Presentations, Events, Lectures & Workshops

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

- Odessa Addison, DPT, PhD, Assistant Professor, and Marcel Lanza, PhD, Postdoctoral Fellow, both from the Department of Physical Therapy and Rehabilitation Science, participated in the annual scientific meeting of the Gerontological Society of America, which was held virtually November 4-7, 2020. Dr. Addison presented: “Older Veterans with Chronic Pain Who Persist in Group Exercise Show Improved Mobility” and Dr. Lanza presented the poster presentation entitled: “Role of Intramuscular Fat and Lean Muscle in Surface Electromyography Amplitude of the Gluteus Medius in Older Adults.”

- Afrah Abdul Wahid Ali, MBBS, Instructor, Department of Emergency Medicine, was invited to speak on the topic, “What’s in a Name? A Discussion on Name-Based Microaggressions” at the University of North Carolina Department of Emergency Medicine Grand Rounds on August 19, 2020.

- Kriti Chaplot, PhD, Postdoctoral Fellow in the laboratory of Iris Lindberg, PhD, Professor, both in the Department of Anatomy and Neurobiology, gave an invited short talk at the Cold Spring Harbor Protostasis meeting in November 2020 (Virtual), entitled “The Neural Chaperone proSAAS Phase-Separates into Cytosolic Spheres Which Efficiently Sequester TDP43.”

- Jason Falvey, PT, DPT, PhD, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, gave a virtual talk on Thursday, October 29, 2020, for Marquette University as one of the four VCI-Marquette challenge lectures entitled, “Flattening the Disability Curve after Acute Hospitalization: Rehabilitation and Recovery in the Time of Coronavirus.”

- Roy Film, PT, MPT, DPT, OCS, FAAOMPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was an invited participant in a White House Virtual Round Table through the Office of National Drug Control Policy to discuss US opioid crisis mitigation. The event was held October 29, 2020.

- Ronna Hertzano, MD, PhD, Associate Professor, Department of Otorhinolaryngology-Head & Neck Surgery, organized—in collaboration with the Center for Comparative and Evolutional Biology of Hearing, University of Maryland, College Park—the 6th Annual Auditory and Vestibular Translational Research Day, which was focused on Genetic Hearing Loss and Gene Therapy. This year, as the day was virtual, there was record attendance with more than 305 participants from 20 countries.

- Sharon Hoover, PhD, Professor, Department of Psychiatry, presented to the National Conference of State Legislatures on “Helping Students Access School Mental Health Services.” Held October 21, Dr. Hoover presented to state legislators from across the U.S. an overview of core components of a comprehensive school mental health system and examples of state legislative actions related to school mental health in 2020.

- Nancy Lever, PhD, Associate Professor, Department of Psychiatry, was one of the featured presenters for a national webinar, “Student Mental Health During COVID-19: How to Prepare as Schools Reopen,” on September 4, 2020. The webinar was geared toward emergency managers, public health professionals (state and local health departments), and school administrators who are working together to create school reopening and response plans. The webinar was sponsored by the Mid-America Mental Health Technology Transfer Center (MHTTC) in collaboration with the MHTTC Network Coordinating Office, National Center for School Mental Health, U.S. Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response (ASPR), and Office of the Assistant Secretary for Health (OASH).

- Victoria Marchese, PT, PhD, Associate Professor and Chair, Department of Physical Therapy and Rehabilitation Science, presented: “Neuromuscular Mechanisms that Contribute to Gross Motor Performance in Survivors of Childhood Acute Lymphoblastic Leukemia” at the University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center (UMGCCC) Population Science 2020 Virtual Retreat on Friday, October 23, 2020.

- Amal Mattu, MD, Professor, Department of Emergency Medicine, was invited to deliver the following presentations:
  - “Modem Management of Cardiogenic Pulmonary Edema,” “Cardiogenic Shock,” and “Pericarditis and Myocarditis” for University of California San Francisco/San Francisco General Hospital Emergency Medicine Grand Rounds on July 2, 2020
  - “Subtle Ts of Cardiac Ischemia” for University of KwaZulu-Natal Emergency Medicine Grand Rounds on July 17, 2020
  - “Cardio-COVID” for Dr. Sulaiman Al Habib Medical Academy on July 28, 2020
  - “Why We Miss Acute Coronary Syndrome” for Maimonides Medical Center Emergency Medicine Grand Rounds on July 29, 2020
  - “High Risk Arrhythmias” and “Cardio-COVID” for George Washington University—India Emergency Medicine Master’s Degree Program’s Emergency Medicine Grand Rounds on August 6, 2020
  - “Why We Miss Acute Coronary Syndrome” and “Wide-Complex Tachycardias: Myths and Pitfalls” for Charles E. Schmidt College of Medicine-Florida Atlantic University Emergency Medicine Grand Rounds on August 18, 2020
  - “Why We Miss Acute Coronary Syndrome” for University of North Carolina Department of Emergency Medicine Grand Rounds on August 19, 2020
  - “Cardiovascular Disorders, Parts I-IV: Valvular Heart Disease, Infective Endocarditis, Inflammatory Heart Disorders; Aortic Emergencies, Hypertension, Deep Venous Thrombosis, Peripheral Vascular Disease; Acute Coronary Syndrome, Complications of Acute Myocardial Infarction; and Congestive Heart Failure, Dysrhythmias, Syncope,” “ECG Review for the Board Exam,”
“Cardiac Arrest Update,” and “Emergencies in the Elderly Patient” for the Ohio Chapter of the American College of Emergency Physicians’ Emergency Medicine Review Course on August 20 and 21, 2020

• "Influenza, COVID-19, and Matters of the Heart” for the European Society of Cardiology Annual Congress’s Symposium on Influenza, COVID-19, and Cardiovascular Disease on August 28, 2020

• "Cardiovascular Manifestations of COVID-19” for the SCP Health Medical Leadership Conference on September 2, 2020

• "Cardiac Ischemia ECG Workshop: Subtle ECG Manifestations of Ischemia” and “Classic, Confusing, and Confounding Cases in Emergency Cardiology” for the EMS World Expo on September 14 and 16, 2020

• “High Risk Arrhythmias” for Icahn School of Medicine at Mount Sinai Emergency Medicine Grand Rounds on September 23, 2020

• “Electrocardiography of Syncope” (keynote speech) for the EmbattLED: 23rd Annual Symposium on October 1, 2020

• “Emergency Electrocardiography Workshop” and “Emergency Cardiology Literature Update” for the 3rd International Red Sea Emergency Medicine Conference on October 10 and 11, 2020

• “Top Cardiology Articles of 2020” and “Cardiology Panel Discussion” for the American College of Osteopathic Emergency Physicians' Scientific Assembly on October 13, 2020

Alisa Pravdo, PT, DPT, OCS, FAAOMPT, Assistant Professor; and Peter Bowman, PT, DPT, FAAOMPT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, presented: “A Case Report on the Rehabilitation of a 12-year-old Ballet Dancer with Persistent Tibial Tendinopathy” at the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT) Annual Conference, held virtually November 5-8, 2020.

Kelly Westlake, PhD, MSc, PT, Associate Professor, and Brian Johnson, OTR/L, PhD, Instructor, NIH Postdoctoral Fellow; Department of Physical Therapy and Rehabilitation Science, presented a virtual CEU course entitled: “Motor Learning in Rehabilitation: From Brain to Behavior” on October 22, 2020, as part of PT Month recognition at the Department of Physical Therapy and Rehabilitation Science.

Michael Winters, MD, Professor, Department of Emergency Medicine, delivered the following presentations:

• "Abdominal and Gastrointestinal Disorders,” “Endocrine and Metabolic Disorders,” “Musculoskeletal Disorders,” “Neurology and Neurotrauma,” and “Written Board Review Quick Pearls” for the American Academy of Emergency Medicine’s Written Board Review course in July 2020

• “Clinical Pearls from the Recent Literature,” “Current Concepts and Controversies in COVID-19,” “Identifying Chest Pain Emergencies in the Outpatient Setting,” and “Managing Dangerous Allergies and Anaphylaxis” for MCE Conferences’ Emergencies in Primary Care continuing medical education conference in August 2020

• “Cruising the Literature: Top Articles in Critical Care,” “Peri-Arrest Pearls for a New Decade,” and “Undifferentiated Shock…Making a Difference” for the American College of Emergency Physicians’ Annual Scientific Assembly in October 2020

The National Center for School Mental Health (NCSMH), in partnership with the School-Based Health Alliance (the Alliance), kicked off the third year of the National Quality Initiative on School Health Services. The NCSMH and the Alliance hosted state leaders in health, behavioral health, and education from 12 states (Arizona, California, Illinois, Massachusetts, Minnesota, Missouri, Nevada, New York, North Carolina, Ohio, Pennsylvania, South Carolina). These states will participate in a 12-month intensive learning collaborative, called a Collaborative Improvement and Innovation Network, to improve health in school-based health centers and comprehensive school mental health systems.

Also, The National Center for School Mental Health (NCSMH) completed the 20th year of the School Health Interdisciplinary Program (SHIP) Conference. There were 28 pre-recorded sessions and one live webinar between July 15–September 15. The conference was spearheaded by Nancy Lever, PhD, Associate Professor, and Sylvia McCree-Huntley, EdD, both from the Department of Psychiatry, and was attended by approximately 500 school professionals, counselors, health educators, nurses, psychologists, and other school administrators. The SHIP Conference is a multi-faceted approach to continuing education that provides comprehensive training on coordinated school health. This year’s theme was “Addressing the Needs of the Whole Child: What Works in School Health and Wellness.” The Conference focuses on topics vital to school professionals and is committed to advancing quality and sustainability in school health.

• The 79th annual meeting of the American Association for the Surgery of Trauma (AAST) and Clinical Congress of Acute Care Surgery was held virtually over a two-week period in September 2020. The Program in Trauma had an impressive number of presenters/moderators:

  • William Chiu, MD, Associate Professor of Surgery, Program in Trauma, was one of five with a poster presentation in “Outcomes/Guidelines”

  • Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma, was among six presenters on “Challenges and Opportunities for Conducting Research Studies in the Deployed Setting”

  • Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma, presented “Clamshell Thoracotomy Better Facilitates Thoracic Life-Saving Procedures Without Increased Complications Compared to Anterior/Inferior Approach to Resuscitative Thoracotomy: Results from the AAST Aorta Registry”

  • Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma, presented “Do Patients with Minimal Blunt Thoracic Aortic Injury (BTAI) Require TeVAR?”

  • David Feliciano, MD, Clinical Professor of Surgery, Program in Trauma, and Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma, were among 16 participating speakers in a short-course session “Trends, Updates and Controversies in Acute Care Surgery.” The session featured six “controversial” and current topics in trauma. Their topic “Technology and Vascular Trauma: Friends or Foes?”

  • David Feliciano, MD, Clinical Professor of Surgery, Program in Trauma, served as Moderator, and Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma, presented “Open vs Endovascular Approaches to Vascular Trauma—Complementary, not Competitive”

  • Sharon Henry, MD, Professor of Surgery, Program in Trauma, was one of five presenters on “Achieving and Maintaining a Diverse Workforce: Lofly Goals and Strategic Plans Are Not Enough!” Each speaker discussed what has been most successful in their experience

  • Sharon Henry, MD, Professor of Surgery; Jose Diaz, MD, Professor of Surgery; David Feliciano, MD, Clinical Professor of Surgery; and David Efron, MD, Professor of Surgery, all from the Program in Trauma, were among 13 speakers for a two-day Emergency Surgery Course

  • Rosemary Kozar, MD, PhD, Professor of Surgery, Program in Trauma, was one of seven presenters on “Cutting Edge Case Management in Trauma, ICU, and Emergency Surgery”

  • Peter Hu, PhD, Associate Professor, Department of Anesthesiology, presented “Comparison of Massive and Emergency Transfusion Prediction Scoring
Presentations, Events, Lectures & Workshops

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**Poster Presentations**

- **Maureen Black, PhD**
- **William Teeter, MD**
- **Grahya Guntur, ’21**
- **• Rogette Esteve**
- **• Sydney Radding, MD**

**Center/NY Presbyterian Hospital, New York, N.Y., during which she was a Chief Fellow in 2019 with an anticipated graduation in 2020.**

Resident PALS Tracks from 2016 to 2017. She followed this with a Neonatal-Perinatal Medicine Fellowship at Columbia University Medical Center/NY Presbyterian Hospital, New York, N.Y., from 2014 to 2017, during which she was a Chief Fellow in 2019.

- **Francesca Okolie, DO, MPH**

**J**, joined the Department of Pediatrics and the Division Neonatology on July 20, 2020. Dr. Okolie obtained her MD from University of Pennsylvania School of Medicine and holds a Master of Public Health from Mailman School of Public Health, Columbia University, New York, N.Y., in 2010. She did a Pediatrics Residency at University of Pittsburgh Medical Center Children's Hospital of Pittsburgh, Pittsburgh, Pa., from 2014 to 2017, during which she was a Chief Resident and a Consulting Psychiatrist.

**New Faculty**

We welcome our new faculty!

- **Francesca Okolie, DO, MPH**, joined the Department of Pediatrics and the Division Neonatology on July 20, 2020. Dr. Okolie obtained her Doctor of Osteopathic Medicine from Nova Southeastern University College of Osteopathic Medicine in Davie, Fla., in 2014. Dr. Okolie received a Master of Public Health from Mailman School of Public Health, Columbia University, New York, N.Y., in 2010. She did a Pediatrics Residency at University of Pittsburgh Medical Center Children's Hospital of Pittsburgh, Pittsburgh, Pa., from 2014 to 2017, during which she was a Chief Resident/PALS Tracks from 2016 to 2017. She followed this with a Neonatal-Perinatal Medicine Fellowship at Columbia University Medical Center/NY Presbyterian Hospital, New York, N.Y., during which she was a Chief Fellow in 2019 with an anticipated graduation in 2020.

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**Appointments**

We applaud our colleagues on their recent appointments!

- **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, has been appointed Associate Editor for Pediatric Obesity.
- **Laura Bontempo, MD, MEd**, Associate Professor, and George Willis, MD, Assistant Professor, both from the Department of Emergency Medicine, were named co-chairs of the American Academy of Emergency Medicine’s Scientific Assembly Planning Committee on October 1, 2020.
- **Jose Diaz, MD**, Professor, Department of Surgery, has been appointed the University of Maryland Medical Center (UMMC) Surgical Quality Officer (SQO). A relatively new role promoted by the American College of Surgeons, the “SQO leads efforts to establish and maintain the infrastructure and standards necessary to ensure that the surgical care provided within an institution is optimal and that all team members have the resources, tools, training, and competencies needed to provide safe, high-quality, cost-effective, and reliable care.” As SQO, Dr. Diaz will be responsible for building a surgical culture at UMMC focused on quality, safety, evidence-based and patient-centric care, and high-reliability organization principles across all surgical services lines. He will identify and implement targeted, data-driven, multidisciplinary initiatives aimed at improving patient care, efficiency, and the surgical patient experience and will serve as a key liaison to UMMC hospital administration, the Maryland Medicine Comprehensive Insurance Program (MMCIP), the Medical Executive Committee, SOM leadership and the UMMC Board of Directors. As SQO, Dr. Diaz will report directly to Mangla Gulati, MD, CPPS, FACP, SFHM, Chief Quality Officer, Associate Chief Medical Officer, and Vice President, Patient Safety and Clinical Effectiveness. Dr. Diaz holds a secondary appointment in the Department of Epidemiology & Public Health and is currently the President of the Maryland Chapter of the American College of Surgeons.
- **Jose Diaz, MD**
- **David Mallott, MD**
- **• David Mallott, MD**, formerly the Associate Dean of Medical Education and currently Adjunct Associate Professor, Department of Psychiatry, has been appointed Deputy Editor of the Journal of Nervous and Mental Disease, the world’s oldest independent scientific monthly in the field of human behavior which is housed in the Department of Psychiatry. Dr. Mallott is responsible for monthly podcasts with authors on hot topics and digital content of the journal.
- **David Mallott, MD**
- **• Rachel Skolky, PT, DPT, GCS**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, will be serving as Vice President of the Mid-Atlantic Consortium of Clinical Education for the term November 2020–November 2021.

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**Gulati, MD, CPPS, FACP, SFHM**, Chief Quality Officer, Associate Chief Medical Officer, and Vice President, Patient Safety and Clinical Effectiveness. Dr. Diaz holds a secondary appointment in the Department of Epidemiology & Public Health and is currently the President of the Maryland Chapter of the American College of Surgeons.

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Honors & Awards

Congratulations to the following who have received honors!

» Omer Awan, MD, MPH, CIIP, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, received the American Roentgen Ray Society’s 2021 Melvin M. Figley Fellowship in Radiology Journalism. Recipients of this award are given the opportunity to learn the fundamentals of medical writing, manuscript preparation and editing, peer review, the ethics of scientific journalism, and journal publication and printing through hands-on experience with the American Journal of Roentgenology Editor-in-Chief and production staff.

» Sonia Bansal, PhD, Instructor, Department of Psychiatry, was recently awarded a 2020 Young Investigators Grant by the Brain & Behavior Research Foundation (BBRF). The Young Investigators awards note those pursuing neurobiological and psychiatric research and is inclusive of basic, translational, and clinical researchers. The Foundation focuses on methods of treatments, cures, and preventative measures to promote overall mental wellbeing and productivity. Dr. Bansal’s project will focus on the development of information regarding the contributions of disruptions in corollary discharge to psychosis symptoms, a neural mechanism. Dr. Bansal will use a behavioral assessment in combination with evaluations of positive psychotic symptom and electrophysiology across two sensory modalities in hopes of verifying that corollary discharge disruptions are associated with quantified abnormalities in agency-related symptoms.

» Robert Gallo, MD, The Homer & Martha Gudelsky Distinguished Professor in Medicine, Director, Institute of Human Virology, received the Gertrude Elion Investigatorship Award at the 2021 Biophysical Society’s Annual Meeting. The next day, Dr. Gallo also was honored with the International Magna Graecia Prize, presented by the Magna Grecia Foundation during its 32nd Annual Meeting held on December 9, 2020. The Italian Prize, created in 1997 “has been bestowed to the most influential people who contributed to the promotion of Italianate in the world, to those who, through their own activities, have been committed to take Italian culture out of our national borders: Italians and Italians of origin who have embodied, in the most diverse sectors, the best qualities of our country.” Previous honorees include the President of the Argentine Republic Mauricio Macri, the Governor of the State of New York George Pataki, the Minister of Foreign Trade of Canada Sergio Marchi, and the Argentine Minister of Tourism Francisco Mayorga, among others.

» Davene Hinton, Department of Psychiatry, was recently awarded the 2020 Unsung Hero Award at the 32nd Annual Tuerc Conference on Mental Health & Addiction Treatment on September 10 by the Maryland Center of Excellence on Problem Gambling. Davene was recognized for her role as Program Assistant in working with Center staff and Maryland’s organizations and residents to connect them to Maryland Center of Excellence on Problem Gambling. Davene was recently awarded a 2020 Unsung Hero Award at the 32nd Annual Tuerc Conference on Mental Health & Addiction Treatment on September 10 by the Maryland Center of Excellence on Problem Gambling. Davene was recognized for her role as Program Assistant in working with Center staff and Maryland’s organizations and residents to connect them to Maryland Center of Excellence on Problem Gambling. Davene was recently awarded a 2020 Unsung Hero Award at the 32nd Annual Tuerc Conference on Mental Health & Addiction Treatment on September 10 by the Maryland Center of Excellence on Problem Gambling. Davene was recognized for her role as Program Assistant in working with Center staff and Maryland’s organizations and residents to connect them to the Center’s resources they need for problem gambling awareness, prevention, treatment, and recovery.

» Richard Lichenstein, MD, Professor, Department of Pediatrics, was awarded the 2020 Maryland Emergency Medical Services (EMS) for Children Award. The award is given to an adult or program that has demonstrated ongoing dedication and commitment to improving the care for children and for promoting family centered care in a Maryland EMS program or hospital.

» Brian Mathur, PhD, Associate Professor, Department of Pharmacology, and Director of Graduate Education for the Program in Neuroscience, was awarded the 2020 Dr. Mark E. Shirtliff PhD Student Mentor Award from the UMSOM Graduate Program in Life Sciences.

» Andrea Meredith, PhD, Professor, Department of Physiology, received the 2021 Biophysical Society Award in the Biophysics of Health and Disease, for her work on the new neuromuscular disorder, KCNMA1 Channelopathy. This award honors a Biophysical Society member who has made a significant contribution to understanding the fundamental cause or pathogenesis of disease, enabling the treatment or prevention. The award will be presented at the upcoming 2021 annual meeting of the Biophysical Society in February.

» Sydney Radding, MD, Visiting Instructor of Surgery, Program in Trauma, was awarded the Associate Member Oral and Paper Award for her abstract “A Pseudo-Dilemma: Are We Over-Diagnosing and Over-Treating Traumatic Splenic Intraparenchymal Pseudoaneurysms?” at the 79th annual meeting of the American Association for the Surgery of Trauma (AAST) and Clinical Congress of Acute Care Surgery in September 2020.

» Quincy Tran, MD, Assistant Professor, Department of Emergency Medicine, was named a Distinguished Reviewer of the Year by the Western Journal of Emergency Medicine on October 29, 2020, in recognition of his outstanding dedication and excellent service to the journal.

» Alexandra Vlk, an MD/PhD student in Dr. Stefanie Vogel’s Lab, was named as a Society for Leukocyte Biology Video Abstract Merit Finalist for her slide presentation, followed by a Q&A session, at their most recent society meeting.

» The American Association for the Surgery of Trauma held a Diversity & Inclusion Scholarship Essay Competition. Congratulations to the following:
  • Bethany Strong, MD, Visiting Instructor of Surgery, Program in Trauma, was awarded second prize for her essay “Equity and Inclusion in Acute Care Surgery: A Multifaceted Approach.” Her essay addressed diversity, equity and inclusion in surgical training, patient care provided and surgical leadership.
  • Pranaya Terse, Medical Student, was awarded first prize for her essay “Rethinking Diversity, Equity, and Inclusion in an Acute Care Surgery Setting.” Her essay addressed shifts in the global population and the growing underrepresented minority (URM) community in America, which has increased the number of culturally diverse patients entering acute care surgery wards. As a result, new policy goals were proposed to properly treat the rising number of URM patients at a standard equal to that of non-URM patients.

» The following Department of Emergency Medicine faculty members were named Top Doctors in Baltimore magazine’s November 2020 issue:
  • Michael Abraham, MD, Adjunct Assistant Professor, in the Emergency Medicine category
  • Amitabh Chandra, MD, Assistant Professor, in the Emergency Medicine category
  • Brian Corwell, MD, Assistant Professor, in the Emergency Medicine, Pediatric Sports Medicine, and Sports Medicine (Non-Surgical) categories
  • Jaron Santelli, MD, Assistant Professor, in the Emergency Medicine—Trauma and Sports Medicine (Non-Surgical) categories
  • Stephen Schenkel, MD, MPP, Associate Professor, in the Emergency Medicine category
  • Michael Winters, MD, Professor, in the Emergency Medicine—Trauma category
  • Brian Corwell, MD, Visiting Instructor of Surgery, Program in Trauma, was awarded the Associate Member Oral and Paper Award for her abstract “A Pseudo-Dilemma: Are We Over-Diagnosing and Over-Treating Traumatic Splenic Intraparenchymal Pseudoaneurysms?” at the 79th annual meeting of the American Association for the Surgery of Trauma (AAST) and Clinical Congress of Acute Care Surgery in September 2020.

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Honors & Awards  Continued

Each year the Surgical Critical Care Program Directors Society (SCCPDS) awards a Surgical Critical Care fellowship with its Excellence in Research Award. The Program in Trauma is proud to announce that the 2020 recipient is Howard Pryor, MD, for his abstract titled “Ending the Pain: A Function and Comfort Trauma Scored (FACTS) as an Alternative to the Numeric Pain Score.” Dr. Pryor was awarded $2,000 plus reimbursement to attend the virtual 2020 American College of Surgeons Congress. Three additional fellows were awarded an Honorable Mention and each awarded $1,000. They include Sydney Radding, MD, for her abstract titled “A Pseudo-Dilemma: Are We Over-Diagnosing and Over-Treating Traumatic Splenic Intraparenchymal Pseudoaneurysms?”, Sagare Dave, MD, for his abstract titled “Augmented Reality Display for Fiberoptic Intubation is Feasible, and Emily Esposito, DO, for her abstract titled “Incidence of Healthcare-Associated Infections in Patients with Fever During the First 48 hours After Decannulation.” The Program in Trauma would also like to recognize and thank the faculty collaborators.

Grants & Contracts

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

The National Center for School Mental Health (NCSMH) received the grant, “COVID-19 Response: Mental Health in Schools from the American Academy of Pediatrics” as a sub-award of their funded grant from the Centers for Disease Control & Prevention (CDC). The grant to DCAP/NCSMH is $200,000 per year. Jill Bohnenkamp, PhD, Clinical Assistant Professor, is the Principal Investigator, with Sharon Hoover, PhD, Professor, Nancy Lever, PhD, Associate Professor, and Cindy Scheaffer, PhD, Associate Professor, all from the Department of Psychiatry, as additional investigators. The project aims to expand the Training, Education, Assistance, Mentoring, and Support (TEAMS) model, a CDC-funded successful learning collaborative model, which supports school districts to overcome barriers by engaging in a systematic, planned process to improve health services. Participating school district teams will be guided through a process to engage stakeholders and foster partnerships to support improvements in comprehensive school mental health services. The NCSMH team will also conduct the evaluation of the project.

Alan Cross, MD, Professor, Department of Medicine, was awarded $2.1 million on September 24, 2020 from Nosocomial Vaccine Corporation, for “Development of a Multivalent Vaccine to Prevent Invasive-Mold S&b.”

Matthew Frieman, PhD, Associate Professor, Department of Microbiology & Immunology has been awarded two new grants. 1) Department of Homeland Security/National Biodfense Analysis and Countermeasures Center (DHS/NBACC): “Engineering and Validation of Reporter Cell Lines for SARS-CoV-2” 2) Emergent Biosolutions: “Evaluation of COVID-Human Immunoglobulin Dose Ranging Efficacy in Mouse Model of SARS-CoV-2.”

Isabel Jackson, PhD, Associate Professor, Department of Radiation Oncology, was awarded a one-year $30,035 subcontract to National Institute of Allergy and Infectious Diseases (NIAID) HHSN27220180012C grant from Innovation Pathways LLC for “Acute Radiation-Induced Lung Injury in the Rhesus Macaque and its Treatment by IPW-5371, a Small Molecule Inhibitor of TGFβ Receptor-1 Kinase” ($30,035, one-year). She also received a one-year $297,637 award from Eagle Pharmaceuticals for ‘A Pilot Study to Assess Therapeutic Efficacy for Ryanodex to Improve 30-day Survival Versus the Vehicle Control in Total Body Irradiated Mice (C57BL/6), Non-GLP.”

Karen Kotloff, MD, Professor, Department of Pediatrics, was awarded $5.4 million from the National Institute of Allergy and Infectious Diseases (NIAID) for “Moderna-VTEU/IDCR-Phase III Vaccine Trial-Modification.”

Robert McCann, PhD, Postdoctoral Fellow, Department of Pediatrics, was awarded $668,103.00 on September 15, 2020 from the National Institutes of Health (NIH) for “K01 Fogarty Impact of Malaria Vector Diversity on Intervention Strategies.”

Michelle Sharrell, PhD, Professor, and Rebecca Miller Brozman, PhD, MPH, Professor, Department of Epidemiology & Public Health, received a one-year $569,876 NIH R56 grant for “Methods to Test Lifestyle, Vaginal Microenvironment and Genitourinary Symptoms Across Menopause Transition.” The goal of this project is to develop and apply statistical methods to assess the longitudinal association between lifestyle, the vaginal microenvironment, and genitourinary symptoms across menopause transition.

Marc Simard, MD, PhD, the Dr. Biazan Aarabi Professor in Neurotrauma, Department of Neurosurgery, was awarded a $100,000 grant from the Kahlert Foundation to study “Glyburide as a Novel Treatment for COVID-Positive Patients with Severe Inflammatory Lung Disease.” The Kahlert Foundation also funds ongoing research for Dr. Simard related to neuropathic pain.

Samuel Tisherman, MD, Professor of Surgery, Program in Trauma, and Adam Puche, PhD, Professor, Department of Anatomy and Neurobiology, are Co-PI’s on a $998,132 grant awarded by the Department of Defense (DOD) for “Medic Surgical Technical Assistance Tool (mSTAT) Development and Testing.”

R. Gentry Wilkerson, MD, Associate Professor, Department of Emergency Medicine, received approval in early October 2020 to begin enrolling subjects in a new clinical trial assessing Regeneron’s monoclonal antibody cocktail for the treatment and prophylaxis of COVID-19. He has partnered with Joel Chua, MD, Assistant Professor, Department of Emergency Medicine, and Shivakumar Narayan, MBBS, MD, Assistant Professor, Department of Medicine, as principal investigators of three clinical trials assessing Regeneron’s monoclonal antibody cocktail for the treatment of COVID-19 in hospitalized and ambulatory patients as well as for prophylaxis to prevent infection in people exposed to COVID. The studies were approved to enroll as of the beginning of October.
Elizabeth Clayborne, MD, MA, Adjunct Assistant Professor, Department of Emergency Medicine:
- Reached the finals of the Ignite Healthcare Network’s pitch competition as the People’s Choice winner on October 29, 2020. Dr. Clayborne was pitching a novel epistasis device, Bleed Freeze, and representing her medical device startup company, Emergency Medical Innovation, LLC.

Dana Cunningham, PhD, Adjunct Assistant Professor, Department of Psychiatry, was featured in the Maryland Community Health Resources Commission’s newsletter in an article entitled “Prince George’s School Mental Health Initiative Receives a CHRC COVID-19 Emergency Relief Grant to Expand Telemental Health Services to Students in Prince George’s County.” In the article, Dr. Cunningham discusses the purchase and distribution of emergency provisions while schools are shut down.

On August 24, Sharon Hoover, PhD, Professor, Co-Director, National Center for School Mental Health (NCSMH), and Director, NCTSN Center for Safe Supportive Schools, along with Ashley Woods, LCSW-C, Senior Clinician at the UMSOM School Mental Health Program, both from the Department of Psychiatry, were interviewed for WYPR’s On the Record. Sheila Kast, the show’s host, asked about the unique mental health challenges facing students today in the contexts of COVID-19, racism, and virtual learning. Dr. Hoover and Ms. Woods shared expertise from research and professional experiences on how students both nationally and in Baltimore are handling the current stressors.

David Marcozzi, MD, Associate Professor, Department of Emergency Medicine, was interviewed and quoted in the following news items:
- A story on the increase in coronavirus cases in the region since the end of September on DC’s WAMU 88.5 on October 12, 2020.
- “Coronavirus Cases in DC and Maryland Have Been on the Rise Since Late September” on DCist October 12, 2020.
- “Maryland Medical Experts Challenged by Public Skepticism of COVID-19 Vaccine” on Maryland Matters on October 29, 2020.
- “State Leaders Grapple with COVID-19 Vaccine Challenges, Even before Vaccine Exists” on Baltimore’s WYPR 88.1 on October 29, 2020.

Kathleen Neuzil, MD, MPH, FIDSA, the Myron M. Levine, MD, DTPH Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, Wilbur Chen, MD, MS, Professor; and Kristen Lyke, MD, Professor, both from the Department of Medicine, were mentioned in a Rolling Stone article on inside the race to end the COVID-19 pandemic on October 1, 2020.

Gloria Reeves, MD, Associate Professor, Department of Psychiatry, was interviewed for the article, “Mobilizing the Troops: University of Maryland Research Teams Respond to COVID19 Pandemic.” Dr. Reeves was featured for her work with Co-PI Aniket Bera, PhD, Assistant Research Professor, University of Maryland Institute for Advanced Computer Studies (UMIACS), on their grant that involves the study of artificial intelligence strategies to help child behavioral health providers improve caregiver engagement, particularly in rural Maryland communities. Drs. Reeves and Bera will collect data, including speech patterns and facial expressions, to help better engage patients.

J Kathleen Tracy, PhD, Professor, Department of Epidemiology & Public Health, was featured in an article entitled “Higher Education Should Lead the Efforts to Reverse Structural Racism: Colleges and Universities Have a Special Role to Play in Making Sure America’s Prosperity is Accessible to All,” in The Atlantic on October 24, 2020.

Michael Winters, MD, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, Critical Care Perspectives in Emergency Medicine, episode “Electrical Storm,” which was published October 20, 2020.
Hats off to those who have been published!

Clement Adebamowo, BM, ChB, ScD, FWACS, FACS, Professor of Epidemiology & Public Health, Division of Epidemiology and Prevention and Associate Director of Population Science, the Marlene and Stewart Greenebaum Comprehensive Cancer Center, is an author of “High Depth African Genomes Inform Human Migration and Health,” which was published in Nature on October 29, 2020.

Sally Adebamowo, MBBS, MSc, ScD, Assistant Professor, Department of Epidemiology & Public Health, was a co-author of “High-Depth African Genomes Inform Human Migration and Health,” which was published in the October 2020 issue of Nature. She was also co-author of “Vaginal Microbiota Diversity and Paucity of Lactobacillus Species Are Associated with Persistent HPV Infection in HIV Negative But Not in HIV Positive Women,” which was published in Scientific Reports on November 5, 2020.

Jennifer Albrecht, PhD, Associate Professor, Department of Epidemiology & Public Health, was co-author of “CPAP Adherence Reduces Cardiovascular Risk Among Older Adults with Obstructive Sleep Apnea,” which was published in Sleep Breath on November 3, 2020.

Omer Awan, MD, MPH, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “The Role of Imaging Biomarkers Derived from Advanced Imaging and Radiomics in the Management of Brain Tumors,” which was published in Frontiers in Oncology on September 23, 2020. Separately, Dr. Awan, along with Casey McRoy, MD; Lakir Patel, MD; Durga Sivacharan Gaddam, MD; Steven Rothenberg, MD; Allison Herring, MD; Jacob Hamm, MD; Lydia Chelala, MD; Joseph Weinstein, MD, and Elana Smith, MD, all residents from the Department of Diagnostic Radiology and Nuclear Medicine, at the time of writing, were the authors of “Radiology Education in the Time of COVID-19: A Novel Distance Learning Workstation Experience for Residents,” which was published in Academic Radiology on October 27, 2020.

Kathryn Barry, PhD, MPH, Assistant Professor, Department of Epidemiology & Public Health, was a co-author of “Prostate Cancer Cohort Consortium (PC3) Working Group: Recommended Definitions of Aggressive Prostate Cancer for Etiologic Epidemiologic Research,” which was published in the Journal of the National Cancer Institute on October 3, 2020.

Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl; MD Professor in Pediatrics; Erin Hager, PhD, Associate Professor; and Yan Wang MBBS, DrPH, Associate Professor; all from the Department of Pediatrics, were co-authors of “Pediatric Obesity Prevention: A Two-Generation Randomized Attention-Controlled Trial,” which was published in Maternal & Child Nutrition on September 14, 2020. Separately, Dr. Black and Angela Trude, PhD, Postdoctoral Fellow, Department of Pediatrics, were co-authors of “All Children Thrive: Integration of Nutrition and Early Childhood Development,” which was published in the Annual Review of Nutrition on September 23, 2020.

Brandon Bruns, MD, Associate Professor of Surgery and Chief of Trauma at UMD Prince George’s Hospital Center, was among the co-authors of “Perceptions of Equity and Inclusion in Acute Care Surgery: From the #EAST4ALL Survey,” which was published in The Journal of Trauma and Acute Care Surgery on October 15, 2020.

Donna Calu, PhD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Pituitary-Adrenal Axis Mediates Ambient PM2.5 Sensitivity of Sign- and Goal-Tracking Rats,” which was published in Frontiers in Behavioral Neuroscience on November 5, 2020.


Qi Cao, BM, PhD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the authors of “Hypothalamic-Pituitary-Adrenal Axis Mediates Ambient PM2.5 Exposure-Induced Pulmonary Inflammation,” which was published in Ecotoxicology and Environmental Safety on October 16, 2020.

Linda Chang, MD, MS, (first author) Professor, Department of Diagnostic Radiology and Nuclear Medicine, and Hua Jun Liang, MBBS, PhD, Postdoctoral Fellow, were among the authors of “Independent and Combined Effects of Nicotine or Chronic Tobacco Smoking and HIV on the Brain: A Review of Preclinical and Clinical Studies,” which was published in the Journal of Neuroimmune Pharmacology on October 27, 2020.

Rong Chen, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Evaluation of Contrast-Enhanced Computed Tomography for the Differential Diagnosis of Hypovascular Pancreatic Neuroendocrine Tumors from Chronic Mass-forming Pancreatitis,” which was published in the October 2020 issue of European Journal of Radiology.

Cristina DeCesaris, MD, Resident; Ariel Pollock, MD, Resident; Baosheng Zhang, PhD, Assistant Professor; Yannick Poirier, PhD, Assistant Professor; Emily Kowalski, MD, Assistant Professor; Mark Mendenhall, MD, Associate Professor; and Elizabeth Nichols, MD, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “Hypovascular Pancreatic Neuroendocrine Tumors from Chronic Mass-forming Pancreatitis,” which was published in the October 2020 issue of European Journal of Radiology.

Donna Calu, PhD
authors of “Assessing the Need for Adjusted Organ-at-Risk Planning Goals for Patients Undergoing Adjuvant Radiation Therapy for Locally Advanced Breast Cancer with Proton Radiation,” which was published in Practical Radiation Oncology on October 15, 2020.

- Everly Conway de Macario, PhD, and Alberto Macario, PhD, both Adjunct Professors, Department of Microbiology and Immunology, co-authored “A Novel CCT5 Missense Variant Associated with Early Onset Motor Neuropathy,” which was published in the International Journal of Molecular Science.

- Eric Friedman, MD, 2020 Residency Graduate; Garrett Cavaliere, DO, Resident; and Diane Kuhn, MD, PhD, Assistant Instructor, Department of Emergency Medicine, were the authors of “SAEM [Society of Academic Emergency Medicine] Clinical Image Series: Knee Pain,” which was published in the Academic Life in Emergency Medicine Blog on October 19, 2020.

- Matthew Frieman, PhD, Associate Professor, Department of Microbiology and Immunology, co-authored “NYX-Cov2773 Vaccine Protects Cynomolgus Macaque Upper and Lower Airways Against SARS-CoV-2 Challenge,” which was published in Vaccine.

- 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 Acute Stroke and M2 Occlusion,” which was published in the Journal of NeuroInterventional Surgery on October 19, 2020.

- Aaron Greenblatt, MD, Assistant Professor; Annabelle Belcher, PhD, Assistant Professor; Devang Gandhi, MBBS, MD, Adjunct Professor; and Eric Weintraub, MD, Professor, all from the Department of Psychiatry, along with Jessica Magidson, PhD, Assistant Professor, Department of Psychology, were the authors of “Overdue for an Update: The Development of a Model for Suicide Attemptation,” which was published in Mayo Clinic Proceedings.

- Daniel Haase, MD, Assistant Professor; Kimberly Boswell, MD, Assistant Professor; and Quincy Tran, MD, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Care Intensity of Spontaneous Intracranial Hemorrhage: Effectiveness of the Critical Care Resuscitation Unit,” which was published in the American Journal of Emergency Medicine on October 28, 2020.

- Samar Hajj, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the first author of “Potential Use of Rubidium-82 PET to Differentiate Neoplasms from Inflammatory Lesion: Case Report,” which was published in the Journal of Nuclear Cardiology on October 19, 2020.

- Kim Hankey, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Successful Transfer of Anti-SARS-CoV-2 Immunity Using Convalescent Plasma in an MM Patient with Hypogammaglobulinemia and COVID-19,” which was published in the October 2020 issue of Blood Advances. She was also among the authors of “Chimeric Antigen Receptor T-cell Therapy after Allogeneic Stem Cell Transplant for Relapsed/Refractory Large B-Cell Lymphoma,” which was published in the British Journal of Haematology on November 10, 2020.

- Robert Haupt, Graduate Student; James Logue, Graduate Student; Marisa McGrath, Graduate Student; Stuart Weston, PhD, Postdoctoral Fellow; and Matthew Frieman, PhD, Associate Professor, Department of Microbiology and Immunology, were co-authors of “First-in-Human Trial of a SARS-CoV-2 Recombinant Spike Protein Nanoparticle Vaccine,” which was published in the New England Journal of Medicine. Additionally, the graduate students, along with Dr. Frieman, co-authored “Comparative Host-Coronavirus Protein Interaction Networks Reveal Pan-Viral Disease Mechanisms,” and “Studies in Humanized Mice and Convalescent Humans Yield a SARS-CoV-2 Antibody Cocktail,” both of which were published in Science.

- Jon Hirshon, MD, MPH, PhD, Professor, Department of Emergency Medicine, was among the authors of:
  - “Analysis of Emergency Department Disposition and Odds of Secondary Transport for Pediatric Patients Transported by Emergency Medical Services,” which was published in Pediatrics on July 1, 2020
  - “Emergency Medicine in Egypt,” which was published in the Journal of Emergency Medicine on August 1, 2020
  - “Tracking the Rise of Geriatric Emergency Departments in the United States,” which was published in the Annals of Emergency Medicine on September 1, 2020
  - “EDSC: Working to Improve Emergency Department Care of Individuals with Sickle Cell Disease,” which was published in the Annals of Emergency Medicine on September 1, 2020
  - “Alcohol Availability, Cost, Age of First Drink and Association with At-Risk Alcohol Use in Moshi, Tanzania,” which was published in Alcoholism: Clinical and Experimental Research on September 17, 2020.

- Miroslaw Janowski, MD, PhD, Associate Professor, and Piotr Walczak, MD, PhD, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Endovascular Model of Ischemic Stroke in Swine Guided by Real-Time MRI,” which was published in the October 2020 issue of Scientific Reports.

- Gregory Jasani, MD, Resident; Reem Alfaalasi, MB, ChB, Resident; Garrett Cavaliere, DO, Resident; and Benjamin Lawner, DO, EMT-P, Assistant Professor, all from the Department of Emergency Medicine, were among the authors of “Terrorists Use of Ambulances for Terror Attacks: A Review,” which was published in Prehospital and Disaster Medicine on October 28, 2020.

- Pratap Karki, DSci, Assistant Professor, Anna Birukova, MD, Professor, both from Department of Medicine, and Konstantin Birukov, MD, PhD, Professor, Department of Anesthesiology, were among the co-authors of “Extracellular Histones in Lung Dysfunction: A New Biomarker and Therapeutic Target?” which was published in Pulmonary Circulation on October 13, 2020.

- Deanna Kelly, PharmD, BCPP, Professor; Max Spaderna, MD, Assistant Professor; Vedrana Hodzic,
Publications Continued

Miriam Laufer, MD, Assistant Professor; Fang Liu, MS; and Shuo Chen, PhD, Associate Professor, all from the Department of Psychiatry, along with Anne Werkeiser, BA, were authors of “Blinded Clinical Ratings of Social Media Data are Correlated with In-Person Clinical Ratings in Participants Diagnosed with Either Depression, Schizophrenia, or Healthy Controls,” which was published in Psychiatry Research.

Antony Koroukakis, MD, and Cristina DeCesaris, MD, both Residents from the Department of Radiation Oncology, were among the authors of “Long-term Outcomes of a Prospective Randomized Trial of 113mCs/125I Permanent Prostate Brachytherapy,” which was published in Brachytherapy on October 12, 2020. Separately, Dr. Koroukakis, along with Amit Sawant, PhD, Associate Professor, and Pranshu Mohindra, MD, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “Proton Therapy for Thoracic Malignancies: A Review of Oncologic Outcomes,” which was published in Expert Reviews in Anticancer Therapy on October 29, 2020.

Emily Kowalski, MD, Assistant Professor; Kai Sun, Statistician; Gregory Alexander, MD, Resident; Hua-Ren Cherg, Medical Student; Yannick Poirier, PhD, Assistant Professor; Naru Lamichhane, PhD, Assistant Professor; Stewart Becker, PhD, Assistant Professor; Shifeng Chen, PhD, Associate Professor; Jason Molitoris, MD, PhD, Assistant Professor; Young Kwok, MD, Professor; William Regine, MD, FACR, FACRO, the Isadore & Fannie Schneider Foxman Chair in Radiation Oncology; and Mark Mishra, MD, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “Immune Checkpoint Inhibition in Patients Treated with Stereotactic Radiation for Brain Metastases,” which was published in Radiation Oncology on October 27, 2020.

Hannah Lane, PhD, Postdoctoral Fellow, and Erin Hager, PhD, Associate Professor, Department of Pediatrics, were co-authors on “Leveraging Implementation Science in the Transfer Phase Prior to a Lateral Choice and Neuromuscular Determinants of Weight Transfer Phase Prior to a Lateral Choice Reaction Step in Older Adults,” which was published in the Journal of Electromyography and Neurological Function.

Marcel Lanza, PhD, Postdoctoral Fellow; Vicki Gray, MPT, PhD, Assistant Professor; and Odessa Addison, DPT, PhD, Assistant Professor, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Kinetic, Muscle Structure, and Neuromuscular Determinants of Weight Transfer Phase Prior to a Lateral Choice Reaction Step in Older Adults,” which was published in the Journal of Physiology and Kinesiology.

Miriam Laufer, MD, Professor, Department of Pediatrics; Robert McCann, PhD, Postdoctoral Fellow; Lauren Cohee, MD, Instructor; and Jessy Goupeyou-Youmso, were co-authors of “Maximizing Impact: Can Interventions to Prevent Clinical Malaria Reduce Parasite Transmission?” which was published in Trends Parasitol on September 8, 2020.

Jay Magaziner, PhD, MSHyg, Professor and Chair, Department of Epidemiology & Public Health, were co-authors of “Effect of a Multifactorial Fall Injury Prevention Intervention on Patient Well-Being: The STRIDE Study,” which was published in the Journal of the American Geriatrics Society on October 9, 2020.

Amal Mattu, MD, Professor, Department of Emergency Medicine, was sole author of “Aortic Dissection: Still the Great Masquerader,” which was published in Medicape Emergency Medicine Viewpoints on September 9, 2020.

Robert Miller, MD, Professor, Department of Radiation Oncology, was the co-author of “Advances in Radiation Oncology in 2020,” which was published in Advances in Radiation Oncology on October 29, 2020.

Jason Molitoris, MD, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Hypofractionated Proton Beam Radiotherapy in Patients with Unresectable Liver Tumors: Multi-Institutional Prospective Results from the Proton Collaborative Group,” which was published in Radiation Oncology on November 4, 2020. Separately, Dr. Molitoris, Emily Kowalski, MD, Assistant Professor; Cristina DeCesaris, MD, Resident; Byung Yong Yi, PhD, Professor; Baoshu Zhang, PhD, Assistant Professor; Andrea Hall, Senior Dosimetrist; and William Regine, MD, FACR, FACRO, the Isadore & Fannie Schneider Foxman Chair in Radiation Oncology, all from the Department of Radiation Oncology, were among the authors of “Spatially Fractionated Radiotherapy (GRID) Prior to Standard Neoadjuvant Conventionally Fractionated Radiotherapy for Bulky, High-Risk Soft Tissue and Osteosarcomas: Feasibility, Safety, and Promising Pathologic Response Rates,” which was published in Radiation Research on October 16, 2020.

Kathy Neuzig, MD, MPH, FIDSA, the Myron M. Levine, MD, DTPH Professor in Vaccinology and Director, Center for Vaccine Development and Global Health, was among the authors of “Safety & Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults,” which was published in the New England Journal of Medicine on September 20, 2020.

Erin O’Connor, MD, Assistant Professor, Department of Radiation Oncology in 2020,” co-author of “Advances in Nuclear Medicine, was the first author of “Differential Effects of an AIDS Defining Illness and Chronic HIV Infection on Gray Matter Volume,” which was published in Clinical Infectious Diseases on October 14, 2020.

Giovanni Oppizzi, PhD Student and Research Fellow; Chunyang Zhang, MD, Postdoctoral Fellow; Kyung Koh, PhD, Postdoctoral Fellow; and Li-Qun Zhang, PhD, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, was the first author of “Differential Effects of an AIDS Defining Illness and Chronic HIV Infection on Gray Matter Volume,” which was published in Clinical Infectious Diseases on October 14, 2020.

Robert Miller, MD

Robert Miller, MD

Kathy Neuzig, MD, MPH, FIDSA

Erin O’Connor, MD

Erin O’Connor, MD

Giovanni Oppizzi, PhD Student and Research Fellow; Chunyang Zhang, MD, Postdoctoral Fellow; Kyung Koh, PhD, Postdoctoral Fellow; and Li-Qun Zhang, PhD, Professor; all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Biomechanical Comparison of Distal Femoral Fracture Fixation: Analysis of Non-Locked, Locked, and Far-Cortical Locked Constructs,” which was published in the Journal of Orthopaedic Research.

Denise Owg, PhD, Professor, and Jay Magaziner, PhD, MSHyg, Professor and Chair, both from the Department of Epidemiology & Public Health,
co-authored “Biomarkers Associated with Physical Resilience after Hip Fracture,” which was published in The Journals of Gerontology, Series A, Biological Sciences and Medical Sciences on September 25, 2020.

» John Papadimitriou, MD, PhD, Professor, and Cinthia Drachenberg, MD, Professor, both from the Department of Pathology, along with Abdolezza Haririan, MD, PhD, Professor, and Valeriu Cebotaru, MD, Assistant Professor, both from the Department of Medicine were co-authors of “Tubular Epithelial and Peritubular Capillary Endothelial Injury in COVID-19 AKI,” which was published in the November 2020 issue of Kidney International Reports.

» Yannick Poirier, PhD, Assistant Professor; Stewart Becker, PhD, Assistant Professor; Cristina DeCesaris, MD, Resident; Andrew Gerry, Research Medical Physicist; Allison Gibbs, Research Specialist; Zeljko Vojaskovic, MD, PhD, Professor, and Isabel Jackson, PhD, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “The Impact of Radiation Energy on Dose Homogeneity and Organ Dose in the Göttingen Minipig Total-Body Irradiation Model,” which was published in Radiation Research on October 12, 2020.

» Daniel Prantner, PhD, Research Associate (first author), Shereem Nallar, PhD, Research Associate; and Stefanie Vogel, PhD, Professor (last author), all from the Department of Microbiology and Immunology, were authors of “The Role of RAGE in Host Pathology and Crosstalk and Immunology, were authors of “The Role of RAGE in Host Pathology and Crosstalk,” which was published in The Journals of Gerontology, Series A, Biological Sciences and Medical Sciences on September 25, 2020.

» William Regine, MD, FACR, FACRO, the Isadore & Fannie Schneider Foxman Chair in Radiation Oncology, Department of Radiation Oncology, was among the authors of “Beyond the Dermis: High-Risk Invasive Squamous Cell Carcinoma: A Retrospective Review,” which was published in Wound Care on October 2, 2020.

» Katharina Richard, PhD, Research Associate; Kari Shirey, PhD, Assistant Professor; Archana Gopalakrishnan, PhD, Postdoctoral Fellow; Daniel Prantner, PhD, Research Associate; Darren Perkins, PhD, Associate Professor; Wendy Lai, Laboratory Research Specialist; Alexandra Vik, MD/PhD Student; Vladimir Toshchakov, PhD, Associate Professor; and Stefanie Vogel, PhD, Professor, all from the Department of Microbiology and Immunology, co-authored “A Mouse Model of Human TLR4 D299G/T399I SNPs Reveals Mechanisms of Altered LPS and Pathogen Responses,” which was published in the Journal of Experimental Medicine.

» Mohan Suntha, MD, MBA, Professor, Department of Radiation Oncology, President and CEO, University of Maryland Medical System, was among the authors of “Resection Following Concurrent Chemotherapy and High-Dose Radiation for Stage IIIA Non-Small Cell Lung Cancer,” which was published in the November 2020 issue of the Journal of Thoracic Cardiovascular Surgery.

» Mohan Suntha, MD, MBA, Professor, Department of Radiation Oncology, President and CEO, University of Maryland Medical System, was among the authors of “Resection Following Concurrent Chemotherapy and High-Dose Radiation for Stage IIIA Non-Small Cell Lung Cancer,” which was published in the November 2020 issue of the Journal of Thoracic Cardiovascular Surgery.

» Simeon Taylor, MD, PhD, Professor, Department of Medicine, was author of “The High Cost of Diabetes Drugs: Disparate Impact on the Most Vulnerable Patients,” which was published in Diabetes Care on October 1, 2020. He also was one of two authors of “Smarter Modeling to Enable a Smarter Insulin,” which was published in Diabetes on August 1, 2020.

» Oliver Voss, PhD, Research Associate; Joseph Gillespie, PhD, Assistant Professor; Mohammed Rahman, PhD, Assistant Professor; and Abdu Azad, PhD, MPH, Professor, all from the Department of Microbiology and Immunology, co-authored “Risk I, a Phosphatidylinositol 3-Kinase Effector, Promotes Rickettsia Typhi Intracellular Survival,” which was published in mBio on June 11, 2020.

» Ze Wang, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “Brain Entrophy Mapping in Healthy Aging and Alzheimer’s Disease,” which was published in Frontiers in Aging Neuroscience on November 10, 2020.

» Stuart Weston, PhD, Postdoctoral Fellow; Krystal Matthews, Laboratory Research Specialist; Marisa McGrath, Graduate Student; James Logue, Graduate Student; and Matthew Friedman, PhD, Associate Professor, all from the Department of Microbiology and Immunology, co-authored “The SKI Complex is a Broad-Spectrum, Host-Directed, Antiviral Drug Target for Coronavirus, Influenza and Filoviruses,” which was published in Proceedings of the National Academy of Sciences of the United States of America.

» Jill Whitall, PhD, Professor Emerita, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Contraction Phase and Force Differentially Change Motor Evoked Potential Recruitment Slope and Interhemispheric Inhibition in Young Versus Old,” in Frontiers in Human Neuroscience.

» Emerson Wickwire, PhD, Associate Professor, Departments of Psychiatry and Medicine, was lead author of “CPAP Adherence Reduces Cardiovascular Risk among Older Adults with Obstructive Sleep Apnea,” which was accepted for publication in Sleep and Breathing on October 27, 2020.

» Yujie Zhang, PhD, Associate Professor, Department of Epidemiology & Public Health, was co-author of “Recovery of Atrial Contractile Function after Cut-and-Sew Maze for Long-Standing Persistent Valvular Atrial Fibrillation,” which was published in the International Journal of Cardiology on September 10, 2020. Additionally, Dr. Zhang was the co-author of “The Effect of Screening and Treatment of Ureaplasma Urealyticum Infection on Semen Parameters in Asymptomatic Leukocytospermia: A Case-Control Study,” which was published in BMC Urology on October 22, 2020.

» Twenty-two current and 11 former faculty of the School of Medicine and Program in Trauma authored...
publications

Continued

Megan Quintana, MD
• Thomas Scalea, MD
Operative Techniques, 2nd Edition
chapters for
Paulesh Shah, MD
• Jay Menaker, MD
• Joseph DuBose, MD, Clinical Professor, Program in Trauma.
“Cervical Vascular Injuries: Techniques.” Chapter 16, 405-421
• Benjamin Moran, MD, Katherine Kelly, MD, former faculty; and James O’Connor, MD, Professor of Surgery, Program in Trauma. “Thoracic Vascular Injuries: Techniques.” Chapter 17, 423-446
• David Feliciano, MD, Clinical Professor of Surgery, Program in Trauma. “Abdominal Vascular Injuries: Techniques.” Chapter 18, 447-468
• Rishi Kundi, MD, Assistant Professor of Surgery, Program in Trauma. “Endovascular Therapy in Trauma.” Chapter 19, 469-498
• Stephen Varga, MD, former faculty. “Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA).” Chapter 20, 499-517
• Sharon Henry, MD, Professor of Surgery, Program in Trauma and Habeeba Park, MD, Assistant Professor of Surgery, Program in Trauma. “Extremity Fasciotomies.” Chapter 21, 521-558
• Matthew Bradley, MD, Clinical Professor of Surgery, Program in Trauma. “Treatment of Pelvic Fractures.” Chapter 22, 559-585

Management of specific injuries
• Jerry Sperry, Elizabeth Guardini, MD, Assistant Professor, Department of Otorhinolaryngology-Head & Neck Surgery, Grace Snow; Kirsten Meenan; David Feliciano, MD, Clinical Professor, Department of Surgery, Program in Trauma, is one of the founding editors as well as co-author of three chapters. Rosemary Kozar, MD, PhD, Professor of Surgery, Program in Trauma, is one of six Associate Editors as well as a chapter co-author.

Generalized approaches to the traumatized patient
• Ron Samet, MD, Assistant Professor of Anesthesiology; Justin Richards, MD, Assistant Professor of Anesthesiology; and Ian Slade, MD “Principles of Anesthesia and Pain Management in Trauma Patients.” In Trauma, 9th edition. Chapter 20, 409-426

• Twelve UMSOM faculty contributed to the Ninth Edition of TRAUMA. David Feliciano, MD, Clinical Professor, Department of Surgery, Program in Trauma, is one of the founding editors as well as co-author of three chapters. Rosemary Kozar, MD, PhD, Professor of Surgery, Program in Trauma, is one of six Associate Editors as well as a chapter co-author.

Generalized approaches to the traumatized patient
• Ron Samet, MD, Assistant Professor of Anesthesiology; Justin Richards, MD, Assistant Professor of Anesthesiology; and Ian Slade, MD “Principles of Anesthesia and Pain Management in Trauma Patients.” In Trauma, 9th edition. Chapter 20, 409-426

Management of specific injuries
• Jerry Sperry, Elizabeth Guardini, MD, Assistant Professor, Department of Otorhinolaryngology-Head & Neck Surgery, Grace Snow; Kirsten Meenan; David Feliciano, MD, Clinical Professor, Department of Surgery, Program in Trauma. “Neck and Larynx.” In Trauma, 9th edition. Chapter 25, 521-542
• Joseph DuBose, MD, Clinical Professor of Surgery, Program in Trauma. “Endovascular Commentary.” In Trauma, 9th edition. Chapter 25, 542-543
• Jamie Coleman; Frederick Pieracci, MD; Joseph DuBose, MD, Clinical Professor, Department of Surgery; Thomas Scalea, MD, Professor; and James O’Connor, MD, Professor, Department of Surgery, Program in Trauma. “Chest Wall and Lung.” In Trauma, 9th edition. Chapter 28, 567-587
• Joseph Dubose, MD, Clinical Professor; Thomas Scalea, MD, Professor; and James O’Connor, MD, Professor; from the Department of Surgery, Program in Trauma. “Thoracic Vascular Injuries: Techniques.” Chapter 12, 303-325
• David Feliciano, MD, Clinical Professor of Surgery, Program in Trauma. “Thoracic Vascular Injuries: Techniques.” Chapter 12, 327-351
• Carlos Rodriguez, MD, former faculty. “Stomach, Small Bowel, and Colon Injuries: Techniques.” Chapter 14, 353-380
• Margaret Lauerman, MD, Assistant Professor of Surgery, Program in Trauma, and Stacy Shackelford, MD, former faculty. “Trauma of the Kidney, Urerter, and Bladder: Techniques.” Chapter 15, 381-402

• Joseph DuBose, MD, Clinical Professor, Program in Trauma.
“Cervical Vascular Injuries: Techniques.” Chapter 16, 405-421
• Benjamin Moran, MD, Katherine Kelly, MD, former faculty; and James O’Connor, MD, Professor of Surgery, Program in Trauma. “Thoracic Vascular Injuries: Techniques.” Chapter 17, 423-446
• David Feliciano, MD, Clinical Professor of Surgery, Program in Trauma. “Abdominal Vascular Injuries: Techniques.” Chapter 18, 447-468
• Rishi Kundi, MD, Assistant Professor of Surgery, Program in Trauma. “Endovascular Therapy in Trauma.” Chapter 19, 469-498
• Stephen Varga, MD, former faculty. “Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA).” Chapter 20, 499-517
• Sharon Henry, MD, Professor of Surgery, Program in Trauma and Habeeba Park, MD, Assistant Professor of Surgery, Program in Trauma. “Extremity Fasciotomies.” Chapter 21, 521-558
• Matthew Bradley, MD, Clinical Professor of Surgery, Program in Trauma. “Treatment of Pelvic Fractures.” Chapter 22, 559-585

Management of specific injuries
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