Events, Lectures & Workshops

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

- **Vincent Conroy, PT, DScPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was invited to present a talk entitled, “The Upper Extremity: Review of Normal and Variant Anatomy as it Relates to Clinical Practice” to 12 members of Sinai Hospital’s Physical Medicine and Rehabilitation Residency Program on November 8. The event was coordinated by Dr. Christopher Goodrich, Chief Resident, Department of Physical Medicine and Rehabilitation, Sinai Hospital, and held at the University of Maryland School of Medicine’s Anatomy lab located in the Bender Research Building.

- **Zachary Dezman, MD, MS**, Assistant Professor, Department of Emergency Medicine, presented “Component Analysis of Three Screens for the Prehospital Triage of Patients with Uncomplicated Alcohol Intoxication,” during the Research Forum at the annual Scientific Assembly of the American College of Emergency Physicians, held in Washington, DC, in October.

- **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was recently the cardiology grand rounds speaker at Mount Sinai St. Luke’s Hospital, Mount Sinai School of Medicine, in New York, NY, where he presented “Clinical Applications of FDG PET Metabolism Beyond Viability” on November 15.

- **Wan-wen Liao, PhD** Candidate, Department of Physical Therapy and Rehabilitation Science, presented her poster at the ASNR annual meeting entitled, “Tailoring Non-Invasive Brain Stimulation to Enhance Bimanual Coordination in Individuals with Chronic Stroke: Contralesional PMd vs. Ipsilesional M1.” Co-authors included Jill Whitall, PhD, Professor and Sandy McCombe Walker, PT, PhD, MS, NCS, Associate Professor, both from the Department of Physical Therapy and Rehabilitation Science. This poster was also presented at the Society for Neuroscience’s Annual Meeting which was held November 11–15 in Washington, DC, in conjunction with the ASNRT meeting.

- **Laura Neely, PT, DPT, NCS**, Assistant Professor, Director of Clinical Education, Department of Physical Therapy and Rehabilitation Science, presented at the MOTA (Maryland Occupational Therapy Association) Conference on November 10, with Michelle Gorman, PT, DPT, GCS, Director of Clinical Education from the University of Maryland, Eastern Shore. The title of their presentation was “Providing Effective Feedback to Healthcare Students.”

- **Jill Whitall, PhD**, Professor, Department of Physical Therapy and Rehabilitation Science, presented a poster titled, “A Methods of Gait Rehabilitation in the Clinic and at Home: Individualizing Cueing and Feedback on Key Fall-Related Measures for Individuals After Stroke” at the Society for Neuroscience (SFN) Annual Meeting which was held November 11–15 in Washington, DC.

- Co-authors included H. Hayes, S. Bamberg and Sandy McCombe Walker, PT, PhD, MS, NCS, Associate Professor, Department of Physical Therapy and Rehabilitation Science. Dr. Whitall and Kelly Westlake, PhD, MSc, PT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors on an additional poster presentation entitled, “Age-related Changes of Interlimb Coordination During Complementary Bilateral Arm Movements” at the SFN meeting.

Grants & Contracts

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

- **Parlos Anastasiadis, PhD**, Postdoctoral Fellow, Department of Diagnostic Radiology and Nuclear Medicine, received a three-year T32 grant from the National Institutes of Health to study “Acoustic Activation of the Glioma-brain Microenvironment for Improved T-cell Immunotherapy.” The award will cover his tuition and salary.

- **Maria Baer, MD**, Professor, Department of Medicine, received a five-year, $965,000 award from the Leukemia and Lymphoma Society for “A Phase 2 Study of Entospletinib and Decitabine Targeting Mutant TP53 and or Complex Karyotype in Patients with Untreated Acute Myeloid Leukemia > Age 60 years and A Phase 2 Study of Entospletinib in NPM1 mutant/FLT3 ITD Wild Type AML Patients Age >= 60 years.”

- **Neil Constantine, PhD**, Professor, Department of Pathology and Institute of Human Virology, was awarded $166,392 from FHI 360 for a five-month extension of his contract “The USAID Global Health Supply Chain QA Program for Rapid Diagnostics,” $27,500 from USAID for a five-month extension for “Technical Assistance and Retention Store,” and $15,000 from Marie Stopes International for a one-year contract “Evaluation of Pregnancy Tests.”

- **Karen Kotloff, MD**, Professor, Department of Pediatrics and Head of the Division of Pediatric Infectious Diseases and Tropical Medicine, was awarded a $99,999 grant from the Bill and Melinda Gates Foundation for National Implementation of Biannual Azithromycin Administration.

- **Victoria Marchese, PT, PhD**, Associate Professor, Department of Physical Therapy and Rehabilitation Science, has been selected by the Foundation for Physical Therapy Board of Trustees to receive the 2017 Snyder Research Grant in the amount of $40,000 for her work “A PT Strengthening Intervention (STRONG-PT) for Lower- Extremity Sarcoma Childhood Cancer Survivors.”

- **Thomas Monahan, MD**, Assistant Professor, Department of Surgery, Center for Vascular and Inflammatory Diseases, received a five-year $1,931,250 new award from National Institutes of Health (NIH)/National Heart, Lung, and Blood Institute (NHLBI). Dr. Monahan’s awarded study, “The Effect of Myristolated Alanine-Rich C Kinase Substrate (MARCKS) on Kinase Interacting with Stathmin (KIS) in Differential Proliferation of Vascular Smooth...”
Muscle and Endothelial Cells,” will seek to understand how MARCKS differentially regulates KIS, and this study will also provide the necessary knowledge to further understand MARCKS as a target for therapy to prevent restenosis.

Charlene Quinn, PhD, RN, FAAN, Professor, Department of Epidemiology and Public Health, received a 15-month, $136,953 contract from FIT4D for her work on, “CareFirst-Fit4D Evaluation of a DSME-Coaching Intervention for Insured Adults.”

Hats off to those who have been published!

Odessa Addison, DPT, PhD, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author on “Sarcopenia in Peripheral Arterial Disease: Prevalence and Impact on Functional Status” in Archives of Physical Medicine and Rehabilitation, 2017 Nov.

Maria Baer, MD, Professor, Department of Medicine; Shiv Kapoor, MBBS, Assistant Professor, Department of Pediatrics; Rena Lapidus, PhD, Associate Professor, Department of Medicine; Mario Scarpa, MS, Research Fellow, Department of Hematology/Oncology; Rossana Trota, PhD, Assistant Professor and Eduardo Davila, PhD, both from the Department of Microbiology and Immunology; Danilo Perrotti, MD, PhD, Professor, Department of Medicine, were among the co-authors of “Concurrent Inhibition of Pim and FLT3 Kinases Enhances Apoptosis of FLT3-ITD Acute Myeloid Leukemia Cells Through Increased Mc1-1 Proteasomal Degradation” in Clinical Cancer Research, 2017 Oct 26.

Qi Cao, BM, PhD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Exposure to Concentrated Ambient PM2.5 Compromises Spermatogenesis in a Mouse Model: Role of Suppression of Hypothalamus-Pituitary-Gonads Axis” in Toxicological Sciences, 2017 Nov 20.

Linda Chang, MD, MS, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Approaching Retention Within the Adolescent Brain Cognitive Development Study” in Developmental Cognitive Neurosciences 2017 Nov 11. Dr. Chang was also among the co-authors of “Demographic, Physical and Mental Health Assessments in the Adolescent Brain and Cognitive Development Study: Rationale and Description” in Developmental Cognitive Neurosciences, 2017 Nov 3.

Derik Davis, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Promyelocytic Sarcoma of the Right Humerus: An Unusual Clinical Presentation with Unique Diagnostic and Treatment Considerations” in Clinical Care Reports, 2017 Nov.

Vasken Dilisizian, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was a co-author of a Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC titled “Clinical Quantification of Myocardial Blood Flow Using PET” published simultaneously in the Journal of Nuclear Cardiology and the Journal of Nuclear Medicine, 2017 Dec. Dr. Dilisizian was also a co-author on “Is Exercise Treadmill Time or Reduction in Myocardial Ischemia the Appropriate Primary Endpoint to Assess Success of Percutaneous Coronary Intervention in Stable Angina (ORBITA)” in the Journal of Nuclear Medicine, 2017 Dec 7.

Richard Eckert, PhD, Professor, Department of Biochemistry and Molecular Biology, was the author on “Combination Cisplatin and Sulforaphane Treatment in Epidermal Squamous Cell Carcinoma” in Molecular Carcinogenesis, 2018 Jan.

Jeffrey Galvin, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Diagnostic Criteria for Idiopathic Pulmonary Fibrosis: A Fleischner Society White Paper” in Lancet Respiratory Medicine, 2017 Nov 15.

Dheeraj Gandhi, MBBS, MBA, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Modulation of Working Memory Load Distinguishes Individuals with and without Balance Impairments Following Mild Traumatic Brain Injury” in Brain Injury, 2017 Nov 28.

Jean Jeudy, MD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Unilateral Acute Respiratory Distress Syndrome with Contralateral Pulmonary Artery Agenesis” in American Journal of Respiratory and Critical Care Medicine, 2017 Nov 10.

Judy L. Kind, PhD, Adjunct Associate Professor, Department of Epidemiology & Public Health, was a co-author on “Critical and Systematic Evaluation of Data for Estimating Human Exposures to 2,4-Dichlorophenoxyacetic Acid (2,4-D)—Quality and Generalizability” in Journal of Toxicology and Environmental Health, Part B: Critical Reviews, 2017 Nov 20.

Barton Lane, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Postoperative Elevated Residue Indices Do Not Predict Hepatic Artery Thrombosis in Extended Criteria Donor Livers” in International Journal of Angiology, 2017 Dec 26.

Andrea Meredith, PhD, Associate Professor, John Whit and Beth McNally, PhD, Research Associate, all from the Department of Physiology, were co-authors on “Differential Contribution of Ca2+ Sources to Day and Night BK Current Activation in the Circadian Clock” in The Journal of General Physiology, 2017 Dec 13.

Elizabeth Nichols, MD, Assistant Professor, and Pranshu Mohindra, MD, MBBS, Assistant Professor, both from the Department of Radiation Oncology, and

Owen White, PhD, Professor, Department of Epidemiology and Public Health and Associate Director, Institute for Genome Sciences, received a five-year, $2,361,423 subcontract from the Broad Institute for his work on “A Comprehensive Platform for Novel Therapy Development from the Microbiome.” This work was originally funded through the National Institutes of Health.
Gautam Rao, MD, Assistant Professor, Department of Obstetrics, Gynecology, and Reproductive Services, were among the authors on “Barriers to Timely Completion of Radiation Therapy in Patients with Cervical Cancer in an Urban Tertiary Care Center” in Cureus, 2017 Sep 12.

Michelle Pearce, PhD, Assistant Professor, Department of Family & Community Medicine, co-authored “The Moral Injury Symptom Scale—Military Version” in the Journal of Religion and Health, 2017 Dec 1.

Yannick Poirier, PhD, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Characterization of NanoDot Optically Stimulated Luminescence Detectors and High-Sensitivity MCP-N Thermoluminescent Detectors in the 40-300 kV Energy Range” in Medical Physics 2017 Nov 22.

Chatlene Quinn, PhD, RN, FAAN, Associate Professor, Department of Epidemiology & Public Health, was a co-author on “Multiple Chronic Condition Profiles and Survival Among Oldest-old Male Patients with Hip Fracture” in Archives of Gerontology and Geriatrics, 2017 Jan.

Jill Remick, MD, Resident, William Regine, MD, FACR, FCRCEO, the Isadore & Fannie Schneider Foxman Chair, Department of Radiation Oncology, Robert Malaya, MD, PhD, Professor, Melissa Liriano Vyfhuus, MD, PhD, Resident, and Tejan Diwanji, MD, Resident, and James Snider, MD, Assistant Professor, all from the Department of Radiation Oncology, and Vincent Ng, MD, Assistant Professor, Department of Orthopaedics, were among the authors on “Excellent Pathologic Response and Atypical Clinical Course of High-Grade Extremity Sarcoma to Neoadjuvant Pencil Beam Scanning Proton Therapy” in Cureus, 2017 Sep 15.

Maria Salut, PhD, Professor, Department of Medicine, is editor of a new book, Hemorrhagic Fever Viruses, which was published November 4, 2017 by Springer Publishers in New York. The book contains 30 chapters with cutting-edge methods and taxonomic information about Hemorrhagic Fever Viruses. The chapter authors are global experts in emerging viruses of medical and bio-threat interest.

Rajabata Sarkar, MD, PhD, the Barbara Baur Dunlap Professor of Surgery, was among the co-authors on “A Defined Protocol to Resolving Cannulation Failure During Endovascular Ablation Procedures” in the Annals of Vascular Surgery, 2017 Nov.

Amit Sawant, PhD, Associate Professor, and Arezoo Modiri, PhD, Assistant Professor, both from the Department of Radiation Oncology, were among the co-authors of “Multi-GPU Configuration of 4D Intensity Modulated Radiation Therapy Inverse Planning Using Global Optimization” in Physics in Medicine and Biology, 2017 Nov 23.

Charles Simone, II, MD, Associate Professor, Department of Radiation Oncology, was among the co-authors on “Lesion Occupation Associates with Clinical Outcomes in Premalignant and Early Stage Head and Neck Tumors Treated on a Phase 1 Trial of Photodynamic Therapy” in Photodagnosis and Photodynamic Therapy, 2017 Nov 4. Dr. Simone was also among the co-authors on “The Role of Advanced Imaging in Assessing Response to Definitive Chemoradiation Before Prophylactic Cranial Irradiation in Limited-Stage Small-Cell Lung Cancer” in Clinical Lung Cancer, 2017 Oct 12. He was among the co-authors on “Clinical Decision Support of Radiotherapy Treatment Planning: A Data-Driven Machine Learning Strategy for Patient-Specific Dosimetric Decision Making” in Radiotherapy and Oncology, 2017 Nov 18, and separately, his paper “Addition of Definitive Radiotherapy to Chemotherapy in Patients with Newly Diagnosed Metastatic Nasopharyngeal Cancer” in the Journal of the National Comprehensive Cancer Network, 2017 Nov. Dr. Simone was also among the co-authors on “Association of Treatment at High-Volume Facilities with Survival in Patients Receiving Chemoradiotherapy for Nasopharyngeal Cancer” in the Journal of the American Medical Association: Otolaryngology—Head & Neck Surgery, 2017 Nov 2.

Aleander Tsai and Allen Burke. UMSOM Medical Students; and Melissa Liriano Vyfhuus, MD, PhD, Resident, Martha Francis, CRNP, Nurse Practitioner, and William Regine, MD, FACR, FCRCEO, the Isadore & Fannie Schneider Foxman Chair, all from the Department of Radiation Oncology, co-authored “Radiation-induced Undifferentiated Pleomorphic Sarcoma of the Heart: A Case Report” in Plastic and Reconstructive Surgery, 2017 Oct 4.

Erik von Rosenneinge, MD, Associate Professor, Department of Medicine, Jacques Ravel, PhD, Professor, Department of Microbiology & Immunology; and Mary-Claire Roghmann, MD, MS, Professor, Department of Epidemiology & Public Health, were among the co-authors of “Improving Regulation of Micrornbiota Transplants in Mice,” 2017 Dec 15.

Melissa Liriano Vyfhuus, MD, PhD, Resident, Mohan Suntharalingam, the Marlene & Stewart Greenebaum Professor in Radiation Oncology, Elizabeth Nichols, MD, Assistant Anesthesiologist, Shaled Badiyan, MD, Assistant Professor, Charles Simone, II, MD, Associate Professor, and Pranush Mohindra, MD, Assistant Professor, all from the Department of Radiation Oncology, Whitney Burrows, MD, Associate Professor, and Shamus Carr, MD, Assistant Professor, both from the Department of Surgery; and Soren Bentzen, PhD, DMSc, Professor, Department of Epidemiology & Public Health, were among the co-authors on “Oncological Outcomes from Trimodality Therapy Receiving Dose-Adjusted Neoadjuvant Chemoradiation (≥60Gy) and Factors Influencing Consideration for Surgery in Stage III Non-small Cell Lung Cancer,” in Advances in Radiation Oncology, 2017 Nov 2.

Melissa Liriano Vyfhuus, MD, PhD, Resident, Jason Moltitioris, MD, PhD, Resident, Elizabeth Nichols, MD, Assistant Professor, Mohan Suntharalingam, the Marlene & Stewart Greenebaum Professor in Radiation Oncology, Shaled Badiyan, MD, Assistant Professor, Charles Simone, II, MD, Associate Professor, and Pranush Mohindra, MD, Assistant Professor, all from the Department of Radiation Oncology; Soren Bentzen, PhD, DMSc, Professor, Department of Epidemiology & Public Health; Whitney Burrows, MD, Associate Professor, Shamus Carr, MD, Assistant Professor, and Joseph Friedberg, MD, Professor, all from the Department of Surgery; and Mehdi Naghi, MBIRCH, Gastrointestinal Care Program Coordinator, UMGGCC, were among the authors on “Clinical Outcomes of Black vs. Non-black Patients with Locally Advanced Non-small Cell Lung Cancer” in Lung Cancer, 2017 Dec 17.

Kelly Westlake, PhD, MSc, PT, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author on “Modulation of Working Memory Load Distinguished Individuals With and Without Balance Impairments Following Mild Traumatic Brain Injury” in Brain Injury, 2017 Nov.

Jude Wong-You-Cheong, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “ACR Appropriateness Criteria® Renovascular Hypertension” in Journal of the American College of Radiology, 2017 Nov 14.
Congratulations to the following who have received honors!

Brian Johnson, OTR/L, Occupational Therapist, PhD Candidate, Graduate Research Assistant, Department of Physical Therapy and Rehabilitation Science, won the 2017 Fletcher H. McDowell Award for the best clinical science abstract at the The American Society of Neurorehabilitation (ASNR) annual meeting at the Renaissance Harborplace Hotel in Baltimore, Maryland on November 9–10. His poster was entitled, “Use of Targeted Memory Reactivation During a Daytime Nap to Enhance Sensorimotor Skill Performance in Healthy Young Adults” with co-author Kelly Westlake, PhD, MSc, PT, Assistant Professor, also from the Department of Physical Therapy and Rehabilitation Science.

Dan Zandberg, MD, Assistant Professor, Department of Medicine, was selected to receive the 2018 Alliance Scholar Award regarding his submission on Phase II randomized trial of Avolurnab plus Cetuximab vs. Cetuximab alone in advanced cutaneous squamous cell carcinoma of the skin (cSCC).

New Faculty

We welcome our new faculty!

Aazar Peter Dagher, MD, joined the Department of Diagnostic Radiology and Nuclear Medicine as an Assistant Professor in the Trauma and Emergency Radiology section. Dr. Dagher earned a medical degree from the University of Maryland School of Medicine. He completed an internship at Dartmouth Hitchcock Medical Center, a residency in radiology at Johns Hopkins Hospital, a fellowship in neuroradiology, also at Johns Hopkins, and a second fellowship in neuroanatomy at the Armed Forces Institute of Pathology.

Alisa Pravdo, PT, DPT, FAAOOMPT, was appointed as an Assistant Professor in the Department of Physical Therapy and Rehabilitation Science in November 2017. She is the newest member of the University of Maryland Orthopaedics clinical practice at Camden Yards. Dr. Pravdo comes to the University of Maryland School of Medicine from Concentra Medical Center, where she was the Center Therapy Director. She is a member of the American Physical Therapy Association, a Fellow of the American Academy Orthopedic Manual Physical Therapists, and a member of the American Physical Therapy Association of Maryland.

Appointments

We applaud our colleagues on their recent appointments!

Elizabeth Lamos, MD, Assistant Professor, Department of Medicine, joined the Office of Student Affairs. Dr. Lamos writes Medical Student Performance Evaluations (MSPEs) and serves primarily in a counseling and activity advisory role. She is the Student Affairs liaison for the school’s dual degree programs and their students. She is also on faculty in the Department of Medicine, Division of Endocrinology.

Vivienne Rose, MD, Assistant Professor, Department of Family and Community Medicine, was appointed to the newly formed Health and Wellness Council of the Maryland Department of Health. The Council now takes on the duties of three recently disbanded councils on: Heart Disease and Stroke Prevention, Physical Fitness and Arthritis. Dr. Rose is serving as the Council Chair for a two-year term that began in October.

Research Communications Network

Many thanks to the following people who serve as your liaisons for the information you see in What’s the Buzz? Please send information (within the limits of the categories listed here) that you would like to see in the Buzz to the appropriate person within your department, program, center or office.

Vivienne Rose, MD

Honors & Awards

Attentation all SOM Medical, Allied Health and Graduate Students!

Buzz Information Link for Students

A hyperlink is available on the School of Medicine Website for you to submit information to the Buzz to acknowledge honors, prizes, presentations, leadership positions and other noteworthy accomplishments. Go to http://medschool.umaryland.edu/Public_Affairs/buzz.asp