric Services*.

► **Jason Hostetter, MD**, Assistant Professor, and **Sandrine Yazbek, MD**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were the co-authors of “Postoperative Pharynx and Larynx,” which was published in the February issue of *Neuroimaging Clinics of North America*.



Sandrine Yazbek, MD

► **Gregory Jasani, MD**, Clinical Instructor, Department of Emergency Medicine, was first author of “An Upstream Solution to the Physician Shortage—Increased Federal Funding Can Boost the Number of Residency Positions,” which was published in *MedPage Today* on November 22, 2021.



Jean Jeudy, MD

► **Jean Jeudy, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the first author of “Assessment of Coronary Inflammation in Antiretroviral Treated People Living with HIV Infection and Active HIV/HCV Co-Infection,” which was published in *AIDS* on November 8, 2021. Separately, Dr. Jeudy was among the co-authors of “MUC1 Ectodomain is a Flagellin-Targeting Decoy Receptor and Biomarker Operative during Pseudomonas Aeruginosa Lung Infection,” which was published in the November 2021 issue of *Scientific Reports*.



Xiaofeng Jia, BM, PhD

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery; **Brittany Bolduc Lachance**, Department of Neurology,

Program in Trauma; **Zhuoran Wang, MD, MS**, Postdoctoral Fellow, Department of Neurosurgery; and **Neeraj Badjatia, MD, MS**, Professor, Department of Neurology, were the authors of “The Effect of Glibenclamide on Somatosensory Evoked Potentials after Cardiac Arrest in Rats,” which was published in *Neurocritical Care* on October 1, 2021.

► **Susan Joseph, MD**, Assistant Professor, Department of Medicine, was among the co-authors of “Should COVID Vaccination Be Required in Heart Transplantation & Left Ventricular Assist Device Implantation?” which was published in *The VAD Journal* on October 8, 2021. Dr. Joseph also was among the co-authors of “The SGLT2 Inhibitor Dapagliflozin in Heart Failure with Preserved Ejection Fraction: A Multicenter Randomized Trial,” which was published in *Nature Medicine* on October 28, 2021.



James Kaper, PhD

► **James Kaper, PhD**, the James and Carolyn Frenkil Distinguished Dean’s Professor, Vice Dean for Academic Affairs, and Chair, Department of Microbiology and Immunology, and **Olga Kovbasnjuk, PhD**, Associate Professor, also from the Department of Microbiology and Immunology, co-authored “Cross-Talk between Probiotic Nissle 1917 and Human Colonic Epithelium Affects the Metabolite Composition and Demonstrates Host Anti-Bacterial Effect,” which was published in a special issue of *Metabolites* on December 5, 2021



Pratap Karki, DSci

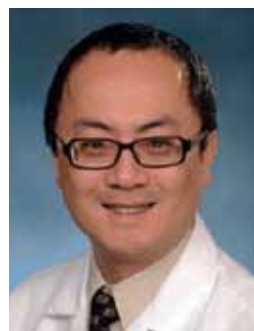
► **Pratap Karki, DSci**, Assistant Professor, and **Anna Birukova, MD**, Professor, both from the Department of Medicine, were among the co-authors of “Microtubules as Major Regulators of Endothelial Function: Implication for Lung Injury,” which was published in *Frontiers in Physiology* on October 28, 2021.

► **Kimia Khalatbari Kani, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the first author of “Meniscal Allograft Transplantation: A Pictorial Review,” which was published in the October 2021 issue of *Current Problems in Diagnostic Radiology*.

► **Gauri Khorjekar, MBBS**, Assistant Professor, and **Nikki Tirada, MD**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Breast Papillomas in the United States: Single Institution Data on Under-represented Minorities with a Multi-Institutional Update on Incidence,” which was published in the November 2021 issue of *Clinical Imaging*.



Nikki Tirada, MD



Young Kwok, MD

► **Young Kwok, MD**, Professor, Department of Radiation Oncology, was among the authors of “Variation in Proton Craniospinal Irradiation Practice Patterns in the United States: A Pediatric Proton Consortium Registry (PPCR) Study,” which was published in the *International Journal of Radiation Oncology, Biology, Physics* on November 19, 2021.

► **Shenghan Lai, MD**, Professor, Department of Epidemiology & Public Health, co-authored “HIV Indirectly Accelerates Coronary Artery Disease by Promoting the Effects of Risk Factors: Longitudinal Observational Study,” which was published in *Scientific Reports* on November 30, 2021.



Surbhi Leekha, MBBS, MPH

► **Surbhi Leekha, MBBS, MPH**, Associate Professor, and **Kc Coffey, MD, MPH**, Assistant Professor, both from the Department



of Epidemiology & Public Health, co-authored “Optimal Urine Culture Diagnostic Stewardship Practice—Results from an Expert Modified-Delphi Procedure,” which was published in *Clinical Infectious Diseases*.



Andrea Meredith, PhD

► **Andrea Meredith, PhD**, Professor, Department of Physiology, and collaborator Sotirios Keros, MD, PhD, Department of Pediatrics, Weill Cornell Medical Center, along with national and international collaborators, were co-authors of “Lisdexamfetamine Therapy in Paroxysmal Non-Kinesigenic Dyskinesia Associated with the KCNMA1-N999S Variant,” which was published in *Movement Disorders Clinical Practice*.

► **Taylor Miller, MD**, Resident, and **Daniel Haase, MD**, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Abstract 12141: Echocardiographic Characteristics

and Outcomes between African American and Caucasians in Acute Pulmonary Embolism,” which was published in *Circulation* on November 8, 2021.

► **Nicholas Morris, MD**, Assistant Professor, Department of Neurology; **Patrick McArdle, PhD**, Associate Professor, Department of Medicine; and **Neeraj Badjatia, MD, MS**, Professor, Department of Neurology; and the CARES Surveillance Group, were co-authors of “Women Receive Less Targeted Temperature Management than Men Following Out-of-hospital Cardiac Arrest Due to Early Care Limitations,” which was published in *Resuscitation*. The three also were co-authors of “Hispanic/Latino Patients Lack Access to Hospitals with Targeted Temperature Management Programs Following Out-of-hospital Cardiac Arrest,” which was published in the *Journal of the American Heart Association*.



Neeraj Badjatia, MD, MS

► **Neeraja Murali, DO**, Assistant Professor, Department of Emergency Medicine, was first author of “Abdominal Pain Mimics,” which was published in *Emergency Medicine Clinics of North America* on September 10, 2021.



Elizabeth Nichols, MD

► **Elizabeth Nichols, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Intensity Modulated Proton Therapy Treatment Planning for Postmastectomy Patients with Metallic Port Tissue Expanders,” which was published in *Advances in Radiation Oncology* on October 4, 2021.

► **Rebecca Nowak, PhD**, Assistant Professor, and **Soren Bentzen, PhD, DMSc**, Professor, both from the Department of Epidemiology & Public Health, were co-authors of

“Evaluating the Jaccard Similarity Index as a Persistence Measure of Multiple Anal Human Papillomavirus among Nigerian Men Who Have Sex with Men,” which was published in *Sexually Transmitted Diseases*.



Rebecca Nowak, PhD

► **Erin O'Connor, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “A Multi-Scanner Neuroimaging Data Harmonization Using RAVEL and ComBat,” which was published in the November 2021 issue of *NeuroImage*.



Erin O'Connor, MD

► **Melissa Pergakis, MD**, Assistant Professor, Department of Neurology; **Wendy Chang, MD**, Associate Professor, Department of Emergency Medicine; **Ali Tabatabai, MD**, Associate Professor, Department of Medicine; **Michael Phipps, MD, MHS**, Associate Professor, Department of Neurology; **Jamie Podell,**



Ali Tabatabai, MD

**MD**, Assistant Professor, Department of Neurology; **Gunjan Parikh, MD**, Assistant Professor, Department of Neurology; **Neeraj Badjatia, MD, MS**, Professor, Department of Neurology; **Melissa Motta, MD, MPH**, Associate Professor, Department of Neurology; and **Nicholas Morris, MD**, Assistant Professor, Department of Neurology, were co-authors of “Simulation-Based Assessment of Trainees’ Performance Managing Acute Ischemic Stroke,” which was published in *Neurology*.



Alisa Pravdo, PT, DPT, FAAOMPT

► **Alisa Pravdo, PT, DPT, OCS, FAAOMPT**, Assistant Professor; **Kelly Rock, PT, DPT**, PhD Student; **Peter Bowman, PT, DPT, FAAOMPT**, Assistant Professor; and **Victoria Marchese, PT, PhD**, the Jane Kroh Satterfield Professor of Physical Therapy and Rehabilitation Science, and Chair, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of the “Patellofemoral Pain Syndrome: Characteristics and Outcomes of Physical Therapy Episodes of Care,” which was published in the *Annals of Physiotherapy & Occupational Therapy* journal on November 10, 2021.



Prashant Raghavan, MBBS

► **Prashant Raghavan, MBBS**, Associate Professor, and **Robert Morales, MD**, Assistant Professor, both from Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of: “Imaging of the Post Treatment Head and Neck;” “Imaging of Complications of Chemoradiation;” and “Surgical Free Flaps and Grafts in Head and Neck Reconstruction: Principles and Postoperative Imaging.” All were published in the February 2022 issue of *Neuroimaging Clinics of North America*. Dr. Raghavan was the first author of all three articles.



Muhammad Saleh, PhD

► **Muhammad Saleh, PhD**, Research Associate, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “The Macromolecular MR Spectrum Does Not Change with Healthy Aging,” which was published in the November 2021 issue of *Magnetic Resonance in Medicine*.

► **Santanu Samanta, MD**, Resident; **Binny Bhandary**, Lab Research Specialist; **Minjie Chen, PhD**, Postdoctoral Student; **Tijana Dukic**, Research Assistant; **Zeljko Vujaskovic, MD, PhD**, Professor; and **Hem Shukla, PhD**, Assistant Professor, all from the Department of Radiation Oncology, were among the authors of “Role of Caveolin-1 as a Biomarker for Radiation Resistance and Tumor Aggression in Lung Cancer,” which was published in *PLoS One* on November 11, 2021.



Zeljko Vujaskovic, MD, PhD

► **Bradford Schwartz, MD**, Adjunct Assistant Professor, and **Zachary Dezman, MD, MS, MS**, Assistant Professor, both from the Department of Emergency Medicine, were the first two authors of “Emergency Department Drug Surveillance (EDDS) Hospital’s Urinalysis Results Compared with Expanded Re-Testing by an Independent Laboratory, a Pilot Study,” which was published in *Drug and Alcohol Dependence* on November 26, 2021.



Eliot Siegel, MD

► **Eliot Siegel, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Taming the Complexity: Using Artificial Intelligence in a Cross-Disciplinary Innovative Platform to Redefine Molecular Imaging and Radiopharmaceutical Therapy;” “Artificial



Zachary Dezman, MD, MS, MS



Intelligence and Positron Emission Tomography Imaging Workflow: Technologists' Perspective;" "Trustworthy Artificial Intelligence in Medical Imaging;" and "Artificial Intelligence in Medical Imaging and its Impact on the Rare Disease Community: Threats, Challenges and Opportunities," all of which were published in the January 2022 issue of *PET Clinics*.

► **Elana Smith, MD**, Assistant Professor, **Lakir Patel, MD**, PGY 5, and **David Dreizin, MD**, Associate Professor, all from Department of Diagnostic Radiology and Nuclear Medicine, were the co-authors of "Postoperative Computed Tomography for Facial Fractures," which was published in the February 2022 issue of *Neuroimaging Clinics of North America*. Separately, Dr. Smith was the first author of "Training Radiology Residents, Bloom Style," which was published in the November 2021 issue of *Academic Radiology*.

► **Roger Stone, MD, MS, FACEP, FAAEM**, Clinical Assistant Professor, Department of Emergency Medicine, was among the authors of:

- "Decreases in Out of Hospital Cardiac Arrest (OHCA) Outcome Metrics Persist When Known COVID Patients Are Excluded from Analysis," which was published in the *American Journal of Emergency Medicine* on October 19, 2021
- "A Statewide EMS Viral Syndrome Pandemic Triage Protocol: 24 Hour Outcomes," which was published in *Prehospital Emergency Care* on November 3, 2021
- "Comparison of COVID-19 Test Positivity Rates in Prehospital Termination of Resuscitation Patients and the Community at Large" and "An Evaluation of Time Intervals to Complete Two Time Critical Tasks in Prehospital Cardiac Arrest Resuscitation during the COVID-19 Pandemic," both published in the January 2022 supplemental issue of *Prehospital Emergency Care*



David Dreizin, MD



Roger Stone, MD, MS, FACEP, FAAEM



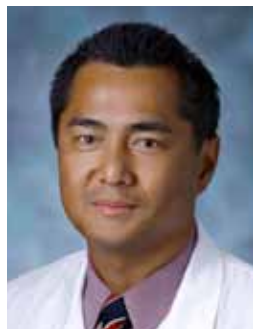
Sripriya Sundararajan, MD

► **Sripriya Sundararajan, MD**, Associate Professor, Department of Pediatrics, authored "Ideal Blood Inoculant Volume for Neonatal Sepsis Evaluation: An Alternative Approach," which was selected by the Editors in Chief for highlight in the Editor's Focus for the November 2021 print issue, published in *Pediatric Research* on August 27, 2021.

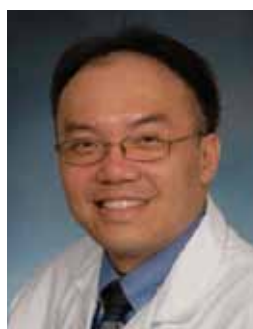
► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was among the authors of "BCG Invokes Superior STING-Mediated Innate Immune Response Over Radiotherapy in a Carcinogen Murine Model of Urothelial Cancer," which was published in the *Journal of Pathology* on November 3, 2021. Separately, Dr. Tran was among the authors of "Tissue- and Blood-Derived Genomic Biomarkers for Metastatic Hormone-Sensitive Prostate Cancer: A Systematic Review," which was published in *European Urology Oncology* on November 17, 2021.

► **Quincy Tran, MD, PhD**, Associate Professor, Department of Emergency Medicine, was:

- sole author of the "Management of Undifferentiated Critically Ill COVID-19 Patients" chapter of *Critical Care of COVID-19 in the Emergency Department*, which was published by Springer on November 18, 2021
- second author of "Efficacy of Topical



Phuoc Tran, MD, PhD



Quincy Tran, MD, PhD

Tranexamic Acid in Epistaxis: A Systematic Review and Meta-Analysis," which was published in the *American Journal of Emergency Medicine* on November 1, 2021

- second author of "Attitudes among Healthcare Professionals towards Cardiopulmonary Resuscitation during COVID-19," which was published in the *American Journal of Emergency Medicine* on November 15, 2021
- among the authors of "387 Outcome Predictors of Interhospital Transferred Patients to Emergency General Surgery Service: Does Transfer Location Matter?" which was published in the October 2021 issue of *Annals of Emergency Medicine*.

► **Quincy Tran, MD, PhD**, Associate Professor, and **Daniel Gingold, MD, MPH**, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of "163 Study Design Influences Effect Size: Systematic Review and Meta-Analysis of Mobile Integrated Health Community Paramedicine Programs' Effect on Emergency Department Visits," which was published in the October 2021 issue of *Annals of Emergency Medicine*, and "341 All Over the Road: A Systematic Review of Mobile Integrated Health, Community Paramedicine Programs," which was published in the October 2021 issue of *Annals of Emergency Medicine*. Separately, Dr. Tran, and **Daniel Haase, MD**, Assistant Professor, Department of Emergency Medicine, were among the authors of "280 Arterial Line versus Noninvasive Blood Pressure Monitoring in Hypertensive Emergencies," which was published in the October 2021 issue of *Annals of Emergency Medicine*.



Daniel Gingold, MD, MPH



Piotr Walczak, MD, PhD

► **Piotr Walczak, MD, PhD**, Professor, and **Mirosław Janowski, MD, PhD**, Associate Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of "Myelin-Independent Therapeutic Potential of Canine Glial-Restricted Progenitors Transplanted in Mouse Model of Dysmyelinating Disease," which was published in the November 2021 issue of *Cells*.

► **Elisabeth Vicente, DTRS**, Biomarker Program Manager; **Megan Lesniewski**, Lab Research Lead Specialist; **Diana Newman**, DTRS Program Director; **Zeljko Vujaskovic, MD, PhD**, Professor; and **Isabel Jackson, PhD**, Associate Professor, all from the Department of Radiation Oncology, were the authors of "Best Practices for Authentication of Cell Lines to Ensure Data Reproducibility and Integrity," which was published in *Radiation Research* on December 3, 2021.



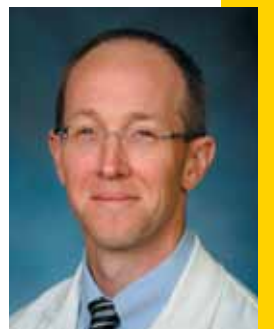
Isabel Jackson, PhD



Emerson Wickwire, PhD

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, was lead author of "Diagnosed or Prescribed Only? A National Analysis of Initial Evaluation and Management of Insomnia among Older Adult Medicare Beneficiaries," which was accepted for publication in *Sleep Advances* on October 18, 2021.

► **Mike Winters, MD**, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, *Critical Care Perspectives in Emergency Medicine*, episode "MIS-C in COVID-19," which was published on December 2, 2021.



Mike Winters, MD

► **Matthew Witek, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of "Imaging of Complications of Chemoradiation,"



Matthew Witek, MD



Publications

Continued

which appeared in the February issue of *Neuroimaging Clinics of North America*. Additionally, Dr. Witek was among the authors of “Defining High-Risk Elective Contralateral Neck Radiation Volumes for Oropharynx Cancer,” which was epublished in *Head & Neck* on November 11, 2021.



Owen Woodward, PhD

► **Owen Woodward, PhD**, Associate Professor, and **Victoria Halperin Kuhns, PhD**, Postdoctoral Fellow, both from the Department of Physiology, were among the co-authors of “Epigenome-Wide Association Study of Serum Urate Reveals Insights into Urate Co-regulation and the SLC2A9 Locus,” which was published in *Nature Communications* on December 9, 2021. They also were the authors of “Urate Transport in Health and Disease,” which was published in *Best Practice and Research Clinical Rheumatology* on October 21, 2021.

► **Michael Zarro, PT, DPT**, Assistant Professor; **Matthew Stitzlein, BS**, SPT '22; **Jason Lee, BS**, SPT '22; **Robert Rowland, PT, DPT**, Assistant Professor; and **Vicki Gray, MPT, PhD**, Assistant Professor, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Single-Leg Vertical Hop Test Detects Greater Limb Asymmetries Than Horizontal Hop Tests After Anterior Cruciate Ligament Reconstruction in NCAA Division 1 Collegiate Athletes,” which was published in the *International Journal of Sports Physical Therapy (IJSPT)* on December 1, 2021.



Michael Zarro, PT, DPT

► **Lei Zhang, PhD**, Research Associate; **Defeng Xie, PhD**, Postdoctoral Fellow; **Yiran Li**, PhD Candidate; **Aldo Camargo, PhD**, Postdoctoral Fellow; **Jean Jeudy, MD**, Professor; **David Dreizin, MD**, Associate Professor; **Elias Melhem, MD, PhD**, Professor and Dean John M. Dennis Chair of Radiology; and **Ze Wang, PhD**, Associate Professor, all from Department of Diagnostic Radiology and Nuclear Medicine, were among



Elias Melhem, MD, PhD

the co-authors of “Improving Sensitivity of Arterial Spin Labeling Perfusion MRI in Alzheimer’s Disease Using Transfer Learning of Deep Learning-Based ASL Denoising,” which was epublished in the November 2021 issue of the *Journal of Magnetic Resonance Imaging*.



Jiachen Zhuo, PhD

► **Jiachen Zhuo, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Generative Self-training for Cross-Domain Unsupervised Tagged-to-Cine MRI Synthesis,” which was epublished in *Medical Image Computing and Computer-Assisted Intervention* on September 21, 2021.

► *The Journal of the American Medical Association* recently published “Mobile Telemedicine for Buprenorphine Treatment in Rural Populations with Opioid Use Disorder.” Authors include: **Eric Weintraub, MD**, Professor; **Chaminidi Seneviratne, MD**, Assistant Professor; **Jessica Anane, MPH**, Program Coordinator; **Kelly Coble, LCSW-C**, Instructor; **Aaron Greenblatt, MD**, Associate Professor; **Christopher Welsh, MD**, Associate Professor; and **Annabelle Belcher, PhD**, Assistant Professor, all from the Department of Psychiatry. The quality improvement study explores the treatment of opioid use disorder among patients via telemedicine and in a mobile treatment unit. The article is a collaboration with our Division of Addiction Research and Treatment; as well as with the Department of Psychology at University of Maryland, College Park; Division of Critical Care and Research, Institute of Human Virology, Division of Infectious Disease, UMSOM, Baltimore; and the Caroline County Health Department in Denton, Maryland.



Eric Weintraub, MD

► Faculty and staff from the **National Center for School Mental Health (NCSMH)** of the Department of Psychiatry often publish children’s books that teach lessons about difficult situations—all while promoting diversity. **Brittany Patterson, PhD**, Assistant Professor, Department of Psychiatry, released her children’s book, *The Fight*, on September 14, 2021, which discusses bullies and tactics for handling difficult social situations.

New Faculty

*We welcome our new faculty!*

► **Sergio Dominguez Lopez, PhD**, was appointed Assistant Professor in the Department of Anatomy & Neurobiology effective October 1, 2021. Dr. Dominguez Lopez obtained his PhD in Neuroscience from McGill University in 2014. He did his postdoctoral research in the neurobiology of drug addiction at the University of Texas Health Science Center San Antonio (2014-2017) and the Oklahoma Medical Research Foundation (2017-2021) before joining the University of Maryland School of Medicine.

► **Phuoc Tran, MD, PhD**, a nationally known physician/scientist in radiation treatment and translational research, joined the University of Maryland School of Medicine on December 6, 2021 as a Professor and Vice Chair for Research in the Department of Radiation Oncology.



Phuoc Tran, MD, PhD



HOW TO SUBMIT INFORMATION TO THE **Buzz**

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

OR

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

Research Communications Network

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

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