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

- Faculty from the Division of Translational Radiation Sciences (DTRS) in the Department of Radiation Oncology hosted visiting colleagues from the Taipei Medical University Hospital and Cancer Center, and the Taipei Veterans General Hospital in Taiwan, November 18–20, 2018. Zeljko Vujakovic, MD, PhD, Professor, and Isabel Jackson, PhD, Associate Professor, led the nine visiting scientists and physicians in discussions about the clinical and translation research programs in radiation sciences at Maryland. The group toured the DTRS labs as well as the Maryland Proton Treatment Center, with a special focus on the new clinical hyperthermia program.

- Gadi Alon, PT, PhD, Associate Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, attended the 22nd Annual Conference of the International Functional Electrical Stimulation Society (IFESS), August 28–31, 2018, where he presented a workshop titled, “FES in Pediatrics.”

- Nariman Balenga, PhD, Assistant Professor, Department of Surgery, was invited to give a talk at the ninth Adhesion GPCR Workshop in Portland, Ore. His presentation was titled, “Signaling and Trafficking of GPR64/ADGRG2 are Regulated by Its N-Terminal Fragment and Tethered Peptide.”

- James Borrelli, PhD, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, presented a poster titled, “Perturbation-Evoked Lateral Steps in Older Adults: Why Take Two Steps When One Will Do?” at the American Society of Biomechanics (ASB) Conference in Rochester, Minn., August 8–12, 2018. Mary Rodgers, PT, PhD, FAPTA, FASB, FSB, Professor Emeritus, also from the Department of Physical Therapy and Rehabilitation Science, and an ASB Fellow, was a woman in a Science session chair, and co-authored the poster: “Mechanical Demand Imposed on the Shoulder During Propulsion in the Community” at the conference.

- Peter Bowman, PT, DPT, FAAMPT, Assistant Professor, and Alissa Pravdo, PT, DPT, FAAMPT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors on a poster presentation titled, “A Multimodal Treatment Approach Applying Manual Therapy and Strengthening Following Cerebrovascular Accident: A Case Report” at the American Academy of Orthopaedic Physical Therapists Annual Conference, which was held in Reno, Nev., November 7–11, 2018.

- Vincent Conroy, PT, DScPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, presented a talk on November 7, 2018, to Sinai Hospital’s PM&R residents titled, “Anatomical Review of the Lower Extremity: Clinical Implications?” The event was co-organized by Sinai PM&R Chief Resident, Dr. Paige Harrison.

- Roy Film, PT, DPT, OCS, FAAMPT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was an invited speaker and content expert at the second annual National Opioid Crisis Community Summit at the Aberdeen Proving Ground in Maryland on December 11, 2018. He presented a short talk titled, “Nonpharmacological Pain Management: Transforming Care to Combat the Opioid Crisis” and led a workshop to find actionable solutions to the opioid crisis on the local, state, and national levels. In attendance at the Summit were US Surgeon General Jerome Adams, Lt. Gov. Boyd Rutherford, and a group of over 300 health care professionals, policymakers, military leaders, state politicians, and community leaders.

- Robert Gallo, MD, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-Founder and Director, Institute of Human Virology, presented the keynote lecture on January 28, 2019, titled “HIV/AIDS Lessons from the Past; Prospects for the Future,” at the Feodor Lynen Lecture and receive the Feodor Lynen Medal during the Miami Winter Symposium 2019 Evolving Concepts in HIV and Emerging Viral Infections hosted by the University of Miami. The prestigious lecture has been given by 28 then or future Nobel Laureates.

- The Department of Physical Therapy and Rehabilitation Science was well represented at the 2018 Annual Conference of the American Physical Therapy Association (APTA) of DC and Maryland, held on November 3, 2018. Linda Horn, PT, DScPT, MHS, GCS, NCS, Assistant Professor, presented “Balance Interventions for Older Adults.” Victoria Marchese, PT, PhD, Associate Professor, presented a poster titled, “Exploring Lower Extremity Force Modulation While Jumping with Childhood Leukemia Cancer Survivors.” Sandra McCombe Waller, PT, PhD, MS, NCS, Associate Professor, a co-author on a poster presentation, was awarded 1st Place for, “Sequencing Bilateral Proximal and Unilateral Task Oriented Arm Training Improved Arm and Hand Function in Patients with Moderate Severity Chronic Hemiparesis.”

- Isabel Jackson, PhD, Associate Professor, Department of Radiation Oncology, was an invited speaker at the Nuclear Security Summit at Georgetown 2018, held at the Georgetown Medical School in Washington, D.C. on December 11, 2018. Dr. Jackson presented “Neurocognitive Effects of Radiation Exposure Amongst First Responders and Long-Term Survivors in a Radiological or Nuclear Disaster.”

- Brian Johnson, OTR/L, Occupational Therapist, Graduate Research Assistant, Department of Physical Therapy and Rehabilitation Science, attended The American Society of Neurorehabilitation Annual Meeting in San Diego, Calif., October 31–November 2, 2018, where he presented a poster titled, “Acoustic Stimulation During a Daytime Nap to Enhance Sensorimotor Skill Performance in Older Adults with and without a History of Stroke.”

- Kelly Westlake, PhD, MSC, PT, Assistant Professor, also from the Department of Physical Therapy and Rehabilitation Science, was a co-author.

- Pranshu Mohindra, MD, MBBS, Assistant Professor, Department of Radiation Oncology, was a speaker at the Particle Therapy Co-Operative Group North America Seminar Series on Advanced Clinical Particle Therapy.
Events, Lectures & Workshops continued from page 1

on November 30 and December 1, 2018 at the Winship Cancer Institute at Emory University, Atlanta, Ga. His presentation focused on "Mediastinal Lymphoma: Immobilization, Motion Management & Treatment Planning from Passive Scatter to Multifield Optimization with PBS."

- Christa Nelson, PT, DPT, PhD, Assistant Professor; Peter Bowman, PT, DPT, FAAOMPT, Assistant Professor; and Odessa Addison, DPT, PhD, Assistant Professor; all from the Department of Physical Therapy and Rehabilitation Science, were co-authors on a poster presentation titled, "Multi-Modal Physical Therapy Management of an Ultra-Runner Athlete Post- Meniscectomy: A Case Report" at the American Academy of Orthopaedic Manual Physical Therapists Annual Conference which was held in Reno, Nev., November 7–11, 2018. Also at that conference, Alisa Pravdo, PT, DPT, FAAOMPT, Assistant Professor, and Roy Film, PT, DPT, OCS, FAAOMPT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors on a poster presentation titled, "Lumbar Rotation-Extension Syndrome: Correction of Faulty Movement Patterns in a 24-Year-Old Patient with Low Back Pain."

- Lynn Schriml, PhD, Associate Professor of Epidemiology & Public Health, Institute for Genome Sciences, was an invited keynote speaker for the 11th Hellenic Bioinformatics Conference: Genome Informatics Precision Medicine & Clinical Omics—in a World of Data Economies, held November 15–18, 2018, in Thessaloniki, Greece. Dr. Schriml’s presentation was titled, “International Microbiome Data Coordination and Consortium Studies.”

- At the American College of Radiation Oncology Proton Therapy Symposium, held December 1–2, 2018 at the Miami Cancer Institute, Miami, Fla.; Charles Simone, II, MD, Associate Professor, Department of Radiation Oncology, presented “Evidence Based Proton Therapy: Current Data, Enrolling Trials, and Future Directions;” “Clinical Outcomes and Treatment Planning for Proton Retreatment: A New Chance of Cure;” and “The Importance of Clinical Research in Proton Therapy: Update from the Proton Collaborative Group.”

- Mark Mishra, MD, Associate Professor, also from the Department of Radiation Oncology, presented "Patient Selection and Cost-Effective Utilization of Proton Therapy," at the same meeting.

- Ivana Vucenik, PhD, Associate Professor, Department of Medical and Research Technology, presented a keynote lecture titled, “Anticancer Action of Insolitol and Insolitol Hexaphosphate,” at the third International Symposium on Rice Science in Global Health, in Kyoto, Japan, from November 29–30, 2018.

Hats off to those who have been published!

- Gadi Alon, PT, PhD, Associate Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, authored “Functional Electrical Stimulation (FES): Clinical Successes and Failures to Date,” which was published in the November 2018 issue of the Journal of Novel Physiotherapy and Rehabilitation.

- Neha Amin, MD, Assistant Professor; Manuj Agarwal, MD, Assistant Professor; and Narottam Lamichhane, PhD, Assistant Professor; all from the Department of Radiation Oncology, authored “Checkpoint Inhibition: Will Combination with Radiotherapy and Nanoparticle-Mediated Delivery Improve Efficacy?” which was e-published in Medicines (Basel) on October 23, 2018.

- Uttam Bodanapally, MBBS, Assistant Professor; David Dreyzin, MD, Assistant Professor; Kathirka Manjunathan, MBBS, Professor; Guang Li, PhD, Assistant Professor; and Thorsten Fleiter, MD, Associate Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Dual-Energy CT Imaging of Head: Virtual High Energy Monochromatic (190keV) Images are More Reliable Than Standard 120 kV Images for Detecting Traumatic Intracranial Hemorrhages,” which was published in the Journal of Neurotrauma on October 17, 2018.

- Mary Bollinger, DO, Professor, Department of Pediatrics, was among the co-authors of “Association Between Second Hand Smoke (SHS) Exposure and Caregiver Stress in Children with Poorly Controlled Asthma,” which was published in Journal of Asthma on October 11, 2018.

- Svetlana Chapoval, MD, PhD, Visiting Assistant Professor, Department of Microbiology and Immunology, Center for Vascular and Inflammatory Diseases, served as a scientific editor for Dendritic Cell: The Book. The book was published by InTechOpen on November 5, 2018. Dr. Chapoval also was the author of an introductory chapter in this book.

- Rong Chen, PhD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Oridonin-Loaded and GPC1-Targeted Gold Nanoparticles for Multimodal Imaging and Therapy in Pancreatic Cancer,” which was published in the International Journal of Nanomedicine on October 24, 2018.

- Wengen Chen, MD, PhD, Associate Professor, and Vasken Dilsizian, MD, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, published a state-of-the-art review article in a multi-disciplinary collaboration with Mohammad Sejadi, MD, Associate Professor of Medicine, Institute of Human Virology, titled “Merits of FDG PET/CT and Functional Molecular Imaging Over Echocardiography and CT Angiography for the Diagnosis of Cardiac Device Infections,” which was published in the November 2018 issue of the Journal of the American College of Cardiology: Cardiovascular Imaging 2018.

- Robert Creath, PhD, Assistant Professor, and Mark Rogers, PT, PhD, FAAPA, the George R. Hepburn Danuphinst Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Effects of Aging on Hip Abductor-Adductor Neuromuscular and Mechanical Performance During the Weight Transfer Phase of Lateral Protective Stepping,” which was published in the Journal of Biomechanics on January 3, 2019.

- Zachary Dezman, MD, MS, Assistant Professor, Department of Emergency Medicine; Gordon Smith, MB, ChB, MPH, Adjunct Professor, Department of Epidemiology & Public Health; Peter Hu, MS, PhD, Associate Professor, Department of Anesthesiology; Collin Mackenzie, MB, ChB, Professor Emeritus, Department of Anesthesiology, Thomas Scales, MD, The Honorable Francis X. Kelly Distinguished Professor in Trauma Surgery; and Jon Mark Hirshon, MD, PhD, MHS, Professor, Department of Emergency Medicine, authored “Repeat Lactate Level Predicts Mortality Better Than Rate of Clearance,” which was published in the November 2018 issue of the American Journal of Emergency Medicine. The statistician for this project was Angela Comer, MS, formerly affiliated with the National Study Center for Trauma and Emergency Medical Systems.

- Vasken Dilsizian, MD, Professor, and Eliot Siegel, MD, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were co-authors of “Machine Meets Biology: A Primer on Artificial Intelligence in Cardiology and Cardiac Imaging,” which was published in the October 2018 issue of Current Cardiology Reports. Dr. Siegel was also a co-author of...
``Will Machine Learning End the Viability of Radiology as a Thriving Medical Specialty?'' which was published in the November 2018 issue of the British Journal of Radiology.

- John Eley, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Spatially Fractionated Proton Minibeams,” which was e-published in the British Journal of Radiology on October 25, 2018.

- Thomas Ernst, Dr rer nat, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Prospective for Intra-Abdominal and Hepatic Adiposity Varies Among Ethnic Groups,” which was published in Gastroenterology on November 13, 2018.

- Cara Felter, PT, DPT, MPH, Assistant Professor, and Kelly Westlake, PhD, MSc, PT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors on “Use of a Patient-Educator to Train Doctor of Physical Therapy Students Regarding Sexuality and Disability,” which was published in the November 2018 issue of the Journal of Humanities in Rehabilitation.

- Jeffrey Galvin, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Interruption Lung Disease and Pulmonary Fibrosis: A Practical Approach for General Medicine Physicians with Focus on the Medical History,” which was published in the Journal of Clinical Medicine on November 24, 2018.

- Rao Gullapalli, PhD, MBA, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Lifetime Discrimination Burden, Racial Discrimination, and Subclinical Cerebrovascular Disease Among African Americans,” which was published in Health Psychology on November 26, 2018.

- Brenda Hanna-Pladdy, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Audiovisual Lexical Retrieval Deficits Following Left Hemisphere Stroke,” which was published in Brain Sciences on November 28, 2018.

- Rupal Jain, MD, Third-Year Resident, and Wan-Tsu Chang, MD, Assistant Professor, both from the Department of Emergency Medicine, were among the authors of “Emergency Department Approach to the Patient with Suspected Central Nervous System Infection,” which was published in the November 2018 issue of Emergency Medicine Clinics of North America.

- Chris Johnstone, PhD, Medical Research Physicist, Department of Radiation Oncology, was the lead author of “Characterization of a Plastic Scintillating Detector for the Small Animal Radiation Research Platform (SARRP),” which was published in Medical Physics on November 12, 2018.

- Dongwon Kim, PhD, Visiting Research Fellow, Department of Physical Therapy and Rehabilitation Science, was a co-author of “The Center of Pressure and Ankle Muscle Co-Contraction in Response to Anterior-Posterior Perturbations,” which was published in PLOS One on November 29, 2018.

- Jane Kim, MD, Assistant Professor, and Jennifer Son, MD, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Identification of Clinical Parameters to Increase the Diagnostic Yield of the Non-emergent Upper Gastrointestinal Series in Pediatric Outpatients,” which was published in Pediatric Radiology on October 24, 2018.

- Kyung Koh, PhD, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was the first author of “Intra-Auditory Integration Between Pitch and Loudness in Humans: Evidence of Super-Optimal Integration at Moderate Uncertainty in Auditory Signals,” which was published in Scientific Reports on September 12, 2018.

- Young Kwok, MD, Associate Professor, Department of Radiation Oncology, was among the authors of “Patterns of Proton Therapy Use in Pediatric Cancer Management in 2016: An International Survey,” which was published in Radiotherapy and Oncology on November 2018. Dr. Kwok was also among the authors of “Using the Patient-Reported Outcomes Measurement Information System (PROMIS) to Measure Symptom BurdenReported by Patients with Brain Tumors,” which was e-published in Pediatric Blood and Cancer on November 14, 2018.

- Megan Lange, DNP, ACNP-BC, Acute Care Nurse Practitioner, Neurocritical Care Unit, University of Maryland Medical Center; Neeraj Badjatia, MD, MS, Professor, Department of Neurology; and Wan-Tsu Chang, MD, Assistant Professor, Department of Emergency Medicine, were among the authors of “Implementation of a Clinical Pathway to Reduce Rates of Postextraction Stridor,” which was published in the October 2018 issue of Critical Care Nurse.

- Miriam Lauder, MD, Associate Professor of Pediatrics and Associate Director for Malaria Research, Center for Vaccine Development and Global Health, is the corresponding author of “A Randomized, Controlled Clinical Trial of Chloroquine as Chemoprophylaxis or Interim Preventive Therapy to Prevent Malaria in Pregnancy in Malawi,” which was accepted for publication in the Lancet.

- Javed Mahmood, PhD, Assistant Professor; Sandrine Soman, Laboratory Research Specialist; Samanta Samanta, MD, MBBS, Resident; Ali Saeed, MD, Resident; Neha Amin, MD, Assistant Professor; and Zeljko Vujakovic, MD, PhD, Professor, all from the Department of Radiation Oncology, were among the authors of “Immunotherapy, Radiotherapy, and Hyperthermia: A Combined Therapeutic Approach in Pancreatic Cancer Treatment,” which was published in Cancers on November 28, 2018.

- Dirk Mayer, Dr rer nat, Associate Professor, and Amelia Wnorowski, MD, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Hyperpolarized 13C Magnetic Resonance Imaging, Using Metabolic Imaging to Improve the Detection and Management of Prostate, Bladder, and Kidney Urologic Malignancies,” which was published in the October 2018 issue of Translational Andrology and Urology.

- Amal Mattu, MD, Professor, Department of Emergency Medicine, was a co-author of the case report “Elderly Man with Chest Pressure,” which was published in the November 2018 issue of Annals of Emergency Medicine.

- Sarah McCravy, MD, Assistant Professor, Department of Radiation Oncology, was a co-author of “Reply to: Insufficient Number of Examined Lymph Nodes May Offset the Survival Benefit from Neoadjuvant Therapy in Esophageal Squamous Cell Carcinoma,” which was e-published in Surgery on November 19, 2018.

- Rachel McCarrall, PhD, Physics Resident, Department of Radiation Oncology, was among the authors of “Auto-Delineation of Oropharyngeal Clinical Target Volumes Using 3D Convolutional Neural Networks,” which was published in Physics in Medicine and Biology on November 7, 2018.

- Timothy Miller, MD, Assistant Professor; Gaurav Jindal, MD, Associate Professor; and Dheeraj Gandhi, MBBS, Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Pipeline Diameter Significantly Impacts the Long-Term Fate of Jailed Side Branches During Treatment of Intracranial Aneurysms,” which was published in American Journal of Neuroradiology on November 1, 2018.

- Mark Mishra, MD, Associate Professor, Department of Radiation Oncology, was among the authors of “Evaluating the Cost-Effectiveness of Hydrogel Rectal Spacer in Prostate Cancer Radiotherapy,” which was e-published in Practical Radiation Oncology on October 17, 2018.
JASON MOLTORIS, MD, PhD
Assistant Professor, Department of Radiation Oncology, was among the co-authors of “The American Society for Radiation Oncology Foundation: 2017 Radiation Oncologist Workforce Study,” which was e-published in the International Journal of Radiation Oncology, Biology, Physics on October 24, 2018.

ERIN O’CONNOR, MD, PhD
Associate Professor, Department of Radiation Oncology, was among the authors of “Estimating Survival for Renal Cell Carcinoma Patients with Brain Metastases: An Update of the Renal Graded Prognostic Assessment Tool,” which was published in Neuro-Oncology on November 12, 2018. Dr. Molitoris and Charles Simone, II, MD, were also among the authors of “Utility of Bladder-Sparing Therapy vs Radical Cystectomy for Muscle-Invasive Bladder Cancer,” which was e-published in JAMA Surgery on November 21, 2018.

JASON MOLTORIS, MD, PhD, Assistant Professor, Department of Radiation Oncology, was among the authors of “Effect of Pregabalin on Radiotherapy-Related Neuropathic Pain in Breast Cancer Outcomes After Radiation Therapy,” which was e-published in Medical Physics on November 16, 2018.

CJN SILVER, MD, Associate Professor, Department of Radiation Oncology, were among the authors of “A Systematic Review of the Cost and Cost-Effectiveness Studies of Immune Checkpoint Inhibitors,” which was published in the Journal for Immunotherapy and Cancer on November 23, 2018.

KATHLEEN TRACY, PhD
Associate Professor, Department of Biological Effects of Electromagnetic Fields was the Associate Professor for this quarterly journal and contributed the foreword for this issue.

ALEXANDROS POULOPULOS, PhD
Assistant Professor, Department of Pharmacology, and Hooman Qadiri, Neuroscience Graduate Student, authored “Structural Connectivity of the Anterior Cingulate Cortex, Claustrum, and the Anterior Insula of the Mouse,” which was published in the November 2018 issue of Frontiers in Neuroanatomy.

KATHLEEN TRACY, PhD
Associate Professor, and Jennifer Swanberg, PhD, Professor, both from the Department of Epidemiology & Public Health, were among the co-authors of “Autocrine-Proangiogenic Prostaglandin E2 Signaling restricts TLR4 Internalization and TRIF Signaling,” which was published in the December 2018 issue of Nature Immunology.

ERIN O’CONNOR, MD, PhD
Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Subcellular Transcriptomes and Proteomes of Developing Axon Projections in the Cerebral Cortex,” which was published in Nature on January 17, 2019. Separately, Dr. Poulopoulos, Brian Mathur, PhD, Assistant Professor, also from the Department of Pharmacology, and Hooman Qadiri, Neuroscience Graduate Student, authored “Structural Connectivity of the Anterior Cingulate Cortex, Claustrum, and the Anterior Insula of the Mouse,” which was published in the November 2018 issue of Frontiers in Neuroanatomy.

STEFANIE VOGEL, PhD
Professor, Department of Microbiology and Immunology, was among the authors of “Occupational Exposures and Associated Risk Factors Among U.S. Casino Workers: A Narrative Review,” which was published in the January 2018 issue of AIMS Public Health. In addition, Dr. Tracy and Lauren Levy, JD, MPH, Research Associate, also from the Department of Epidemiology & Public Health, were co-authors of “Gambling Disorder in Veterans: A Review of the Literature and Implications for Future Research,” which was published in the December 2018 issue of the Journal of Gambling Studies.

STEPHANIE RICE, MD
Resident, and Charles Simone, II, MD, Associate Professor; all from the Department of Radiation Oncology, were among the authors of “A Novel Prospective Study Assessing the Combination of Photodynamic Therapy and Proton Radiation Therapy: Safety and Outcomes When Treating Malignant Pleural Mesothelioma,” which was e-published in Photochemistry and Photobiology on November 28, 2018.

DARIO RODRIGUES, PhD
Assistant Professor, Department of Radiation Oncology, was among the authors of “Thermal Therapy Applications of Electromagnetic Energy,” which appeared in chapter 9 of Handbook of Biological Effects of Electromagnetic Fields (4th ed., Vol. 2). The book was published on November 16, 2018.

CHARLES SIMONE, II, MD
Associate Professor, Department of Radiation Oncology, was among the authors of:
• “ASO Author Reflections: Management of Malignant Peritoneal Mesothelioma,” which was e-published in Annals of Surgical Oncology on November 12, 2018.
• “Effect of Pregabalin on Radiotherapy-Related Neuropathic Pain in Patients with Head and Neck Cancer: A Randomized Controlled Trial,” which was e-published in the Journal of Clinical Oncology on November 20, 2018.
• “Automated Data Extraction and Ensemble Methods for Predictive Modeling of Breast Cancer Outcomes After Radiation Therapy,” which was e-published in Medical Physics on November 30, 2018.

JASON MOLTORIS, MD, PhD
Assistant Professor, Department of Radiation Oncology, was among the authors of “Estimating Survival for Renal Cell Carcinoma Patients with Brain Metastases: An Update of the Renal Graded Prognostic Assessment Tool,” which was published in Neuro-Oncology on November 12, 2018. Dr. Molitoris and Charles Simone, II, MD, were also among the authors of “Utility of Bladder-Sparing Therapy vs Radical Cystectomy for Muscle-Invasive Bladder Cancer,” which was e-published in JAMA Surgery on November 21, 2018.

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Honors & Awards

Congratulations to the following who have received honors!

- Li-Qun Zhang, PhD, Professor, Department of Physical Therapy and Rehabilitation Science, was among the co-authors of “Position as Well as Velocity Dependence of Spasticity-Four-Dimensional Characterizations of Catch Angle,” which was published in *Frontiers in Neurology* on October 26, 2018. Separately, Dr. Zhang was among the co-authors of “Tibiofemoral Contact Mechanics with Horizontal Cleavage Tears and Resection of the Lateral Meniscus in the Human Kneec,” which was published in the November 2018 issue of *Clinical Orthopaedics and Related Research.*

New Faculty

- Sarah McAvoy, MD, joined the Department of Radiation Oncology as an Assistant Professor in November 2018. She is based at the Tate Cancer Center at the Baltimore Washington Medical Center, with additional time at the University of Maryland Medical Center and the Maryland Proton Treatment Center. She received her medical degree from the University of Minnesota and completed an internship at Hennepin County Medical Center in Minneapolis, Minn. She then completed a radiation oncology residency at the University of Texas MD Anderson Cancer Center, Houston, Tex. She came to Maryland from Mercy Medical Center, Des Moines, Iowa.

Appointments

- Rebecca Carter, MD, Assistant Professor; and Colleen Hughes Driscoll, MD, Assistant Professor; all from the Department of Pediatrics, were inducted as members of the Society for Pediatric Research. The mission of the Society for Pediatric Research is to create a network of multi-disciplinary researchers to improve child health. The Society provides programming for research meetings, career opportunities, and advocacy on the medical systems issues that affect members’ ability to do research.

- Shannan Dixon, MS, CGC, Assistant Professor, Department of Pediatrics, was elected to serve as the Vice President of the Association of Genetic Counseling Program Directors. Her term will begin January 2019 and end December 2020.

- Brian Mathur, PhD, Assistant Professor, Department of Pharmacology, was accepted as Associate Member of the American College of Neuropsychopharmacology (ACNP).
Grants & Contracts

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

- Jennifer Albrecht, PhD, Assistant Professor, Department of Epidemiology & Public Health, received the American Academy of Sleep Medicine’s 2018 Strategic Research Award for “Impact of High PAP Adherence on Cardiovascular Outcomes Among Medicare Beneficiaries with Obstructive Sleep Apnea, 2006–2013.” This is a three-year grant in the amount of $69,721.

- Uttam Bodanapally, MBBS, Assistant Professor, and Thorsten Fleiter, MD, Associate Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were awarded a one-year $85,000 grant from Siemens Medical Solutions for “Artificial Intelligence (AI) Pipeline in Detection of Traumatic Intracranial Bleeds on Head CT.”

- Poornima Dharmasi, Neuroscience PhD Student, Department of Physiology, received an Individual National Research Service Award in the amount of $125,403 for “Glutamate Receptor-Mediated Organization of Synaptic Nasturo.”

- Hervé Tettelin, PhD, Associate Professor, Department of Epidemiology & Public Health, received a three-year, $410,000 research agreement from the R. Adams Cowley Shock Trauma Center for “Strategic Academic Partnership Between the Department of Epidemiology & Public Health and the Center for Injury Prevention and Policy (CIPP).”

- Gibran Shaikh, MD, MS, a PGY-2 Resident, Department of Dermatology, received a one-year $5000 grant from the Maryland Dermatologic Society for his project, “Skin-to-Skin.Org: An Online Community for community dermatologists, pediatricians, and obstetricians to refer their patients for comprehensive, unbiased information concerning skin care and skin disorders in pregnancy and in the neonatal period. His mentors are Marcia Driscoll, MD, PharmD, Associate Professor, and Brian Green, DO, Assistant Professor, both from the Department of Dermatology.

How to Submit Information to The Buzz

If you would like to acknowledge an award, presentation, publication, or any other noteworthy accomplishment, please submit your items to the liaison within your department, program, center, or office.

You may submit your Buzz items online: https://umforms.emory.edu/forms/f550bb510b2d673/

Research Communications Network

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

- Anesthesiology: Carolina Gopadharth cgaphardt@som.umaryland.edu
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