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

- Gad Alon, PT, PhD, Associate Professor Emeritus, Department of Physical Therapy and Rehabilitation Science, attended the 10th World Congress of Neurorehabilitation where he presented a symposium titled, “Functional Electrical Stimulation (FES): On the Road to Personalized Intervention” and a short oral presentation titled, “Functional Electrical Stimulation (FES). The Science is Strong, the Clinical Practice Not Yet—A Review of Evidence.” The conference was held in Mumbai, India, February 7–10.

- Chris D’Adamo, PhD, Assistant Professor, Department of Family & Community Medicine, presented at the 32nd Congressional Dietary Supplement Caucus briefing in Washington, DC in February. He presented a scientific perspective on advancements in sports nutrition and the role supplements play in optimal health and wellness.

- Natalie Davis, MD, MMSc, Assistant Professor, and Colleen Hughes Driscoll, MD, Assistant Professor; both from the Division of Neonatology, Department of Pediatrics, organized the 10th Annual Baltimore Washington Virginia Perinatal Consortium (BWVPC) conference, held February 8–9 at the Airlie Convention Center in Warrenton, VA. Established by Cynthia Bearer, MD, PhD, the Mary Gray Cobey Professor of Neonatology, Chief of Neonatology and Associate Chair for Research, Department of Pediatrics, the conference brings together faculty and fellows from the seven regional academic neonatology fellowship programs and provides a forum for trainees and junior faculty to present their research, practice moderating sessions, as well as network, and collaborate with other researchers in the region.

- Howard Dubowitz, MD, MS, FAAP, Professor, Department of Pediatrics, presented a one-day workshop for the Arizona Department of Health in Phoenix in February. The title of the presentation was “The Safe Environment for Every Kid (SEEK) Model: Promotion of Children’s Health, Development and Safety.” In addition, Dr. Dubowitz presented two lectures as the Harris Visiting Professor at Ninewells Medical Center in March. His topics were “Neglected Children: A Role for Child Health Professionals,” and “The Safe Environment for Every Kid (SEEK) Model: Promotion of Children’s Health, Development and Safety.”

- Robert Gallo, MD, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-founder and Director, Institute of Human Virology, presented the keynote lecture titled “Nightmares of an Aging Viral Oncologist” at the Venetian Institute of Sciences during the XV European LeukemiaNet Symposium of Viruses, Genes and Hematological Cancers, held in Venice, Italy, March 19–22.

- Karen Gordes, PT, DScPT, PhD, Assistant Professor, and Sandra McCombe-Waller, PT, PhD, MS, NCS. Associate Professor from the Department of Physical Therapy and Rehabilitation Science, presented “Building Collaborations Between Information Technology Students and Physical Therapy Students” as part of the lecture series hosted by the University of Maryland, Baltimore Health Sciences and Human Services Library. The presentation expanded on their IPE-grant funded collaboration with the University of Maryland Baltimore County, Department of Information Systems for UMB physical therapy students and UMBC information systems students to make custom devices for rehabilitation patients. The lecture took place on February 7, as a part of the Meet the Makers emerging technology speaker series.

- Gad Alon, PT, PhD

- Chris D’Adamo, PhD

- Howard Dubowitz, MB, ChB, MS, FAAP

- Robert Gallo, MD

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- Robert Gallo, MD

- Karen Gordes, PT, DScPT, PhD
Events, Lectures & Workshops continued

Linda Horn, PT, DScPT, MHS, GCS, NCS, Assistant Professor and Co-Director for Academic Affairs, DPT Program

Lauren Hughes

Mario Inacio, PhD, Postdoctoral Fellow

Chrisla Nelson, PT, DPT, PhD, OCS, Assistant Professor

Wan-Wen Liao, PhD Candidate

Laurie Neely, PT, DPT, NCS, Assistant Professor

Mark Rogers, PT, PhD, FAPTA, George H. Heburn Dysanplint Professor and Chair

Mary Rodgers, PT, PhD, FAPTA, FASB, FISB, Professor Emeritus

Douglas Savin, PT, PhD, Assistant Professor

Avelino Vercelles, MD, Associate Professor, Department of Medicine

Sandy McCombe Waller, PT, PhD, MS, NCS, Associate Professor

Maureen Walter, PT, DPT

Chris Wells, PT, PhD, Associate Professor (Adjunct Faculty II)

Jill Whitall, PhD, Professor

Zeljko Vujaskovic, MD, PhD, Professor, Department of Radiation Oncology, was invited to present at the First Russian Scientific and Education Congress, held February 15–18, in Moscow. The lecture was titled “Hyperthermia and Proton Therapy.”

were among the co-authors on “In Vitro-in Vivo Correlations for Nicotine Transdermal Delivery Systems Evaluated by Both In Vitro Skin Permeation (IVPT) and In Vivo Serum Pharmacokinetics Under the Influence of Transient Heat Application” in the Journal of Controlled Release, 2018 Jan 28.

Ronald Gartenhaus, MD, Professor, Department of Medicine, was the corresponding author on “Fatty Acid Synthase Induced S6Kinase Facilitates USP11-eIF4B Complex Formation for Sustained Oncogenic Translation in DLBCL” in Nature Communications, 2018 Feb 26.

Thomas Grissom, MD, Associate Professor, Department of Anesthesiology, authored “Management of the Trauma Patient on Direct Oral Anticoagulants” in Current Anesthesiology Reports, March 2018.

Linda Horn, PT, DScPT, MHS, GCS, NCS, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was the author of Chapter 18: “Vestibular Examination and Intervention” in Physical Therapy for the Older Adult: Examination and Intervention: An Evidence Based Approach, published by Wolters Kluwer Health, 2017 Sep. 27.

William Jackson, PhD, Assistant Professor, Department of Microbiology and Immunology, along with Carolyn Coyne of the University of Pittsburgh Medical Center, co-edited the book Enterovirus: Outwits, Molecular Biology, and Control, 2018 Jan 31. Published by Horizon Press, it is a comprehensive look at modern studies of enteroviruses and includes a chapter by Dr. Jackson titled “The Autophagic Pathway and Enterovirus Infection.”

Kimia Khahatbadi Kani, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Anterior Cruciate Ligament Fixation Devices: Expected Imaging Appearance and Common Complications” in the European Journal of Radiology, 2018 Feb.

Karen Kostoff, MD, Professor, Department of Pediatrics and Division Head, Pediatric Infectious Diseases and Tropical Medicine, was among the co-authors on “Global Disability-Adjusted Life-Year Estimates of Long-Term Health Burden and Undernutrition Attributable to Diarrhoeal Diseases in Children Younger than 5 Years” in Lancet Global Health, 2018 Mar.

Young Kwok, MD, Associate Professor, Adeel Kaiser, MD, Assistant Professor, Stephanie Rice, MD, Resident, Randi Cohen, MD, MS, Assistant Professor, and Mark Mishra, MD, Assistant Professor, all from the Department of Radiation Oncology, authored “Recent Advances in Radiation Oncology: Multimodal Therapy for the Older Adult: Examination and Intervention” in Physical Therapy for the Older Adult: Examination and Intervention: An Evidence Based Approach, published by Wolters Kluwer Health, 2017 Sep. 27.

Karen Kostoff, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, were among the authors on “CT Prediction Model for Major Arterial Injury After Blunt Pelvic Ring Disruption” in Radiology, 2018 Mar 20.

Samir El-Kamary, MB, ChB, MPH, Associate Professor, Department of Epidemiology & Public Health, Wilbur Chen, MD, MS, Associate Professor, Department of Medicine, and Melissa Billington, Nurse Research Assistant, Institute for Global Health, were among the co-authors on “Herbs and Spices Increase Liking and Preference for Medicine, was among the co-authors on “Clinical Cardiac Amyloidosis Phenotyping of Transthyretin Cardiac Amyloidosis of Medicine, was among the authors on “Recent Advances in Radiation Oncology: Multimodal
**Honors & Awards**

**Congratulations to the following who have received honors!**

- **Clement Adebamowo, MB, ChB, ScD, FWACS, FACS, Professor:** Department of Epidemiology and Public Health and Director for Global Health Cancer Research, has been named a 2018 Fellow of the American Society of Clinical Oncology (ASCO). Dr. Adebamowo will be honored at the opening session of the ASCO annual meeting in Chicago on June 2. ASCO Fellows are awarded this prestigious award in recognition for their extraordinary volunteer service, dedication, and commitment to the clinical oncology association.

- **At the American Physical Therapy Association’s (APTA) Annual Combined Sections Meeting, which was held in New Orleans, February 21-24, Victoria Marchese, PT, PhD, Associate Professor, Department of Physical Therapy and Rehabilitation Science, was honored at the Foundation for Physical Therapy’s Annual Donor Reception for being awarded the 2017 Snyder Research Grant. In addition, Chelsea David, PT, DPT, OCS; Roy Film, PT, DPT, OCS, FAAMPT, Assistant Professor; and Christa Nelson, PT, DPT, PhD, OCS, Associate Professor, were recognized at the American Board of Physical Therapy Specialties Recognition Ceremony. The ceremony recognizes newly certified and recertified clinical specialists in the APTA’s eight approved areas of board certification. Both receptions took place on February 21.**

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**Publications continued**

- Kathleen Neuzil, MD, Erik Lillehoj, PhD, Michelle Pearce, PhD, Organization, “Spectrum of Coronary Artery Aneurysms: From the Radiologic Pathology Archives” in Radiographics, 2018 Jan-Feb. Separately, Dr. Frazier authored “Coronary Artery Aneurysm Formation: Kawasaki Disease Versus Atherosclerosis,” which was also published in the same issue.

- Myron Levine, MD, DTPH, the Simon and Bessie Grollman Distinguished Professor and Associate Dean for Global Health, Vaccinology and Infectious Diseases, and Rachael Simon, PhD, Associate Professor, both from the Department of Medicine, authored “The Vaccine Form: Is Unbearable Typhoid Fever on the Way?” in mBio, 2018 Mar 20.

- Erik Lillehoj, PhD, Associate Professor, Department of Pediatrics, was a co-author on “Growth Promoting and Antioxidant Effects of Magnolia Bark Extract in an Experimental Model of Necrotic Enteritis” in Current Developments in Nutrition, 2018 Feb 20.

- Bing Ma, PhD, Research Associate, and Jacques Ravel, PhD, Professor and Associate Director, Genomics, Institute for Genome Sciences; both from the Department of Microbiology and Immunology, were among the co-authors on “Differential Immune Responses and Microbiota Profiles in Children with Autism Spectrum Disorders and Co-Morbid Gastrointestinal Symptoms” in Brain, Behavior, and Immunity, 2018 Mar 20.

- Mark Mishra, MD, Assistant Professor, Department of Radiation Oncology, was among the authors on “Impact of United States Preventive Services Task Force Recommendations on Utilization of Prostate-Specific Antigen Screening in Medicare Beneficiaries” in the American Journal of Clinical Oncology, 2018 Feb 16.

- Kathleen Neuzil, MD, MPH, FIDSA, Professor, Department of Medicine and Director, Center for Vaccine Development, was among the co-authors on “Global Influenza Seasonality to Inform Country-level Vaccine Programs: An Analysis of WHO FluNet Influenza Surveillance Data between 2011 and 2016” in PLoS One, 2018 Feb 21. Separately, Dr. Neuzil wrote “Quantifying the Impact of Maternal Influenza Vaccination: Beyond Laboratory” in The Pediatric Infectious Disease Journal, 2018 Feb 24.

- Justin Ortiz, MD, MS, Associate Professor, Department of Medicine, authored “The Challenge of Vaccine Policy-making with Imperfect Data” in Clinical Infectious Diseases, 2018 May 10.

- Michelle Pearce, PhD, Assistant Professor, Department of Family and Community Medicine, was lead author on “Spiritually Integrated Cognitive Processing Therapy: A New Treatment for Post-Traumatic Stress Disorder That Targets Moral Injury” in Global Advances in Health & Medicine, 2018 Feb. In addition, Dr. Pearce was a co-author on “Military Veterans’ Preferences for Incorporating Spirituality in Psychotherapy or Counseling” in Professional Psychology: Research and Practice, 2018 Feb.

- Colin Robertson, Anne-Marie Hansen, PhD, Assistant Professor, Tracy Hazen, PhD, Research Associate, James Kaper, PhD, Professor and Chair, and Wee Askao, PhD, Professor, all from the Department of Microbiology and Immunology, were among the co-authors of “Phosphotyrosine-Mediated Regulation of Enterohemorrhagic Escherichia coli Virulence” in mBio, 2018 Feb 27.

- Charles Resnik, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was last author on “Diagnostic Radiology Resident Recruitment Part I: Advice to Programs (and Program Directors) from Vice Chairs for Education” and “Diagnostic Radiology Resident Recruitment Part II: Advice to Applicants from Vice Chairs for Education” in Academic Radiology, 2018 Mar.

- Ron Samet, MD, Assistant Professor, Department of Anesthesiology, was a co-author on “Regional Anesthesia for the Acute Trauma Patient” in Current Anesthesiology Reports, 2018 Mar.

- Charles Simone, II, MD, Associate Professor, Department of Radiation Oncology, was among the authors on “Association Between Treatment at High-Volume Facilities and Improved Overall Survival in Soft Tissue Sarcomas” in the International Journal of Radiation Oncology, 2018 Mar.

- Mark Smith, PhD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “A Dedicated Breast-PET/CT Scanner: Evaluation of Basic Performance Characteristics” in Medical Physics, 2018 Feb 1.

- Zeljko Vujaskovic, MD, PhD, Professor, Department of Radiation Oncology, was among the authors on “Effect of Neoadjuvant Chemotherapy Plus Regional Hyperthermia on Long-Term Outcomes Among Patients with Localized High-Risk Soft Tissue Sarcoma: The EORTC 69261-ESHO 95 Randomized Clinical Trial” in JAMA Oncology, 2018 Feb.

- Melissa Vyhuis, MD, PhD, Resident, Jason Molitoris, MD, PhD, Resident, Elizabeth Nichols, MD, Assistant Professor, Mohan Sunharalingam, MD, Professor, Shahed Badryan, MD, Assistant Professor, and Prashnu Mohindra, MD, Assistant Professor; all from the Department of Radiation Oncology, were among the authors on “Corrigendum to ‘Clinical Outcomes of Black vs. Non-Black Patients with Locally Advanced Non-Small Cell Lung Cancer’ [Lung Cancer 114, (December 2017) 44-49]” in Lung Cancer, 2018 Feb.

- Yan Wang, MD, DrPH, Assistant Professor, Erin Hager, PhD, Associate Professor, and Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics; all from the Department of Pediatrics, were co-authors on “A Randomized Safety Promotion Intervention Trial Among Low-Income Families with Toddlers” in Injury Prevention, 2018 Feb 24.

- Li-Qun Zhang, PhD, Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author on “Ideal Characteristics of a Laser-Protected Endotracheal Tube: ABEA and AHNS Member**
Jonathan Bromberg, MD, PhD, Professor, Department of Surgery, received a five-year, $1,250,000 grant from the National Institute for Diabetes and Digestive and Kidney Disease for “University of Maryland Mid-Atlantic Clinical Center for the APOLLO Research Network.” Matthew Weir, MD, Professor, Department of Medicine, will be a co-principal investigator.

Niel Constantine, PhD, Professor, Department of Pathology, Institute of Human Virology, was awarded $498,976 for one year to support efforts for “The USAID Global Health Supply Chain QA Program” to assess the performance characteristics of diagnostic test kits and to provide technical assistance.

Megan Fox, PhD, Postdoctoral Fellow, Department of Anatomy and Neurobiology, received a three-year $172,926 Ruth L. Kirchstein NRSA Individual Postdoctoral Fellowship from the National Institute of Mental Health for “Molecular Mechanisms of Dendritic Remodeling in Depression.”

Cheng-Ying Ho, MD, PhD, Assistant Professor, Department of Pathology, received five-year $891,000 National Clinical Scientist Research Career Development Award (K08) from the National Institute of Neurological Disorders and Stroke for the project “The Role of Skin BDNF in the Maintenance of the Cutaneous Mechanosensory Nervous System” to determine the role of the skin-derived neurotrophic factor BDNF in the maintenance of cutaneous mechanosensory neurons and prevention of diabetic neuropathy.

Gaurav Jindal, MD, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded $126,350 from Microvention, Inc/Semmes-Murphy Foundation for “Ruptured Aneurysms Treated with Hydrogel Coils (RAGE)” to determine safety and occlusion rates when hydrogel coils are used in the treatment of ruptured intracranial aneurysms.

Javed Mahmood, PhD, Assistant Professor, Department of Radiation Oncology, was awarded $120,000 from the William and Ella Owens Medical Research Foundation for “Elucidation of the Effects of Radiotherapy, Hyperthermia, and Immunotherapy (tripartite treatment) in Combination with Chemotherapy in a Mouse Pancreatic Cancer Model.” Dr. Mahmood was also awarded $30,000 from the American Cancer Society for an institutional research grant through the Greenebaum Comprehensive Cancer Center for “Mitigating Cav-1 Mediated Radiosensitivity in Lung Cancer.”

Hervé Tettelin, PhD, Associate Professor, Department of Microbiology and Immunology, and Vonetta Edwards, PhD, Postdoctoral Fellow, in the laboratory of Jacques Ravel, PhD, both from the Institute for Genome Sciences, received a $432,874 two-year R21 award from the National Institutes of Health for “Omics-based Identification of Novel Vaccine Targets Against Neisseria gonorrhoeae.” Dr. Tettelin will be a Principal Investigator. Separately, Dr. Tettelin received a $69,388 two-year R01 subcontract award from the University at Buffalo, State University of New York for “Harnessing the Oral Microbiome to Provide Novel Glycan-Binding Probes.”

Yan Wang, MD, DPh, Assistant Professor, Department of Pediatrics, received a $157,095 R03 grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) for “Food Insecurity and Neighborhood Food Environment: Links to Children’s Growth, Academic Performance and Behavior.”

Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, is a co-investigator. Separately, Dr. Black serves as a primary mentor to Doris Yimgang, MPH, Doctoral Candidate, Department of Epidemiology & Public Health, who received an F31 award, also from NICHD, to conduct her dissertation research “Association Between Deficiency With or Without Anemia and Child Development Among Infants: Cross-Sectional and Longitudinal Analyses.”

Natalie Zlebnik, PhD, Postdoctoral Fellow, Department of Anatomy and Neurobiology, received a three-year, $183,234, National Research Service Award (NRSA) for “Endocannabinoid Regulation of CorticoRstral Network Activity in an Animal Model of Cocaine Relapse.”

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 realm of the categories listed here) that you would like to see in the Buzz to the appropriate people within your department, program, center or office.

Academic Performance and Behavior.”

Research Communications Network

Grants & Contracts

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

Jonathan Bromberg, MD, PhD
Megan Fox, PhD
Niel Constantine, PhD
Gaurav Jindal, MD
Javed Mahmood, PhD
Hervé Tettelin, PhD
Yan Wang, MD, DPh

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Development: TBD
Faculty Affairs: Roberta Simpson rsimpson@som.umaryland.edu
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Student Research: Jean Marie Roth jroth@som.umaryland.edu

Attention 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