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

- **Hummira Abawi, DPM, Instructor**, and Jacob Wynes, DPM, FACFAS, Assistant Professor, both from the Department of Orthopaedic surgery at the Baltimore Limb Deformity Course in September 2018. Dr. Abawi's presentation was “Minimally Invasive Bunion Surgery: Methods and Outcomes,” and Dr. Wynes' presentation was “Alphabet Soup of Foot and Ankle Alignment: Frontal, Sagittal, and Transverse Planes.”

- **Carissa Baker-Smith, MD, MS, MPH, FAAP, FAHA**, Assistant Professor, Department of Pediatrics, presented Grand Rounds at Franklin Square Hospital in November 2018. Her presentation was titled “Pediatric Hypertension: An Update and Renewed Focus on the Prevention of Cardiovascular Disease in Youth.”

- **Maureen Black, PhD**, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, gave the following presentations:
  - “Advances in Early Child Development: A Pathway to Equity” at Children's Hospital Research Institute of Manitoba, Winnipeg, Canada, on October 4, 2018.
  - “Responsive Feeding or Division of Responsibility: Two Sides of the Same Coin,” at the Food and Nutrition Conference Expo (FNCE), in Washington D.C., on October 21, 2018.

- **Niel Constantine, PhD**, Professor of Pathobiology, Institute of Human Virology, was accepted to present at the 2019 HIV Diagnostics Conference, March 25-28, 2019, in Atlanta, Ga. Dr. Constantine will present on “A Newer Generation of Rapid Assays: Detection of HIV and Sphyllis Simultaneously” and “A U.S. Government Quality Assessment Program to Determine the Suitability of a Large Number and Variety of Rapid Tests.”

- **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, delivered two oral presentations: “FDG PET/CT for Endocarditis Evaluation” and “FDG for the Evaluation of Arrhythmias,” along with co-chairing the “Cardiovascular Inflammation & Infection Imaging” session at the Society of Nuclear Medicine and Molecular Imaging Mid-Winter Scientific Sessions, which was held in Palm Springs, Calif., January 17-20, 2019.

- **Martin Flajnik, PhD**, Professor, Department of Microbiology, presented a seminar titled “Origins of Antigen Receptors and the Major Histocompatibility Complex: The Answer to Everything,” at the Department of Immunology, University of Pittsburgh on January 10, 2019.

- **Rachel Gore, ScM, CGC**, Instructor, Department of Pediatrics, presented a platform presentation of the 37th Annual National Society of Genetic Counselors Education Conference, held in Atlanta, Ga., in November 2018. The topic of her presentation was “Challenges to Informed Consent for Exome Sequencing: A Best-Worst Scaling Experiment.”

- **Rena Malik, MD**, Assistant Professor, Department of Surgery, was the senior author on a project presented at the Society of Women in Urology Annual Meeting on January 18, 2019 in Scottsdale, Ariz., titled “Perspectives of Parental Leave as a Practicing Physician in a Surgical Specialty.”

- **David Riedel, MD, MPH**, Associate Professor of Medicine, Institute of Human Virology, delivered a lecture titled, “HIV and Cancer: A Tale of Two Epidemics,” at the Department of Medicine Grand Rounds at Johns Hopkins University on January 11, 2019.

- In early 2018, a cadre of medical leaders from South Korea—including physicians, hospital administrators, the president of the university hospital, professors of public health service and policy, assistant secretary of defense, nurses and the chief strategy and finance officer—traveled to the University of Maryland Medical Center to learn about the operations of a high-performing trauma center. As a result of this visit, the Republic of Korea (ROK) Armed Forces are building a new trauma hospital— South Korea’s first military operated center—based on the R Adams Cowley Shock Trauma Center model. On August 31, 2018, the ROK Armed Forces had a groundbreaking ceremony, where Thomas Scalea, MD, the Honorable Francis X. Kelly Distinguished Professor in Trauma Surgery, offered words of congratulations on the new trauma hospital. The center will be a Level I trauma center that will care for both military and civilian casualties. Due to be completed in December 2019, the new trauma center will open for its first patients in early 2020.

- **Lynn Schriml, PhD**, Associate Professor of Epidemiology & Public Health, Institute for Genome Sciences, was invited to present “Framing the Context of Microbiome Composition, Movement and Roles” at the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory, Planetary Protection Group in Pasadena, Calif., January 8, 2019.

- **David Riedel, MD, MPH**

**Appointments**

We applaud our colleagues on their recent appointments!

- **Michael Grasso, MD, PhD, FACP**, Assistant Professor, Department of Medicine, has been selected as Chair of the Clinical Decision Support Working Group for the American Medical Informatics Association (AMIA). He will serve as Chair from January 2019 through December 2020.
Hats off to those who have been published!

**Joshua Abzug, MD, Associate Professor, and Nathan O’Hara, MHA, Research Associate, both from the Department of Orthopaedics, were among the co-authors of “Normal Ranges of Upper Extremity Length, Circumference, and Rate of Growth in the Pediatric Population,” which was e-published in *Hand (NY)* on February 1, 2019.**

**Odessa Addison, DPT, PhD, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author on “Body-Weight Goals, Trends, and Weight-loss Techniques Among Patients with Peripheral Arterial Disease,” which was published in the December 2018 issue of *Nutrition and Health.***

**Neha Amin, MD, Assistant Professor; Jill Remick, MD, Resident; and Manuj Agarwal, MD, Assistant Professor; all from the Department of Radiation Oncology, were among the authors of “Concurrent Radiation and Immunotherapy: Survey of Practice Patterns in the United States,” which was e-published in the December 2018 issue of the *American Journal of Clinical Oncology.***

**Bridge Armstrong, PhD, Postdoctoral Fellow, Department of Pediatrics, was lead author of “Cortisol Reactivity and Weight Gain Among Adolescents Who Vary in Prenatal Drug Exposure,” which was published in the December 2018 issue of *Pediatric Obesity* Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, was a co-author.**

**Carissa Baker-Smith, MD, MPH, MS, Assistant Professor, Department of Pediatrics, was among the co-authors of “Cardiovascular Disease in the Young, Science and Clinical Education Lifelong Learning Committee: Year in Review,” which was published in the *Journal of the American Heart Association* on November 1, 2018.**

**Kelley Banagan, MD, Assistant Professor; Eugene Koh, MD, PhD, Associate Professor; Steven Ludwig, MD, Professor; and Daniel Gelb, MD, Professor and Vice Chairman, all from the Department of Orthopaedics, were senior authors of “Outcomes of Multi-Level Vertebroectomy for Spondylodiscitis,” which was published in the August 2018 issue of *Spine Journal.* Separately, Dr. Koh was the senior author of “Origins of Eponymous Instruments in Spine Surgery,” which was published in the September 2018 issue of *Journal of Neurosurgery.***

**Maureen Black, PhD, the John A. Scholl, MD and Mary Louise Scholl, MD Professor in Pediatrics, was a co-author of “Initial Management of the Child with Congenital Heart Disease,” which was included in the third edition of *Pediatric Fundamental Critical Care* (PFCCS) published by the Society of Critical Care Medicine. The PFCCS course and its companion text book, which is published in several languages, prepares non-intensivists, nurses and critical care practitioners to recognize, resuscitate and manage the critically-ill pediatric patient for the first 24 hours until transfer or appropriate critical care consultation can be arranged.**

**Rao Gullapalli, PhD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “The Feasibility of Integrating Resting-State fMRI Networks into Radiotherapy Treatment Planning,” which was e-published in the *Journal of Medical Imaging and Radiation Sciences* on November 13, 2018. Separately, Dr. Gullapalli was quoted in the article profiling this ground-breaking work in “Resting-state fMRI Fine Tunes Brain Radiotherapy Plans,” which was published in *Physics World* on January 8, 2019.**

**R. Frank Henn III, MD, Associate Professor; Robert O’Toole, MD, the Hansjörg Wyss Medical Foundation Endowed Professor in Orthopaedic Trauma, Nathan O’Hara, MHA, Research Associate; and Marcus Sciacini, MD, Assistant Professor; all from the Department of Orthopaedics, were among the co-authors of “Construct Validation of a Novel Hip Fracture Fixation Surgical Simulator,” which was published in the *Journal of the American Academy of Orthopaedic Surgeons.***

**Brenda Hussey-Gardner, PhD, MPH, Associate Professor; Alison Falck, MD, Assistant Professor;**

**Termeh Feinberg, PhD, MPH, Postdoctoral Fellow; Susan Wieland, PhD, MPH, Assistant Professor; Mary Bahr-Robertson, Research Coordinator; all from the Department of Family & Community Medicine and the Center for Integrative Medicine, were co-authors on “Polyherbal Dietary Supplementation for Prediabetic Adults: Study Protocol for a Randomized Controlled Trial,” which was published in *Trials* on January 7, 2019.**

**Vasken Dilisizian, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was a co-author on “Aminophylline Shortage and Current Recommendations for Reversal of Vasodilator Stress: An ACCF Information Statement Endorsed by SCMR,” which was published in the December 2018 issues of the *International Journal of Nuclear Cardiology* and the *Journal of Cardiovascular Magnetic Resonance.***

**Sara Dudley, MD, Clinical Instructor, Department of Radiation Oncology, was the senior author of “Outcomes and Characteristics of Patients Treated with Emergent Palliative Radiotherapy,” which was e-published in *Palliative Radiology & Oncology* on December 7, 2018.**

**Kyle Fisher, MD, MPH, Clinical Assistant Professor, Department of Emergency Medicine, is the lead author of the review article titled “Trauma-Informed Care for Viitently Injured Patients in the Emergency Department,” which has been accepted by *Annals of Emergency Medicine* and is available at the journal’s website.**

**Dheeraj Gandhi, MBBS, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Risk of Radiation-Induced Cancer from Computed Tomography Angiography Use in Imaging Surveillance for Unruptured Cerebral Aneurysms,” which was published in *Stroke* on December 7, 2018.**

**Ana Lia Graciaco, MD, FAAP, FCCM, Associate Professor, Department of Pediatrics, authored a book chapter titled, “Initial Management of the Child with Congenital Heart Disease,” which was published in *Practical Radiation Oncology* on December 30, 2018.**

**Rao Gullapalli, PhD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the last author of “The Feasibility of Integrating Resting-State fMRI Networks into Radiotherapy Treatment Planning,” which was e-published in the *Journal of Medical Imaging and Radiation Sciences* on November 13, 2018. Separately, Dr. Gullapalli was quoted in the article profiling this ground-breaking work in “Resting-state fMRI Fine Tunes Brain Radiotherapy Plans,” which was published in *Physics World* on January 8, 2019.**

**R. Frank Henn III, MD, Associate Professor; Robert O’Toole, MD, the Hansjörg Wyss Medical Foundation Endowed Professor in Orthopaedic Trauma, Nathan O’Hara, MHA, Research Associate; and Marcus Sciacini, MD, Assistant Professor; all from the Department of Orthopaedics, were among the co-authors of “Construct Validation of a Novel Hip Fracture Fixation Surgical Simulator,” which was published in the *Journal of the American Academy of Orthopaedic Surgeons.***

**Brenda Hussey-Gardner, PhD, MPH, Associate Professor; Alison Falck, MD, Assistant Professor;**

**Svetlana Chapoval, MD, PhD, Visiting Assistant Professor of Microbiology and Immunology, Center for Vascular and Inflammatory Diseases, co-authored “Neuroimmune Semaphorin 4A in Cancer Angiogenesis and Inflammation: A Promoter or a Suppressor?” which was published in the *International Journal of Molecular Sciences* on December 30, 2018.**

**Robert Creath, PhD, Assistant Professor, and Mark Rogers, PT, PhD, FAPTA, Volunteer Adjunct Professor, both from the Department of Physical Therapy and Rehabilitation Science, were among the co-authors of “Low-Dose Hip Abductor-Adductor Power Training Improves Neuromechanical Weight-Transfer Control During Lateral Balance Recovery in Older Adults,” which was published in the December 2018 issue of *Clinical Biomechanics.***
In the News

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

Colleen Hughes Driscoll, MD, Assistant Professor, Department of Pediatrics, was interviewed by Rueters Health on the impacts of rooming-in practices and neonatal falls. The article focuses on Dr. Hughes Driscoll's recent publication in "Fatigue and Shortness of Breath in an 18-year-old Girl," which was published in the December 2018 issue of Pediatrics in Review.

Jason Nascone, MD, Associate Professor; Marcus Sciadini, MD, Professor; Theodore Manson, MD, Associate Professor; Christopher LeBrun, MD, Assistant Professor; and Robert O’Toole, MD, the Hansjörg Wyss Medical Foundation Endowed Professor in Orthopaedic Trauma; all from the Department of Orthopaedics, were among the co-authors of "Risk Factors for Knee Stiffness After Tibial Plateau Fracture Fixation," which was published in the September 2018 issue of the Journal of Orthopaedic Trauma. Separately, Drs. O’Hara and Toole, and Theodore Manson, MD, Associate Professor, also from the Department of Orthopaedics, were among the co-authors of "Radiographic Predictors of Symptomatic Locking Screw Removal after Treatment of Tibial Fractures with Intramedullary Nails," which was published in the September 2018 issue of Injury. In addition, Drs. O’Hara, Toole, and Mason were among the authors of "Variations in the Organisms Causing Deep Surgical Site Infections in Fracture Patients at a Level I Trauma Center (2006–2015)," which was published in the December 2018 issue of the Journal of Orthopaedic Trauma.

Elizabeth Parker, MD, PhD, Assistant Professor, Department of Family & Community Medicine, was among the authors of "Friends and Family: How African American Adolescents’ Perceptions of Dietary Beliefs And Behaviors of Others Relate to Diet Quality," which was published in the December 2018 issue of the Journal of Academy of Nutrition and Dietetics.

Marcus Sciadini, MD, Associate Professor, Department of Orthopaedics, and Chief of Orthopaedics at the University of Maryland Medical Center Midtown Campus, is the senior author of "The Use of External Fixation for the Management of the Unstable Anterior Pelvic Ring," which was published in the September 2018 issue of the Journal of Orthopaedic Trauma.

Angela Trude, PhD, Postdoctoral Fellow, Department of Pediatrics, was lead author of "The Impact of a Multilevel Childhood Obesity Prevention Intervention on Healthish Food Acquisition, Preparation, and Fruit and Vegetable Consumption on African-American Adult Caregivers," which was published in Public Health Nutrition on November 22, 2018. Separately, Dr. Trude was the author of "A Multilevel, Multicomponent Childhood Obesity Prevention Group-Randomized Controlled Trial Improves Healthish Food Purchasing and Reduces Sweet-Snack Consumption Among Low-Income African-American Youth," which was published in the Journal of Nutrition on October 29, 2018.

L. Susan Wieland, PhD, MPH, Assistant Professor of Family & Community Medicine, Center for Integrative Medicine, was co-author of "Acupuncture and Related Interventions for the Treatment of Symptoms Associated with Carpal Tunnel Syndrome," which was published in the Cochrane Database of Systematic Reviews on December 2, 2018. Dr. Wieland also authored "Psychological Interventions for Needle-Related Procedural Pain and Distress in Children and Adolescents: Summary of A Cochrane Review," which was published in Explore (NY) on November 16, 2018.
Niel Constantine, PhD, MT, Professor of Pathology, Institute of Human Virology, was awarded $457,395 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.

Meagan Fitzpatrick, PhD, Research Associate of Medicine, Center for Vaccine Development, received a five-year, $649,319 grant from the National Institute of Allergy and Infectious Diseases (NIH/NAIID) for “Mathematical modeling to optimize rotavirus vaccination in Sub-Saharan Africa.”

Dheeraj Gandhi, MBBS, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded $133,883 from MicroVention, Inc. for “PHIL DAVF: Study of Phil Embolic System in the Treatment of Intracranial Dural Arteriovenous Fistulas.” This is a prospective, multicenter, single-arm, clinical study evaluating outcomes in subjects with intracranial dural arteriovenous fistulas treated with PHIL device.

Gaurav Jindal, MD, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded $126,350 from MicroVention, Inc. for “Ruptured Aneurysms Treated with Hydrogel Coils-RAGE.” This is a prospective, single-arm, multicenter, international post-market study to determine occlusion rates and safety when hydrogel coils are used in the treatment of ruptured intracranial aneurysms.

David Serre, PhD, Associate Professor of Microbiology & Immunology, Institute for Genome Sciences, received two grants from the National Institute of Allergy and Infectious Diseases (NIH/NAIID). Each is a two-year, $275,000 R21, one for “Comprehensive Characterization of Intestinal Parasites in Infants and Their Impact on Diarrhea,” and the second for “Analyses of Transcriptomes from Individual Plasmodium sporozoites Using scRNA-seq.”

Matthew Truebald, PhD, Associate Professor, Department of Physiology, received a four-year, $1,321,001 R01 Grant from the National Institute of General Medical Sciences (NIH/NIGMS) for “Conformational Dynamics of hERG Ion Channels.”

Emerson Wickwire, PhD, Associate Professor of Psychiatry, was awarded a $322,126 contract from Merck for “Insomnia Treatments in Medicare Beneficiaries with Alzheimer’s Disease.”

Grants & Contracts

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

Honors & Awards

Congratulations to the following who have received honors!

Nariman Balenga, MD, Assistant Professor, Department of Surgery, received the Early Career Award for Translational and Clinical Pharmacology from the American Society for Pharmacology and Experimental Therapeutics (ASPET) in January 2019.

David Feliciano, MD, Clinical Professor, Department of Surgery, was one of 38 surgeons in the United States inducted into the American College of Surgeons (ACS) inaugural class of the ACS Academy of Master Surgeons Educators.

Mira Gheimeh, MD, Assistant Professor, Department of Surgery, was awarded the 2019 Eastern Association for the Surgery of Trauma Junior Investigator Award, during the 32nd EAST Annual Scientific Assembly, January 15–19, 2019.

The Gold Humanism Honor Society Class of 2019, University of Maryland School of Medicine, will be awarding Wendy Hackshaw, Academic Service Specialist, Program in Trauma, the Art Cohen Award for her dedication to ensuring the standards of care are “wonderful” Shock Trauma rotation. In addition, David Gens, MD, Professor, Department of Surgery, will be awarded the Leonard Tow Humanism in Medicine Award at the Gold Humanism Honor Society ceremony in March.

Bankole Johnson, DSc, MD, FRCPsych, DFAPA, FACEI, the Dr. Irving J. Taylor Professor and Chair, Department of Psychiatry, was awarded the R. Brinkley Smithers Distinguished Scientist Award in honor of his highly meritorious contributions in advancing the scientific understanding of alcoholism, its prevention, and treatment. American Society of Addiction Medicine (ASAM) established the R. Brinkley Smithers and Distinguished Scientist Award and Lecture in 1995 as a lasting tribute to R. Brinkley Smithers who influenced American alcoholism policy, theory, and treatment.

Research Communications Network

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

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

Hannah Andrews
handrews@som.umaryland.edu

OR

You may submit your Buzz items online: https://umbforms.wufoo.com/forms/z150ub5x10bz167/