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

> Nariman Balenga, PhD, Assistant Professor, Department of Surgery, gave a talk on his lab’s recent discoveries on adhesion-dependent protein-coupled receptors and their function in endothelial neoplasia at the Gordon Research Conference (Phosphorylation and G-Protein Mediated Signaling Networks), which was held in Biddeford, ME, June 3–8.

> Katherine Bisordi, MS, CGC, CGC, Instructor, Department of Pediatics, conducted a Telegenetics Training Program held in Baltimore, MD. This program included a series of webinars and workshops aimed at providing training on telegenetics to medical genetics providers (physicians, nurses, and genetic counselors) selected by a New York Mid-Atlantic Consortium (NYMAC) Regional Genetics Network. The program was developed as part of a NYMAC-funded grant to expand clinical telegenetics and develop a regional training program.

> Vasken Dilsizian, MD, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation titled “Advances in Cardiac PET and Potential Implications for Renal Imaging” at the Renal Imaging Workshop, sponsored by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). The meeting was held at the Natcher Conference Center of the National Institutes of Health, Bethesda, MD, July 12–13.

> Howard Dubowitz, MB, ChB, MS, FAAP, Professor, Department of Pediatrics, presented “The Safe Environment for Every Kid (SEEK) Model: Promotion of Children’s Health, Development and Safety” at the WHO Nordic Baltic Workshop on Child Maltreatment Prevention in Vilnius, Lithuania, June 18–19.

> Alena Egense, MGC, CGC, Instructor, Department of Pediatrics, conducted a workshop at the Cornelia de Lange Syndrome (CdLS) Family Conference held in Minneapolis, MN, in June. The topic of the workshop was titled “Genetic Testing: How to Read Your Child’s Test Results” and included review of genetics and current genetic testing in CdLS for families with a child with CdLS.

> Ricardo Feldman, PhD, Associate Professor, Department of Microbiology and Immunology, gave an invited talk at the Recent Advances in Rare Diseases (RARD 2018) meeting, held in New Delhi, India, May 3–5. The title of his talk was: “IPS Cells in Gaucher—A New Chapter in an Old Story.”

> On June 25, Brian Johnson, OTR/L, Occupational Therapist, Graduate Research Assistant, and Kelly Westlake, PhD, MSc, PT, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, presented a poster at the 3rd Annual Johns Hopkins University Sleep & Circadian Research Day, titled “Enhancing Sensorimotor Skill Performance in Healthy Young Adults via Targeted Memory Reactivation during a Nap.”

> Karen Kotloff, MD, Professor of Pediatrics, Associate Director for Clinical Research, Center for Vaccine Development and Global Health, on May 8–9, spoke in Geneva Switzerland on “The Global Burden of Shigellosis Disease,” as part of the WHO Consultation on Product Development and Policy Pathways for O-antigen Based Conjugate Shigella Vaccines.

> Myron Levine, MD, DTPH, the Simon and Besie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases, presented two lectures at Tel Aviv University’s Summer Institute of Advanced Epidemiology and Preventive Medicine on July 10 and 11. The talks were “The Development Path of PaxVax CVD 103-HgR Single-Dose Live Oral Cholera Vaccine Stockpiling and Role of Cholera Vaccines in Global Public Health Emergency,” and “From Disease Burden to Vaccine Development: Enteric Vaccines Priorities in View of the Global Enterics Multi-Center Study (GEMS) Findings.”

> Vincent Njar, PhD, Professor, Department of Pharmacology, presented a Plenary Lecture “Development of Next Generation Galectorone Analogos for Prostate and Pancreatic Cancers Therapy” at the International Symposium on Pharmaceutical Sciences (ISOPS-12) held June 26–29 in Ankara, Turkey.

> Habreba Park, MD, Assistant Professor, Department of Surgery, and Thomas Scala, MD, The Hon. Francis X. Kelly Distinguished Professor in Trauma Surgery, Director of the Program in Trauma, and Physician-in-Chief for the Shock Trauma Center, conducted a “Stop the Bleed” training session in the Office of the Dean on July 24. The “Stop the Bleed” campaign is an initiative of the American College of Surgeons and the Hartford Consensus, which offers classes throughout the county to teach basic bleeding control. The program contains diagrams, news, videos, and other resources to help one prepare in the event of a bleeding emergency.

> Alan Rathbus, PhD, MPH, Research Associate, Department of Epidemiology & Public Health, was selected for a press conference for his presentation titled “Depression Risk Higher Among Knee OA Patients with Greater Disease Severity,” at the EULAR Annual Congress. The EULAR Annual Congress was held June 13–16 in Amsterdam.

> Saima Riazuddin, PhD, MPH, MBA, Professor, and Zohair Ahmed, PhD, Professor, both from the Department of Otorhinolaryngology–Head & Neck Surgery, presented “Variants of PPIP5K2 are Associated with Hearing Loss in Human and Mice” and “Usher Syndrome Proteins Role in the Structure and Function of Inner Ear,” respectively, at Seoul National University on June 21 in Seoul, South Korea. In addition, Drs. Riazuddin and Ahmed presented at the Annual Korean Otologic Research Conference on June 23 in Mujuo, South Korea. Dr. Ahmed’s presentation was titled, “Role of Usher Syndrome Proteins in the Structure and Function of Inner Ear Mechanotransduction” and Dr. Riazuddin presented on “Modiﬁer Variant of METTL13 Suppresses GAB1-Associated Profound Deafness.” On June 25, Drs. Riazuddin and Ahmed presented at Yonsei University, in Seoul, South Korea on “Role of Mrz Enzymes in Aging of Inner Ear and Hearing Function” and “Ear and Eye Sensory Cells Development: Lesson Learned from the Genetics of Usher Syndrome,” respectively.

> Kathy Strauss, Research Associate, Center for Vaccine Development and Global Health, will have her artwork on display at the Health Sciences and Human Services Library (HS/HSL) Weise Gallery from July 2 through August 17. Her exhibit is titled “Natura Naturans.”

> Karen Kotloff, MD, Professor of Pediatrics, Associate Director for Clinical Research, Center for Vaccine Development and Global Health, on May 8–9, spoke in Geneva Switzerland on “The Global Burden of Shigellosis Disease,” as part of the WHO Consultation on Product Development and Policy Pathways for O-antigen Based Conjugate Shigella Vaccines.
Rehabilitation Science, was among the authors of “Aging Differentially Affects Online Control and Offline Control in Finger Force 2 Production” published in *PLOS ONE* on May 31, 2018.

- **Karen Kotloff, MD**, Professor of Pediatrics and Associate Director for Clinical Research, Center for Vaccine Development and Global Health, was among the co-authors of “Morbidity, Mortality, and Long-Term Consequences Associated with Diarrhea in Cryptosporidium Infection in Children Younger Than 5 Years: A Meta-Analyses Study,” published in the July 2018 issue of *The Lancet Global Health*. Separately, Dr. Kotloff, Myron Levine, MD, DTPH, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases, and James Nataro, MD, PhD, Adjunct Professor, Department of Pediatrics, were among the co-authors of “Pneumonia Mortality and Healthcare Utilization in Young Children in Rural Bangladesh: A Prospective Vital Autopsy Study,” published in *Tropical Medicine and Health* on May 25, 2018.

- **Erik Lillehej, PhD**, Associate Professor, Department of Pediatrics, was a co-author on “Antibiotic Growth Promoters Vitaminamin B and Bacitracin Methylene Disalicylate Alter the Intestinal Metabolome,” published in *Scientific Reports* on February 26, 2018.

- **Siamak Moayed, MD**, Assistant Professor, Michael Witting, MD, MS, Professor; Jon Mark Hirshon, MD, PhD, Professor; and Stephen Schenkel, MD, MPP, Associate Professor; all from the Department of Emergency Medicine, were the authors of “Prospective, Randomized Controlled Comparison of a Flash-Tip Catheter and a Traditional Intravenous Catheter in an Urban Emergency Department,” published in the July 2018 issue of *The Journal of Vascular Access*. Medical students Nicholas George and Alise Burke, were also co-authors.

- **Kathleen Neuville, MD, MPH, FIDSA**, Professor of Medicine and Pediatrics, Director of the Center for Vaccine Development and Global Health, was among the co-authors of “A Public Health Evaluation of 13-Valent Pneumococcal Conjugate Vaccine Impact on Adult Disease Outcomes from a Randomized Clinical Trial in the Netherlands,” published in *Vaccine* on May 19, 2018. Separately, Dr. Neuville and Justin Ortiz, MD, MS, Associate Professor of Medicine, Center for Vaccine Development and Global Health, were among the co-authors of “Implementation of Maternal Influenza Immunization in El Salvador: Experiences and Lessons Learned from a Mixed-Methods Study,” published in *Vaccine* on June 27, 2018. In addition, Dr. Neuville and Dr. Ortiz were among the co-authors of “Forecasting Demand for Maternal Influenza Immunization in Low- and Lower-Middle-Income Countries,” published in *PLoS One* on June 22, 2018.

- **Justin Ortiz, MD, MS**, Associate Professor of Medicine, Center for Vaccine Development and Global Health, wrote “Implementation of Maternal Influenza Immunization Programs,” published in *Vaccine* on June 14, 2018. Dr. Ortiz was also among the co-authors of “Development of a Short Course on Management of Critically Ill Patients with Acute Respiratory Infection and Impact on Clinician Knowledge in Resource-Limited Intensive Care Units,” published in *Influenza and Other Respiratory Viruses* on May 4, 2018. In addition, Dr. Ortiz authored an editorial “Implementation of Maternal Influenza Programs,” accepted for publication in *Vaccine* on June 14, 2018.

- **Alfred Papali, MD,CM**, Adjunct Assistant Professor, Department of Medicine, was among the co-authors of “Association of the Quick Sequential (Sepsis-Related) Organ Failure Assessment (qSOFA) Score with Excess Hospital Mortality in Adults with Suspected Infection in Low- and Middle-Income Countries,” published in *JAMA* on June 5, 2018.

- **Elizabeth Parker, PhD, RD**, Assistant Professor, Department of Family & Community Medicine, was among the co-authors of “Development of the PEA-PODS (Perceptions of the Environment and Patterns of Diet at School) Survey for Students,” published in *Prevention Chronic Diseases* on June 28, 2018.
Marcela Pasetti, PhD, Professor, Department of Pediatrics, was among the co-authors of “Development, Interlaboratory Evaluations, and Application of a Simple, High-Throughput Shigella Serum Bactericidal Assay,” published in mSphere on June 27, 2018. In addition, Dr. Pasetti was among the co-authors of “Establishment of the First International Standard for Human Anti-Typhoid Capular Vi Polysaccharide IgG,” published in Bioguia. The Journal of the International Association of Biological Standardization on June 22, 2018. Dr. Pasetti, Scott Baliban, PhD, Postdoctoral Fellow, Department of Medicine; Deanna Toema, PhD, Postdoctoral Fellow, Center for Vaccine Development and Global Health; Sharon Tennial, PhD, Associate Professor, Department of Medicine; Myron Levine, MD, DTPH, the Simon and Besse Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases; Raphael Simon, PhD, Assistant Professor, Department of Medicine; and Brittany Curtis, Research Laboratory Supervisor, authored “Immunogenicity and Efficacy Following Sequential Parenterally-Administered Doses of Salmonella Enteritidis COPS: FliC Glycoconjugates in Infant and Adult Mice,” published in PLoS Neglected Tropical Diseases on May 23, 2018. Drs. Simon and Tennial also wrote “Deletions in QuaBA and HtrA but Not ClpX or RfaL Constitute a Live-Attenuated Vexain of Salmonella enterica serovar Typhi,” published in MBio on May 8, 2018. In addition, Dr. Stashek was among the co-authors of “Salmonella Typhi Colonization Provokes Transcriptional Changes Aimed at Evasion Host Mucosal Immune Defense During Early Infection of Human Intestinal Tissue,” published in EBioMedicine on May 31, 2018.

Solomya Tsymbalyuk, Medical Student, and J. Marc Simard, MD, PhD, Professor, Department of Neurosurgery, were co-authors on “Mannitol and Hypertonic Saline Reduce Swelling and Modulate Inflammatory Markers in a Rat Model of Intracerebral Hemorrhage,” published in Neurocritical Care on April 26, 2018.

Magali Fontaine, MD, PhD, has been promoted to Professor, non-tenure track for the Department of Pathology. Dr. Fontaine also holds a secondary appointment with the Department of Medicine.

Vicki Gray, MD, MPH, Associate Professor of Pediatrics, Center for Vaccine Development and Global Health, was interviewed and quoted in BBC news “Malaria: A Reliable 38% Vaccine Has Been Tested in Burkina Faso and Mali,” on April 23, 2018.

We applaud our colleagues on their recent appointments!

In the News

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

New Faculty

We welcome our new faculty!

Appointments
Howard Dubowitz, MB, ChB, MS, FAAP. Professor, Department of Pediatrics, received a one-year, $35,000 grant from the Maryland Department of Health for “Child Abuse Medical Providers (CHAMP)—General Training and Consulting Services.”

Ricardo Feldman, PhD, Associate Professor, Department of Microbiology and Immunology, received a $345,000 grant from the Maryland Stem Cell Research Fund/Technology Development Corporation (MSCRF/TEDDCO) for “Targeting a Novel Lysosomal Sphingolipid-Sensing Mechanism For Reversal of GBA1-Associated Neurodegeneration.”

Miriam Laufer, MD, MPH. Associate Professor of Pediatrics, Associate Director for Malaria Research, Center for Development and Global Health, entered into a teaming agreement with USAID Integrated Health Systems, a woman owned small business that is a prime contractor to USAID supporting PEPFAR programs in Tanzania. Under the agreement, the Malaria Research Program will provide technical assistance and research to support health systems strengthening in Africa, Asia and South America in the areas of neglected tropical diseases, malaria, avian influenza, and HIV/AIDS.

Leonid Medved, PhD, DSci. Professor of Biochemistry and Molecular Biology, Center for Vascular and Inflammatory Diseases, received a four-year, $1,562,077 grant from the National Heart, Lung, and Blood Institute to continue his study of the molecular mechanisms underlying fibrin-dependent inflammation.

Justin Ortiz, MD, MS. Associate Professor of Medicine, Center for Vaccine Development and Global Health, was awarded $24,000 by the World Health Organization to conduct analysis of adult immunization policies.

Milagritos Tapia, MD. Associate Professor of Pediatrics, Center for Vaccine Development and Global Health, entered into a clinical trial agreement between University of Sciences, Techniques and Technologies of Bamako (USTTB) and the Center for Vaccine Development and Global Health for a clinical trial for “Research on Ebola Vaccines (PREVAC)” in Mali. Sponsors are National Institute of Allergy and Infectious Diseases (NIAID), Institute National de la Sante de la Recherche Medicale (INSERM) and London School of Hygiene & Tropical Medicine. Dr. Tapia was also awarded $91,488 from PATH for a project titled “Meningococcal Conjugate Vaccines Project Phase II.”

Pan Zheng, MD, PhD. Professor of Surgery, Division of Immunotherapy, Institute of Human Virology, received a $900,000 three-year Team Science Award from the Melanoma Research Alliances, titled “DAMPening Immune Related Adverse Events in Melanoma.” The other principal investigators include Yang Liu, PhD. Professor of Surgery, Director of the Division of Immunotherapy, Institute of Human Virology, and Siwen Hu-Lieskovan, MD, PhD, from the Department of Medicine, University of California Los Angeles (UCLA). The award is co-funded by Melanoma Research Alliances, Institute of Human Virology, and Siwan Hu-Lieskovan, MD, PhD, from the Department of Medicine, University of California Los Angeles (UCLA).