



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

### Grants & Contracts

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

► **Scott Baliban, PhD**, Research Associate, Department of Medicine, has been awarded a five-year \$646,110 Career Development Award from the National Institutes of Health/National Institute for Allergy & Infectious Disease (NIH/NIAID) for “Systems Vaccinology Approaches to Define and Predict Immunity in Response to Nontyphoidal Salmonella Conjugate Vaccines.” This study will identify vaccine-induced molecular pathways that correlate with COPS:FluC vaccination outcomes.



Iliia Baskakov, PhD

► **Iliia Baskakov, PhD**, Professor, Department of Anatomy and Neurobiology, received a one-year \$250,000 grant from the Infectious Diseases Society of America (IDSA) Foundation for “Infectious Etiology of Late Onset Alzheimer’s Disease.”

► **Andrea Berry, MD**, Associate Professor, Department of Pediatrics, has been awarded a one-year \$1,077,650 grant from the National Institutes of Health (NIH) for “Social, Ethical, and Behavioral Factors in the Return to School among Underserved Communities in Maryland.” The role will be to provide pediatric infectious disease expertise and oversight for survey development and interpretation.



Andrea Berry, MD

► **Cheryl Brandenburg, MS**, Research Fellow, Department of Pharmacology, was awarded an Autism Research Institute (ARI) grant for her proposed work titled “Cerebellar Circuits in 3D: Screening Autism-Associated Genes in Cleared Brains within Utero CRISPR Genome Editing.”



Todd Gould, MD

► **Todd Gould, MD**, Professor, Department of Psychiatry, was awarded a one-year Foundation grant from the Baszucki Brain Research Fund for \$170,000. Dr. Gould and his team will create a novel animal model of mania, establish the validity of this model to support research into the pathophysiology of bipolar disorder, and use this model to test the mechanisms underlying the effects of lithium on dopamine neurotransmission and manic-like behaviors.

► **Isabel Jackson, PhD**, Associate Professor, Department of Radiation Oncology, received a one-



Isabel Jackson, PhD

year \$316,658 subcontract from Innovation Pathways LLC for “Evaluation of IPW-5371, a TGFbRI Kinase Inhibitor, Dosed as a Single Agent or in Combination with G-CSF, as a Medical Countermeasure against the Delayed Effects of Total Body Irradiation in Mice.”

► **Brajesh Lal, MBBS**, Professor, and **Brian Englum, MD, MHS**, Assistant Professor, both from the Department of Surgery, were awarded a \$25,000 Seed Grant by the Program in Health Equity and Population Health for their project, “COVID-19 Related Disruptions of New Cancers: Disparities in Care Utilization and Patient Outcomes.”



Brajesh Lal, MBBS



Mervyn Monteiro, PhD

► **Mervyn Monteiro, PhD**, Professor, Department of Anatomy and Neurobiology and Center for Biomedical Engineering and Technology, received a \$2,200,000 RF1 grant for the first three-year portion of a five-year \$3,654,000 competing continuation grant from the National Institute of Neurological Disorders and Stroke (NINDS) and National Institute on Aging (NIA) for “Mechanistic Studies and Therapeutics for ALS/FTD Linked to UBQLN2 Mutations.”

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, received a two-year \$981,756 Prostate Cancer Foundation Challenge award for “Radiolabeled Systemic Therapy with SABR for Castration-Sensitive Prostate Cancer Oligometastatic Disease.”



Phuoc Tran, MD, PhD



Emerson Wickwire, PhD

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, received a 24-month, \$249,487 grant from the ResMed Foundation for “Impact of Untreated Obstructive Sleep Apnea on Depression Outcomes among Older Adult Medicare Beneficiaries.”

### Appointments

*We applaud our colleagues on their recent appointments!*

► **Taylor Miller, MD**, and **Bryan McNeilly, MD**, both Residents, from the Department of Emergency Medicine, have been selected to continue in EMRA national committee leadership roles. Dr. Miller was selected as the Vice Chair for the EMRA Critical Care Committee. Dr. McNeilly was selected as Chair for the Pre-Hospital and Disaster Medicine Committee, rising from the Vice Chair position he held this past year. He will also serve as the resident rep to the ACEP EMS Committee.



Gloria Reeves, MD

► **Gloria Reeves, MD**, Associate Professor, Department of Psychiatry, was appointed to the

Innovation, Research & Education Committee of the UMMC Board of Directors to help direct innovative research and education missions. The Board will work to strengthen the partnership of UMMC and UMSOM through joint clinical and translational research initiatives, advance research programs, expand hospital research activities, and more.

► **James Waltz, PhD**, Associate Professor, Department of Psychiatry, was recently promoted to full membership of the American College of Neuropsychopharmacology (ACNP). This year, the ACNP issued full membership to 32 people in the field, including to Dr. Waltz.



James Waltz, 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!*



Bizhan Aarabi, MD

► **Bizhan Aarabi, MD**, Professor, Department of Neurosurgery, was invited to speak January 19, 2022, at AO North America on the topic of spinal cord injuries. In addition, the Section of Neurological Surgery at the University of Puerto Rico—Medical Sciences Campus, will be organizing a Trauma Grand Rounds, and has invited Dr. Aarabi to be a guest speaker. The event will take place virtually on April 22, 2022.

► **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.”



Joana Carneiro Da Silva, PhD

► **Sharon Hoover, PhD**, Professor, Department of Psychiatry, on November 8, 2021, provided a keynote presentation to the Association of State and Territorial Health Officials, entitled “Workforce and Health Equity Opportunities in School Mental Health.” She also provided a five-day training to leaders of the Bahrain Ministries of Education and Health to enhance the mental health competencies of educators. Dr. Hoover co-trained 38 master trainers from nine countries, including Bahrain, Egypt, Iran, Jordan, Morocco, Oman, Pakistan, Qatar, and Saudi Arabia.

The training was in partnership with the World Health Organization (WHO) and Eastern Mediterranean Regional Office. Beyond the first cohort of trainees, further cascade trainings have taken place in Egypt, Iran, Pakistan, and the UAE, which have resulted in the training of 1,395 master trainers. Efforts are underway for further trainings in Jordan, and a review of this work was just accepted for publication in *BJPsych Bulletin*.

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, presented a lecture to Johns Hopkins Applied Physics Laboratory on February 3, 2022. The topic of his talk was “Cardiovascular Health UpDate, a Broad Look.”

► **Stanley Liu, MD**, Assistant Professor, Department of Medicine, has been selected to attend and be part of the American College of Cardiology (ACC) 2022 Rick Nishimura, MD, MACC and Patrick T. O’Gara,



Scott Jerome, DO, FACC, FASNC, FSCCT



Stanley Liu, MD

MD, MACC Emerging Faculty Leadership Academy to be held May 1-3, 2022, in Washington, D.C.

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, was a guest speaker at the VA/MD Health Care System COVID-19 Grand Rounds where she presented on “COVID-19 Vaccines: The Evolving Policy Questions” and was an invited speaker at the Global Vaccinology Class at GWU where she talked about vaccine safety and development.



Kathleen Neuzil, MD, MPH, FIDSA



Alexandros Pouloupoulos, PhD

► **Alexandros Pouloupoulos, PhD**, Assistant Professor, Department of Pharmacology, was invited by the American College of Neuropharmacology (ACNP) to give the “Meet the Expert” talk at the 2021 ACNP Annual Meeting in San Juan, PR, titled “New Developments in CRISPR-Based Brain Technologies.”

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, presented the kickoff presentation to the American Academy of Sleep Medicine Practice Management Course on November 20, 2021. The title of his presentation was “Value-Based Sleep: What It Is and Why It Matters for Your Center.” He also presented an invited presentation at the American Academy of Sleep Medicine’s Sleep Medicine Trends course in Phoenix, AZ, on February 11, 2022. The title of his presentation was “Brief Behavioral Treatment for Insomnia: What, Why, How, Now.”



Emerson Wickwire, PhD

► The Johns Hopkins Offices of Telemedicine and Education, in collaboration with The Johns Hopkins University and the **University of Maryland**, on March 7, 2022, held an interprofessional telemedicine education symposium entitled “Telemedicine in Primary and Ambulatory Care: Preparing Our Healthcare Workforce for the Future.” The program featured a virtual program with interactive discussions, learning activities, and virtual networking aimed at medical educators, nursing educators, prescribers, nurses, staff and leaders who are working to increase efficiency, effectiveness and patient experience of telemedicine, particularly in ambulatory and primary care.

## New Faculty

*We welcome our new faculty!*

► **Vicki Robin McGowan-Branch II**, joined the Department of Pediatrics, the Division of General Pediatrics at the University of Maryland School of Medicine, as an Assistant Professor, non-tenure track, effective February 14, 2022. Dr. McGowan-Branch received her Osteopathic Doctorate in 2010 from Edward Via Virginia College of Osteopathic Medicine, VA. She was an Intramural Research Training Fellow at NIH Heart, Lung and Blood Institute from 2004 to 2006. She did a Traditional Rotating Internship at UMDNJ/Kennedy Health System from 2010 to 2011. She followed this with a Pediatric Resident at Palm West Hospital, FL from July 2011 to June 2014. She is board certified with the American Osteopathic Board of Pediatrics.

► **Stacie Peddy, MD**, joined the Department of Pediatrics, Division of Critical Care and the Children’s Heart Program at the University of Maryland School of Medicine, as an Associate Professor, non-tenure track, effective November 8, 2021. Dr. Peddy obtained her MD from University of Maryland School of Medicine (Summa Cum Laude)

in 1998. She did a Pediatric Internship Residency at The Harriet Lane Pediatric Residency Program at The Johns Hopkins School of Medicine from 1998 to 1999. She did a Pediatrics Residency at The Harriet Lane Pediatric Residency Program at The Johns Hopkins School of Medicine from 1999 to 2001. She followed this with a Fellowship in Pediatric Critical Care Medicine and Cardiology at The Children’s Center at The Johns Hopkins School of Medicine from 2001 to 2005. Dr. Peddy is board certified in General Pediatrics, Pediatric Cardiology and Pediatric Critical Care Medicine.

► **Melanie Pina, PhD**, joined the Department of Anatomy and Neurobiology as an Assistant Professor on January 3, 2022. Dr. Pina obtained a PhD in Neuroscience from Oregon Health & Science University in 2016. She then completed a postdoctoral fellowship at the Department of Pharmacology at the University of North Carolina at Chapel Hill. Dr. Pina’s research focuses on drug-induced neural plasticity and its impact on motivated behavior and neuropsychiatric disorders.

# Honors & Awards

*Congratulations to the following who have received honors!*

► **Elham Beheshtian, MD**, PGY 2, Department of Diagnostic Radiology & Nuclear Medicine, received the American Roentgen Ray Society Resident/Fellow in Radiology Award. She will be honored with the award at the ARRS meeting this May.

Dr. Beheshtian is the first author of a paper that evaluated systematic bias in a bone age AI algorithm. The award reflects the team effort of Dr. Beheshtian and her mentors **Paul Yi, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, and founder of the University of Maryland Medical Intelligent Imaging (UM2ii) Center, and **Vishwa Parekh, PhD**, the incoming Technical Director of UM2ii. Dr. Yi is the senior author.



Paul Yi, MD

Psychiatry Domestic Travel Fellowship Award. Dr. Goldwaser was recognized for his potential for scholarly growth in biological psychiatry and clinical neuroscience. The award will be issued in New Orleans, April 28-30, 2022.

► **Aaron Kaplan, MD, PhD**, Cardiovascular Disease Fellow, Department of Medicine, received the prestigious Gold VA Pin Award for demonstrating the true spirit of “caring” while working with patients, families, visitors, and staff members from the VA Maryland Health Care System.



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, was honored with the 2022 University of Maryland College Park Alumni Excellence in Research Award and has been invited to be a senior advisor to the Global Virus Network (GVN).

► **Vincent Njar, PhD**, Professor, Department of Pharmacology, was elected to the rank of National Academy of Inventors



Vincent Njar, PhD

(NAI) Fellow by the 2021 National Academy of Inventors Fellows Selection Committee and Board of Directors. The NAI Fellows Selection Committee chose him for induction as he has “demonstrated a highly prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on the quality of life, economic development, and welfare of society.” The Fellows Induction Ceremony will be held at the NAI Annual Meeting in Phoenix, Arizona to be held June 13-15, 2022.

► **Lace Riggs, PhD**, Department of Psychiatry, and a recent graduate from the lab of **Todd Gould, MD**, Professor, Department of Psychiatry, was awarded the 2022 Society for Biological Psychiatry Predoctoral Scholars Travel Fellowship Award. The award recognizes excellence in scholarly activity by junior researchers and will allow Dr. Riggs to participate in special programming and networking events.



Nadia Sam-Agudu, MD

► **Nadia Sam-Agudu, MD**, Associate Professor, Department of Pediatrics, Institute of Human Virology, was recently awarded a 2022 Dr. Thomas Hall-Dr. Nelson Sewankambo Mid-Career Leadership Award from The Consortium of Universities for Global Health. The award acknowledges outstanding individuals for accomplishments and commitment to contributing to the advancement of global health worldwide.

► **Gary Schwartzbauer, MD, PhD**, Associate Professor,



Gary Schwartzbauer, MD, PhD

Department of Neurosurgery, was appointed Honorary Faculty in the Centre for Trauma Sciences (C4TS), Blizard Institute, Barts and The London School of Medicine and Dentistry, Queen Mary University of London. C4TS is a world-leading center of excellence in translational research on immediate post-injury pathophysiology and offers post-graduate training and degrees in the management of both civilian and military trauma patients. Lectures and mentorship are provided by global leaders in trauma care. Dr Schwartzbauer is proud to have served as a mentor to nascent Traumatologists in projects ranging from systematic reviews to prospective clinical trials.

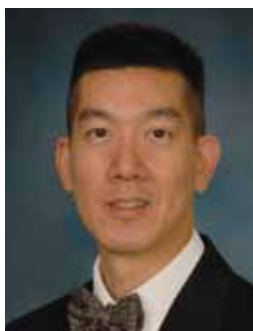


Konstantin Birukov, MD, PhD

► **Konstantin Birukov, MD, PhD**, Anesthesiology Endowed Professor of Entrepreneurial Research; along with **Marta Lipinski, PhD**, Associate Professor; and **Brian Polster, PhD**, Associate Professor, have been elected as Active Members to the Association of University Anesthesiologists (AUA)—and **Brittney Williams, MD**, Assistant Professor, as an Associated Member. All are from the Department of Anesthesiology. AUA members are nominated and selected based on excellence in teaching, administration, and research. The goal of the AUA is to develop scholars, educators, practitioners and leaders at the forefront of academic anesthesiology. The mission is to promote

the advancement of academic anesthesiology as a dynamic specialty that makes substantive contributions to medicine, science, and society.

► **Wilbur Chen, MD, MS**, Professor, Department of Medicine, was honored with the Mary Betty Stevens award for important contributions through clinical research, Maryland Chapter of the American College of Physicians.



Wilbur Chen, MD, MS

► **Nisita Dutta, MSE**, UMSOM Medical Scientist Training Program (MSTP) Student, was awarded the prestigious Gates Cambridge Scholarship in February 2022 for her PhD studies at Cambridge. Established by the Bill and Melinda Gates Foundation in 2000, the scholarship is one of the most competitive in the world. The scholarship covers the entire cost of a postgraduate degree at the University of Cambridge as well as funding for academic and professional development. Scholarship recipients

must demonstrate academic excellence, a commitment to improving the lives of others, and a capacity for leadership. For her PhD research, Nisita will be engineering novel nanobody-drug conjugates to treat pancreatic cancer in an international collaboration between the Cambridge Department of Chemistry and the National Institutes of Health.

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, received an NFID scholarship to attend the ADVAC course in May 2022.

► **Eric Goldwaser, DO, PhD**, PGY-4 Resident, Department of Psychiatry, was awarded the 2022 Society of Biological



Meagan Fitzpatrick, PhD

# In the News

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

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, appeared on *FOX45* twice, on *WJZ* once, and *WBAL* once to speak about COVID-19 and imaging.



Kathryn Hughes Barry, PhD, MPH

► **Kathryn Hughes Barry, PhD, MPH**, Assistant Professor, Department of Epidemiology & Public Health, and **Shisi He, MS**, Postdoctoral Student in molecular epidemiology, were featured on *ABC's Good Morning America*, along with several other national and local news outlets. Their study found that avoiding weight gain in adulthood may help lower the risk of developing colon cancer. The study was published in *JNCI Cancer Spectrum* on January 24, 2022.

► **Andrea Berry, MD**, Associate Professor, Department of Pediatrics, was interviewed by *WBFF* to discuss the COVID-19 Omicron variant and school safety and was spotlighted on a Maryland Public Television segment that focused on research into pediatric COVID-19 vaccines, as well as the Omicron variant and children.



Andrea Berry, MD

► **Wilbur Chen, MD, MS**, Professor, Department of Medicine, was featured on a "Take 5 with Fortunato," video blog with Ed Fortunato, Chief Economist for Constellation Energy to discuss the Omicron surge, vaccines/boosters, and outlook for 2022.



Wilbur Chen, MD, MS

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

- *CNN* on December 26, 2021, speaking about concerns of frontline doctors during the COVID-19 pandemic and the Omicron spike.
- *CNN* on January 15, 2022, commenting on the challenges of being a parent with children under five during the COVID-19 pandemic, and advocating for Hazard Pay and Student Loan forgiveness for frontline healthcare workers.



Elizabeth Clayborne, MD, MA

► **Lynda Coughlan, PhD**, Assistant Professor, Department of Microbiology and Immunology, was interviewed by *PNAS News* about research aimed at advancing the development of a universal influenza virus vaccine.



Lynda Coughlan, PhD

► **Meagan Deming, MD, PhD**, Instructor, Department of Medicine, discussed safety concerns for COVID-19 human challenge trials with *Nature*.



Meagan Deming, MD, PhD

► **Howard Eisenberg, MD**, Professor, Department of Neurosurgery, was interviewed by the Focused Ultrasound Foundation in a featured news article titled "Investigator Profile," published online January 13, 2022.



Howard Eisenberg, MD

► **Jason Falvey, PT, DPT, PhD**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science, was interviewed by *Kaiser Health News (KHN)* for an article entitled "Pandemic Fueled Shortages of Home Health Workers Patients without Necessary Care." *CNN* also picked up the article.



Jason Falvey, PT, DPT, PhD



Meagan Fitzpatrick, PhD

► **Meagan Fitzpatrick, PhD**, Assistant Professor, Department of Medicine, discussed the importance of COVID-19 testing in schools with the *New York Times*. She also was interviewed in a *Washington Post* article explaining that research shows higher quality masks make a difference in COVID-19 transmission and was quoted by *Vox* describing the impact of COVID-19 vaccines on hospitalizations.

► **Todd Gould, MD**, Professor, Department of Psychiatry, was recently interviewed for his insight into ketamine in an article by *The Daily Beast*, entitled "Are Psychedelics the Next Big Treatment for Depression?" Dr. Gould explained the background of ketamine as a traditional anesthetic and how its mechanisms are hypothesized to reduce depression.



Todd Gould, MD



Stephanie Knight, MD

► **Stephanie Knight, MD**, Assistant Professor, Department of Psychiatry, on January 24, 2022, met with reporter Sarah Kim on the *Daily Dose* podcast (*WYPR of NPR*) and discussed barriers to vaccinations for people with mental illness—including lack of housing, food, transportation, and more. Dr. Knight highlighted the importance of accessible psychiatric care at Midtown and the importance of encouraging vaccines for psychiatric patients.

► **Matthew Laurens, MD, MPH**, Professor, Department of Pediatrics, was interviewed and quoted by *Reader's Digest TheHealthy.com* online titled "Do You Have 'Flurona'? Here's the Only Way to Know, an Infections Expert Says." He also was interviewed and quoted by:

- *Agence France-Presse* online in a segment entitled "False Claim about Deadly Covid-19 Vaccine Batches Spreads Online"
- *Alhurra, U.S. Agency for Global Media* in a piece titled "Long-Term Effects of COVID-19"
- *KCBS News Radio San Francisco* in a piece entitled "Moderna's COVID-19 Vaccine Granted Full Approval by FDA"
- *Healthline* regarding why high COVID transmission throughout the country also means a greater chance of COVID transmission in schools



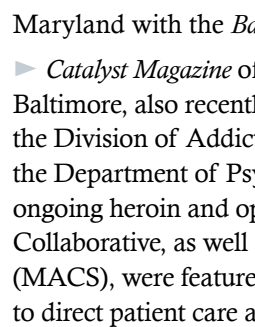
Matthew Laurens, MD, MPH

► **Andrew Lees, PhD**, Adjunct Associate Professor, Department of Medicine, was featured in the Maryland Tech Council's newsletter promoting "Maryland for the Life Sciences: It's Better in Maryland!"



Kirsten Lyke, MD

► **Kirsten Lyke, MD**, Professor, Department of Medicine, was quoted in an *Idaho Press* article about mix-and-match study results recently published in the *New England Journal of Medicine (NEJM)*.



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH Professor of Vaccinology and Director, Center for Vaccine Development and Global Health, discussed the Omicron variant's peak in Maryland with the *Baltimore Sun*.

► *Catalyst Magazine* of University of Maryland, Baltimore, also recently featured the many programs of the Division of Addiction Research and Treatment of the Department of Psychiatry in helping to combat the ongoing heroin and opioid epidemic. The Eastern Shore Mobile Care Collaborative, as well as the Maryland Addiction Consultation Service (MACS), were featured as pioneering initiatives that provide accessibility to direct patient care and educational consults to providers through warmlines.

# Publications

*Hats off to those who have been published!*



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Associate Professor, and **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, both from the Department of Epidemiology & Public Health, were among the co-authors of “Dietary Intake and Cancer in Sub-Saharan Africa: A Critical Review of Epidemiological Studies,” which was published in *Nutrition and Cancer* on February 1, 2022.

► **Abdul-Kareem Ahmed, MD, SM, PGY-4; Howard Eisenberg, MD**, Professor; **Timothy Miller, MD**, Assistant Professor; and **Dheeraj Gandhi, MBBS**, Professor, all from the Department of Neurosurgery, were co-authors of “Technical Compassion of Treatment Efficiency of Magnetic Resonance-Guided Focused Ultrasound Thalamotomy and Pallidotomy in Skull Density Ratio-matched Patient,” which was published in the *Frontiers in Neurology Journal* on January 21, 2022.



Dheeraj Gandhi, MBBS

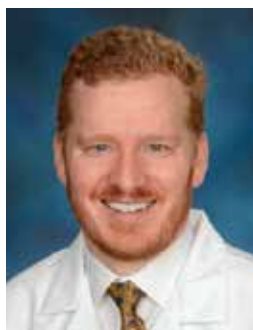


Jennifer Albrecht, PhD

► **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Treatment Patterns of Anxiety and Posttraumatic Stress Disorder Following Traumatic Brain Injury,” which was published in the *Journal of Neuropsychiatry and Clinical Neurosciences* on January 18, 2022. Dr. Albrecht also was among the co-authors of “Trajectories of Insomnia in Adults after Traumatic Brain Injury,” which was published in *JAMA Network Open* on January 4, 2022.

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was last author of “Introducing Radiology to First Year Medical Students: Tips for Educators,” which was published in the January 2022 issue of *Academic Radiology*. Separately, Dr. Awan was among the co-authors of “Optimizing Radiologist Productivity and Efficiency: Work Smarter, Not Harder,” which was published in the *European Journal of Radiology* on December 31, 2021.

► **Stewart Becker, PhD**, Associate Professor; **Sarah McAvoy, MD**, Assistant Professor; **Elizabeth Nichols, MD**, Associate Professor; and **Mariana Guerrero, PhD**, Professor, all from the Department of Radiation Oncology, were among the authors of “Correlation of Treatment Time to Target Volume for GammaPod Treatments: A Simple Second Calculation,” which was published in the *Journal of Applied Clinical Medical Physics* on February 7, 2022.



Stewart Becker, PhD

► **Anusha Bhat, MD**, and **Karan Desai, MD**, both Cardiovascular Disease Fellows from the Department of Medicine, were among the co-authors of “Concomitant Sepsis Diagnoses in Acute Myocardial Infarction-Cardiogenic Shock: 15-Year National Temporal Trends, Management, and Outcomes,” which was accepted for publication in February 2022 in *Critical Care Explorations*.



Maureen Black, PhD

► **Maureen Black, PhD**, Professor, Department of Pediatrics, was a co-author of “Grandi Byen-Supporting Child Growth and Development through Integrated, Responsive Parenting, Nutrition and Hygiene: Study Protocol for a Randomized-Controlled Trial,” which was published in *BMC Pediatrics* on January 21, 2022.

► **Carmel Bogle, MD**, Assistant Professor, Department of Pediatrics, was first author of “Obesity and Dyslipidemia Predict Cardiac Allograft Vasculopathy and Graft Loss in Children and Adolescents Post-Heart Transplant: A PHTS Multi-Institutional Analysis,” which was published in *Pediatric Transplantation* on February 5, 2022.



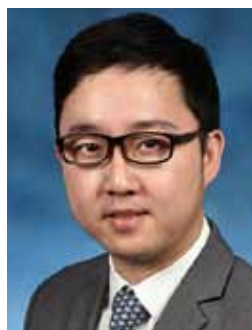
Clayton Brown, PhD

► **Clayton Brown, PhD**, Professor; **Anthony Harris, MD, MPH**, Professor; and **Surbhi Leekha, MBBS, MPH**, Associate Professor, all from the Department of Epidemiology & Public Health, were among the co-authors of “Development and Evaluation of a Structured Guide to Assess the Preventability of Hospital-Onset Bacteremia and Fungemia,” which was published in *Infection Control and Hospital Epidemiology* on January 28, 2022.

► **Joana Carneiro da Silva, PhD**, Professor, Department of Microbiology and Immunology and Institute for Genome Sciences, was a co-senior author of “CD4 T Cell Responses to Theileria parva in Immune Cattle Recognize a Diverse Set of Parasite Antigens Presented on the Surface of Infected Lymphoblasts,” which was published in the *Journal of Immunology* on September 10, 2021. Dr. Carneiro da Silva and **Mark Travassos, MD, MSc**, Associate Professor, Department of Pediatrics, were co-authors of “Successful Profiling of Plasmodium falciparum var Gene Expression in Clinical Samples via a Custom Capture Array,” which was published in *mSystems* on November 30, 2021. Additionally, Dr. Carneiro da Silva was among the co-authors of “A Genotyping Assay to Determine Geographic Origin and Transmission Potential of Plasmodium Falciparum Malaria Cases,” which was published in *Communications Biology* on September 30, 2021.



Joana Carneiro Da Silva, PhD



Chixiang Chen, PhD

► **Chixiang Chen, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was among the co-authors of “Improving Main Analysis by Borrowing Information from Auxiliary Data,” which was published in *Statistics in Medicine* on February 10, 2022. Dr. Chen was also the author of “A Statistical Framework for Recovering Pseudo-Dynamic Networks from Static Data,” which was accepted for publication in *Bioinformatics* on January 9, 2022. Additionally, he was the author of “Improving Main Analysis by Borrowing Information from Auxiliary Data,” which was accepted for publication in the journal *Statistics in Medicine* on October 21, 2021.

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Application of Unenhanced Computed Tomography Texture Analysis to Differentiate Pancreatic Adenosquamous Carcinoma from Pancreatic Ductal Adenocarcinoma,” which was published in *Current Medical Science* on January 28, 2022.



Rong Chen, PhD



Shuo Chen, PhD

► **Shuo Chen, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “The Additive Impact of Cardio-Metabolic Disorders and Psychiatric Illnesses on Accelerated Brain Aging,” which was published in *Human Brain Mapping* on February 3, 2022.

► **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, authored “Put Your Money Where Your Mouth Is: How Bioethics Can Learn from Organized Medicine,” which was published in *The American Journal of Bioethics* on December 28, 2021.

► **Kelly Coble, LCSW-C**, Instructor, Department of Psychiatry, was co-author of “Trends in Mental Health Concerns Reported to Two Pediatric Mental Health



Elizabeth Clayborne, MD, MA

Care Access Programs during the COVID-19 Pandemic,” which was published in the November 2021 issue of *Psychiatric Services*.



Lynda Coughlan, PhD

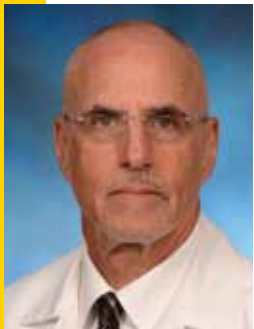
► **Lynda Coughlan, PhD**, Assistant Professor, Department of Microbiology and Immunology, led and was a co-author on several manuscripts focused on universal vaccine development against emerging viral pathogens, which were published in *Plos Biology* on December 16, 2021, *Cell Reports Medicine* on December 21, 2021, *Nature* on December 23, 2021, and *Molecular Therapy* on January 7 and January 26, 2022.

► **Gary Fiskum, PhD**, the Matjasko Professor of Anesthesiology Research and Vice Chair, and **Wei Chao, MD, PhD**, the Anesthesiology Endowed Professor of Translational Research, both from the Department of Anesthesiology, were among the co-authors of “A Non-Lethal Full-Thickness Flame Burn Produces a Seroma Beneath the Forming Eschar Thereby Promoting *Pseudomonas Aeruginosa* Sepsis in Mice,” which was published in the *Journal of Burn Care & Research* on November 5, 2021.



Gary Fiskum, PhD

► **Jeffrey Galvin, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Demystifying Idiopathic Interstitial Pneumonia: Time for More Etiology-Focused Nomenclature in Interstitial Lung Disease,” which was published in *Expert Review of Respiratory Medicine* on January 31, 2022.



Jeffrey Galvin, MD

► **Stephen Gottlieb, MD**, Professor, Department of Medicine, was among the co-authors of “Long-Term Survival with Tafamidis in Patients with Transthyretin Amyloid Cardiomyopathy,” which was published in *Circulation: Heart Failure* on December 20, 2021.



Stephen Gottlieb, MD

► **Anthony Harris, MD, MPH**, Professor, and **Kathryn Goodman, PhD, JD**, Assistant Professor, Department of Epidemiology & Public Health, were among the co-authors of “Considerations for the Use of Phage Therapy in Clinical Practice,” which was published in the *Journal of Antimicrobial Agents and Chemotherapy* on January 18, 2022. Dr. Harris was also a co-author of “A Global Measure of Patient-Reported Outcomes after Injury—Life Back on Track,” which was published in *Disability and Rehabilitation* on January 22, 2022.



Anthony Harris, MD, MPH

► **Isabel Jackson, PhD**, Associate Professor; **Allison Gibbs**, Research Specialist; **Yannick Poirier, PhD**, Assistant Professor; **Diana Newman**, DTRS Program Director; and **Andrew Zodda**, DTRS Quality Assurance Program Director, all from the Department of Radiation Oncology, were among the authors of “Interspecies Comparison and Radiation Effect on Pharmacokinetics of BIO 300, a Nanosuspension of Genistein, after Different Routes of Administration in Mice and Non-Human Primates,” which was published in *Radiation Research* on February 4, 2022.



Isabel Jackson, PhD

► **Xiaofeng Jia, BM, PhD**, Professor, Department of Neurosurgery, was the corresponding author, along with co-authors: **Xiang Xu**, **Xijie Zhou**, **Xiao Liu**, **Liming Qing**, Postdoctoral Fellows, and **Jian Du, PhD**, Research Associate, of “Macrophage Activation in the Dorsal Root



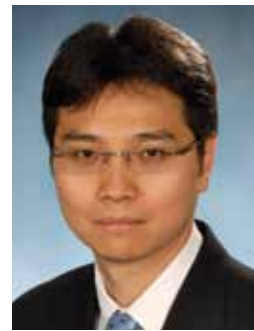
Xiaofeng Jia, BM, PhD

Ganglion in Rats Developing Autotomy after Peripheral Nerve Injury,” which was published in the *International Journal of Molecular Sciences* on November 26, 2021.

► **Li Jiang, PhD**, Research Associate; **Chandler Sours Rhodes, PhD**, Adjunct Assistant Professor; **Jiachen Zhuo, PhD**, Assistant Professor; **Rao Gullapalli, PhD, MBA**, Professor; and **Prashant Raghavan, MD**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Alterations in Motor Functional Connectivity in Neonatal Hypoxic Ischemic Encephalopathy,” which was published in the February 2022 issue of *Brain Injury*.



Jiachen Zhuo, PhD



Anthony Kim, PhD

► **Anthony Kim, PhD**, Associate Professor, Department of Neurosurgery, and **Jeff Winkles, PhD**, Professor, Department of Surgery, were the corresponding authors of “Harnessing Nanomedicine for Enhanced Immunotherapy for Breast Cancer Brain Metastases,” which was published in *Drug Delivery and Translational Research* on October 20, 2021.



Rosemary Kozar, MD, PhD

► **Rosemary Kozar, MD, PhD**, Professor, Department of Surgery; **Lin Zou, MD, PhD**, Associate Professor, Department of Anesthesiology; and **Wei Chao, MD, PhD**, the Anesthesiology Endowed Professor of Translational Research, were among the co-authors of “Role of Extracellular microRNA-146a-5p in Host Innate Immunity and Bacterial Sepsis,” which was published in *IScience* on November 13, 2021.

► **Ann Pullin Kuhn, PhD**, Postdoctoral Fellow; **Alysse Kowalski, PhD**, Postdoctoral Fellow; **Helena Selam, BA**,



Erin Hager, PhD

Graduate Student; **Maureen Black, PhD**, Professor; and **Erin Hager, PhD**, Associate Professor, all from the Department of Pediatrics, were co-authors of “On the Move or Barely Moving? Age-Related Changes in Physical Activity, Sedentary, and Sleep Behaviors by Weekday/Weekend Following Pandemic Control Policies,” which was published in the *International Journal of Environmental Research and Public Health* on January 4, 2022.

► **Shenghan Lai, MD**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Cocaine, Simultaneous Alcohol and Cocaine use, and Liver Fibrosis in People Living with and without HIV,” which was published in *Drug and Alcohol Dependence* on January 12, 2022.

► **Maryam Mashayekhi, PhD**, Medical Physics Resident, Department of Radiation Oncology, was among the authors of “Site-Agnostic 3D Dose Distribution Prediction with Deep Learning Neural Networks,” which was published in *Medical Physics* on January 4, 2022.



Timothy Miller, MD

► **Timothy Miller, MD**, Associate Professor; **Dheeraj Gandhi, MBBS**, Professor; and **Gaurav Jindal, MD**, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Initial Stress Hyperglycemia is Associated with Malignant Cerebral Edema, Hemorrhage, and Poor Functional Outcome after Mechanical Thrombectomy,” which was published in the January 2022 issue of *Neurosurgery*. Separately, Dr. Gandhi was among the co-authors of “Cost-Effectiveness

of Thrombectomy in Patients with Minor Stroke and Large Vessel Occlusion: Effect of Thrombus Location on Cost-Effectiveness and Outcomes,” which was published in the *Journal of NeuroInterventional Surgery* on January 12, 2022. He was also among the authors of

“Physics-Informed Modeling and Control of Multi-Actuator Soft Catheter Robots,” which was published in the January 2022 issue of *Frontiers in Robotics and AI*.



Pranshu Mohindra, MD, MBBS

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, was among the authors of “Robust Institutional Support and Collaboration Between Summer Training Programs in Cancer and Biomedicine Drive the Pivot to a Virtual Format in Response to the COVID Pandemic,” which was published in the *Journal of Cancer Education* on January 31, 2022.

► **Dipanjan Pan, MSc, PhD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Monitoring the Viral Transmission of SARS-CoV-2 in Still Waterbodies Using a Lanthanide-Doped Carbon Nanoparticle-Based Sensor Array,” which was published in the January 2022 issue of *ACS Sustainable Chemistry and Engineering*.



Dipanjan Pan, MSc, PhD

► **Brittany Patterson, PhD**, Assistant Professor, Department of Psychiatry, recently published the book *The Fight* for youth ages 9-17. The book discusses tactics and responses to use when in difficult situations and incorporates themes of diversity along the way.



Yannick Poirier, PhD

► **Yannick Poirier, PhD**, Associate Professor, and **Amit Sawant, PhD**, Professor, both from the Department of Radiation Oncology, were among the authors of “Quantifying the DNA-Damaging Effects of FLASH Irradiation with Plasmid DNA,” which was published in the *International Journal of Radiation Oncology, Biology, Physics* on February 3, 2022.

► **David Rasko, PhD**, Professor, Department of Microbiology and Immunology, Institute for Genome Sciences, was among the co-authors of “Pathogenomic Analyses of Shigella Isolates Inform Factors Limiting Shigellosis Prevention and Control across LMICs,” which was published in *Nature Microbiol* on February 7, 2022.



David Rasko, PhD

► **Feyruz Rassool, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Phase I Clinical Trial of DNA Methyltransferase Inhibitor Decitabine and PARP Inhibitor Talazoparib Combination Therapy in Relapsed/Refractory Acute Myeloid Leukemia,” which was published in *Clinical Cancer Research* on January 28, 2022.



Feyruz Rassool, PhD

► **Mary-Claire Roghmann, MD, MS**, Professor, Department of Epidemiology & Public Health, was among the co-authors of “Short-Stay Admissions Associated with Large COVID-19 Outbreaks in Maryland Nursing Homes,” which was published in the journal *Gerontology and Geriatric Medicine* on December 9, 2021. She also was among the co-authors of “Association Between Foot Surgery Type and Subsequent Healing in Veterans with Moderate-to-Severe Diabetic Foot Infections,” which was published in *Open Forum Infectious Diseases* on December 24, 2021.



Mary-Claire Roghmann, MD, MS

► **Nadia Sam-Agudu, MD**, Associate Professor, Department of Pediatrics, was a co-author of “Assessment of Clinical Outcomes among Children and Adolescents Hospitalized with COVID-19 in 6 Sub-Saharan African Countries,” which was published in *JAMA Pediatrics* on January 19, 2022.



Nadia Sam-Agudu, MD



Amit Sawant, PhD

► **Amit Sawant, PhD**, Professor, and **Pranshu Mohindra, PhD**, Associate Professor, both from the Department of Radiation Oncology, were among the authors of “Three Discipline Collaborative Radiation Therapy (3DCRT) Special Debate: FLASH Radiotherapy Needs Ongoing Basic and Animal Research before Implementing it to a Large Clinical Scale,” which was published in the *Journal of Applied Clinical Medical Physics* on January 28, 2022.

► **Lynn Schriml, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Darwinian Genomics and Diversity in the Tree of Life,” which was published in the *Proceedings of the National Academy of Sciences (PNAS)* on January 25, 2022.



Lynn Schriml, PhD

► **Bradford Schwartz, MD**, Adjunct Assistant Professor, and **Bobbi-Jo Lowie, MD**, Resident, Department of Emergency Medicine, were among the authors of “Manual Palpation vs. Femoral Arterial Doppler Ultrasound for Comparison of Pulse Check Time During Cardiopulmonary Resuscitation in the Emergency Department: A Pilot Study,” which was published in the *Journal of Emergency Medicine* on December 1, 2021.

► **Riccardo Serra, MD**, PGY-2, Department of Neurosurgery, was the first author of “Combined Intracranial Acriflavine, Temozolomide and Radiation Extends Survival in a Rat Glioma Model,” which was published in the *European Journal of Pharmaceutics and Biopharmaceutics* on December 21, 2021. Additionally, Dr. Serra 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 November 3, 2021.

► **Benjamin Siemsen, PhD**, Research Associate, Department of Anatomy and Neurobiology, was the first author of “A Subset of Nucleus Accumbens Neurons Receiving Dense and Functional Prelimbic Cortical Input are Required for Cocaine Seeking,” which was published in *Frontiers in Cellular Neuroscience* on February 2, 2022.



Phuoc Tran, MD, PhD

► **Phuoc Tran, MD, PhD**, Professor, Department of Radiation Oncology, was among the authors of “Definitions of Disease Burden across the Spectrum of Metastatic Castration-Sensitive Prostate Cancer: Comparison by Disease Outcomes and Genomics,” which was published in *Prostate Cancer and Prostatic Diseases* on January 11, 2022. He was also among the authors of “The Promise of Metastasis-Directed Therapy for Oligometastatic Prostate Cancer: Going beneath the Surface with Molecular Imaging,” which was published in *The Journal of Nuclear Medicine* on January 20, 2022. Separately, Dr. Tran was among the authors of “Simplifying Survivorship Care Planning: A Randomized Controlled Trial Comparing 3 Care Plan Delivery Approaches,” which was published in the *Journal of the National Cancer Institute* on January 11, 2022. He also was among the authors of “Interplay between Duration of Androgen Deprivation Therapy and External Beam Radiotherapy with or without a Brachytherapy Boost for Optimal Treatment of High-Risk Prostate Cancer: A Patient-Level Data Analysis of 3 Cohorts,” which was published in *JAMA Oncology* on January 20, 2022, and “Radiating the Prostate Bed in Relapsed Oligometastatic Prostate Cancer: How Comprehensive Should We Be?” which was published in *Prostate* on January 11, 2022.

► **Quincy Tran, MD, PhD**, Associate Professor; **Rose Chasm, MD**, Assistant Professor; and **Daniel Haase, MD**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Trend of Emergency Department Substance Overdose During Coronavirus Pandemic: Comment on a Previous Publication,” which was published in the *American Journal of Emergency Medicine* on December 7, 2021. Dr.



Quincy Tran, MD, PhD

Tran, along with **Stephanie Cardona, DO**, 2021 Residency Graduate, and **Jessica Downing, MD**, 2021 Residency Graduate, also from the Department of Emergency Medicine, authored “ECPR and Out of Hospital Cardiac Arrest,” which was published in the *American Journal of Emergency Medicine* on December 29, 2021. Separately, Dr. Tran, along with **Kevin Flanagan, DO**, Assistant Professor, also from the Department of Emergency Medicine, were among the authors of “Nurses and Efficacy of Ultrasound-Guided versus Traditional Venous Access: A Systemic Review and Meta-Analysis,” which was published in the *Journal of Emergency Nursing* on February 4, 2022. Dr. Tran was also among the authors of:

- “Traumatic Brain Injury and Intraparenchymal Hemorrhage Progression: Blood Pressure Variability Matters,” which was published in *American Journal of Emergency Medicine* on December 9, 2021
- “Evidence of SARS-CoV-2-Specific T-Cell-Mediated Myocarditis in a MIS-A Case,” which was published in *Frontiers in Immunology* on December 9, 2021
- “Emergency Department and Transport Predictors of Neurological Deterioration in Patients with Spontaneous Intracranial Hemorrhage,” which was published in the *American Journal of Emergency Medicine* on January 10, 2022
- “Sex Trafficking Screening and Intervention in the Emergency Department: A Scoping Review,” which was published in the *Journal of the American College of Emergency Physicians Open* on January 15, 2022
- “Emergent Endoscopy for Esophageal Foreign Body Removal: The Impact of Location,” which was published in *Cureus* on February 5, 2022

► **Sastry Vedam, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “AAPM Task Group Report 290: Respiratory Motion Management for Particle Therapy,” which was published in *Medical Physics* on January 23, 2022.

► **Piotr Walczak, MD, PhD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Virtual Mouse Brain Histology from Multi-Contrast MRI via Deep Learning,” which was published in *eLife* on January 28, 2022. Separately, Dr. Walczak was among the co-authors of “Local Autoimmune Encephalomyelitis Model in a Rat Brain with Precise Control over Lesion Placement,” which was published in the January 2022 issue of *PLoS One*.



Piotr Walczak, MD, PhD

► **Yan Wang, MD, DrPH**, Former Associate Professor; **Erin Hager, PhD**, Associate Professor; and **Maureen Black, PhD**, Professor, all from the Department of Pediatrics, were co-authors of “Maternal Depressive Symptoms, Attendance of Toddler Safety Promotion Sessions, and Reduction of Home Safety Problems: A Latent Class Analysis,” which was published in *PloS One* on January 19, 2022.



Yan Wang, BM, DrPH

► **Emerson Wickwire, PhD**, Professor, Department of Psychiatry, was lead author of “Trajectories of Insomnia

Following Traumatic Brain Injury,” which was accepted for publication in *JAMA Network Open* on December 1, 2021. He also was lead author of “Active-Duty Service Members, Primary Managers, and Administrators’ Perspectives on a Novel Tele-Sleep Management Platform in the U.S. Military Healthcare System,” which was accepted for publication in *Military Medicine* on January 6, 2022.



Emerson Wickwire, PhD



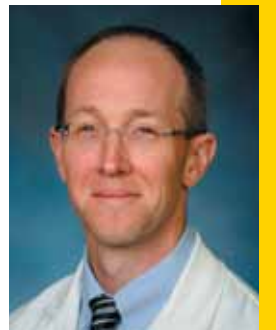
R. Gentry Wilkerson, MD

► **R. Gentry Wilkerson, MD**, Associate Professor, Department of Emergency Medicine, served as Guest Editor of *Emergency Medicine Clinics of Emergency Medicine*, which focused on Allergy, Inflammatory, and Autoimmune Disorders in Emergency Medicine on November 19, 2021. Separately, Dr. Wilkerson and **Bryan McNeilly, MD**, Resident, also from the Department of Emergency Medicine, co-authored “Not Feeling Swell: SVC Syndrome Falsely Attributed to COVID-19 Vaccine Reaction,”

which was published in *The Journal of Emergency Medicine* on February 6, 2022. The article was also featured as the *EMedHome Question of the Day* on February 8, 2022.

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

- “MIS-C in COVID-10,” published December 2, 2021
- “The BOUGIE Trial,” published December 28, 2021
- “Bicarbonate Therapy in the Critically Ill Patient,” published January 20, 2022
- “EM-STAT!,” published January 31, 2022
- “The 2021 Critical Care Literature—A Year in Review,” published February 9, 2022



Mike Winters, MD

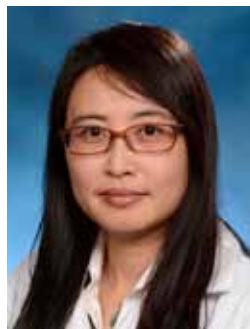


Paul Yi, MD

► **Paul Yi, MD**, Assistant Professor, and **Eliot Siegel, MD**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Demographic Reporting in Publicly Available Chest Radiograph Data Sets: Opportunities for Mitigating Sex and Racial Disparities in Deep Learning Models,” which was published in the January 2022 issue of the *Journal of American College of Radiology*. Separately, Dr. Yi was the last author of “Deep Learning Prediction of Sex on Chest

Radiographs: A Potential Contributor to Biased Algorithms,” which was published in *Emergency Radiology* on January 10, 2022. He was also among the co-authors of “AUR-RRA Review: Logistics of Academic-Industry Partnerships in Artificial Intelligence,” which was published in the January 2022 issue of *Academic Radiology*.

► **Yuji Zhang, PhD**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors of “Inhibition of mTOR or MAPK Ameliorates vmhc1/myh7 Cardiomyopathy in Zebrafish,” which was published in the December 2021 issue of *JCI Insight*.



Lin Zou, MD, PhD

► **Lin Zou, MD, PhD**, Associate Professor, and **Wei Chao, MD, PhD**, the Anesthesiology Endowed Professor of Translational Research, both from the Department of Anesthesiology, were among the co-authors of “Brain Innate Immune Response via miRNA-TLR7 Sensing in Polymicrobial Sepsis,” which was published in the journal *Brain, Behavior, and Immunity* on November 19, 2021. Separately, Drs. Zou and



Yuji Zhang, PhD

Chao, along with **Brittney Williams, MD**, Assistant Professor, also from the Department of Anesthesiology, were among the co-authors of “Targeting Toll-Like Receptors in Sepsis—From Bench to Clinical Trials” which was published in the journal *Antioxidants & Redox Signaling* on November 20, 2021.



# Collaborations

*Kudos to our faculty members who are partnering with local and national programs/organizations!*

► The Maryland Behavioral Health Administration (BHA) and Substance Abuse and Mental Health Services Administration (SAMHSA)—with funding from the National Center for School of Mental Health (NCSMH)—is offering a free online video course entitled “Parent CRAFT.” The self-paced course teaches parents skills to use with adolescents and young adults with substance use disorders and tactics for encouraging treatment. Parent CRAFT is free to all Maryland parents and caregivers.



Sarah Edwards, DO

► **Sarah Edwards, DO**, Assistant Professor, Director of the Division of Child & Adolescent Psychiatry; **Kay Connors, LCSW-C**, Instructor; **Sylvia McCree-Huntley, EdD**, Director, Professional Development & Continuing Education; **Bri Fellows, LCSW-C**; and **Olawunmi Ibraheem**, all from the Department of Psychiatry, and their team, have been working closely with Maryland recovery programs to implement “Mom Power,” a 10-week support program for mothers and babies in residential and outpatient addiction programs. To date, 90 mothers have participated in Mom Power, which encourages social supports to help mothers learn and practice attachment-based parenting skills. The program focuses on mothers and their emotions, as well as the meaning of infant behaviors. On December 9, 2021, the team also hosted the Helping Fathers Affected by Substance Abuse Disorders training session with

the Division of Child and Adolescent Psychiatry and Global Partners for Father and Families, LLC. Topics of discussion included substance use disorders among fathers, as well as methods of support.



Nancy Lever, PhD

► **Nancy Lever, PhD**, Associate Professor, and **Sharon Hoover, PhD**, Professor, along with faculty members **Kris Scardamalia, PhD**, Assistant Professor; **Tiffany Beason, PhD**, Assistant Professor; and **Lorraine Bernstein, MS**, all from the Department of Psychiatry, are serving as leadership for a Virtual Learning Series kicked off by the National Center for School Mental Health (NCSMH). The webinar focuses on Cultural Responsiveness, Anti-Racism, and Equity (CARE), and Cultural Inclusiveness and Equity (CIE). The

free webinar series is a collaboration with the Central East MHTTC and the Danya Institute. The webinars are from 3-4 p.m. EST on designated Wednesdays through June 2022. Upcoming events include:

- **March 2**, CARE Best Practices in School Mental Health: Screening
- **April 6**, CIE Part 3: Engaging in Culturally Inclusive Classroom Actions to Promote Student Mental Health
- **May 4**, CARE Best Practices in School Mental Health: Universal Health Promotion
- **June 1**, CARE Best Practices in School Mental Health: Early Intervention and Treatment in Schools

## HOW TO SUBMIT INFORMATION TO THE **Buzz**

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

**OR**

You may submit your *Buzz* items online:

<https://umbforms.wufoo.com/forms/z150ub5x10bz167/>

## Research Communications Network

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

### DEPARTMENTS

- **Anatomy & Neurobiology:** Leslie Fitzpatrick | [lfitzpatrick@som.umaryland.edu](mailto:lfitzpatrick@som.umaryland.edu)
- **Anesthesiology:** Candace Gaphardt | [cgaphardt@som.umaryland.edu](mailto:cgaphardt@som.umaryland.edu)
- **Biochemistry & Molecular Biology:** Qun Zhou | [qzhou@som.umaryland.edu](mailto:qzhou@som.umaryland.edu)
- **Dermatology:** Laurie Timberlake | [ltimberlake@som.umaryland.edu](mailto:ltimberlake@som.umaryland.edu)  
Betsy Satosky | [fsatosky@som.umaryland.edu](mailto:fsatosky@som.umaryland.edu)
- **Diagnostic Radiology & Nuclear Medicine:** Brigitte Pocta | [bpocta@umm.edu](mailto:bpocta@umm.edu)
- **Emergency Medicine:** Eileen O'Brien | [EOBrien@som.umaryland.edu](mailto:EOBrien@som.umaryland.edu)
- **Epidemiology & Public Health:** Erin C. Walton, LCSW-C | [erin.walton@som.umaryland.edu](mailto:erin.walton@som.umaryland.edu)
- **Family & Community Medicine:** Cathy Malecki | [CathyMalecki@som.umaryland.edu](mailto:CathyMalecki@som.umaryland.edu)  
Erinn Smith | [ErSmith@som.umaryland.edu](mailto:ErSmith@som.umaryland.edu)
- **Medicine:** Molly Lutz | [mlutz@medicine.umaryland.edu](mailto:mlutz@medicine.umaryland.edu)
- **Microbiology & Immunology:** Cecilia Lizer | [clizer@som.umaryland.edu](mailto:clizer@som.umaryland.edu)
- **Neurology:** Penelope Birckhead | [pbirckhead@som.umaryland.edu](mailto:pbirckhead@som.umaryland.edu)
- **Neurosurgery:** Jake Balter | [jbalter@som.umaryland.edu](mailto:jbalter@som.umaryland.edu)
- **OB-GYN:** Robin Kissinger | [rkissinger@fpi.umaryland.edu](mailto:rkissinger@fpi.umaryland.edu)

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

### INSTITUTES

- **Institute for Genome Sciences (IGS):** Sarah Pick | [spick@som.umaryland.edu](mailto:spick@som.umaryland.edu)  
Riham Keryakos | [rkeryakos@som.umaryland.edu](mailto:rkeryakos@som.umaryland.edu)

- **Institute of Human Virology (IHV):** Nora Samarayanake | [nsamarayanake@ihv.umaryland.edu](mailto:nsamarayanake@ihv.umaryland.edu)

- **Institute for Clinical & Translational Research (ICTR):** Meriem Gaval Cruz | [meriem.gavalcruz@umaryland.edu](mailto:meriem.gavalcruz@umaryland.edu)

### RESEARCH CENTERS

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

### RESEARCH PROGRAMS

- **Program in Comparative Medicine:** Deborah Sanchez | [dsanchez@umaryland.edu](mailto:dsanchez@umaryland.edu)
- **Program in Genetics & Genomic Medicine:** Ruth Cosentino | [rcosenti@som.umaryland.edu](mailto:rcosenti@som.umaryland.edu)

- **Program in Health Equity and Population Health:** Laundette Jones | [lpjones@som.umaryland.edu](mailto:lpjones@som.umaryland.edu)

- **Program in Neuroscience:** Georgia Rogers | [groggers@som.umaryland.edu](mailto:groggers@som.umaryland.edu)

- **Program in Oncology:** Kelli Carroll | [kcaroll1@umm.edu](mailto:kcaroll1@umm.edu)

- **Program in Trauma:** Betsy Burcham | [bburcham@umm.edu](mailto:bburcham@umm.edu)

### ACADEMIC PROGRAMS

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

### ADMINISTRATIVE UNITS

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