Katharine Bisordi, MS, was “Functional Electrical Stimulation (FES):” invited presenter. The title of his presentation was “Hands-on Application for the Physical Therapist.”

At the Annual Fall Meeting of the American Physical Therapy Association of Maryland, which was held in November 2019, the following Department of Physical Therapy and Rehabilitation Science faculty were sworn into seats on the Board of Directors:

- Vice President: Roy Film, PT, DPT, OCS, FAAOMPT, Assistant Professor
- Secretary: Rachel Skolky, PT, MSPT, DPT, GCS, Assistant Professor
- Director for Practice: Mike Zarro, PT, DPT, SCS, Assistant Professor
- Nominating Committee: Cara Felter, PT, DPT, MPH, Assistant Professor

Gad Alon, PT, DPT, PhD, Assistant Professor, and Christa Nelson, PT, DPT, PhD, OCS, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, taught a continuing education course on November 9, at the American Physical Therapy Association of Maryland Annual Fall Meeting. The course was titled, “Musculoskeletal Ultrasound Imaging: Hands-on Application for the Physical Therapist.”

Odessa Addison, DPT, PhD, Assistant Professor, and Carla Nelson, PT, DPT, PhD, OCS, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, taught a continuing education course on November 9, at the American Physical Therapy Association of Maryland Annual Fall Meeting. The course was titled, “Dual Oxidase 2 (DUOX2) Recruits Macrophages and Sensitizes Human Gastric Cancer Cells to Low Dose Radiation.”

Vincent Conroy, PT, DScPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, along with José Rios Russo, MD, PM&R Chief Resident, Sinai Hospital, coordinated a workshop for PM&R residents at Sinai Hospital, Baltimore, on October 30. Dr. Conroy also presented “Anatomical Review of the Spine and Lumbar Spinal Plexus: Clinical Implications.”

What’s the Buzz?

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

- The School Health Assessment and Performance Evaluation (SHAPE) system is a free online platform that allows individuals, schools, districts, and states to assess, improve, and support their school mental health systems. The National Center for School Mental Health team developed and operates this platform, which has representation from all 50 states. Recently, SHAPE went through an overhaul based on input from national experts and stakeholders. The revised system includes improved national performance standards, custom reports and strategic planning guides, resources, and a screening and assessment library in one streamlined location.

- The Department of Radiation Oncology held its annual Radiation Oncology Symposium: Best of 2019 event on January 9, 2020 in Leadership Hall. The course provided nearly 100 attendees from the University of Maryland and across the United States with useful information on recent changes and innovations in technology and treatment modalities. This included the latest developments in treating genitourinary, head & neck, central nervous system/pediatric, gynecologic, gastrointestinal, breast, and thoracic cancers and lymphoma.

- At the Annual Fall Meeting of the American Physical Therapy Association of Maryland, which was held in November 2019, the following Department of Physical Therapy and Rehabilitation Science faculty were sworn into seats on the Board of Directors:
  - Vice President: Roy Film, PT, DPT, OCS, FAAOMPT, Assistant Professor
  - Secretary: Rachel Skolky, PT, MSPT, DPT, GCS, Assistant Professor
  - Director for Practice: Mike Zarro, PT, DPT, SCS, Assistant Professor
  - Nominating Committee: Cara Felter, PT, DPT, MPH, Assistant Professor

- Gad Alon, PT, PhD, Associate Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, presented at the 2019 China Rehabilitation Technology and Assistive Appliance Innovation Convention as an invited presenter. The title of his presentation was “Functional Electrical Stimulation (FES): On the Road to Personalized Intervention.”

- Katharine Bisordi, MS, MGC, CGC, Instructor, Department of Pediatrics, presented a poster at the 2019 NSGC Annual Education Conference, held in Salt Lake City, Utah, in November 2019. The topic of her presentation was “Training Program Development and Clinical Continual Quality Improvement: A Telegenetics Success Story.” In addition, Ms. Bisordi, gave a presentation at UM Shore Regional Health Cancer Center about genetics and hereditary cancer. Her presentation was also featured in the Star Democrat.

- Nusringh Biswal, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Machine Learning to Diagnose Common Diseases Based on Symptoms,” at the Springer 4th International Conference on Data Management, Analytics & Innovation (ICDMAI-2020), on January 18, 2020 in New Delhi, India.

- Jill Bohnenkamp, PhD, Clinical Assistant Professor, Sharon Hoover, PhD, Associate Professor; and Samantha Reaves, PhD, Postdoctoral Fellow, all from the Department of Psychiatry, led an exciting kick-off meetings in Arizona and Rhode Island as part of their National Quality Initiative on School Health Services in October 2019. They partnered with state leaders from the Departments of Education and Behavioral Health to guide five school districts in strategic planning to advance school mental health.

- France Carrier, PhD, Professor, Department of Radiation Oncology, presented a lecture at the 65th Annual meeting of the Radiation Research Society, Symposium 7-DNA Repair, Immunity and Inflammation, held in San Diego, Calif, on November 3. The topic of her talk was “Dual Oxidase 2 (DUOX2) Recruits Macrophages and Sensitizes Human Gastric Cancer Cells to Low Dose Radiation.”

- Elizabeth Clayborne, MD, MA, Adjunct Assistant Professor, Department of Emergency Medicine, and co-leader of the health policy interest group, organized a Baltimore Washington Transforming Health Policy Forum Mixer, focused on health care plans in the 2020 election, on January 24, 2020.

- Kyle Fischer, MD, Clinical Assistant Professor, also from the Department of Emergency Medicine, hosted. Held in Silver Spring, Md., the forum is a collaborative between the Departments of Emergency Medicine at the University of Maryland, the George Washington University, and Georgetown University, with a mission to gather local clinicians and providers with interests in health policy for discussion and networking on controversial issues.

- Vincent Conroy, PT, DScPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, along with José Rios Russo, MD, PM&R Chief Resident, Sinai Hospital, coordinated a workshop for PM&R residents at Sinai Hospital, Baltimore, on October 30. Dr. Conroy also presented “Anatomical Review of the Spine and Lumbar Spinal Plexus: Clinical Implications.”

- Wilbur Chen, MD, MS, Associate Professor of Medicine, Center for Vaccine Development and Global Health (CVD), was the keynote speaker of a session at the 2019 World Conference on Access to Medical Products: Achieving the SDGs 2030, on November 19 in New Delhi, India. The title of his talk was “Controlled Human Infection Models for Promoting Regulatory Approval.” The meeting was co-sponsored by WHO-India and the India Ministry of Health & Family Welfare.
Rachel Gore, ScM, CCC: An invited speaker at the 2019 Solutions Summit: Policies to Address Acute Pain and Opioid Addiction in America, in Washington, D.C. Dr. Film presented, “Physical Therapy: An Evidence-Based Pain Management Approach to Limiting Opioid Consumption” and took part in a panel discussion regarding Evidence-Based Approaches to Limiting Posturgical Opioid Consumption.

Javed Mahmood, PhD: Assistant Professor, Department of Radiation Oncology, presented a lecture on “Creating Safe, Supportive and Trauma-Informed Schools,” for the Australian Psychological Society Psychologists in Schools, for the Special Interest Group. The webinar was attended by hundreds of psychologists across Australia. Dr. Hoover also conducted a two-day training on Supporting Transition Resilience of Newcomer Students (STRONG), a school-based intervention for immigrants and refugees to promote school safety and research findings from a multi-tiered comprehensive preventive intervention to promote school safety and research findings from a two-year randomized controlled trial of the intervention funded through the National Institute of Justice’s Comprehensive School Safety Initiative.

Richard Zhao, PhD: Associate Professor, Department of Physical Therapy and Rehabilitation, presented “Rehabilitation of a Collegiate Lacrosse Player with Bilateral Extensor Carpi Ulnaris Tendinopathy” at the American Academy of Orthopaedic Surgeons Annual Meeting in Miami Beach, Fla., September 17. The topic of his talk was “RhoA/ROCK Pathway Inhibitor Ameliorates Radiation-Induced Erectile Dysfunction in Rats.”

Sharon Hoover, PhD: Associate Professor, Department of Psychiatry, provided a webinar on November 19 on “Creating Safe, Supportive and Trauma-Informed Schools,” for the Australia Psychological Society Psychologists in Schools Special Interest Group. The webinar was attended by hundreds of psychologists across Australia. Dr. Hoover also conducted a two-day training on Supporting Transition Resilience of Newcomer Students (STRONG), a school-based intervention for immigrants and refugees to promote resilience and reduce psychological distress. The training was held in Toronto, Ontario in October 2019. Separately, Dr. Hoover presented to the U.S. Department of Health and Human Services, Maternal and Child Health Bureau, Behavioral Health Workgroup on the topic of “Comprehensive School Mental Health Systems and School Safety,” on December 3.
Grants & Contracts

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

- Nariman Balenga, PhD, Assistant Professor, Department of Surgery, received a four-year, $1,232,228 grant from National Institute of General Medical Sciences (NIGMS/NIH) for “Mechanisms of Activation, Signaling and Trafficking of Adhesion GPCRs GPR64 and GPR56.”
- Wilbur Chen, MD, MS, Associate Professor of Medicine, and Karen Kotloff, MD, Professor of Pediatrics, both from the Center for Vaccine Development and Global Health (CVD), were funded $2,671,955 by the Bill and Melinda Gates Foundation in partnership with Institut Pasteur (a non-profit research organization in Paris, France) to conduct a Phase 2 study of the efficacy of a Shigella vaccine. The clinical trial agreement was fully executed on December 28.
- Niel Constantine, PhD, Professor of Pathology, Institute of Human Virology, has been awarded $606,524 for two years from Family Health International (FHI360) for “Leadership Group for the Infectious Diseases Comprehensive Cancer Center (IDCRCLG).”
- Isabel Jackson, PhD, Associate Professor, Department of Radiation Oncology, received a contract from Varian Research, pursuant to a Research Program Framework Agreement for “A Pilot Efficacy Study of Total Body Irradiation-Induced Bone Marrow Suppression and Gastrointestinal Injury Following Ultrahigh Dose Rate Proton vs Conventional Proton Therapy,” with $162,989 in funding for one year. Separately, Dr. Jackson received a research contract from BioIncept, LLC for “Development of a Novel Therapy for Mitigation of the Irradiation-Induced Gastrointestinal Syndrome,” with $58,491 in funding for one year.
- Karen Kotloff, MD, Professor of Pediatrics, Center for Vaccine Development and Global Health (CVD), received an award from the National Institute of Allergy and Infectious Diseases (NIAID/NIH) that renews the contract for the University of Maryland School of Medicine to serve as part of the Vaccine and Treatment Evaluation Network (VTEU). This funding provides for up to $29 million among the nine VTEU sites over the next seven years for a total of up to $203 million in potential contracts among the nine VTEU sites.
- Dr. Kotloff was also awarded $1.9 million from the Bill and Melinda Gates Foundation as a supplement for the Chile Health and Mortality Prevention Surveillance (CHAMPS) research program.
- Javed Mahmood, PhD, Assistant Professor, and Aded Kaiser, MD, Assistant Professor, both from the Department of Radiation Oncology, received a one-year, $466,000 grant from NewG Lab Pharma, USA for “Elucidation of Pharmacokinetics and Anti-Tumor Effects of 38P Drug.” Dr. Mahmood also received a one-year, $70,000 grant from Greenebaum Comprehensive Cancer Center for “RhoA/ROCK Pathway Inhibition to Ameliorate Radiotherapy-Induced Erectile Dysfunction (RIED) for Prostate Cancer Patients.”
- Archibald Mixson, MD, Professor, Department of Pathology, received a four-year, $1,716,327 RO1 grant from the National Institute of Biomedical Imaging and Bioengineering (NIBIB/NIH) for “Developing Nanoplexes for RNAi-expressing Plasmids.”
- Kathleen Neuzil, MD, MPH, FIDSA, The Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics and the Director of the Center for Vaccine Development and Global Health (CVD), received a seven-year, $19,202,774 grant from the National Institute of Allergy and Infectious Diseases (NIAID/NIH) for “Leadership Group for the Infectious Diseases Comprehensive Research Consortium (IDCRCLG).”
- Dario Rodrigues, PhD, Assistant Professor, Department of Radiation Oncology, will serve as the Principal Investigator under a collaborative research agreement with Pyrxvar Medical, Inc., for “Theoretical and Experimental Investigations Involving Electromagnetic and Thermal Modeling, Treatment Planning, and Testing of a Hypothermia Applicator to Treat Brain Cancer,” with $61,433 in funding for one year.
- Melissa Vyfhuis, MD, PhD, Visiting Assistant Professor, Department of Radiation Oncology, was awarded an American Cancer Society/Internal UMMC Grant for Disparities (ACS-IRG) for “Effects of Food Deserts on Cancer Care and Outcomes,” with $30,000 in funding for one year.
- Kelly Westlake, PhD, MSc, PT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, in collaboration with Next Step Robotics and Jill Whitall, PhD, Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, received a one-year, $100,000 Maryland Industrial Partnerships (MIPS) grant for “Instrumented Bilateral Arm Trainer with Actuation.” The overall objective of this project is to develop and test a low-cost and patient/therapist accepted, instrumented, and impedance-controlled modular bilateral arm trainer to improve function after stroke.

Patents

We applaud the innovators among us!

- Myron Levine, MD, DTPH, The Simon and Bessie Grossman Distinguished Professor of Medicine, Associate Dean for Global Health, Vaccinology and Infectious Diseases; James Galen, PhD, Professor, Department of Medicine; and Eileen Barry, PhD, Professor, Department of Medicine, were awarded a patent from India for “Attenuated Salmonella Enterica Serovar Paratyphi A and Uses Thereof,” which expires on February 24, 2030.
- Jeremy Polf, PhD, Associate Professor, Department of Radiation Oncology, along with co-inventors in Baltimore, Houston, and South Africa, were granted a U.S patent #10502845832 for “Techniques for Producing an Image of Radioactive Emissions Using a Compton Camera,” effective December 10, 2019.
Brian Browne, MD, FACEP, Professor and Chair, Department of Emergency Medicine, was bestowed the title of Chairman Emeritus at the Boy Scouts of America Baltimore Area Council’s 26th Annual Health Services Leadership Award Luncheon on November 12.

Dan Covey, PhD, Assistant Professor, and Natalie Zlebnik, PhD, Assistant Professor, both from the Department of Anatomy and Neurobiology, were recipients of travel awards from the American College of Neuropsychopharmacology (ACNP). The travel award provides funds for travel, housing, and registration costs for the 58th annual meeting in Orlando, Fla., and an automatic invitation to attend the ACNP annual meeting for the next four years.

Steven Czinn, MD, the Dr. Rouben and Violet Jiji Endowed Professor of Pediatrics and Chair, Department of Pediatrics, is one of 20 individuals and businesses that were recognized for their “significant impact on Pathfinders for Autism’s growth and development of the last 20 years.” The 20 for 20 honorees were honored on January 30, 2020 in Hunt Valley, Md.

Emilie Deichsel, PhD, Postdoctoral Fellow, received an early career development award from the Thrasher Research Fund to study the effect of azithromycin as mediated by the microbiome changes on rotavirus vaccine immunogenicity in Malia.

Michael Grasso, MD, PhD, FACP, FAMIA, Assistant Professor, Department of Medicine, has been awarded the designation of Fellow of the American Medical Informatics Association (FAMIA) on November 20 at the FAMIA Annual Fall Symposium.

Habelaa Park, MD, Assistant Professor, Department of Surgery, Program in Trauma, was honored on October 15 with the Stop the Bleed Champion for the State of Maryland appointment. This appointment is for an indefinite term. Separately, Dr. Park was selected as the Chair of the Dissemination and Outreach Workgroup for Stop the Bleed by the American College of Surgeons, Committee on Trauma. Dr. Park will assume this role March 2020.

Michael Shipley, PhD, the Donald E. Wilson Distinguished Professor, Department of Anatomy and Neurobiology, was elected as an American Association for the Advancement of Science (AAAS) Fellow in recognition of his achievements in advancing science. The induction ceremony was held at the 2020 AAAS Annual Meeting in Seattle Wash., on February 15, 2020.

Sharon Tennant, PhD, Associate Professor of Medicine, and Shannon Takula-Harrison, PhD, Associate Professor of Medicine, both from the Center for Vaccine Development and Global Health (CVD), were awarded the American Society of Tropical Medicine and Hygiene’s (ASTMH) Bailey K. Ashford Medal. The award was given at the ASTMH annual meeting in November 2019.

New Faculty

We welcome our new faculty!

Youssef Anous, MD, Research Fellow, joined the Department of Emergency Medicine as the newest member of the clinical research team in November 2019. Dr. Anous comes from Beirut, Lebanon, where he graduated from medical school at the American University of Beirut. He also spent some time in Baltimore in 2016 as an observer in the Department of Vascular Surgery at the University of Maryland Medical Center and Mount Sinai Hospital.

Paul Buehler, PharmD, PhD, joined the Department of Pathology as a Professor in December 2019. Dr. Buehler comes to the University of Maryland School of Medicine from the Federal Research Center within the U.S. Food and Drug Administration. Dr. Buehler also holds an adjunct appointment with the Department of Cardiology, Cardiovascular and Pulmonary Research Group at the University of Colorado, Denver, Anschutz Medical Campus. Dr. Buehler is an international leader in the hemoglobin field and will be directing at least one of the CB02TH cores to facilitate plans for a pharmacology and toxicology GLP platform for novel therapeutics related to the CB02TH and Translational Radiation Sciences (TRS) programs.

Joseph Cleary, PsyD, joined the Departments of Psychiatry and Pediatrics as an Assistant Professor in January 2020. Dr. Cleary will be part of the Division of Behavioral Health and Developmental Pediatrics. He will also lead the neuropsychological clinic. Dr. Cleary received his degree at the Institute for Graduate Clinical Psychology, Widener University, Chester, Pa., in 2011. He did a predoctoral internship at Widener University with rotations at the Center for Neurology and Neurodevelopmental Health and the Clinical Research Center of New Jersey from July 2010 to June 2011. He followed this with a postdoctoral fellowship at Mt. Washington Pediatric Hospital, Baltimore, Md. in the Department of Psychology and Neuropsychology from August 2011 to September 2013.

Ben Lawner, DO, EMTP, joined the Department of Emergency Medicine as an Adjunct Assistant Professor in January 2020. Dr. Lawner was previously the Medical Director for a critical care transport program affiliated with the Allegheny Health Network. In his new role, he will provide medical oversight for Maryland ExpressCare, which incorporates flight, adult, and pediatric transport teams.

Shehal Patel, MD, MHS, FAAP, joined the Department of Pediatrics and the Hospitalist Division, as an Assistant Professor in September 2019. Dr. Patel received his medical degree from the University of Medicine and Dentistry of New Jersey in 1995. He obtained his master of health science degree from Johns Hopkins School of Public Health in 2006 and completed an internship at Duke University Medical Center in 1996. Dr. Patel completed a General Pediatrics Residency at Duke University Medical Center in 1998 and followed this with a Pediatric Critical Care Fellowship at New York Presbyterian, the University Hospital of Columbia and Cornell, which he completed in 2000.

Matthew Witek, MD, MS, joined the Department of Radiation Oncology as a Proton Fellow and Maryland Proton Treatment Center Affiliate Physician for Maryland Oncology Hematology in November 2019. Dr. Witek received a master’s degree in clinical pharmacology from Thomas Jefferson University and his medical degree from Jefferson Medical College, with a residency in radiation oncology at Thomas Jefferson University Hospital. He comes to Maryland from the Department of Radiation Oncology at the University of Wisconsin–Madison where he served as an assistant clinical professor and assistant residency program director. His research has received funding through the National Cancer Institute–directed SPORE initiative, resulting in primary and co-investigator roles in several prospective clinical trials. In addition, Dr. Witek will serve in leadership roles on several national professional and oversight committees.

Christine Yang, MD, joined the Department of Pediatrics and the Hospitalist Division, as an Assistant Professor in February 2020. Dr. Yang received her medical degree from the University of Connecticut School of Medicine in 2014. She did a pediatric internship and residency at the University of Connecticut at Connecticut Children’s Medical Center from 2014 to 2017. She is also a member of the American Academy of Pediatrics.
Appointments

We applaud our colleagues on their recent appointments!

- Roy Film, PT, MPT, DPT, OCS, FAAOMPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been appointed to serve a third term as a member of the Specialization Academy of Content Experts (SACE) of the Orthopaedic Specialty Council for the American Board of Physical Therapy Specialties. He will be extending his service through December 31, 2021 and will continue to write exam items for the OCS, SCS, and NCS examinations.

- Kathleen Neuizil, MD, MPH, FIDSA, The Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health (CVD), was named a member of the Scientific Advisory Committee, 15th International Conference on Diarrheal Disease & Nutrition (ASCODD), Dhaka, Bangladesh, January 28–29, 2020.

- E. Albert Reece, MD, PhD, MBA, the John Z. and Akiko K. Bowers Distinguished Professor, the Executive Vice President for Medical Affairs, UM Baltimore, and Dean of the School of Medicine, has been appointed Associate Editor of the American Journal of Obstetrics & Gynecology for Diabetes, Obesity, and Metabolism.

- Bradley Taylor, MD, MPH, Professor, Department of Surgery, has been appointed Co-chair of the Postgraduate Committee for the Southern Thoracic Surgical Association (STSA). Dr. Taylor will serve a three-year term.

- Jean Yard, MD, Associate Professor, Department of Medicine, has been promoted from Assistant to Associate Professor of Medicine as of July 2019.

In the Media

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

- Gregory Jasani, MD, Resident, Department of Emergency Medicine, was co-author of “The Dangers of Being a Doctor: Threatened by Those Who Seek Help,” an op-ed on workplace violence which was published in the Baltimore Sun on January 3, 2020.

- Sarah Schmalzle, MD, Assistant Professor of Medicine, Institute of Human Virology, was interviewed by Jeff Salkin from Maryland Public Television (MPT) on December 6, 2019 about “Your Health: HIV and AIDS in our Community”

- George Willis, MD, Assistant Professor, and Rupal Jain, MD, Clinical Instructor, both from the Department of Emergency Medicine, were featured in the December 2019 EMCast, a monthly podcast hosted by Amal Mattu, MD, Professor, also from the Department of Emergency Medicine. Dr. Willis shared his lecture on aortic dissection from October’s The Crashing Patient conference held in Baltimore, and Dr. Jain shared pearls and pitfalls regarding discharge instructions.

- Michael Winters, MD, Professor, Department of Medicine, was among the discussants in the twice-monthly podcast, Critical Care Perspectives in Emergency Medicine, episodes:
  - “Amniotic Fluid Embolism,” on December 11, 2019
  - “Benzodiazepine-Refractory Status Epilepticus—Which Drug Is Second-Line?” on December 27, 2019
  - “A Year in Review: Key Articles From the 2019 Critical Care Literature,” on January 6, 2020

In addition, Dr. Winters was among the discussants in the November 11, 2019 podcast episode, “The PrePARE Trial—Do IVFs Prevent Peri-Intubation CV Collapse?”

In this episode, the doctors discussed Janz et al.’s recent article in Lancet Respiratory Medicine, “Effect of a Fluid Bolus on Cardiovascular Collapse Among Critically Ill Adults Undergoing Tracheal Intubation (PrePARE): A Randomised Controlled Trial.”

Community Service

Thanks to those who selflessly donate their time, talent and resources. Your goodwill does not go unappreciated.

- Effective January 1, 2020, the Marlene & Stewart Greenebaum Comprehensive Cancer Center will become a member of the Big Ten Cancer Research Consortium. The Big Ten cancer centers have united to transform the conduct of cancer research through collaborative, hypothesis-driven, highly translational oncology trials that leverage the scientific and clinical expertise of Big Ten universities. The goal of the Big Ten Cancer Research Consortium is to create a unique team-research culture to drive science rapidly from ideas to new approaches to cancer treatment. Within this innovative environment, today’s research leaders collaborate with and mentor the research leaders of tomorrow with the unified goal of improving the lives of all patients with cancer. Together, the Big Ten cancer centers:
  • support the work of 2,600 cancer researchers,
  • care for more than 50,000 new cancer patients each year, and
  • enroll 20,000 patient volunteers on cancer clinical trials.

- Since the tragic shooting at Sandy Hook Elementary School on December 14, 2013, Sharon Hoover, PhD, Associate Professor, Department of Psychiatry, has been working with Newtown Public Schools and the Connecticut Department of Children and Families to support statewide implementation of trauma treatment in schools. On November 22, Dr. Hoover had the privilege of training Ms. Hope Bray, school social worker in Newtown, to become a trainer for the National Child Traumatic Stress Network on Bounce Back, an elementary school intervention for trauma-exposed students.
Nariman Balenga, PhD
Abena Akomeah, MD
of the
Rehabilitation Science, published a short com-
Emergency Medicine
Michael Abraham, MD, Adjunct Assistant Professor, Department
of Emergency Medicine, was among the authors of “The Emergent Evaluation and Treatment of Hand and Wrist Injuries: An Update,” which was published in the February 2020 issue of Emergency Medicine Clinics of North America.

Abena Akomeah, MD, Adjunct Assistant Professor, Department of Emergency Medicine, was lead author of “Emergency Medicine Registrar Training in Africa: Overview of Programmes, Faculty and Sustainability,” which was published in Emergency Medicine Journal on January 7, 2020. In addition, Dr. Akomeah was second author of “Emergency Medicine Residency Training in Africa: Overview of Curriculum,” which was published in BMC Medical Education on July 31, 2019.

Gad Alon, PT, PhD, Associate Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, published a short communication article in the December 2019 issue of the Journal of Novel Physiotherapies titled, “Obstetric Brachial Plexus Injury (OBPI): Is Functional Electrical Stimulation (FES) a Viable Intervention Option?”

Nariman Balenga, PhD
Assistant Professor, Department of Surgery, was among the co-authors of “Spatial Regulation of GPR64/ADGRG2 Signaling by β-arrestins and GPCR Kinases,” which was published in the November 2019 issue of the Annals of the New York Academy of Sciences. Separately, Dr. Balenga was among the co-authors of “The Expanding Functional Roles and Signaling Mechanisms of Adhesion G Protein-Coupled Receptors,” which was published in the same issue.

Stewart Becker, PhD
Assistant Professor; Shifeng Chen, PhD, Associate Professor; Yannick Poirier, PhD, Assistant Professor; Elizabeth Nichols, MD, Associate Professor; and Byong Yi, PhD, Professor, all from the Department of Radiation Oncology, were among the authors of “Development and Validation of a Comprehensive Patient-Specific Quality Assurance Program for a Novel Stereotactic Radiation Delivery System for Breast Lesions,” which was published in the December 2019 issue of the Journal of Applied Clinical Medical Physics.

Michael Billet, MD, and Andy Windsor, MD, both Assistant Professors from the Department of Emergency Medicine, were the authors of “Uriney Retention,” which was published in the November 2019 issue of Emergency Medicine Clinics of North America.

Konstantin Birukov, MD, PhD, Anesthesiology Endowed Professor in Entrepreneurial Research, Professor of Anesthesiology, was among the authors of “Converting Effects of Stored Allogeneic Red Blood Cells and Their Supernatants on 2 Permeability and Inflammatory Responses in Human Pulmonary Endothelial Cells,” which was published in the American Journal of Physiology—Lung Cellular and Molecular Physiology on January 8, 2020.

Nrusingsh Biswal, PhD
Assistant Professor, Department of Radiation Oncology, was the lead author of “In Vivo Longitudinal Imaging of RNA Interference-Induced Endocurine Therapy Resistance in Breast Cancer,” which was published in the January 2020 issue of the Journal of Biophotonics. In addition, Dr. Biswal was among the authors of “Nonmedicine: Development and Challenges in Cancer Treatment,” which was published in the American Journal of Biomedical Science and Research on November 25, 2019.

Mary Bollinger, DO, Professor, Department of Pediatrics, was among the co-authors of “Factors Associated with Reduced Time Lapse of Medication Fills in Uncontrolled Childhood Asthma,” which was published in Annals of Allergy Asthma and Immunology on November 22, 2019.

Michael Bond, MD, FACEP, FAAEM, Associate Professor, Department of Emergency Medicine, was one of two guest editors of the February 2020 issue of Emergency Medicine Clinics of North America, which focused on orthopedic emergencies. In addition, Dr. Bond and George Willis, MD, Assistant Professor, also from the Department of Emergency Medicine, were the authors of “Risk Management and Avoiding Legal Pitfalls in the Emergency Treatment of High-Risk Orthopedic Injuries,” which was published in the same issue.

James Borrelli, PhD, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Protective Arm Movements Are Modulated with Fall Height,” which was published in the Journal of Biomechanics on January 23, 2020.

Donna Cai, PhD, Assistant Professor, Department of Anatomy and Neurobiology, was a senior author of “Effects of Limited and Extended Pavlovian Training on Devaluation Significance of Sign-and Goal-Tracking Rats,” which was accepted for publication in Frontiers in Behavioral Neuroscience on January 7, 2020.

Wan-Tsu W. Chang, MD, Assistant Professor; Quincy Tran, MD, Assistant Professor; and Jay Menacker, MD, Associate Professor, all from the Department of Emergency Medicine, were among the authors of “Comparison of Outcomes After Treatment of Large Vessel Occlusion in a Critical Care Resuscitation Unit or a Neurocritical Care Unit,” which was published in Neurocritical Care on August 26, 2019.

Rong Chen, PhD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Pancreatic Ductal Adenocarcinoma: Machine Learning-Based Quantitative Computed Tomography Texture Analysis for Prediction of Histopathological Grade,” which was published in Cancer Management and Research on October 30, 2019.

Wilbur Chen, MD, MS, Associate Professor of Medicine, and Karen Kotloff, MD, Professor of Pediatrics, both from the Center for Vaccine Development and Global Health (CVD), were among the authors of “High-Titer Reports on Shigella Controlled Human Infection Model: Conduct of Studies,” and “Consensus Report on Shigella Controlled Human Infection Model: Clinical Endpoints,” which were published in Clinical Infectious Diseases on December 9, 2019. Separately, Dr. Chen and Myron Levine, MD, DTPH, the Simon and Bessie Grollman Distinguished Professor, Associate Dean for Global Health, Vaccinology and Infectious Diseases, were among the authors of “Immune Responses to O-Specific Polysaccharide (OSP) in North American Adults Infected with Vibrio Cholerae O1 Inaba,” which was published in PLoS Neglected Tropical Diseases on November 19, 2019.

T. Michael Creed, PhD Candidate; Rajkumar Baldeosingh, MSC, PhD Candidate; Christian Eberly, Laboratory Research Technician; Caroline Schlier, Medical Student; MinJung Kim, PhD, Research Associate; Curt Civin, MD, Associate Dean for Research, and...
Michael Dimyan, MD

November 2019 issue of the Journal of Emergency Medicine, were among the co-authors of “The PAX-SIX-Machine,” which was published in the January 2020 issue of the Journal of Vascular Surgery.

Daniel Haase, MD

Professor, Department of Emergency Medicine, was among the authors of “Ultrastratigraphic Inferior Vena Cava Diameters Response to Trauma Resuscitation After 1 Hour Predicts 24-Hour Fluid Requirement,” which was published in the Journal of Trauma and Acute Care Surgery on January 2020. In addition, Dr. Hasse along with Quincy Tran, MD, Assistant Professor, also from the Department of Emergency Medicine, were among the authors of “Critical Care and Critical Care Providers’ Perception About the Use of Bedside Ultrasound for Confirmation of Above-Diaphragm Central Venous Catheter Placement,” which was published in the January 2020 issue of Critical Care Medicine; and “Prophylactic Antibiotics for Anterior Nasal Packing in Emergency Department: A Systematic Review and Meta-Analysis of Clinically-Significant Infections,” which was published in American Journal of Emergency Medicine on November 30, 2019.

Edward Herskovits, MD

Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Medical Image Analysis: Human and Machine,” which was published in the January 2020 issue of Academic Radiology.

Marc Hochberg, MD

MPH, Professor, Department of Medicine, was first author of "Effect of Intra-Articular Sprifermin vs Placebo on Femorotibial Joint Cartilage Thickness in Patients with Osteoarthritis: The FORWARD Randomized Clinical Trial," which was published in the Journal of American Medicine Association on October 9, 2019.

Kamal Hu, MD

Assistant Professor, Department of Emergency Medicine, was among the authors of "Female Nonobstetric Genitourinary Emergencies," which was published in the November 2019 issue of the American Journal of Emergency Medicine.

Miroslaw Janowski, MD, PhD

Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Biomarker Application for Precision Medicine in Stroke,” which was published in the Journal of Vascular Surgery.

Jean Jeudy, MD

Professor, Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Optimization of Osmotic Blood-Brain Barrier Opening to Enable Intravital Microscopy Studies on Drug Delivery in Mouse Cortex,” which was published in the Journal of Controlled Release.

Charles White, MD

Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the authors of “Ultrasonic Characterization of Grafts and their Surroundings,” which was published in the Journal of Vascular Surgery.
2019 issue of Current Treatment Options in Cardiovascular Medicine. Dr. Jeudy was also a co-author of “Predictors of Recovery in Patients Supported with VA-ECMO for Acute Massive Pulmonary Embolism,” which was published in the Annals of Thoracic Surgery on December 14, 2019. Dr. White was also a co-author of “Appraising the Integral Role of the Electronic Health Record and Tracking Software in the Implementation of Lung Cancer Screening: A Perspective from the National Lung Cancer Roundtable,” which was published in Chest on December 23, 2019. He also was a co-author of “Computed Tomography Diagnosis of Patent Ductus Arteriosus Endarteritis and Septic Pulmonary Embolism,” which was published in Korean Circulation Journal on December 3, 2019.

Dongwon Kim, PhD. Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “A Robust Impedance Controller Design for Series Elastic Actuators Using the Singular Perturbation Theory,” which was published in IEEE/ASME Transactions on Mechatronics on November 7, 2019.

Hong Kim, MD, MPH. Assistant Professor, Department of Emergency Medicine, was lead author of “The Role of Take-Home Naloxone in the Epidemic of Opioid Overdose Involving Illicitly Manufactured Fentanyl and Its Analogs,” which was published in the June 2019 issue of Expert Opinion on Drug Safety. Separately, Dr. Kim was among the authors of “Clinical Utility of Venoarterial-Extracorporeal Membrane Oxygenation (VA-ECMO) in Patients with Drug-Induced Cardiogenic Shock: A Retrospective Study of the Extracorporeal Life Support Organization’s ECMO Case Registry.” The abstract was presented at the 39th Congress of the European Association of Poisons Centres and Clinical Toxicologists in Naples, Italy, in May 2019, and the full article was published in Clinical Toxicology on October 16, 2019. In the same journal, Dr. Kim was among the authors of “Packed Naloxone Administration for Suspected Opioid Overdose in the Era of Illicitly Manufactured Fentanyl: A Retrospective Study of Regional Poison Center Data.” The abstract was presented at the 50th North American Congress of Clinical Toxicology in Chicago in October 2018, and the full article was published in Clinical Toxicology on May 16, 2019.

Anthony Koroulakis, MD. Resident; Osman Siddiqui, MD. Resident; Jason Molitoris, MD, PhD, Assistant Professor; and Adeel Kaiser, MD, Assistant Professor, all from the Department of Radiation Oncology, were among the authors of “The Utility of PET/Computed Tomography for Radiation Oncology Planning, Surveillance, and Prognosis Prediction of Gastrointestinal Tumors,” which was published in PET Clinics on October 19, 2019.

Emily Kowalski, MD. Resident; Justin Cohen, MD, Resident; Patrick Vadinia, Senior Dosimetrists; Mark Mishra, MD, Associate Professor; Jason Molitoris, MD, PhD, Assistant Professor; Elizabeth Nichols, MD, Associate Professor; and James Snider, III, MD, Assistant Professor, all from the Department of Radiation Oncology, were among the authors of “Optimal Target Delineation and Treatment Techniques in the Era of Conformal Photon and Proton Beam and Regional Nodal Irradiation: Breast Nodal Optimal Target Delineation,” which was published in Practical Radiation Oncology on November 28, 2019.

Narottam Lamichhane, PhD. Assistant Professor, Department of Radiation Oncology, was the lead author of “Expanding the Reach of Medical Physics: Immunotherapy Should Be Included as Part of the Curriculum for Medical Physics Education and Training,” which was published in the Journal of Applied Clinical Medical Physics on December 20, 2020. In addition, Dr. Lamichhane was a co-author of “Improving TBI Lung Dose Calculations: Can the Treatment Planning System Help?” which was published in Medical Dosimetry on November 12, 2019.

Myron Levine, MD, DTPH. The Simon and Bessie Grollman Distinguished Professor, Associate Dean for Global Health, Vaccinology and Infectious Diseases; Karen Kotloff, MD, Professor of Pediatrics; Dilrubha Nasrin, MBBS, PhD, Assistant Professor of Medicine; Sharon Tennant, PhD, Associate Professor of Medicine; and Helen Powell, PhD, Research Associate, all from the Center for Vaccine Development and Global Health (CVD), wrote “Diarrheal Disease and Subsequent Risk of Death in Infants and Children Residing in Low-Income and Middle-Income Countries: Analysis of the GEMS Case-Control Study and 12-Month GEMS-1A Follow-On Study,” which was published in Lancet Global Health on December 18, 2019. Drs. Levine, Nasrin, and Kotloff were also authors of “Determinants of Linear Growth Faltering Among Children with Moderate-to-Severe Diarrhea in the Global Enteric Multicenter Study,” which was published in BMC Medicine on November 25, 2019. Separately, Dr. Levine wrote “Monoclonal Antibody Therapy for Ebola Virus Disease,” which was published in the New England Journal of Medicine on December 12, 2019. Dr. Levine was among the authors of “Immune Responses to O-Specific Polysaccharide (OSP) in North American Adults Infected with Vibrio Cholerae O1 Inaba,” which was published in PLoS Neglected Tropical Diseases on November 19, 2019.

Yuanxuan Liang, PhD, MSc. Professor of Epidemiology & Public Health, Center for Vaccine Development and Global Health (CVD), was among the authors of “Diagnostic Value of CT Contrast Extravasation for Major Arterial Injury After Pelvic Fracture: A Meta-Analysis,” which was published in the American Journal of Emergency Medicine on November 28, 2019.

Rena Malik, MD. Assistant Professor, Department of Surgery, was first author and primary investigator of “Readability of Pelvic Floor Dysfunction Questionnaires,” which was published in Neurourology and Urodynamics on January 23, 2020.

Amal Matta, MD. Professor, Department of Emergency Medicine, was among the authors of “Lay Responder Care for an Adult with Out-Of-Hospital Cardiac Arrest,” which was published in the New England Journal of Medicine on December 5, 2019.

Monica McArthur, MD, PhD. Assistant Professor of Pediatrics, Center for Vaccine Development and Global Health, was first author on “Molecular Characterization of Hamster-Adapted Yellow Fever Virus,” which was published in Virology on December 2, 2019.

Mike McCurdy, MD, FCCP. Assistant Professor and Quincy Tran, MD, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Universal Anesthesia Machine: Clinical Application in an Austere, Resource-Limited Environment,” which was published in Military Medicine on December 31, 2019.

Andrea Meredith, PhD, Associate Professor; Hans Moldenhauer, PhD, Postdoctoral Fellow; and Katia Matychak, Graduate Student, Program in Neuroscience; all from the Department of Physiology, were among the co-authors of “Comparative Gain-of-Function Effects of the KCNMA1 N999S Mutation on Human BK Channel Properties,” which was published in The Journal of Neurophysiology on December 18, 2019. Together with a profile article on Dr. Meredith, this article was published in the January 2020 issue of The Physiologist. In addition, Dr. Meredith and graduate students Amber Plante, Michael Lai, and Jessica Lu, also from the Department of Physiology, were co-authors of “Effects of Single Nucleotide Polymorphisms in Human KCNMA1 and BK Current Properties,” which was published in Frontiers in Molecular Neuroscience on December 5, 2019.
Jason Molitoris, MD, PhD, Assistant Professor, Department of Radiation Oncology; was among the co-authors of “A Multi-Institutional Analysis of Clinical Outcomes and Patterns of Care of 1p/19q Codeluted Oligodendrogliomas Treated with Adjuvant or Salvage Radiation Therapy,” which was published in the *Journal of Neuro-Oncology* on November 18, 2019. In addition, Dr. Molitoris was among the authors of “Defining Optimal Target Volumes of Conformal Radiation Therapy for Diffuse Intrinsinc Pontine Glioma,” which was published in the *International Journal of Radiation Oncology Biology Physics* on November 27, 2019.

Sarah Muthli, MD, Associate Professor, and Daniel Haase, MD, Assistant Professor, both from the Department of Emergency Medicine and the Program in Trauma, were co-authors on “Ultrasonographic Inferior Vena Cava Diameter Response to Trauma Resuscitation After 1 Hour Predicts 24-hour Fluid Requirement,” which was published in the January 2020 issue of the *Journal of Trauma and Acute Care Surgery*.

Sarah Muthli, MD, MPH, FIDSA, The Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health (CVD), was among the authors of “Phase 3 Efficacy Analysis of a Live Attenuated Tularemia Vaccine Reveals Unique Transcriptional Signatures That Predict Humoral and Cellular Immune Responses,” which was published in *Faseb* on December 24, 2019. Dr. Sznit and Rosangela Mezghanni (Salerno-Goñi) (PhD, Associate Professor of Pediatrics, also from the CVD), wrote “Differential Functional Patterns of Memory CD4+ and CD8+ T-Cells From Volunteers Immunized with Ty21a Typhoid Vaccine Observed Using a Recombinant Escherichia Coli System Expressing S Typhi Proteins,” which was published in *Vaccine* on January 10, 2020.

Kathleen Neuzil, MD, MPH, FIDSA, The Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health (CVD), was among the authors of “Maternal and Pediatric Infections in Pregnant Women With HIV: A Randomized Controlled Trial,” which was published in *The Lancet HIV* on January 3, 2020.

Justin Ortiz, MD, Associate Professor of Medicine, CVD, and Kathleen Neuzil, MD, MPH, the Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health, were among the authors of “Impact of Rotavirus Vaccine Introduction in Children Less Than 2 Years of Age Presenting for Medical Care with Diarrhea in Rural Madhab, Bangladesh,” which was published in *Clinical Infectious Diseases* on December 15, 2019. In addition, Dr. Neuzil along with Justin Ortiz, MD, Associate Professor of Medicine, CVD, and Kathleen Neuzil, MD, MPH, the Myron M. Levine Professor in Vaccinology, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health, were among the authors of “Reply to Skowronski and De Serres,” which was published in *Clinical Infectious Diseases* on December 15, 2019.

Lakir Patel, MD, Resident; Robert Morales, MD, Assistant Professor; and Prashant Raghavan, MBBS, Associate Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Acute Metronidazole-Induced Neurotoxicity: An Update on MRI Findings,” which was published in *Clinical Radiology* on December 16, 2019.

Robert Reed, MD, Associate Professor, Department of Medicine, was among the co-authors of “An Updated Report of the Prevention of Acute Exacerbations of COPD,” which was published in the *New England Journal of Medicine* on December 12, 2019.

William Regine, MD, FACR, FACRO, the Idoaare & Fannie Schneider Foxman Chair and Professor, Department of Radiation Oncology, was among the authors of “Marital Status and Overall Survival in Patients with Resectable Pancreatic Cancer: Results of an Ancillary Analysis of NRG Oncology/RTOG 9704,” which was published in *The Oncologist* on December 16, 2019.

Bradford Schwartz, MD, Adjunct Assistant Professor, and Quincy Tran, MD, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Predictors Among Emergency Department Patients With Suspected Spinal Injury From Near-Shore Activity,” which was published in the January 2020 issue of *Critical Care Medicine*.

Eliot Siegel, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “School of Block-Review of Blockchain for the Radiologists,” which was published in the January 2020 issue of *Academic Radiology*.

Ryan Spangler, MD, Clinical Assistant Professor, Department of Emergency Medicine, was one of two guest editors of the November 2019 issue of *Emergency Medicine Clinics of North America*, which focused on gentryoninary emergencies.

Marcelo Sztein, MD, Professor of Pediatrics, Center for Vaccine Development and Global Health (CVD) was among the authors of “System Vaccinology for a Live Attenuated Tetanus Vaccine Reveals Unique Transcriptional Signatures That Predict Humoral and Cellular Immune Responses,” which was published in *Faseb* on December 24, 2019. Dr. Sznit and Rosangela Mezghanni (Salerno-Goñi) (PhD, Associate Professor of Pediatrics, also from the CVD), wrote “Differential Functional Patterns of Memory CD4+ and CD8+ T-Cells From Volunteers Immunized with Ty21a Typhoid Vaccine Observed Using a Recombinant Escherichia Coli System Expressing S Typhi Proteins,” which was published in *Vaccine* on January 10, 2020.

Shiyu Tang, PhD, Postdoctoral Fellow; Su Xu, PhD, Associate Professor; and Rao Gullapalli, PhD, MBA, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Alterations in the Whole Brain Network Organization After Prenatal Ethanol Exposure,” which was published in the *European Journal of Neuroscience* on December 19, 2019.

Quincy Tran, MD, Assistant Professor, Department of Emergency Medicine; James O’Connor, MD, Professor, Department of Surgery; Daniel Haase, MD, Assistant Professor, Department of Emergency Medicine; Jeffrey Rea, MD, Assistant Professor, Department of Emergency Medicine; Kevin Jones, MD, MPH, Assistant Professor, Department of Emergency Medicine; Thomas Scalea, MD, The Honorable Francis X. Kelly Distinguished Professor in Trauma Surgery; and Jay Menaker, MD, Professor, Department of Surgery, all from the Program in Trauma, were among the co-authors of “The Critical Care Resuscitation Unit Transfers More Patients From Emergency Departments Faster and Is Associated with Improved Outcomes,” which was published in the *Journal of Emergency Medicine* on November 22, 2019. Drs. Tran and Haase, were also among the co-authors of “Prophylactic Antibiotics for Anterior Nasal Packing in Emergency Department: A Systematic Review and Meta-Analysis of Clinically-Significant Infections,” which was published in the *American Journal of Emergency Medicine* on November 30, 2019. Separately, Dr. Tran was among the authors of “Early vs. Delayed Septic Shock: Outcome of Emergency Department Patients with Soft Tissue Infection” and “Transport Blood Pressure Variation:..."
Outcomes of Emergency Patients with Intracranial Hemorrhage, both of which were published in the January 2020 issue of Critical Care Medicine.

Lorena Vidal, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Intra-Arterial Verapamil Treatment in Oral Therapy-Refractory Reversible Cerebral Vasospasm Syndrome,” which was published in the American Journal of Neuroradiology on December 16, 2019.

George Willis, MD, and Semhar Tewelde, MD, both Assistant Professors from the Department of Emergency Medicine, were the authors of “The Approach to the Patient with Hematuria,” which was published in the November 2019 issue of Emergency Medicine Clinics of North America.

Michael Winters, MD, Professor, Department of Emergency Medicine, was the lead author of “Combined Residency Programs in Emergency Medicine,” which was published in the Journal of Emergency Medicine on August 31, 2019. Dr. Winters was also among the authors of “Reassessing the Critically Ill Geriatric Emergency Department Patient,” which was published in Emergency Medicine Clinics of North America.

Matthew Witte, MD, MS, Visiting Instructor, Department of Radiation Oncology, was the senior author of “Clinical Implications of Scleroderma in the Decision for Radiotherapy-Based Larynx Preservation,” which was published in JAMA Oncology—Head & Neck Surgery on December 12, 2019.

Baohe Zhang, PhD, Assistant Professor; Shifeng Chen, PhD, Associate Professor; Warren D’Souza, PhD, MBA, Adjunct Professor; and Byong Yi, PhD, Professor, all from the Department of Radiation Oncology, were among the authors of “A Systematic Quality Assurance Framework for the Upgrade of Radiation Oncology Information Systems,” which was published in the Physics in Medicine on December 5, 2020.

Richard Zhao, PhD, Professor, Department of Pathology, was the senior and co-corresponding author on “The Envelope Residues E152/156/158 of Zika Virus Influence the Early Stages of Virus Infection in Human Cells,” which was published in Cells on November 15, 2019. Ge Li, a former Research Specialist from Dr. Zhao’s Lab was a co-author. In addition, Dr. Zhao was the senior and corresponding author on “Development of a Fissione Yeast Cell-based Platform for High Throughput Screening of HIV-1 Protease Inhibitors,” which was published in Current HIV Research on November 27, 2019. Zaigmund Benko, a former Postdoctoral Scientist and Jianzao Zhang, a Research Associate, also from Dr. Zhao’s Lab were the co-first authors.

Michael Winters, MD

Semhar Tewelde, MD

Baohe Zhang, PhD