



What's the Buzz?

JULY 2021 VOL.23 NO.7

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

Presentations, Events, Lectures & Workshops

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



Clement Adebamowo, BM, ChB, ScD, FWACS, FACS

► **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, Department of Epidemiology & Public Health, was invited to give a presentation entitled “Engaging Indigenous Communities to Improve Comprehension of Informed Consent for Genomics Research” at the University of Melbourne, Australia for their Ethical, Legal and Social Issues in Epigenetics: Indigenous, National and Global Perspectives Symposium held May 4-6, 2021.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation at the Cardiovascular Institute (CVI) of Philadelphia’s 17th Annual Update in Nuclear Cardiology, entitled “Transition from PET to SPECT Myocardial Perfusion Imaging,” which was held virtually on June 6, 2021.



Vasken Dilsizian, MD



Howard Dubowitz, MB, ChB, MS, FAAP

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, presented “From Punishment to Discipline” and “Neglected Children: Controversies and Challenges” at the Champions of Children Conference in Illinois on April 8; “A Child’s Perspective of Neglect” at the 11th Nordic Conference on Child Abuse and Neglect, Helsinki, Finland on May 25, 2021; “Honoring John Leventhal’s Contributions to Preventing Child Maltreatment” at Yale School of Medicine on June 2, 2021, and “The Safe Environment for Every Kid (SEEK) Model: Promoting Children’s Health, Wellbeing, Development and Safety” at the International Society for the Prevention of Child Abuse and Neglect (ISPCAN) International Congress in Milan, Italy on June 7, 2021.

► **Jason Falvey, PT, DPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was recently a part of an American Physical Therapy Association (APTA) podcast regarding post-acute care reform and policy. Additionally, Dr. Falvey recently participated in the annual meeting of the American Geriatrics Society, which was held virtually May 13-15, 2021. He presented the poster entitled, “The Impact of Social Isolation on Disability and Mortality among Older Survivors of Critical Illness.” Dr. Falvey also had an abstract accepted as part of a mini-symposium entitled, “A Broader View of Outcomes after Critical Illness” for the American Thoracic Society International Conference, which was also held virtually in May 2021. Dr. Falvey participated in a panel that presented a continuation of his work: “The Impact of Social Isolation on Disability and Mortality among Older Survivors of Critical Illness.”



Jason Falvey, PT, DPT, PhD

► **Gregory Jasani, MD**, Resident, Department of Emergency Medicine, presented “When Protestors Become Patients: Civil Unrest and the ED [Emergency Department]” at the American College of Emergency Physicians, Maryland Chapter Educational Conference and Annual Meeting on March 18, 2021.

► **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, Department of Emergency Medicine, presented on the pro side of “Urban Penetrating Trauma: Prehospital Care is Essential” as part of the Maryland Committee on Trauma’s annual Point Counterpoint



Benjamin Lawner, DO, MS, EMT-P

conference on June 11, 2021. He also participated in the Baltimore Critical Care Transport Collaborative educational conference, which brought together participants from Hopkins Lifeline, Maryland ExpressCare, and PHI Air Medical to discuss critical care patient encounters and evidence-based resuscitation interventions. There are plans to expand the conference to other programs (MedStar) and host it on a recurrent basis.

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, presented on the following topics on May 25, 2021, as part of the annual Essentials of Emergency Medicine conference:

- “COVID Cardiology Updates”
- “My Favorite Cardiac Case of the Year”
- “My Favorite ECG [Electrocardiogram] Articles of the Year”
- “My Favorite ECG of the Year”
- “Recent Cardiology Articles That You Gotta Know!”



Amal Mattu, MD



Pranshu Mohindra, MD, MBBS

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, presented “Hyperthermia and Brachytherapy” on June 23 at the 2021 American Brachytherapy Society Annual Conference, held virtually. On the same day, he was the moderator of “Innovations Session I: Teaching the Next Generation of Brachytherapists.”

► **Darlene Robinson, MD**, Assistant Professor, Department of Emergency Medicine, presented “Everyday Bias for Healthcare Professionals” at a Zoom teleconference on July 19, 2021.

► **Karen Sack**, Allied Health Administrator, Department of Physical Therapy and Rehabilitation Science, was a speaker for the 2021 iSRA Joint Section Meeting on April 28, 2021. The session was entitled, “Investigator/Faculty Onboarding.” Ms. Sack has been an active member, speaker, and has served on committees for the Society of Research Administrators International (SRAI) since 1998.

► **Ryan Sutherland, MD**, Fourth-Year Resident, Department of Diagnostic Radiology and Nuclear Medicine, co-authored an educational exhibit entitled, “Diagnosis of Acute Blunt Traumatic Aortic Injury: A Practical Review,” that was awarded a Certificate of Merit at the American Roentgen Ray Society 2021 Virtual Annual Meeting April 18-22, 2021.



Eric Weintraub, MD

► **Eric Weintraub, MD**, Associate Professor, Department of Psychiatry, was a highlighted speaker during the virtual seminar, “Expanding Access to Medication-Based Treatment for OUD in Underserved Rural Areas Utilizing Telehealth,” hosted by Health Resources and Services Administration. The webinar discussed strategies for addressing substance use disorder among vulnerable populations in rural areas. Dr. Weintraub also presented at the 2021 Substance Use Disorder Best Practices Conference: Meeting the Moment, Together,



Darlene Robinson, MD

Presentations, Events, Lectures & Workshops

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hosted by the Office of the Governor and Opioid Operational Command Center to address the ongoing public health crisis. His presentation was entitled, “Prescribing Buprenorphine through Telemedicine to Underserved Rural Areas.”



Emerson Wickwire, PhD

- ▶ **Emerson Wickwire, PhD**, Associate Professor, Departments of Psychiatry and Medicine, presented to the State of Maryland Behavioral Health Association/ MedChi Webinar Series: Helping the Helpers and Those They Serve on May 12, 2021. The title of the presentation was “Bounce Back, Spring Forward: Sleep, Self-Care, and Resilience for Health Professionals during COVID-19 and Beyond.”
- ▶ **George Willis, MD**, Assistant Professor, Department of Emergency Medicine, presented on the following topics as part of the annual Essentials of Emergency

Medicine conference: “The Crashing Dissection” on May 26, 2021, and “Ditching D50 [50% Dextrose]” and “Goldilocks & the Hyponatremic Patient” on May 27, 2021.



Michael Zarro, PT, DPT, SCS, CSCS

- ▶ **Michael Zarro, PT, DPT, SCS, CSCS**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, in his role as the Education Chair for the American Academy of Sports Physical Therapy College and Pro Sports Special Interest Group, hosted a panel of physical therapists who work with NCAA Division 1 athletics on April 20, 2021. Approximately 60 participants from across the country participated in a Q&A with therapists from Duke, Miami, Oregon and Northwestern, discussing the role of physical therapists in NCAA sports medicine.

New Faculty

We welcome our new faculty!

- ▶ **M. Sadegh Asadi, MD**, Assistant Professor, Department of Medicine, joined the Heart Failure and Transplant Program on July 1, 2021.
- ▶ **Lisa Weiss Forbess, MD**, Assistant Professor, Department of Medicine, joined the Adult Congenital Program on June 1, 2021.
- ▶ **Syed Waqas Haider, MD**, Assistant Professor, Department of Medicine, will be joining our Midtown Cardiology team effective August 1, 2021.
- ▶ **Albert Hicks, III, MD, MPH, FACC**, Assistant Professor, Department of Medicine, joined our Advanced Heart Failure team on July 1, 2021.
- ▶ **Heather Mutchie, PhD**, Postdoctoral Fellow, joined the Department of Epidemiology & Public Health, Division of

Gerontology. Dr. Mutchie will work under the leadership of **Denise Orwig, PhD**, Professor and Director of the Baltimore Hip Studies on a newly funded NIH multi-PI grant entitled, “Feasibility of Remote Home Support Coordinators to Decrease the Physical and Psychological Impact of Social Distancing on Older Adults” (Grant P30 AG031679).

- ▶ **Mark Ehrenreich, MD**, Assistant Professor, Chief of Education, Department of Psychiatry, announces the incoming residents in July 2021. PGY-1 Residents will include: **Allison Aldrich, Laura Avigan, Ryan Cooper, Celia Islam, Valerie Jenkins, Nicole Juszczak, Lisa Kremen, Lani Matthews, Kimia Momeni, Swetha Mummini, Nisha Naik, Francis Pham, Alexandru Sorohan, Boris Tizenberg, Solomiya Tsymbalyuk, Annabel Umeh, and Jennifer Wineke.**

Appointments

We applaud our colleagues on their recent appointments!

- ▶ **Anuj Gupta, MD, FACC, FSCAI**, Associate Professor, Department of Medicine, has been selected as the co-Director/chief of Clinical Cardiovascular Medicine.



Stella Hines, MD, MSPH

- ▶ **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, Division of Occupational and Environmental Medicine, has been elected to the position of Co-Chair for the American Thoracic Society Section on Terrorism and Inhalational Disasters. She will serve as Co-Chair, 2021-2022 and then Chair, 2022-2023.



Charles Hong, MD, PhD

- ▶ **Charles Hong, MD, PhD**, the Melvin Sharoky, MD Professor in Medicine, was elected to a three-year term on the Board of Directors of the Sarnoff Foundation for Cardiovascular Research. He also was elected as the Specialty Chief Editor overseeing cardiovascular medicine and hematology at Frontiers in Drug Discovery.
- ▶ **Kathleen To, MD**, Assistant Professor, Department of Surgery, Program in Trauma, was appointed Chair of the VA Maryland HealthCare System Cardiopulmonary Resuscitation (CPR) Committee. The committee serves all of the VAMHCS sites in Maryland.

Honors & Awards

Congratulations to the following who have received honors!



Annabelle Belcher, PhD

► **Annabelle Belcher, PhD**, Assistant Professor, Department of Psychiatry, was recently awarded the American Society of Addiction Medicine (ASAM) Abstract Submission Award Honorable Mention: Underserved Population, for her abstract “Implementation of a Telemedicine-MOUD Program in a Rural Jail during COVID-19.” The recognition is presented to the primary author of a very high scoring abstract, and Dr. Belcher presented at the virtual ASAM 2021 conference.

► **Laura Buchanan, MD**, Assistant Professor, Department of Surgery, was selected as an honorary Student Marshal for the 2021 School of Medicine Graduation Ceremony.



Laura Buchanan, MD

► **Mark Ehrenreich, MD**, Assistant Professor, Chief of Education, and the Department of Psychiatry, would like to congratulate three of its residents who won awards at the Maryland Psychiatric Society’s Poster and Paper Competition. **Rachel Dillinger, MD**, won the best paper award by a resident/fellow for “Addressing the Stigma Surrounding Serious Mental Illness in Adolescents: A Brief Intervention.” **Mark Kvarta, MD, PhD**, Assistant Professor, and **Jooyoung Lee, MD, MS**, were finalists in the resident and fellow poster competition for “Abnormal Anterior Cingulate Activation Revealed by a Novel Ankle Shock Stress Task in Schizophrenia and Association with Depression and Psychosis,” and “Depression-Related Internet Search Volume as a Correlate of Future Child and Adolescent Suicides: A Cross-correlational Study of Monthly Google Search Volume and Suicide Rate of Young Individuals in the United States,” respectively.



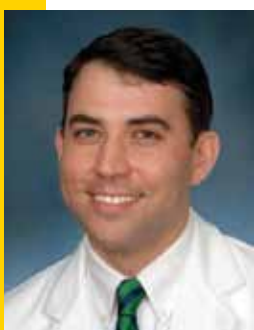
Mark Ehrenreich, MD, DFAPA, FAPM

► **Howard Eisenberg, MD**, Professor, Department of Neurosurgery, received a Lifetime Achievement Award from the *Top 100 Registry–Top 100 Doctors*.



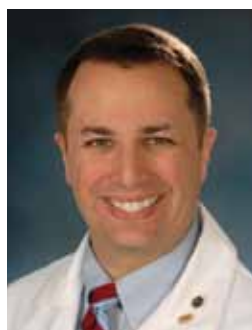
Howard Eisenberg, MD

► **Matthew Frieman, PhD**, Associate Professor, Department of Microbiology and Immunology, has been awarded a “COVID19 Hero” award by *The Daily Record*.



Matthew Frieman, PhD

► **Samuel Galvagno, DO, PhD**, Professor, Department of Anesthesiology, along with **Jesse Shriki, MD**, Surgical Critical Care Fellow, R Adams Cowley Shock Trauma Center, received the UMMC Attending of the Year and Fellow of Year award on Doctor’s Day on March 30, 2021.



Samuel Galvagno, DO, PhD

► **Kimberly Gordon-Achebe, MD, DFAPA**, Assistant Professor, Department of Psychiatry, was selected for the class of 2021 Women’s Wellness through Equity and Leadership (WEL) 2.0 Scholars Cohort by the American Psychiatric Association. The overarching goal is to encourage female physicians to engage in networking, mentorship, and training within a wide range of diverse demographics and abilities.



Kimberly Gordon-Achebe, MD, DFAPA

► **Aikaterini Kontrogianni-Konstantopoulos, PhD**, Professor, Department of Biochemistry and Molecular



Aikaterini Kontrogianni-Konstantopoulos, PhD

Biology, has been selected to receive a Teaching Commendation for Foundations Course for the 2020–2021 academic year. This award is given by the Office of Medical Education to high-rated lecturing faculty in each course as determined by student evaluations.



Joseph Martinez, MD

► **Joseph Martinez, MD**, Associate Professor, Department of Emergency Medicine, was selected by the University of Maryland School of Medicine’s Class of 2021 to deliver the Faculty Speaker Address as part of their graduation ceremony which took place on May 20, 2021.

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, was among the authors of “The Relationship of Large City Out-of-Hospital Cardiac Arrests and the Prevalence of COVID-19,” an early version of which received a Star Research Achievement Award from the Society for Critical Care Medicine at the society’s annual Critical Care Congress January 31, 2021. Dr. Mattu also received a second Academy for Scholarship Distinguished Educator Award for “Development of Enduring Educational Materials” from the Council of Residency Directors in Emergency Medicine on May 7, 2021. He had previously received the award in 2015.



Amal Mattu, MD

► **Matthew Miyamoto**, a rising 2nd year medical student in the lab of **Charles Hong, MD**, was awarded a 2021 AOA Carolyn L. Kuckein Student Research Fellowship for a project entitled, “Uncovering the Role of RTTN in Impaired Cardiomyocyte Maturation-Related Congenital Dilated Cardiomyopathy.”

► **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, was honored as the co-recipient of the 2021 Sonia Skarlatos Public Service Award from the American Society of Gene & Cell Therapy (ASGCT) for her work in advancing the development of mRNA vaccines through the NIH trial networks.



Kathleen Neuzil, MD, MPH, FIDSA

► **Devang Patel, MD**, Assistant Professor, Department of Medicine, was honored with the Pre-Clinical Golden Apple Teaching Award by the UMSOM Class of 2021.



Devang Patel, MD

► **Jill RachBeisel, MD**, the Dr. Irving J. Taylor Professor and Chair, and Associate Professor, Department of Psychiatry, was named by *The Daily Record* as one of Maryland’s Top 100 Women.



Jill RachBeisel, MD

The winners were celebrated during a virtual event on May 13, 2021.

► **Gary Schwartzbauer, MD, PhD**, Assistant Professor, Department of Neurosurgery, received a Teaching Commendation for Brain and Behavior for the 2020–2021 academic year from the School of Medicine. This award is given by the Office of Medical Education to high-rated lecturing faculty in each course as determined by student evaluations.



Gary Schwartzbauer, MD, PhD

► **Alexandra Vlk**, MSTP Student, has been awarded an AAI Trainee Abstract Award by the American Association of Immunologists. Her outstanding scientific abstract was selected for both an oral presentation in the Block Symposia and a poster presentation at the Virtual Immunology 2021 annual meeting held by the society in May 2021. This award supports

Honors & Awards

Continued

graduate students and postdoctoral fellows whose first-author abstracts are selected for oral presentations.

► **George Willis, MD**, Assistant Professor, Department of Emergency Medicine, was selected by the University of Maryland School of Medicine's Class of 2021 as the recipient of a Student Council Faculty Award for Best Clinical Faculty. This is one of the highest honors the students can give a faculty member and is awarded to "members of the faculty of the University of Maryland School of Medicine who have proven to be the most effective teachers in the preclinical and clinical years, as well as exemplary role models for the class." Dr. Willis received the award on May 20, 2021 as part of the class's graduation ceremony.



Jessica Brown, PhD

- The following faculty members were recognized at this year's Epidemiology & Public Health Commencement Ceremony
- **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, MPH Faculty Teaching and Mentoring Award
 - **Jennifer Albrecht, PhD**, Associate Professor, Epi, Human Genetics & Gerontology Faculty Mentoring Award
 - **Jessica Brown, PhD**, Assistant Professor, Epi, Human Genetics & Gerontology Faculty Teaching Award



Laundette Jones, PhD, MPH



Ann Hackman, MD

- **Laundette Jones, PhD, MPH**, Assistant Professor, 2021 inductee into the Beta Tau Chapter of Delta Omega Honorary Society in Public Health
 - **Kerri Thom, MD**, Professor, Medical Teaching Award
- The Department of Psychiatry congratulates the following faculty members for their awards at the 2021 School of Medicine Graduation Ceremony:
- **Marissa Flaherty, MD**, Assistant Professor, Student Council Award for Best Clinical Faculty
 - **Ann Hackman, MD**, Associate Professor, School of Medicine Graduation Faculty Marshal
 - **Constance Lacap, DO**, Assistant Professor, School of Medicine Graduation Platform Marshal



Kerri Thom, MD

In the News

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



Clement Adebamowo, BM, ChB, ScD, FWACS, FACS

- **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor, Department of Epidemiology & Public Health, was featured in the article "How I Became a Surgeon, Clinical Researcher, and Director of Global Health Cancer Research," published in the *ASCO Connection: Journal of Clinical Oncology* on May 16, 2021.
- **Elizabeth Clayborne, MD, MA**, Adjunct Assistant Professor, Department of Emergency Medicine, was interviewed for:
- "This ER Doc and Mom of 2 Wants You to Know She Is Not Superwoman," published by *Everyday Health* on April 30, 2021.
 - "One Year Later: Pregnant Doctors Fighting COVID in the ER," aired by *CNN* on May 9, 2021 as a Mother's Day special follow-up story to one originally aired May 5, 2020.
 - "The Takeaways from the 'CDC Referring to Masking Is That, Really, If You're Vaccinated, You're Safe': Doctor," published by *Yahoo Finance* on May 17, 2021.



Elizabeth Clayborne, MD, MA



Dana Cunningham, PhD

- **Dana Cunningham, PhD**, Adjunct Assistant Professor, Department of Psychiatry, and Director of the Prince George's School Mental Health Initiative, was recently featured in a *People Magazine* Exclusive for her company, Black Mental Wellness. Dr. Cunningham is co-founder of Black Mental Wellness, Corp., an organization whose mission is to "provide access to evidence-based information and resources about mental health and behavioral health topics from a Black perspective, to highlight and increase the diversity of mental health professionals, and to decrease the mental health stigma in the Black community."
- **Aki Honasoge, MD**, Resident, Department of Emergency Medicine, discussed a clinical case of agitation and tachycardia with refusal of care on the May 6, 2021, episode of the EMCast podcast.
- **Sharon Hoover, PhD**, Professor, Department of Psychiatry, was



Sharon Hoover, PhD



Eric Weintraub, MD

- quoted in *The Washington Post* article, "Partly Hidden by Isolation, Many of the Nation's School Children Struggle with Mental Health."
- **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, was interviewed by *PBS's Direct Connection* show on exercising, sports and cardiac involvement among COVID patients.
- **Eric Weintraub, MD**, Associate Professor, Department of Psychiatry, was recently featured and quoted in the article, "People with Substance Use Disorders Face Barriers to Getting the COVID-19 Vaccine" by *Verywell Health*. He emphasized the need for healthcare practitioners to reach out to those with substance use disorders both in and outside of treatment to discuss and encourage the vaccine.



Scott Jerome, DO, FACC, FASNC, FSCCT

- **The National Center for School Mental Health** of the Department of Psychiatry provided input and collaboration to "Enhancing School Capacity to Support Children's Mental Health," a recent brief from the National Conference of State Legislators. The brief described core components of comprehensive school mental health systems, multi-tiered systems of support, system-level strategies, and more. Resources, projects, and recommendations from the National Center for School Mental Health team are included throughout the brief.
- **The Eastern Shore Mobile Care Collaborative (ESMCC)**, a collaboration including the Department of Psychiatry, was recently mentioned in the Health and Human Services best practice guidelines, *Telehealth for Behavioral Health Care*. **Eric Weintraub, MD**, Associate Professor, Department of Psychiatry, was further recognized for providing insight to the telebehavioral health guide, which focused on informing health care providers who are newly established and interested in incorporating aspects of telebehavioral health in their practice.

Grants & Contracts

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



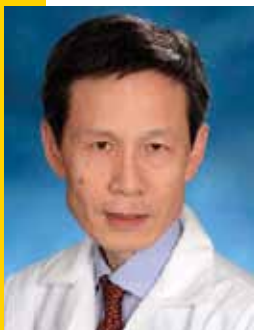
Jonathan Baghdadi,
MD, PhD

► **Jonathon Baghdadi, MD, PhD**, Assistant Professor, Department of Epidemiology & Public Health, received a one-year, \$20,000 grant from the SHEA Education & Research Foundation for his project entitled “Diagnostic Stewardship of Multiplex Molecular Panel Tests.” Dr. Baghdadi also received a three-year, \$313,572 award for his project entitled “Improving Use of Multiplex Molecular Panel Tests to Reduce Unnecessary Antibiotics.”

► **Anna Birukova, MD**, Professor, Department of Medicine, received a four-year, \$506,825 grant from National Institute of Health (NIH) for “Control of Septic Inflammation and Lung Microvascular Endothelial Barrier by Cell Junction Signalling Nexus.”



Anna Birukova, MD



Wei Chao, MD, PhD,
FAHA

► **Wei Chao, MD, PhD, FAHA**, Professor, Department of Anesthesiology and Physiology, was awarded a \$1,931,250 R35 grant from the National Institute of General Medical Sciences (NIH/NIGMS) to study “Extracellular miRNAs, Innate Immunity, and Critical Illness.” According to NIH, the goal of the R35 award, also known as Maximizing Investigators’ Research Award (MIRA) is to provide investigators with greater stability and flexibility, thereby enhancing scientific productivity and the chances for important breakthroughs.

► **Rong Chen, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded \$423,231 for a two-year cooperative agreement from NIDA entitled “Clear Volume Imaging with Machine Learning: A Novel Tool to Identify Brain-Wide Neuronal Ensembles of Opioid Relapse in Rat Models.”



Rong Chen, PhD



Kathleen Connors,
MSW, LCSW-C

► **Kathleen Connors, MSW, LCSW-C**, Instructor, Department of Psychiatry, was recently awarded as Principal Investigator for the project, “Promoting Positive Outcomes for Infants and Toddlers” by the Maryland State Department of Education. The project spans this year and is for \$50,493. Sharing Facilitating Attuned Interactions (FAN), is a partnership among the Programs of Assertive Community Treatment (PACT), University of Maryland, and the Maryland Behavioral Health Administration (BHA). FAN will create three cohorts of agencies across the state that serve infants, young children, and their families. **Carole Norris-Shortle, MSW, LCSW-C**, Clinical Assistant Professor, serves as the national trainer for the project, and **Brijan Fellows, LCSW-C**, both from the Department of Psychiatry, serves as the state trainer.

► **Fu Hu, PhD**, Associate Professor, Department of Anesthesiology; **William Teeter, MD**, Assistant Professor, Department of Emergency Medicine; **Neeraj Badjatia, MD, MS**, Professor, Department of Neurology; **Thomas Scalea, MD**, The Honorable Francis X. Kelly Distinguished Professor of Trauma Surgery; **Peter Rock, MD, MBA**, Professor, Department of Anesthesiology; **Samuel Galvagno, DO, PhD**, Professor, Department of Anesthesiology; and **Shiming Yang, PhD**, Assistant Professor, Department of Anesthesiology, received a four-year, \$7.87M grant from the US Army Medical Material Agency for “Interoperable Medical Automated Systems (iMAS).”

► **Alysse Kowalski, PhD**, Postdoctoral Fellow, Department of Pediatrics, is the recipient of a two-year postdoctoral fellowship from



Fu Hu, PhD

UMB Institute for Clinical & Translational Research (ICTR) for “Effectiveness of an Integrated Multiple Micronutrient Nutrition and Responsive Caregiving Intervention to Improve Child Development,” beginning July 1, 2021. **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, is her primary mentor.



Surbhi Leekha, MBBS, MPH

► **Surbhi Leekha, MBBS, MPH**, Associate Professor, Department of Epidemiology & Public Health, received a one and a half-year, \$26,500 contract from the American Hospital Association for her project entitled “Let’s Make a C-Difference: The CDI Prevention Collaborative.”

► **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor, Department of Medicine, received a two-year, \$800,000

grant from Bill and Melinda Gates Foundation for “Samoa Typhoid Fever Surveillance Initiative.”



Myron Levine, MD, DTPH



Istvan Merchenthaler, MD,
PhD, DSc

► **Istvan Merchenthaler, MD, PhD, DSc**, Professor, Department of Epidemiology & Public Health, received a five-year, \$202,118 sub-contract with the University of Massachusetts for work on an NIH award entitled, “Impact of Brain Estrogens on Cognition and Brain Aging in a Non-Human Primate.”

► **Andrea Meredith, PhD**, Professor, Department of Physiology, received a four-year, \$1,596,058 grant from the National Heart, Lung, and Blood Institute (NIH/NHLBI) for “Daily Regulation of Ionic Currents.”



Jeremy Polf, PhD

► **Andrea Meredith, PhD**, Professor, Department of Physiology, received a four-year, \$1,596,058 grant from the National Heart, Lung, and Blood Institute (NIH/NHLBI) for “Daily Regulation of Ionic Currents.”



Andrea Meredith, PhD

► **Jeremy Polf, PhD**, Associate Professor, Department of Radiation Oncology, received a \$25,000 UMMC Innovation Challenge Award for “An All-in-One Quality Control System for Radiation Oncology Clinics.”

► **Chinmoy Sarkar, PhD**, Research Associate, Department of Anesthesiology, was awarded a one and a half-year, \$424,875 grant from the National Institute of Neurological Disorders and Stroke (NIH/NINDS) for “Role and Function of Peroxisomal Ether Phospholipids in TBI.”

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



Eric Weintraub, MD

► By way of a newly awarded grant with **Eric Weintraub, MD**, Associate Professor, Department of Psychiatry, who serves as Principal Investigator, **The Maryland Addiction Consultation Service (MACS)** will expand consultation and training services to prescribers across the District of Columbia (D.C.). The grant is for \$500,000 for five years. Services will be administered by the University of Maryland School of Medicine and is funded by the District of Columbia government, D.C. Health, Health Regulation and Licensing Administration (HRLA), and Pharmaceutical Control Division (PCD).



Gerald Wilson, PhD

Publications

Hats off to those who have been published!



Sally Adebamowo, MBBS, MSc, ScD

► **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “Human Papillomavirus Vaccine Acceptability and Campaign Message Preferences among African American Parents: A Qualitative Study,” which was published in the *Journal of Cancer Education* on May 2, 2021.

► **Jennifer Albrecht, PhD**, Associate Professor, Department of Epidemiology & Public Health, and **Geoffrey Rosenthal, MD, PhD**, Professor, Department of Pediatrics,

were among the co-authors of “Prevalence of Clinical and Subclinical Myocarditis in Competitive Athletes with Recent SARS-CoV-2 Infection: Results from the Big Ten COVID-19 Cardiac Registry,” which was published in *JAMA Cardiology* on May 27, 2021.

► **Youssef Annous, BS**, Visiting Research Fellow; **Sara Manning, MD**, Assistant Professor; and **Danya Khoujah, MBBS**, Adjunct Assistant Professor, Department of Emergency Medicine, were the authors of “Ferritin, Fever, and Frequent Visits: Hyperferritinemic Syndromes in the Emergency Department,” which was published in the *American Journal of Emergency Medicine* on May 14, 2021.

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “The Art of Self-Reflection in Teaching,” which was published in the June 2021 issue of *Academic Radiology*. Separately, Dr. Awan was the last author of “Teaching Emotional Intelligence: How Much Do We Care about It?” which was published in the May–June 2021 issue of *Radiographics*.



Kathryn Hughes Barry, PhD, MPH

► **Kathryn Hughes Barry, PhD, MPH**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “Aspirin, Ibuprofen and Reduced Risk of Advanced Colorectal Adenoma Incidence and Recurrence and Colorectal Cancer in the PLCO Cancer Screening Trial,” which was published in *Cancer* on May 11, 2021.

► **Michael Benitez, MD**, Professor, Department of Medicine, completed work on three chapters for the upcoming *MKSAP19 (Medical Knowledge Self Assessment Program, 19th edition) for the American College of Physicians*. Chapters include: Myocardial Disease, Pericardial Disease, and Cardiovascular Disease in the Cancer Patient.

► **Andrea Berry, MD**, Assistant Professor, Department of Pediatrics; **Matthew Laurens, MD, MPH**, Associate Professor, Department of Pediatrics; **Kristen Lyke, MD**, Professor, Department of Medicine; **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, **Amed Ouattara, PhD, Dpharm**, Research Associate, Department of Medicine; **Shannon Takla-Harrison, PhD**, Associate Professor, Department of Medicine; and **Mark Travassos, MD, MSc**, Associate Professor, Department of Medicine, were among the co-authors of “Epitope-Specific Antibody Responses to a *Plasmodium Falciparum* Subunit Vaccine Target in a Malaria-Endemic Population,” which was published in *The Journal of Infectious Disease* on June 4, 2021.

► **Stephanie Cardona, DO**, Resident; **Naillid Felipe, MD, MPH**, Resident; **Kyle Fischer, MD, MPH**, Clinical Assistant Professor; and **Bradford Schwartz, MD**, Adjunct Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Vaccination Disparity: Quantifying Racial Inequity in COVID-19 Vaccine Administration in Maryland,” which was published in the *Journal of Urban Health* on May 18, 2021.



Jennifer Albrecht, PhD



Andrea Berry, MD

► **Garrett Cavaliere, DO**, Resident; **Reem Alfalasi, MB, ChB**, Resident; **Gregory Jasani, MD**, Resident; and **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, Department of Emergency Medicine, were among the authors of “Terrorist Attacks against Healthcare Facilities: A Review,” which was published in *Health Security* on May 20, 2021.

► **Garrett Cavaliere, DO**, Resident, and **Gregory Jasani, MD**, Resident, Department of Emergency Medicine, were the authors of “Op-Ed: Los Angeles EMS Is Making the Right Call,” which was published in *MedPage Today* on January 24, 2021.



Jacob Cherian, MD

► **Jacob Cherian, MD**, Assistant Professor, Department of Neurosurgery, was the first author of “Postmarket American Experience with EndoBridge Device: Adjudicated Multicenter Case Series,” which was published in *Neurosurgery* on May 14, 2021.

► **Chengyan Chu, MD**, Postdoctoral Fellow; **Piotr Walczak, MD, PhD**, Professor; and **Mirosław Janowski, MD, PhD**, Associate Professor, all from the Department

of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Deuterium Oxide As a Contrast Medium for Real-Time MRI-Guided Endovascular Neurointervention,” which was published in the April 2021 issue of *Theranostics*. Separately, Drs. Chu, Walczak and Janowski were among the co-authors of “Traumatic Brain Injury Does Not Disrupt Costimulatory Blockade-Induced Immunological Tolerance to Glial-Restricted Progenitor Allografts,” which was published in the April 2021 issue of the *Journal of Neuroinflammation*.



Derik Davis, MD

► **Derik Davis, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was first author of “Reliability of Supraspinatus Intramuscular Fatty Infiltration Estimates on T1-Weighted MRI in Potential Candidates for Rotator Cuff Repair Surgery: Full-Thickness Tear Versus High-Grade Partial-Thickness Tear,” which was published in *Skeletal Radiology* on May 6, 2021.

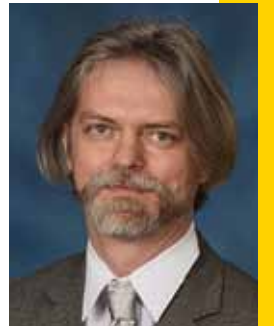
► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was a co-author of “Potential Cardiac Amyloid PET/CT Imaging Targets for Differentiating Immunoglobulin Light Chain from Transthyretin Amyloidosis,” and “Incremental Value of FDG PET in the Evaluation of Cardiac Masses,” which were both published in *Current Cardiology Reports* on June 3, 2021.

► **Sasha Deutsch-Link, MD**; **Annabelle Belcher, PhD**, Assistant Professor; **Ebonie Massey, MA**; **Thomas Cole, MA**; **Amy Billing, MS**; **Aaron Greenblatt, MD**, Assistant Professor; and **Eric Weintraub, MD**, Associate Professor, all from the Department of Psychiatry, co-authored “Race-Based Differences in Drug Use Prior to Onset of Opioid Use Disorder,” which was published in the *Journal of Ethnicity in Substance Abuse*. The study explored race differences in demographic variables, including age and use of substance classes. The article serves as an important collaboration between the University of Maryland School of Medicine (UMSOM) and University of Maryland, College Park (UMCP).

► **Jes Downing, MD**, Resident, Department of Emergency Medicine, was the author of “Theatrical Illness: Tuberculosis and HIV as Presented by *La Bohème* and *Rent*,” which was published in



Benjamin Lawner, DO, MS, EMT-P



Piotr Walczak, MD, PhD



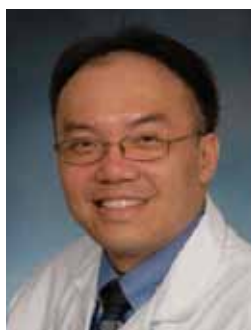
Vasken Dilsizian, MD



Annabelle Belcher, PhD

the *Swarthmore Undergraduate History Journal* on July 9, 2020. Dr. Downing was also among the authors of “Evaluation of Risk Factors for Hepatitis C Virus Infection among Philadelphia’s Shelter-Bound, Homeless Population: Data from a Student-Run Hepatitis C Virus Screening Initiative,” which was published in *Population Health Management* on November 26, 2020.

► **Jes Downing, MD**, Resident; **Stephanie Cardona, DO**, Resident; **Reem Alfalasi, MB, ChB**, Resident; **Bradford Schwartz, MD**, Adjunct Assistant Professor; and **Quincy Tran, MD, PhD**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Predictors of Intubation in COVID-19 Patients Undergoing Awake Prone in the Emergency Department,” which was published in the *American Journal of Emergency Medicine* on June 3, 2021. **Deborah Stein, ELS**, Technical Writer/Editor, Department of Emergency Medicine, edited the manuscript.



Quincy Tran, MD, PhD

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, authored “Addressing Children’s Exposure to Violence and the Role of Health Care” which was published in the May, 2021 issue of *JAMA Network Open*.



Howard Dubowitz, MB, ChB, MS, FAAP

► **Sheila Engi, PhD**, Visiting Postdoctoral Fellow, first author, and **Natalie Zlebnik, PhD**, Assistant Professor, senior author, both in the laboratory of **Joseph Cheer, PhD**, Professor, Department of Anatomy and Neurobiology, were among the co-authors of “Cocaine-Induced Increases in Motivation Require 2-Arachidonoylglycerol Mobilization and CB1 Receptor Activation in the Ventral Tegmental Area,” which will appear in the August 1, 2021 issue of *Neuropharmacology* Special Issue on Cannabinoids.



Natalie Zlebnik, PhD

► **Marie Ezran**, Third-Year Medical Student, (first author); **Angela Trude, PhD**, Postdoctoral Fellow; and **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, were co-authors of “Parent Website Engagement and Health Equity Implications in a Child Care-Based Wellness Intervention,” which was published in the *Journal of Nutrition Education and Behavior* on May 1, 2021.



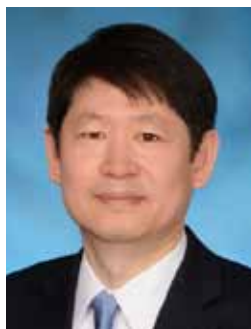
Maureen Black, PhD

► **Jason Falvey, PT, DPT, PhD, GCS**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Older Adults’ Perspectives Regarding the Role of Physical Therapists in Falls Prevention: A Qualitative Investigation,” which was published in the *Journal of Geriatric Physical Therapy*.



Jason Falvey, PT, DPT, PhD

► **Aloke Finn, MD**, Clinical Associate Professor; **Libin Wang, BM, MM, PhD**, Assistant Professor; **Susie Hong-Zohlman, MD, MsC**, Assistant Professor; **Anuj Gupta, MD, FACC, FSCAI**, Associate Professor; and **Charles Hong, MD, PhD**, the Melvin Sharoky, MD Professor in Medicine, all from the Department of Medicine, along with **Ji-Eun Park, MD, MA**, Cardiovascular Disease Senior Fellow, were co-authors of “Genetic Variants Associated with Unexplained Sudden Cardiac Death in Adult White and African American Individuals,” which was published in *JAMA Cardiology*.



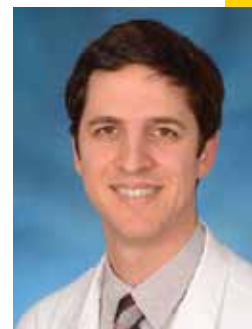
Libin Wang, BM, MM, PhD



Matthew Frieman, PhD

► **Matthew Frieman, PhD**, Associate Professor, Department of Microbiology and Immunology, co-authored “SARS-CoV-2 Vaccines For All But a Single Dose for COVID-19 Survivors,” which was published in *EBioMedicine* on May 25, 2021. Separately, Dr. Frieman and **Stuart Weston, PhD**, Postdoctoral Fellow, Department of Microbiology and Immunology, co-authored “A Human-Airway-on-a-Chip for the Rapid Identification of Candidate Antiviral Therapeutics and Prophylactics,” which was published in *Nature Biomedical Engineering* as part of a DARPA funded grant on identifying repurposed drugs that inhibit SARS-CoV-2. In addition, Drs. Frieman and Weston co-authored “Functional Landscape of SARS-CoV-2 Cellular Restriction,” which was published in *Mol Cell* on April 13, 2021.

► **J. David Gatz, MD**, Assistant Professor; **Daniel Gingold, MD, MPH**, Assistant Professor; **Daniel Lemkin, MD**, Assistant Professor; and **R. Gentry Wilkerson, MD**, Associate Professor, all from the Department of Emergency Medicine, were the authors of “Association of Resident Shift Length with Procedural Complications,” which was published in the *Journal of Emergency Medicine* on May 15, 2021. **Deborah Stein, ELS**, Technical Writer/Editor, Department of Emergency Medicine, edited the manuscript.



Daniel Gingold, MD, MPH



Dheeraj Gandhi, MBBS

► **Dheeraj Gandhi, MBBS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Cost-Effectiveness of Endovascular Thrombectomy in Patients with Low Alberta Stroke Program Early CT Scores (< 6) at Presentation,” which was published in the *Journal of Neurosurgery* on May 7, 2021.

► **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, co-authored “The Inconsistency and Instability of Parkinson’s Disease Motor Subtypes,” which was published in *Parkinsonism and Related Disorders* on May 21, 2021. Additionally, Dr. Gruber-Baldini, co-authored “Reliability and Validity of the Resident Satisfaction Index in Assisted Living,” which was published in the June 2021 issue of the *Journal of Applied Gerontology*. She also co-authored “Mobile Technology Care Coordination of Long-Term Services and Support: Cluster Randomized Clinical Trial,” which was published in the May 2021 issue of the *Journal of Applied Gerontology*.



Ann Gruber-Baldini, PhD

► **John Harringa, MD**, Resident; **Zachary Wynne, MD**, Resident; **Aki Honasoge, MD**, Resident; and **Sam Yarmis, MD**, Resident, all from the Department of Emergency Medicine, were the authors of “Early Vasopressor Use in Septic Shock: What Do We Know?” which was published in the January/February 2021 issue of *Common Sense*.

► **Stella Hines, MD, MSPH**, Associate Professor, Department of Medicine, was among the co-authors of “Elastomeric Respirator Use in Health Care,” which was published in *Workplace Health & Safety* on May 15, 2021.



Rebecca Carter, MD

► **Bailey Howard, MD**; **Jessica Biggs, PharmD**; **MacKenzie Crist, PharmD**; **Omayma Kishk, PharmD**; **Rebecca Carter, MD**, Assistant Professor, Department of Pediatrics; and **Regina Macatangay, MD**, Assistant Professor, Department of Pediatrics, were co-authors of “Interprofessional Approach to Educating Medical Students on Pediatric Medication



Stella Hines, MD, MSPH

Taste and Palatability,” which was published in the May 2021 issue of *Health, Interprofessional Practice & Education*.

► **Mei Zhen Huang, PhD**, Postdoctoral Fellow, and **Li-Qun Zhang, PhD**, Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “In-Bed Sensorimotor Rehabilitation in Early and Late Subacute Stroke Using a Wearable Elbow Robot: A Pilot Study,” which was published in *Frontiers in Human Neuroscience*.



Li-Qun Zhang, PhD

► **Gregory Jasani, MD**, Resident, Department of Emergency Medicine, was: Sole author of:

- “I’m Not Really a Hero,” published by *Common Sense* in July/August 2020
- “EM [Emergency Medicine] Residents and Medical Students: We’re Making History!” published in the Society for Academic Emergency Medicine’s *Pulse* on July 8, 2020
- “Make Your Voice Heard,” published in the American College of Emergency Physicians, Maryland Chapter newsletter in Fall 2020
- “The Potential for Violence against Health Care Workers during COVID-19,” published on KevinMD.com on December 3, 2020
- “PG County, Please Get Your COVID Vaccine,” published in the *Prince George’s Sentinel* on January 17, 2021
- “Your Voice STILL Matters,” published by *Common Sense* in January/February 2021
- “Beware COVID Vaccine Misinformation,” published in *The Sentinel* on February 22, 2021
- “Don’t Let Your Guard Down,” published in *The Sentinel* on March 6, 2021
- “Which COVID Vaccine Should You Get?” published in the *Montgomery County Sentinel* on April 4, 2021
- “It’s Time for Congress to Protect Healthcare Workers,” published in the *Montgomery County Sentinel* on May 11, 2021
- “Op-Ed: An Airborne Pathogen Standard Can Protect Us,” published by MedPage Today on June 3, 2021

Co-author of:

- “Policy Playbook: COVID-19 Vaccine Development,” published by EMDocs.net on November 2, 2020
- “Do Patients Addicted to Drugs Truly Have Capacity?” published in the *Montgomery County Sentinel* on November 27, 2020
- “Optimizing Medical Surge Capacity,” published by the American Academy of Emergency Medicine Resident and Student Association’s Modern Resident Blog on December 1, 2020
- “The Other Safety Concern for Healthcare Workers: Workplace Violence,” published in the *Montgomery County Sentinel* on December 13, 2020
- “Emergency Department Physicians Should Have the Right to Due Process Protection. Many Don’t,” published by STAT on December 16, 2020
- “Normalcy’ Is Still a Long Ways Off, Despite COVID Vaccine Rollout,” published by *The Baltimore Sun* on February 5, 2021

► **Gregory Jasani, MD**, Resident; **Garrett Cavaliere, DO**, Resident; **Reem Alfalasi, MB, ChB**, Resident; and **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Terrorist Attacks against Vaccinators: A Review,” which was published in *Health Security* on May 20, 2021.



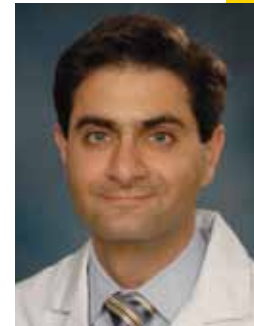
Benjamin Lawner, DO, MS, EMT-P

► **Gregory Jasani, MD**, Resident, and **Richard Jean-Louis, MD**, Resident, both from the Department of Emergency Medicine, were sole authors of:

- “PG County, PLEASE Get Your Flu Shot,” published in the *Prince George’s Sentinel* on November 10, 2020
- “We’re Worried about Thanksgiving,” published in the *Montgomery County Sentinel* on November 18, 2020

- “Please Don’t Come to the ER Just to Get a COVID Test,” published in the *Montgomery County Sentinel* on December 30, 2020

► **Gregory Jasani, MD**, Resident; **Siamak Moayed, MD**, Assistant Professor; and **Douglas Sward, MD**, Clinical Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Inner Ear Decompression Sickness in a Hyperbaric Chamber Inside Tender: A Case Report,” which was published in the *Journal of Undersea and Hyperbaric Medicine* on May 20, 2021. **Deborah Stein, ELS**, Technical Writer/Editor, Department of Emergency Medicine, edited the manuscript.



Siamak Moayed, MD

► **Jean Jeudy, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Prevalence of Clinical and Subclinical Myocarditis in Competitive Athletes with Recent SARS-CoV-2 Infection: Results from the Big Ten COVID-19 Cardiac Registry,” which was published in *JAMA Cardiology* on May 27, 2021. Separately, Dr. Jeudy,



Charles White, MD

along with **Charles White, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Comprehensive Computed Tomography Imaging of Vessel-Specific and Lesion-Specific Myocardial Ischemia,” which was published in *Journal of Thoracic Imaging* on May 24, 2021. Dr. White was also among the co-authors of “Ischemic Heart Disease: Noninvasive Imaging Techniques and Findings,” which was published in the May 2021 issue of *Radiographics*.

► **Xiaofeng Jia, MD, PhD**, Professor; **Xijie Zhou, MD, MS**, Postdoctoral Fellow; **Jian Du, PhD**, Research Associate; **Liming Qing, MD, PhD**, Postdoctoral Fellow; **Thomas Mee**, Medical Student; **Xiang Xu, MD, PhD**, Postdoctoral Fellow; **Zhuoran Wang, MD, MS**, Postdoctoral Fellow; and **Cynthia Xu, MD**, prior medical student trained in Dr. Jia’s lab, all from the Department of Neurosurgery, were authors of “Identification of Sensory and Motor Nerve Fascicles by Immunofluorescence Staining after Peripheral Nerve Injury,” which was published in the 2021 May issue of *Journal of Translational Medicine*.



Xiaofeng Jia, BM, PhD



Laundette Jones, PhD, MPH

► **Laundette Jones, PhD, MPH**, Assistant Professor, Department of Epidemiology & Public Health, co-authored “Inbred Strain Characteristics Impact the NKT Cell Repertoire,” which was published in *ImmunoHorizons* on March 31, 2021.

► **Ann Pulling Kuhn, PhD**, Postdoctoral Fellow, (first author); **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics; and **Erin Hager, PhD**, Associate Professor,

Department of Pediatrics, were co-authors of “Home and Neighborhood Physical Activity Location Availability among African American Adolescent Girls Living in Low-Income, Urban Communities: Associations with Objectively Measured Physical Activity,” which was published in the *International Journal of Environmental Research and Public Health* on May 9, 2021. Separately, Drs. Pulling Kuhn and Hager, and **Elizabeth Parker, PhD, RD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, were co-authors of “Associations between Elementary and Middle School Teachers’ Physical Activity Promoting Practices and Teacher- and School-level factors,” which was published in the *International Journal of Environmental Research and Public Health* on May 19, 2021.



Erin Hager, PhD

► **Mark Kvarta, MD, PhD**, Assistant Professor; **Joshua Chiappelli, MD**, Assistant Professor; **Stephanie Hare, PhD**, Instructor; **Eric**

Goldwaser, DO, PhD, PGY4; Seth Ament, PhD, Assistant Professor; Peter Kochunov, PhD, MS, MSEE, DABMP, Professor; and L. Elliot Hong, MD, Professor, all from the Department of Psychiatry, were co-authors of “Multiple Dimensions of Stress vs. Genetic Effects on Depression,” which was published in *Translational Psychiatry*.

► **Hannah Lane, PhD,** former Postdoctoral Fellow, and **Erin Hager, PhD,** Associate Professor, Department of Pediatrics, were co-authors of “Development and Interrater Reliability of an Observational School Environment Checklist: A Practical, Comprehensive Tool to Assess Healthy Eating and Physical Activity Opportunities in Schools,” which was published in *Health Promotion and Practice* on June 1, 2021.



Seth Ament, PhD

► **Myron Levine, MD, DTPH,** the Simon and Bessie Grollman Distinguished Professor, Department of Medicine, was among the co-authors of “Data and Safety Monitoring of COVID-19 Vaccine Clinical Trials,” which was published in *The Journal of Infectious Diseases* on May 19, 2021.

► **Joy Li,** Medical Student; **Rydhwana Hossain, MD,** Assistant Professor; **Lydia Chelala,** Fellow; **Jean Jeudy, MD,** Professor; and **Charles White, MD,** Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were the authors of “Rapid Onset Development of Myocardial Calcifications in the Setting of Renal Failure and Sepsis,” which was published in the April 2021 issue of *Radiology Cardiothoracic Imaging*. Separately, Drs. Hossain, Jeudy, and White, along with **Julia Kastner,** Medical Student, were among the co-authors of “Lung-RADS Version 1.0 Versus Lung-RADS Version 1.1: Comparison of Categories Using Nodules from the National Lung Screening Trial,” which was published in the May 2021 issue of *Radiology*.

► **Yajie Liang, MB, PhD,** Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the first author of “A Distinct Population of L6 Neurons in Mouse V1 Mediate Cross-Callosal Communication,” which was published in the May 2021 issue of *Cerebral Cortex*.

► **Alberto Macario, PhD,** Adjunct Professor, and **Everly Conway De Maracio, PhD,** Adjunct Professor, both from the Department of Microbiology and Immunology, authored “Chaperonins in Cancer: Expression, Function, and Migration in Extracellular Vesicles,” which was published in *Seminars of Cancer Biology* on June 1, 2021.



Alberto Macario, MD

► **Jay Magaziner, PhD, MSHyg,** Professor; **Ann Gruber-Baldini, PhD,** Professor; and **Jack Guralnik, MD, PhD, MPH,** Professor, all from the Department of Epidemiology & Public Health, co-authored “Four Square Step Test Performance in Hip Fracture Patients,” which was published in the *Journal of Geriatric Physical Therapy* on April 28, 2021.

► **Victoria Marchese, PT, PhD,** Associate Professor and Chair; **Kelly Rock, PT, DPT,** PhD Student; and **Vicki Gray, MPT, PhD,** Assistant Professor, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Neuromuscular Mechanisms That Contribute to Gross Motor Performance in Survivors of Childhood Acute Lymphoblastic Leukemia,” which was recently published in the *Journal of Pediatric Rehabilitation Medicine*.



Victoria Marchese, PhD, PT

► **David Mallott, MD,** Associate Professor, Department of Psychiatry, is currently hosting the newly released podcast for *The Journal of Nervous and Mental Disease*. To date, Dr. Mallott has interviewed Drs. Joel Yager, Robert Drake, Paul Lysacker, Kenneth Kendler, Laura Hirschbein, and more.



David Mallott, MD

► **Amal Mattu, MD,** Professor, Department of Emergency Medicine, was among the co-authors of “A Young Man with Palpitations,” which was published in the January 2021 issue of *American Journal of Emergency Medicine*, and “Do Not Skip a Beat: Intermittent Wolff-Parkinson-White Syndrome Diagnosed by a Single Beat on a 12-lead ECG,” which was published in the *Canadian Journal of Emergency Medicine* on January 4, 2021.



Amal Mattu, MD

► **Sylvia McCree-Huntley, EdD,** Department of Psychiatry, published the children’s book, *Embracing You!*

► **Ryan Miller, MD,** Assistant Professor, Department of Pediatrics, was among the co-authors of “Associations of Microvascular Complications with the Risk of Cardiovascular Disease in Type 1 Diabetes,” which was published in *Diabetes Care* on May 1, 2021. Dr. Miller was also first author of “SARS-CoV-2 Infection and Paediatric Endocrine Disorders: Risks and Management Considerations” which was published in *Endocrinology, Diabetes & Metabolism* on June 3, 2021.



Ryan Miller, MD



Mark Mishra, MD

► **Mark Mishra, MD,** Associate Professor, Department of Radiation Oncology, was among the authors of “Preoperative Radiosurgery for Resected Brain Metastases: The PROPS-BM Multicenter Cohort Study,” which was published in the *International Journal of Radiation Oncology, Biology, and Physics* on May 28, 2021.

► **Michael Mulligan, MD,** Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “Updates and Ongoing Challenges in Imaging of Multiple Myeloma: AJR Expert Panel Narrative Review,” which was published in *AJR American Journal of Roentgenology* on May 12, 2021.



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA,** the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, was the author of “Interplay between Emerging SARS-CoV-2 Variants and Pandemic Control,” which was published in the *New England Journal Medicine* on May 20, 2021.

► **Jennifer Nichols, MD,** Resident; **Jennifer Guyther, MD,** Assistant Professor; **Laura Bontempo, MD, MEd,** Associate Professor; and **Zachary Dezman, MD, MS, MS,** Assistant Professor, all from the Department of Emergency Medicine, were authors of “55-Year-Old Male with Fatigue,” which was published in the *Western Journal of Emergency Medicine* on November 25, 2020.



Zachary Dezman, MD, MS, MS

► **Dipanjana Pan, MSc, PhD,** Professor, Department of Diagnostic Radiology and Nuclear Medicine, was last author of “Synthesis and Characterisation of



Dipanjana Pan, MSc, PhD

N-gene Targeted NIR-II Fluorescent Probe for Selective Localisation of SARS-CoV-2,” which was published in *Chemical Communications* (Cambridge, England) on May 28, 2021. Additionally, Dr. Pan was the last author of “RNA-Extraction-Free Nano-Amplified Colorimetric Test for Point-of-Care Clinical Diagnosis of COVID-19,” which was published in the June 2021 issue of *Nature Protocols*. He was also last author of “UV-Trained and Metal-Enhanced Fluorescence of Biliverdin and Biliverdin Nanoparticles,” which was published in the March 2021 issue of *Nanoscale*. Lastly, Dr. Pan was among the co-authors of “Rapid and Low-Cost Sampling for Detection of Airborne SARS-CoV-2 in Dehumidifier Condensate,” which was published in *Biotechnology and Bioengineering* on May 8, 2021.



Elizabeth Parker, PhD, RD

► **Elizabeth Parker, PhD, RD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Associations between Elementary and Middle School Teachers’ Physical Activity Promoting Practices and Teacher- and School-Level factors,” which was published in the *International Journal of Behavioral Nutrition and Physical Activity*.

► **Jerimy Polf, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Secondary Particle Interactions in a Compton Camera Designed for In Vivo Range Verification of Proton Therapy,” which was published in *IEEE Transactions in Radiation and Plasma Medical Science*.



Jerimy Polf, PhD

► **Thomas Ptak, MD, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “ACR Appropriateness Criteria® Head Trauma: 2021 Update,” which was published in the May 2021 issue of the *Journal of the American College of Radiology*.



Thomas Ptak, MD, PhD

► **Jean-Pierre Raufman, MD**, Professor, Department of Medicine, was among the co-authors of “Exploiting Unique Features of the Gut-Brain Interface to Combat Gastrointestinal Cancer,” which was published in *The Journal of Clinical Investigation* on May 17, 2021.

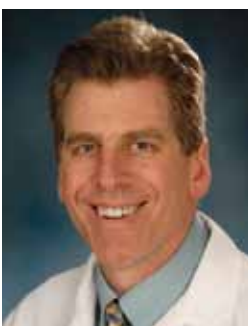


Jean-Pierre Raufman, MD

► **Lei Ren, PhD**, Professor, Department of Radiation Oncology, was the senior author of “A Generative Adversarial Network (GAN)-Based Technique for Synthesizing Realistic Respiratory Motion in the Extended Cardiac-Torso (XCAT) Phantoms,” which was published in *Physics and Medicine in Biology* on May 31, 2021.

► **Pamela Strissel, PhD**, Adjunct Associate Professor, Department of Radiation Oncology, was among the authors of “Integration of Spatial PD-L1 Expression with the Tumor Immune Microenvironment Outperforms Standard PD-L1 Scoring in Outcome Prediction of Urothelial Cancer Patients,” which was published in *Cancers* on May 12, 2021.

► **Mark Sutherland, MD**, Assistant Professor; **Robert Brown, MD**, Resident; **Aki Honasoge, MD**, Resident; and **Michael Witting, MD**, Professor, all from the Department of Emergency Medicine, were among the authors of “Clinically Relevant Adverse Cardiovascular Events in Intermediate Heart Score Patients Admitted to the Hospital Following a Negative Emergency Department Evaluation,” which was published in the *American Journal of Emergency Medicine* on November 3, 2020.



Michael Witting, MD



Milagritos Tapia, MD

► **Milagritos Tapia, MD**, Professor, Department of Medicine, was among the co-authors of “Meningococcal Serogroup ACWYX Conjugate Vaccine in Malian Toddlers,” which was published in the *New England Journal Medicine* on June 3, 2021.

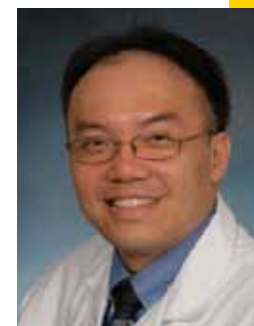
► **J. Kathleen Tracy, PhD**, Professor, Department of Epidemiology & Public Health; **Leslie Jamka, MS, MEM**, International Program Director; **Jennifer Oshinsky**, Lead Laboratory Research Specialist; **Marcela Pasetti, PhD**, Professor, Department of Pediatrics; **Kathleen Neuzil, MD, MPH, FIDSA**, the Myron M. Levine, MD, DTPH, Professor in Vaccinology and Director, Center for Vaccine Development and Global Health; and **Matthew Laurens, MD, MPH**, Associate Professor, Department of Medicine, were among the co-authors of “Safety and Immunogenicity of Vi-typhoid Conjugate Vaccine Co-administration with Routine 9-Month Vaccination in Burkina Faso: A Randomised Controlled Phase 2 Trial,” which was published in the *International Journal of Infectious Disease* on May 31, 2021.



J. Kathleen Tracy, PhD

► **Quincy Tran, MD, PhD**, Assistant Professor, Department of Emergency Medicine, was among the authors of:

- “Sedation in Mechanically Ventilated Covid-19 Patients: A Narrative Review for Emergency Medicine Providers,” which was published in the *American Journal of Emergency Medicine* on May 14, 2021
- “Predictors Associated with Inappropriate Transport of Near Shore Spinal Injuries,” which was published in the *Chinese Journal of Traumatology* on May 15, 2021
- “Safety Matters: A Meta-Analysis of Interhospital Transport Adverse Events in Critically Ill Patients,” which was published in the *Air Medical Journal* on May 24, 2021



Quincy Tran, MD, PhD

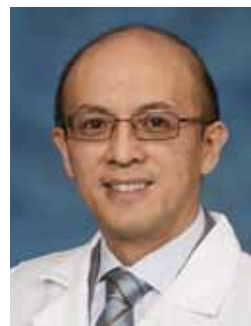
► **Angela Trude, PhD**, Postdoctoral Fellow, and **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, were co-authors of “Regular Bedtime: Implications for Obesity Prevention During the Pandemic and Beyond,” which was published in *Childhood Obesity* on May 28, 2021.

► **Sastry Vedam, MS, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Stability of MRI Contrast Agents in High-Energy Radiation of a 1.5 T MR-Linac,” which was published in *Radiotherapy and Oncology* on June 2, 2021.



Maureen Black, PhD

► **Nicholas Walter, MD**, Resident, and **Hong Kim, MD, MPH**, Assistant Professor, Department of Emergency Medicine, were among the authors of “301. Clinical Characteristics in Cardiotoxic Agent Overdose Necessitating Venoarterial Extracorporeal Membrane Oxygenation: A Case Series,” which was published as part of “North American Congress of Clinical Toxicology (NACCT) Abstracts 2020” in *Clinical Toxicology* on September 4, 2020. In addition, Drs. Walter and Kim, along with **Reem Alfalasi, MB, ChB**, Resident, were among the authors of “017. Characteristic of Extracorporeal Membrane Oxygenation (ECMO) Use for Acute Pediatric Poisoning in the U.S.,” which was published as part of “2021 ACMT Annual Scientific Meeting Abstracts—Virtual” in the *Journal of Medical Toxicology* on March 31, 2021.



Ze Wang, PhD

► **Ze Wang, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “The Systematic Bias of Entropy Calculation in the Multi-Scale Entropy Algorithm,” which was published in the May 2021 issue of *Entropy* (Basel).



Christopher Welsh, MD

author of “CPAP Adherence is Associated with Reduced Inpatient Utilization among Older Adult Medicare Beneficiaries with Pre-existing Cardiovascular Disease,” which was published in the *Journal of Clinical Sleep Medicine* on June 2, 2021.



Jeff Winkles, PhD

Factor-Inducible 14 Expression Transforms Pproneural-Like Gliomas into More Aggressive and Lethal Brain Cancer,” which was published in *Glia* on May 15, 2021.

► **Amelia Wnorowski, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among

► **Christopher Welsh, MD**, Associate Professor, Department of Psychiatry, co-authored “Preventing Hospital Readmission for Patients with Comorbid Substance Use Disorder: A Randomized Ttrial,” which was published in *Annals of Internal Medicine*.

► **Emerson Wickwire, PhD**, Associate Professor, Departments of Psychiatry and Medicine, was lead



Emerson Wickwire, PhD

► **Jeff Winkles, PhD**, Professor, Department of Surgery; **Graeme Woodworth, MD**, Professor and Chair, Department of Neurosurgery; **Anthony Kim, PhD**, Associate Professor, Department of Neurosurgery; **Eli Bar, PhD**, Associate Professor, Department of Pathology; and **Su Xu, PhD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, were the co-authors of “Elevated Fibroblast Growth



Amelia Wnorowski, MD

the co-authors of “Observational Cohort Study of the Effect of a Single Lubricant Exposure during Transvaginal Ultrasound on Cell-Shedding from the Vaginal Epithelium,” which was published in *PLoS One* on May 3, 2021.

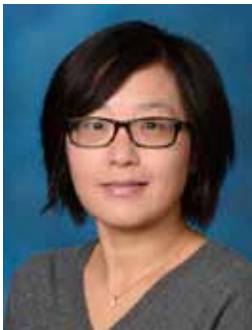
► **Jade Wong-You-Cheong, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “ACR Appropriateness Criteria® Renal Failure,” which was published in the May 2021 issue of the *Journal of the American College of Radiology*.

► **Sharleen Yuan, MD, PhD, MA**, Resident; **Sam Yarmis, MD**, Resident; and **Kami Hu, MD**, Assistant Professor, Department of Emergency Medicine, were the authors of the textbook chapter “Hyperleukocytosis and Leukostasis” in *Oncologic Emergency Medicine: Principles and Practice*, 2nd edition, published by Springer International in 2021.

► **Davide Zella, PhD**, Assistant Professor, Department of Biochemistry and Molecular Biology, and **Robert Gallo, MD**, The Homer & Martha Gudelsky Distinguished Professor in Medicine, and Co-Founder & Director of the Institute of Human Virology, were co-authors of “Viruses and Bacteria Associated with Cancer: An Overview,” which was published in *Viruses* on May 31, 2021.



Robert Gallo, MD



Yuji Zhang, PhD

► **Yuji Zhang, PhD**, Associate Professor, Department of Epidemiology & Public Health, co-authored “Pre-Clinical Activity of Amino-Alcohol Dimeric Naphthoquinones as Potential Therapeutics for Acute Myeloid Leukemia” which was published in *Anti-Cancer Agents in Medicinal Chemistry* on June 2, 2021.

Patents

We applaud the innovators among us!



Todd Gould, MD

► **Todd Gould, MD**, Professor, and **Panos Zanos, PhD**, Assistant Professor, both from the Department of Psychiatry, were awarded a patent for their project, “Crystal Forms and Methods of Synthesis of (2R,6R) 0 Hydroxynorketamine and (2S,6S) Hydroxynorketamine.” (2R,6R)-hydroxynorketamine is a potential treatment for depression, chronic pain, and other neuropsychiatric disorders for which ketamine has been shown effective. The patent describes methods for the synthesis of this molecule, and also reports its unique 3-dimensional structure.

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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