



what's the buzz?

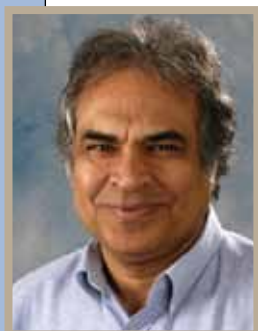
Self-Reported News from the School of Medicine Community

GRANTS &

CONTRACTS



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



Abdu Azad, PhD, MPH

► **Abdu Azad, PhD, MPH**, Professor, Department of Microbiology & Immunology, has been awarded a five-year, \$2,801,584 RO1 from the National Institute of Allergy and Infectious Diseases (NIAID) for "Rickettsia-Host Interface and Multiple Paths to Invasion."

► **Wilbur Chen, MD, MS**, Associate Professor of Medicine, Center for Vaccine Development and Institute for Global Health, received a one-year, \$307,159 grant from PATH Vaccine Solutions for "Development of a Heat-Stable Enterotoxin (ST)-Only Expressing Enterotoxigenic *Escherichia coli* (ETEC) Challenge Strain." Dr. Chen; **Eileen Barry, PhD**, Professor of Medicine, Center for Vaccine Development; **Myron**

Levine, MD, DTPHA, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases; **David Rasko, PhD**, Professor of Microbiology & Immunology, Institute for Genome Sciences; and **Sharon Tennant, PhD**, Assistant Professor of Medicine, Center for Vaccine Development, will be working together on this project to develop a new challenge strain for use in human experimental challenge models.

► **Joseph Cheer, PhD**, Associate Professor, Department of Anatomy & Neurobiology, was awarded a five-year, \$2,200,000 RO1 from the National Institute on Drug Abuse (NIDA) to examine "The Long-Term Consequences of Ritalin and Marijuana Exposure in Adolescence."

► **Alan Cross, MD**, Professor of Medicine; **Sharon Tennant, PhD**, Assistant Professor of Medicine; and **Raphael Simon, PhD**,



Joseph Cheer, PhD

Assistant Professor of Medicine, all from the Center for Vaccine Development and Institute for Global Health, received a \$433,113 supplement to their grant from Nosocomial Vaccine Corporation for "Development of a Multivalent Vaccine to Prevent Invasive Infections and Colonization with *Klebsiella Pneumoniae* and *Pseudomonas Aeruginosa*."



Joseph Gillespie, PhD

► **Joseph Gillespie, PhD**, Assistant Professor, and **Mohammed Sayeedur Rahman, PhD**, Assistant Professor, both from the Department of Microbiology & Immunology, received a two-year, \$275,000 R21 grant from NIH for "Characterizing Gene Family Expansion in an Atypical Bacterial Secretion System." The proposed work will characterize the *Rickettsiales vir* homolog (rvh) type IV secretion system (T4SS) from the agent of murine typhus (*Rickettsia typhi*). The rvh T4SS is anomalous

compared to other bacterial T4SSs, and this work will aim to understand the odd gene family expansion that presumably encodes four dynamic components of the secretion machine.

► **Bret Hassel, PhD**, Associate Professor, Department of Microbiology & Immunology, received a five-year, \$2.1 million R25 Education grant from the National Cancer Institute for the "Nathan Schnaper Intern Program in Translational Cancer Research (NSIP)." The program, named for the late University of Maryland Greenebaum Cancer Center (UMGCC) psychiatrist and advocate for student-directed research, Dr. Nathan Schnaper, provides integrated research, educational, and clinical



Alan Cross, MD



Bret Hassel, PhD

GRANTS & CONTRACTS *continued*

components for high-caliber undergraduate interns from across the US. Prior to NCI funding, this program was supported by local benefactors and the UMGCC for over 30 years, with more than 15 NSIP alumni matriculating to the School of Medicine's medical and graduate programs in the last decade alone.



James Kaper, PhD

► **James Kaper, PhD**, Senior Associate Dean for Academic Affairs and Professor and Chair, Department of Microbiology & Immunology, and **James Nataro, MD, PhD**, Clinical Professor of Pediatrics, Medicine, and Microbiology & Immunology, Institute for Genome Sciences, received a five-year, \$8 million P01 from NIAID for "Pathogenesis of *E. coli* and *Shigella* infections in Human Enteroid Models."

► **Jane Kim, MD**, Assistant Professor; **Narendra Shet, MD**, Assistant Professor (Co-PIs); and residents **Cara Morin, MD, PhD**, **Jason Hostetter, MD**, and **Steven Rothenberg, MD**, all from the Department of Diagnostic Radiology & Nuclear Medicine, received a \$10,000 Education Award from The Society for Pediatric Radiology (SPR) for "MOOC-Based Repetitive Image Quizzes for Learning Concepts in Pediatric Radiology." The grant will allow them to expand and refine the quiz program for residents that they have developed over the past two years.



Karen Kotloff, MD

► **Karen Kotloff, MD** (overall PI), Professor of Pediatrics, Center for Vaccine Development and Institute for Global Health, and **Samba Sow, MD, MSc**, Director General of the Center for Vaccine Development of Mali (CVD-Mali, an institution jointly maintained by the Ministry of Health of Mali and CVD-UM SOM), have received an exciting new award to study causes of death in children in Bamako, Mali. The Child Health and Mortality Prevention Surveillance Network (CHAMPS), supported by the Bill and Melinda Gates Foundation and led by Emory University, is envisioned as a long-term program that will take place at up to 25 sites with high child mortality and last as long as 20 years. More than 82 percent of global under-five deaths occur in these regions, and children in Sub-Saharan Africa are 15 times more likely to die before the age of five than children in developed countries. The Bamako, Mali site is the second site selected to join this prestigious and important public health initiative.

► **Miriam Laufer, MD, MPH**, Associate Professor of Pediatrics, Institute for Global Health, was awarded a five-year, \$1,072,160 D43 award from NIH/Fogarty for "Interdisciplinary Malaria Research Training in Malawi."



Monica McArthur, MD, PhD

► **Monica McArthur, MD, PhD**, Assistant Professor of Pediatrics, Center for Vaccine Development and Institute for Global Health, received a one-year, \$300,000 award from the EMMES Corporation for "VRC Zika DNA Vaccine Study."

► **Rosangela Mezghanni, PhD**, Assistant Professor of Pediatrics, Center for Vaccine Development and Institute for Global Health, received a one year, \$200,000 grant from Stanford University for "Evaluation of MAIT Cell Subsets Stimulated by Bacterial Antigens."

► **Brian Polster, PhD**, Associate Professor, Department of Anesthesiology, received a two-year, \$423,916 grant from the National Institutes of Neurological Disorders and Stroke (NINDS) for "Mitochondrial Structural and Functional Remodeling in Microglial Activation."

► **Nevil Singh, PhD**, Assistant Professor, Department of Microbiology & Immunology, received a two-year \$424,073 R21 grant from NIAID for "JEDI Negatively Regulates TCR-Signaling in Chronically-Stimulated T Cells."

► **Vladimir Toshchakov, PhD**, Assistant Professor, Department of Microbiology & Immunology, received a five-year, \$1,954,825 grant from NIAID for "Deciphering the Architecture of TLR Signaling Complexes."

► **Junfang Wu, BM, PhD**, Associate Professor of Anesthesiology, Center for Shock, Trauma and Anesthesiology Research (STAR), along with Co-Investigators **Marta Lipinski, PhD**, Assistant Professor, and **Eugene Koh, MD**, Assistant Professor, both from the Department of Orthopedics, received a five-year, \$1,684,375 grant (R01) from the National Institute of Neurological Disorders and Stroke (NINDS) for "The Function and Mechanisms of Autophagy in Spinal Cord Injury."



Miriam Laufer, MD, MPH



Rosangela Mezghanni, PhD

EVENTS, LECTURES

& WORKSHOPS



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



Cynthia Bearer, MD, PhD

► **Cynthia Bearer, MD, PhD**, the Mary Gray Cobey Endowed Professor, Department of Pediatrics, was the Invited Speaker at the Ben Kagan Lectureship at Cedar-Sinai Hospital in Los Angeles, CA, on May 26. Her topic was “What’s an Environmentalist Doing in the NICU?” She also was the Invited Symposium presenter for The Importance of Glue: Effects of Alcohol on Extracellular Matrix and Cell Adhesion Proteins at the Research Society on Alcoholism in New Orleans, LA, on June 27. Her topic there was “Choline Partially Prevents Ethanol Disruption of L1 Cell Adhesion Molecule: From In vitro to Behavior.”

► **Wilbur Chen, MD, MS**, Associate Professor of Medicine, Center for Vaccine Development and Institute for Global Health, and Director, University of Maryland Travelers’ Health Clinic, presented the June 1 Webinar “Travel Vaccines: Know Before You Go,” sponsored by The National Foundation for Infectious Diseases (NFID), where he discussed the importance of travel vaccines for CME/CNE. Dr. Chen also served as a Scientific Advisory Committee member for PATH’s Vaccines Against *Shigella* and ETEC (VASE) Conference in Washington, DC, June 28–30.



Wilbur Chen, MD, MS

► **Jose Diaz, MD, CNS**, Professor, Department of Surgery, presented “The Elusive Randomized Controlled Trial” at the Intermountain Healthcare Rib Fixation Colloquium in Park City, UT, on March 20. Those in attendance were faculty from the USA, Europe, and Australia.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, delivered the oral presentations “Imaging of Device Infections: Advances with PET/CT” and “Cardiovascular Infection Including Endocarditis, Implantable Devices, and Vascular Grafts,” and introduced



Jose Diaz, MD, CNS

this year’s Benedict Cassen Prize winner for Research in Nuclear Medicine at the Society of Nuclear Medicine and Molecular Imaging Annual Scientific Sessions, held in San Diego, CA, June 11–15.



Howard Dubowitz, MD, MS, FAAP

► **Howard Dubowitz, MD, MS, FAAP**, Professor, Department of Pediatrics presented three lectures at the 30th Annual San Diego International Conference on Child and Family Maltreatment in January. His talks were on “Intimate Partner Violence: A Challenge for Child Health Professionals,” “Preventing Child Maltreatment: The Safe Environment for Every Kid (SEEK) Model,” and “Shaken Baby Syndrome: The New Science.” Dr. Dubowitz also presented at the 10th Annual Allen D. Schwartz,

MD Lectureship at Sinai Hospital, Baltimore, in April, where his topic was “Child Neglect,” and presented on “Preventing Child Maltreatment” at the Helfer Society Annual Meeting in Tucson, AZ, in April. He presented on “Neglected Children” and “Preventing Child Abuse and Neglect: A Role for Child Health Professionals” at the Swedish Paediatric Society Annual Conference in Ostersund, Sweden in April; “Preventing Child Maltreatment: The Safe Environment for Every Kid (SEEK) Model” at Pediatric Grand Rounds at Hershey Medical Center, in Hershey, PA, in May; “Measuring Neglect: Research Approaches” at the Haruv Institute in Jerusalem, Israel, in May; and “The SEEK Model: Promoting Children’s Health, Development and Safety” in Ashdod, Israel, in June. Also in June, he was a visiting professor at Baylor College of Medicine, where he presented Pediatric Grand Rounds on “Neglected Children: A Role for Pediatricians” and “The SEEK Model: Practice and Practical Issues” at Texas Children’s Hospital.

► **Ricardo Feldman, PhD**, Associate Professor, Department of Microbiology & Immunology, gave an invited talk on “Patient-Derived iPSC Provide Insights Into Pathophysiol-



Vasken Dilsizian, MD



Ricardo Feldman, PhD

EVENTS, LECTURES & WORKSHOPS *continued*

ogy of Gaucher Disease” at the 12th European Working Group on Gaucher Disease, held in Zaragoza, Spain, June 29–July 2.



Martin Flajnik, PhD

► **Martin Flajnik, PhD**, Professor, Department of Microbiology & Immunology, presented a seminar on “The Emergence of Secondary Lymphoid Tissues” at the National Institutes of Health (NIH) in Bethesda, MD, on June 29.

► **Christopher Harman, MD**, Professor and Chair, Department of Obstetrics, Gynecology & Reproductive Sciences; **Kathleen Neuzil, MD, MPH, FIDSA**, Professor of Medicine, and Director of the Center for Vaccine Development in the Institute for Global Health; and **Matthew Laurens,**

MD, MPH, Associate Professor of Pediatrics, Institute for Global Health, were among a group of Health Department leaders, hospital executives, and industry executives convened by Senator Ben Cardin (D-Maryland) on May 23 to discuss Maryland’s actions in response to the Zika epidemic. Dr. Laurens also was a panelist at the FDA workshop “Clinical Trial Design Considerations for Malaria Drug Development” on June 30.



Christopher Harman, MD

► **Richard Lichenstein, MD**, Professor, Department of Pediatrics, presented lectures on “Child Death Review in the United States” for the Shanghai Association of Forensic Science in Shanghai, China, and on “Pediatric Emergency Medicine in the United States” at the Beijing Children’s Hospital in Beijing, China in May.

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, traveled to Denver in mid-June as a faculty member for the 43rd Annual Rocky Mountain

Trauma and Emergency Medicine Conference. He led a four-hour pre-conference workshop on cardiac ischemia electrocardiography and presented the



Richard Lichenstein, MD



Amal Mattu, MD

keynote address “High Risk Arrhythmias in Which ACLS Will Fail.”

► **Jay Menaker, MD**, Associate Professor, Department of Surgery, presented “The Incidence of Cannula Associated Deep Vein Thrombosis (CaDVT) After Veno-venous Extra-corporeal Membrane Oxygenation” at the 5th Euro-ELSO 2016 Congress Conference, held June 1–4 in Glasgow, Scotland.

► **Susan Mendley, MD**, Associate Professor, Departments of Pediatrics and Medicine, met with lawmakers in Congress as part of the Renal Physicians Association Capitol Hill Day on June 3 to explain the importance of legislation to address the needs of patients with chronic kidney disease and those receiving dialysis and kidney transplants.



Jay Menaker, MD



Myaing Nyunt, MD, MPH, PhD

► **Myaing Nyunt, MD, MPH, PhD**, Assistant Professor of Medicine, Institute for Global Health, presented “Evidence and Action for Malaria Elimination in Myanmar” at the 3rd Symposium on Surveillance Response System Leading to Tropical Diseases Elimination in Shanghai, P.R.C., on June 17.

► **Kevin Pereira, MD, MS, FACS**, Professor and Director of Pediatric Otolaryngology, Department of Otorhinolaryngology Head & Neck Surgery, gave an invited lecture on “Pediatric Cervical Lymphadenopathy: When Can You Reassure and Discharge?” at the European Society of Pediatric Otolaryngology (ESPO) meeting in Lisbon, Portugal, June 18–21.

► **Christopher Plowe, MD, MPH, FASTMH**, the Frank M. Calia, MD Professor of Medicine and Founding Director, Institute for Global Health, presented “New Progress for Artemisinin Resistance Surveillance in Asia” at the 3rd Symposium on Surveillance Response System Leading to Tropical Diseases Elimination in Shanghai, P.R.C., on June 17. He



Kevin Pereira, MD, MS, FACS



Christopher Plowe, MD, MPH, FASTMH

EVENTS, LECTURES & WORKSHOPS *continued*

also presented “Fulfilling the Legacy and Vision of Alan Magill: Malaria Delenda Est” at the Alan Magill Malaria Symposium at the Walter Reed Army Institute of Research in Silver Spring, MD, on June 23.



Toni Pollin, PhD

► **Toni Pollin, PhD**, Associate Professor, Departments of Medicine and Epidemiology & Public Health, presented “Identifying, Treating and Diagnosing Patients with Monogenic Diabetes: The Personalized Diabetes Medicine Program” at the University Diabetes Outreach Programme’s 22nd Annual International Diabetes Conference in Montego Bay, Jamaica in late April. She also was the keynote speaker at the Auckland Region Monogenic Diabetes Meeting in Auckland, New Zealand, in late May, where she presented “Detection, Diagnosis and Treatment of Monogenic Diabetes in the USA.” In addition, she presented “Reversing the Underdiagnosis of Monogenic Diabetes in the United States: The Personalized Diabetes Medicine Program” during Physicians’ Grand Rounds at Auckland City Hospital in Auckland, New Zealand, in late May.



Horea Rus, MD, PhD

► **Horea Rus, MD, PhD**, Professor, Department of Neurology, and **Daniel Hewes, MSII**, presented “Sirt1 as a Potential Marker of Disease Activity and Response to Treatment with Glatiramer Acetate in Multiple Sclerosis” at the Annual Meeting of Consortium of Multiple Sclerosis Centers, held in National Harbor, MD, June 1–4. Daniel was a recipient of a Medical Student Research Scholarship Award from the Foundation of the Consortium of Multiple Sclerosis Centers (FCMSC) that allowed him

to attend the meeting.

► **Sandra Quezada, MD, MS**, Assistant Professor, Department of Medicine, and Assistant Dean for Admissions, gave a lecture on “Interprofessional Medical Spanish Education” at the annual meeting for the National Hispanic Medical Association (NHMA) in Washington, DC on April 23.



Sandra Quezada, MD, MS

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, presented “Gene Expression is Modified by Hyperbaric Oxygen in Humans” at the Annual Scientific Meeting of the Undersea and Hyperbaric Medical Society, held in Las Vegas in mid-June. Her lecture was based on a study performed in the laboratory of **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research in Anesthesiology and Vice Chair, Research, Department of Anesthesiology, with collaborators **Robert Rosenthal, MD**, Professor, Department of Emergency Medicine; **Yi Chun Hsieh, PhD**, Postdoctoral Fellow, Department of Anesthesiology; and **Marina Kloyzner, MD**, a 2015 graduate of the University of Maryland Emergency Medicine Residency.



Nirav Shah, MD, FCCP

► **Nirav Shah, MD, FCCP**, Assistant Professor, Department of Medicine, presented “Management of Exacerbations of Obstructive Lung Diseases” as part of the ATS Core Curriculum in Adult Critical Care Medicine at the American Thoracic Society International Conference held in San Francisco, CA, in May.

► **Deborah Stein, MD, MPH**, the R Adams Cowley Professor in Shock and Trauma, Department of Surgery, co-chaired with **Thorstein Fleiter, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, the first annual “Trauma & Radiology—THE COURSE” on April 1. The conference was held at Hosick Hall at the University of Maryland School of Medicine. Dr. Stein also presented on “Updates in Trauma Resuscitation” at the Maryland American College of Emergency Physicians 2016 Annual Education Conference, held April 8 in Baltimore; gave two Keynote talks on “Traumatic Brain Injury” and “Spinal Cord Injury” at the 2016 Kansas Trauma Conference on June 3; presented “Fecal Diversion is an Integral Component of the Management for Both Intra- and Extra-Perineal Injuries,” “Traumatic Intracranial Hemorrhage: Is There an Evidence-Based Consensus Regarding the Timing of Anticoagulation Initiation?” and “Prevention and Management of Nosocomial Infections: Are We Getting Better?” at the



Deborah Stein, MD, MPH

EVENTS, LECTURES & WORKSHOPS *continued*

Point/Counterpoint Acute Care Surgery conference, held in Baltimore June 5–8; and presented “What’s New in Trauma Resuscitation?” at Grand Rounds for the Department of Emergency Medicine at Medstar Washington Hospital Center on June 9.



John Talbott, MD

► **John Talbott, MD**, Professor and Former Chair, Department of Psychiatry, was invited to present as a “witness” to changes in psychiatry from the 1960’s to present at the Preventing Mental Illness: Past, Present and Future conference, held June 2–3 at the Centre for the Social History of Health and Healthcare, School of Humanities, Ross Priory, University of Strathclyde, Glasgow, Scotland.

► **Shafonya Turner, MD**, Assistant Professor, Department of Anesthesiology, presented “In the Setting of a Difficult Airway” at the Region 2 Educational Seminar for the American Society of Anesthesia Technologists and Technicians, held June 4 at the R. Adams Cowley Trauma Auditorium in the University of Maryland Medical Center.

► **Chris Wells, PT, PhD, CCS, ATC**, Clinical Associate Professor, Department of Physical Therapy & Rehabilitation Science, was an invited speaker at the Mid-Atlantic VAD & ECMO Symposium, where she presented “Mobilization of ECMO Supported Patients: The Role of Rehabilitation.”

► **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, Assistant Professor, Departments of Psychiatry and Medicine, presented Sleep Grand Rounds on May 20 at the Walter Reed National Military Medical Center. His topic was “How to Be a Better Sleep Doctor—Faster and With Less Hassle Than Ever Before—and Love Doing It.”



Emerson Wickwire, PhD,
ABPP, CBSM, FAASM



Shafonya Turner, MD



Chris Wells, PT, PhD, CCS, ATC

► **The Center for Vaccine Development (CVD) and CVD-Mali** hosted the 10th African Rotavirus Symposium in Bamako, Mali on June 1 and 2. This event, held for the first time ever in Francophone Africa, brought together nearly 200 leading scientists and health officials from around the African continent and the globe, and focused on the theme “Reaching Every Child with Rotavirus Vaccines.” His Excellency Ibrahim Boubacar Keita, President of the Republic of Mali, welcomed the delegates in an opening ceremony that included Dr. Madeleine Togo, Minister of Health for Mali; **Samba Sow, MD, MSc**, Director, CVD-Mali; **Kathleen Neuzil, MD, MPH, FIDSA**, Professor of Medicine and Director, CVD; Mr. Jason Mwenda (AFRO); and Mr. Duncan Steele (Gates Foundation).



His Excellency Ibrahim Boubacar Keita, President of the Republic of Mali, at the 10th African Rotavirus Symposium



Benjamin Lawner, DO, MS, EMT-P

► Four faculty members presented lectures at EMS Care 2016, the annual statewide conference sponsored by the Maryland Institute for Emergency Medical Services Systems that was held in Ocean City in late April. **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, Department of Emergency Medicine, teamed up with Michael Clumpner, PhD, MBA, NRP, an expert in tactical emergency medical services response to active shooter scenarios, to deliver the keynote address “The Truth is Out There: More EMS Articles You Have to Know!” Dr. Lawner also

led breakout sessions on mobile integrated health care and the prehospital management of penetrating trauma. **Danya Khoujah, MBBS**, Assistant Professor, Department of Emergency Medicine, presented “Altered Mental Status: It’s Not Always ETOH” and “Seizures in Adults: Beyond Versed.” **Roger Stone, MD, MS**, Clinical Assistant Professor, Department of Emergency Medicine, presented “A Working Code is a Working Fire: Culture Change in Maryland Fire Companies to Enhance the Success of HPCPR in Limited Resource Situations.” **Samuel Tisherman, MD**, Professor, Department of Surgery, presented “How Can We Save the Exsanguinating Trauma Patient?”



PUBLICATIONS

Hats off to those who have been published!

► **Odessa Addison, DPT, PhD**, Research Associate, Department of Physical Therapy & Rehabilitation Science, was lead author on “Changes in Function After a 6-Month Walking Intervention in Patients with Intermittent Claudication Who Are Obese or Non-obese” in *Journal of Geriatric Physical Therapy*, 2016 Jun 23 [Epub ahead of print]. Contributing authors included **Alice Ryan, PhD**, Professor; **Steven Prior, PhD**, Assistant Professor; and **Leslie Katzel, MD, PhD**, Associate Professor, all from the Department of Medicine; and **Rishi Kundi, MD**, Assistant Professor, and **Brajesh Lal, MBBS**, Professor, both from the Department of Surgery.



Vlado Antonic, PhD

► **Vlado Antonic, PhD**, Research Associate, Department of Radiation Oncology, was among the co-authors on “Burn Care on Cruise Ships—Epidemiology, International Regulations, Risk Situation, Disaster Management and Qualification of the Ship’s Doctor” in *Burns*, 2016 June 22 [Epub ahead of print].

► **Samson Assefa, MD**, Assistant Professor; **Montserrat Diaz-Abad, MD**, Assistant Professor; and **Steven Scharf, MD, PhD**, Professor, all from the Department of Medicine, along with **Sarah Tom, PhD, MPH**, Assistant Professor, School of Pharmacy and

Department of Epidemiology & Public Health, was among the co-authors on “Comparison of a

Simple Obstructive Sleep Apnea Screening Device With Standard In-Laboratory Polysomnography” in *Sleep & Breathing*, 2016 Mar 11;20(2):537-541. Drs. Assefa, Diaz-Abad and Scharf, along with **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, Assistant Professor, Departments of Psychiatry and Medicine, were among the co-authors on “The Functions of Sleep” in *AIMS Neuroscience*, 2015 Aug 24, 2(3):155-171.

► **Dayanand Bagdure, MD, MPH**, Assistant Professor; **Jason Custer, MD**, Assistant Professor; and **Adnan Bhutta, MD**, Associate Professor, all from the Department of Pediatrics, were among the co-authors on “Hospitalized Children with Encephalitis in



Montserrat Diaz-Abad, MD



Dayanand Bagdure, MD, MPH

the United States: A Pediatric Health Information System Database Study” in *Pediatric Neurology*, 2016 Aug;61:58-62.



Carissa Baker-Smith, MD, MS, MPH, FAAP, FAHA

► **Carissa Baker-Smith, MD, MS, MPH, FAAP, FAHA**, Assistant Professor; **Susan Mendley, MD**, Associate Professor; **Laide Jinadu, MD**, Assistant Professor; **Peter Gaskin, MD**, Assistant Professor; and **Carisa Himes**, Cardiac Sonographer, all from the Department of Pediatrics, were among the co-authors on “Description of Antihypertensive Medication Use in a Pediatric Practice: Single and Multiple Antihypertensive Medication Therapy” in *Journal of Clinical Hypertension (Greenwich)*, 2016 Aug 2 [Epub ahead of print]. Dr. Baker-Smith was also among the co-authors on “Safe and Effective Use of Pharmacologic and Device Therapy for Peripartum Cardiomyopathy” in *The Journal of Human Pharmacology and Drug Therapy*, 2016 Jul 4 [Epub ahead of print].

► **Aditi Banerjee, PhD**, Research Associate; **Steven Czinn, MD**, Professor and Chair; and **Thomas Blanchard, PhD**, Associate Professor, all from the Department of Pediatrics, along with **Peixin Yang, PhD**, Associate Professor, Department of Obstetrics, Gynecology and Reproductive Science, were among the co-authors on “Endoplasmic Reticulum Stress and IRE-1 Signaling Cause Apoptosis In Colon Cancer Cells In Response to Andrographolide Treatment” in *Oncology*, 2016 May 5 [Epub ahead of print].

► **Cynthia Bearer, MD, PhD**, the Mary Gray Cobey Endowed Professor, Department of Pediatrics, was among the co-authors on “Trends in Chlorhexidine Use in US Neonatal Intensive Care Units: Results From a Follow-up National Survey” in *Infection Control & Hospital Epidemiology*, 2016 Jun 20:1-2 [Epub ahead of print].

► **Maureen Black, PhD**, the John A Scholl MD and Mary Louise Scholl Endowed Professor, Department of Pediatrics, was among the co-authors on “Early Childhood Developmental Status in Low- and Middle-Income Countries:



Maureen Black, PhD

PUBLICATIONS *continued*

National, Regional, and Global Prevalence Estimates Using Predictive Modeling” in *PLoS Medicine*, 2016 Jun 7;13(6):e1002034.

► **Uttam Bodanapally, MBBS**, Assistant Professor and **Clint Sliker, MD**, Associate Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Imaging of Blunt and Penetrating Craniocervical Arterial Injuries” in *Seminars in Roentgenology*, 2016 Jul;51(3):152-164.



Clint Sliker, MD

► **Sarah Boudova, PhD**, a student in the MD/PhD program; **Christopher Harman, MD**, Professor and Chair, Department of Obstetrics, Gynecology & Reproductive Science; **Miriam Laufer, MD, MPH**, Associate Professor of Pediatrics, Institute for Global Health; and **C. David Pauza, PhD**, Professor of Medicine, and **Cristiana**

Cairo, PhD, Assistant Professor of Medicine, both from the Institute of Human Virology, were among the co-authors on “Prolonged PD1 Expression on Neonatal V82 Lymphocytes Dampens Pro-inflammatory Responses: Role of Epigenetic Regulation” in *Journal of Immunology*, 2016 Jul 29 [Epub ahead of print].



C. David Pauza, PhD

► **Arpit Chhabra, MD**, Resident; **Katja Langen, PhD**, Professor; and **Minesh Mehta, MB, ChB, FASTRO**, Adjunct Professor, all from the Department of Radiation Oncology, were among the co-authors on “An Overview of Modern Proton Therapy” in *Chinese Clinical Oncology*, 2016 May 31 [Epub ahead of print]. Dr. Mehta was also among the co-authors on “Reply to F. Felix et al. and M.F. Fay et al.” in *Journal of Clinical Oncology*, 2016 Jun 13 [Epub ahead of print].



Katja Langen, PhD

► **Wengen Chen, MD, PhD**, Associate Professor, and **Vasken Dilsizian, MD**, Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, co-authored the Editorial



Wengen Chen, MD, PhD

Comment “Cardiac Sympathetic Disturbance in the Pathophysiology of Takotsubo Cardiomyopathy: Primary Etiology or a Compensatory Response to Heart Failure?” in *Journal of the American College of Cardiology Cardiovascular Imaging*, 2016 Aug;9(8):991-3.

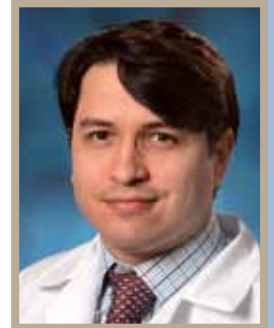


Vasken Dilsizian, MD

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the chair and the primary author of the “ASNC Imaging Guidelines/SNMMI Procedure Standard for Positron Emission Tomography (PET) Nuclear Cardiology Procedures,” which details PET myocardial perfusion and metabolism image acquisition and interpretation standards in the clinical setting. The guideline document was endorsed by the American Society of Nuclear Cardiology and the Society of Nuclear Medicine and Molecular Imaging and published in *Journal of Nuclear*

Cardiology, 2016, July 8 [Epub ahead of print].

► **David Dreizin, MD**, Assistant Professor; **Uttam Bodanapally, MBBS**, Assistant Professor; and **Edward Herskovits, MD**, Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Volumetric Analysis of Pelvic Hematomas After Blunt Trauma Using Semi-automated Seeded Region Growing Segmentation: A Method Validation Study” in *Abdominal Radiology (NY)*, 2016 Jun 27 [Epub ahead of print].



David Dreizin, MD



Colleen Hughes Driscoll, MD

► **Colleen Hughes Driscoll, MD**, Assistant Professor, and **Dina el-Metwally, MD, PhD**, Associate Professor, both from the Department of Pediatrics, were among the co-authors on “A Wireless Text Messaging System Improves Communication for Neonatal Resuscitation” in *American Journal of Medical Quality*, 2016 May 16 [Epub ahead of print].

► **Howard Dubowitz, MD, MS, FAAP**, Professor, Department of Pediatrics, was lead author on “Adversity, Maltreatment and Resilience in Young Children”



Howard Dubowitz, MD, MS, FAAP

PUBLICATIONS *continued*

in *Academic Pediatrics*, 2016 Apr;16(3):233-9, and on “Characteristics of Child Maltreatment and Adolescent Marijuana Use: A Prospective Study” in *Child Maltreatment*, 2016 Feb;21(1):16-25.

► **Cortney Foster, DO**, Assistant Professor, Department of Pediatrics, was the lead editor on the 6th edition of *The PICU Handbook*, by **Jason Custer, MD**, Assistant Professor of Pediatrics. The book was also translated into Spanish and published in Ecuador and distributed to providers in Ecuador to care for acute and critically ill pediatric patients. PICU faculty and nurse practitioner staff contributed to the content and editing of this handbook.



Jason Custer, MD

► **Mario Inacio**, Graduate Student, Department of Physical Therapy and Rehabilitation Science was among the co-authors on “The Loss of Power and Need for Power Training in Older Adults” in *Current Geriatrics Reports*, 2016, Jul 8 [Epub ahead of print].

► **Isabel Jackson, PhD**, Assistant Professor; **Yi Zhang, MS**, Research Fellow; **Angel Zhang**, Research Specialist; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, were among the co-authors on “Hypo-CpG Methylation Controls PTEN Expression and Cell Apoptosis in Irradiated Lung” in *Free Radical Research*, 2016 Aug;50(8):875-86.



Zeljko Vujaskovic, MD, PhD

► **Jean Jeudy, MD**, Associate Professor, and **Aletta Frazier, MD**, Clinical Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Cardiac Lymphoma” in *Radiology Clinics of North America*, 2016 Jul;54(4):689-710.



Laundette Jones, PhD

► **Laundette Jones, PhD**, Assistant Professor, Department of Epidemiology & Public Health, was one of the senior co-

corresponding authors on “RANKL/RANK control Brca1 Mutation-Driven Mammary Tumors” in *Cell Research*, 2016 Jul;26(7):761-74.



Susan Kesmodel, MD

► **Susan Kesmodel, MD**, Assistant Professor, Department of Surgery; **Olga Goloubeva, PhD, MSc**, Professor, Department of Epidemiology & Public Health; **Paula Rosenblatt, MD**, Assistant Professor, Department of Medicine; **Emily Bellavance, MD**, Assistant Professor, Department of Surgery; **Elizabeth Nichols, MD**, Assistant Professor, Department of Radiation Oncology; **Steven Feigenberg, MD**, Professor, Department of Radiation Oncology; and **Katherine Tkaczuk, MD**, Professor, Department of Medicine, were among the co-authors on “Patient-Reported Adherence

to Adjuvant Aromatase Inhibitor Therapy Using the Morisky Medication Adherence Scale: An Evaluation of Predictors” in *American Journal of Clinical Oncology*, 2016 Jun 17 [Epub ahead of print].

► **Seth Kligerman, MD**, Assistant Professor, and **Jeffrey Galvin, MD**, Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Primary Extranodal Lymphoma of the Thorax” in *Radiology Clinics of North America*, 2016 Jul;54(4):673-687.



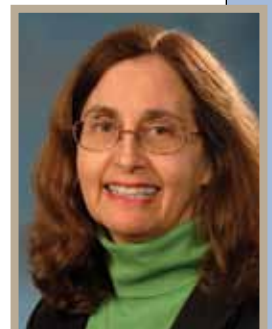
Seth Kligerman, MD

► **Myron Levine, MD, DTPHA**, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases was featured in the *Science* story “The Truest Test,” which discussed Dr. Levine’s work on cholera challenge studies and cholera vaccines.



Myron Levine, MD, DTPH

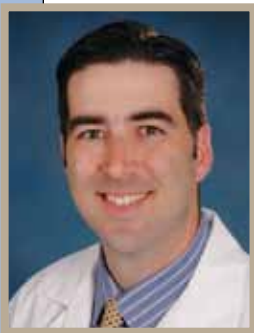
► **Iris Lindberg, PhD**, Professor (senior author), and **Timothy Jarvela, PhD** (first author), both from the Department of Anatomy &



Iris Lindberg, PhD

PUBLICATIONS *continued*

Neurobiology, were among the co-authors on “The Neural Chaperone pro-SAAS Blocks Alpha-Synuclein Fibrillation and Neurotoxicity” in *Proceedings of the National Academy of the Sciences*, 2016 Aug 9;113(32):E4708-15.



Joseph Martinez, MD

► **Joseph Martinez, MD**, Associate Professor, Departments of Emergency Medicine and Medicine, was a guest editor for the May 2016 issue of *Emergency Medicine Clinics of North America*, which focused on abdominal and gastrointestinal emergencies. In addition, he co-authored “Abdominal Vascular Catastrophes” in the same issue (2016, May;34(2):327-339). Other contributors from the Department of Emergency Medicine were **Christina Tupe, MD**, and **Thuy Pham, MD**, both Clinical Instructors, who authored “Anorectal Complaints in the Emergency Department” (2016, May;34(2):251-270).

► **Palak Parekh, PhD**, Postdoctoral Fellow, Department of Radiation Oncology, was the first author on “Evaluation of Surrogate Tissues as Indicators of Drug Activity in a Melanoma Skin Model” in *Cancer Medicine*, 2016 Aug;5(8):1731-41.

► **Michelle Pearce, PhD**, Assistant Professor of Family & Community Medicine, Center for Integrative Medicine, was a co-author on “Effects on Daily Spiritual Experiences of Religious Versus Conventional Cognitive Behavioral Therapy for Depression” in *Journal of Religion and Health*, 2016 Jun 21 [Epub ahead of print].



Nicholas Pietris, MD

► **Nicholas Pietris, MD**, Assistant Professor, Department of Pediatrics, was among the co-authors on “Mesenchymal Stem Cells Preserve Neonatal Right Ventricular Function in a Porcine Model of Pressure Overload” in *American Journal of Physiology-Heart and Circulatory Physiology*, 2016 Jun 1;310(11):H1816-826.

► **Prashant Raghavan, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Clinical Efficacy of 2-Phase Versus 4-Phase



Michelle Pearce, PhD

Computed Tomography for Localization in Primary Hyperparathyroidism” in *Surgery*, 2016 Sep;160(3):731-737.



Girish Ramachandran, PhD

► **Girish Ramachandran, PhD**, Research Associate; and **Sharon Tennant, PhD**, Assistant Professor, both from the Department of Medicine, Center for Vaccine Development and Institute for Global Health; and **Mark Shirliff, PhD**, Associate Professor, Department of Microbiology & Immunology, were among the co-authors on “Poor Biofilm Forming Ability and Long-term Survival of Invasive *Salmonella Typhimurium* ST313” in *FEMS Pathogens and Disease*, 2016 Jul;74(5).

► **Katharina Richard, PhD**, Postdoctoral Fellow, Department of Microbiology & Immunology, was among the co-authors on “CD23 Can Negatively Regulate B-cell Receptor Signaling” in *Scientific Reports*, 2016 May 16;6:25629. She and **Stefanie Vogel, PhD**, Professor, and **Darren Perkins, PhD**, Research Associate, both also from the Department of Microbiology & Immunology, were the co-authors on “Type I Interferon Licenses Enhanced Innate Recognition and Transcriptional Responses to *Francisella tularensis* Live Vaccine Strain” in *Innate Immunity*, 2016 Jul;22(5):363-372.



Katharina Richard, PhD



Amit Sawant, PhD

► **Amit Sawant, PhD**, Associate Professor, Department of Radiation Oncology, was senior author on “Characterizing Spatiotemporal Information Loss in Sparse-Sampling-Based Dynamic MRI for Monitoring Respiration-Induced Tumor Motion in Radiotherapy” in *Medical Physics*, 2016 Jun;43:2807. Dr. Sawant was also among the co-authors on “Prediction of High-Dimensional States Subject to Respiratory Motion: A Manifold Learning Approach” in *Physics in Medicine and Biology*, 2016 Jul 7;61(13):4989-99. Dr. Sawant and **Arezo Modiri, PhD**, Instructor, were among the co-authors on “Radiotherapy Planning Using an Improved Search Strategy in Particle Swarm Optimization” in *IEEE Transactions in Biomedical Engineering*, 2016 Jun 27 [Epub ahead of print].

PUBLICATIONS *continued*



Nirav Shah, MD, FCCP

► **Nirav Shah, MD, FCCP**, Assistant Professor, Department of Medicine, was interviewed for the article “Adapting to the CMS Sepsis Bundle” in *Health Leaders* in April. Dr. Shah and **Donald Slack III, MD**, a Fellow in Pulmonary & Critical Care Medicine at the University of Maryland Medical Center, were among the co-authors on “ATS Core Curriculum 2016: Part II—Adult Critical Care Medicine” in *Annals of the American Thoracic Society*, 2016 May;13(5):731-40. They also were among the co-authors on an ATS/ABIM Maintenance of Certification Self-Assessment Module—ATS Core Curriculum 2016: Part II, Critical Care Medicine—that is approved by the American Board of Internal Medicine (ABIM) through 2019.

► **Michael Shipley, PhD**, the Donald E. Wilson Distinguished Professor and Chairman, Department of Anatomy & Neurobiology, was among the co-authors on “Cell Type-Specific Modulation of Sensory Responses in Olfactory Bulb Circuits by Serotonergic Projections From the Raphe Nuclei” in *The Journal of Neuroscience*, 2016 Jun 22;36(25):6820-35.



Michael Shipley, PhD



Milagritos Tapia, MD

► **Milagritos Tapia, MD**, Associate Professor of Pediatrics; **Samba Sow, MD, MSc**, Director General of the Center for Vaccine Development of Mali (CVD-Mali); **Marcela Pasetti, PhD**, Professor of Pediatrics; **Sharon Tennant, PhD**, Assistant Professor of Medicine; **William Blackwelder, PhD**, Professor of Medicine; **Karen Kotloff, MD**, Professor of Pediatrics; **Andrea Buchwald**, Graduate Student in Epidemiology & Public Health; **Wilbur Chen, MD, MS**, Associate Professor of Medicine; and **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases, all from the Center for Vaccine Development and Institute for Global Health, were among the co-authors on “Maternal Immunisation with Trivalent

Inactivated Influenza Vaccine for Prevention of Influenza in Infants in Mali: A Prospective, Active-Controlled, Observer-Blind, Randomised Phase 4 Trial” in *The Lancet Infectious Diseases*, 2016 May 31 [Epub ahead of print].



Franklin Toapanta, MD, PhD

► **Franklin Toapanta, MD, PhD**, Assistant Professor of Medicine; **Paula Bernal, PhD**, Postdoctoral Fellow in Pediatrics; **Stephanie Fresnay, PhD**, Postdoctoral Fellow in Pediatrics; **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases; and **Marcelo Szein, MD**, Professor of Pediatrics, all from the Center for Vaccine Development and Institute for Global Health, were among the co-authors on “Oral Challenge with Wild-Type *Salmonella Typhi* Induces Distinct Changes in B Cell Subsets in Individuals Who Develop Typhoid Disease” in *PLoS Neglected Tropical Diseases*, 2016 Jun 14;10(6):e0004766.

► **Rossana Trotta, PhD**, Assistant Professor, Department of Microbiology & Immunology; **Feyruz Rassool, PhD**, Associate Professor, Department of Radiation Oncology; and **Danilo Perrotti, MD, PhD**, and **Maria Baer, MD**, both Professors in the Department of Medicine, were among the co-authors on “Pim Kinase Inhibition Sensitizes FLT3-ITD Acute Myeloid Leukemia Cells to Topoisomerase 2 Inhibitors through Increased DNA Damage and Oxidative Stress” in *Oncotarget*, 2016 Jun 21 [Epub ahead of print].



Tonya Webb, PhD

► **Tonya Webb, PhD**, Associate Professor, and **Irina Tiper, BS**, Graduate Student, both from the Department of Microbiology & Immunology, were among the co-authors on “Sphingosine 1-phosphate Signaling Impacts Lymphocyte Migration, Inflammation, and Infection” in *Pathogens and Disease*, 2016 Aug;74(6):pii: ftw063. Dr. Webb and **Gregory**



Feyruz Rassool, PhD

PUBLICATIONS *continued*

Carey, PhD, Assistant Professor, and **Dominique Bollino, PhD**, Postdoctoral Fellow, both also from the Department of Microbiology & Immunology; along with **Wenji Sun, MD, DSc**, Research Associate, Department of Surgery, were among the co-authors on “Alterations in Cellular Metabolism Modulate CD1d-Mediated NKT Cell Responses” in *Pathogens and Disease*, 2016 Aug;74(6):pii: ftw055.



Emerson Wickwire, PhD,
ABPP, CBSM, FAASM

► **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, Assistant Professor, Departments of Psychiatry and Medicine, was among the co-authors on “Sleep-Deprived Motor Vehicle Operators Are Unfit to Drive: A Multidisciplinary Expert Consensus Statement on Drowsy Driving” in *Sleep Health*, 2016, Jun;2(2):94-99.

► **R. Gentry Wilkerson, MD**, Assistant Professor; **Hong Kim, MD, MPH**, Assistant Professor; **T. Andrew Windsor, MD**, Assistant Professor; and **Darren Mareiniss, MD, JD**,

Clinical Instructor, all from the Department of Emergency Medicine, were among the co-authors on “The Opioid Epidemic in the United States” in *Emergency Medicine Clinics of North America*, 2016 May;34(2):e1-e23. It included a review of cur-



Jill Whitall, PhD

rent laws designed to curb opioid abuse and a description of efforts to distribute the antidote, naloxone, to at-risk individuals for use in the out-of-hospital setting.

► **Elizabeth Woytowicz**, Graduate Student; **Jill Whitall, PhD**, Professor; and **Kelly Westlake, PhD**, Assistant Professor, all from the Department of Physical Therapy & Rehabilitation Science, co-authored “Age-Related Changes in Bilateral Upper Extremity Coordination” in the *Current Geriatrics Reports*, 02 July 2016 [Epub ahead of print].

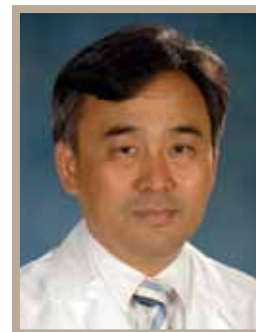


Gregory Carey, PhD



R. Gentry Wilkerson, MD

► **Junfang Wu, BM, PhD**, Associate Professor; **Marta Lipinski, PhD**, Assistant Professor; **David Loane, PhD**, Associate Professor; **Bogdan Stoica, MD**, Associate Professor; and **Alan Faden, MD**, the David S. Brown Professor in Trauma, all from the Department of Anesthesiology and the Center for Shock, Trauma and Anesthesiology Research (STAR), which Dr. Faden directs, were among the co-authors on “Endoplasmic Reticulum Stress and Disrupted Neurogenesis in the Brain Are Associated with Cognitive Impairment and Depressive-Like Behavior After Spinal Cord Injury” in *Journal of Neurotrauma*, 2016 May 16 [Epub ahead of print]. Drs. Wu and Faden were also among the co-authors on “Cell Cycle Inhibition Limits Development and Maintenance of Neuropathic Pain Following Spinal Cord Injury” in *Pain*, 2016 Feb;157(2):488-503. Drs. Wu and Faden, along with **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research in Anesthesiology; **Joseph DuBose, MD**, Associate Professor, C-STARS Program; and **Robert Rosenthal, MD**, Professor, Department of Emergency Medicine, were among the co-authors on “Simulated Aeromedical Evacuation Exacerbates Experimental Brain Injury” in *Journal of Neurotrauma*, 2016 Jul 15;33(14):1292-302. **Boris Sabirzhanov, PhD**, Research Associate, Department of Anesthesiology and STAR, along with Drs. Stoica, Loane, Wu and Faden, were among the co-authors on “miR-711 Upregulation Induces Neuronal Cell Death After Traumatic Brain Injury” in *Cell Death and Differentiation*, 2016 Apr;23(4):654-68. Drs. Faden, Wu, Stoica and Loane were among the co-authors on “Progressive Inflammation-Mediated Neurodegeneration After Traumatic Brain or Spinal Cord Injury” in *British Journal of Pharmacology*, 2016 Feb;173(4):681-91.



Byong Yong Yi, PhD

► **Byong Yong Yi, PhD**, Professor, Department of Radiation Oncology, was the senior author on “Improving Delivery Accuracy of Stereotactic Body Radiotherapy to a Moving Tumor Using Simplified Volumetric Modulated Arc Therapy” in *PLoS One*, 2016 Jun 22;11:e0158053. Dr. Yi was also among the co-authors on “Four-Dimensional Dose Reconstruction Through in vivo Phase Matching of Cine Images of Electronic Portal Imaging Device” in *Medical Physics*, 2016 Jul;43(7):4420.



Marta Lipinski, PhD



Gary Fiskum, PhD

NEW FACULTY



We welcome our new faculty!

► **Robert Cambridge, Jr., DO, MPH**, was appointed as a Clinical Assistant Professor of Emergency Medicine in the Program in Trauma on July 25. He will be a member of the Air Force's C-STARS Emergency Medicine/Critical Care team at the R Adams Cowley Shock Trauma Center. Dr. Cambridge is a graduate of Nova Southeastern University COM, where he earned his Doctor of Osteopathic; he also obtained his MPH from Nova Southeastern University COM. He completed his residency in Emergency Medicine at the University of Illinois at Peoria OSF St. Francis Medical Center. He also did a two-year Fellowship in Critical Care Medicine at Washington University, Barnes Jewish Hospital. He has had an extensive military career, starting in 2004 as a 2nd Lieutenant and presently holding the rank of Major. During that time he served a deployment in Afghanistan.



Curtis Copeland, MD

► **Curtis Copeland, MD**, was appointed as a Clinical Assistant Professor of Anesthesiology in the Program of Trauma on July 25. He will be a member of the Air Force's C-STARS Anesthesiology team at the R Adams Cowley Shock Trauma Center. Dr. Copeland is a graduate of the University of Virginia. He completed his residency in Anesthesiology at the University of California Los Angeles and completed his Critical Care, Chief Administrative Fellowship at Massachusetts General Hospital. He currently holds the rank of Captain, Medical Service Corps, United States Air Force.

► **Zachary Englert, DO**, was appointed as a Visiting Instructor of Surgery in the Program in Trauma on July 1. Dr. Englert joins the clinical staff of the Acute Care and Emergency Surgery (ACES) service. Dr. Englert graduated from the Philadelphia College of Osteopathic Medicine. His residency training was at East Carolina University, Vidant Medical Center. He is currently in his second year of a two-year Fellowship at the R Adams Cowley Shock Trauma Center.

► **Ana Lia Graciano, MD, FAAP, FCCM**, has been appointed as an Associate Professor in the Department of Pediatrics. Dr. Graciano received her MD in 1977 from Facultad de Medicina de la Universidad de Buenos Aires, Buenos Aires, Argentina. She did a residency in Pediatrics at Hospital de Niños Ricardo Gutiérrez in Buenos Aires, Argentina. She was a Visiting Fellow on the Respiratory and

Surgical Intensive Care Unit, and a Research Fellow at Pediatric Surgical Laboratories, Massachusetts General Hospital, Harvard Medical School, Boston, MA. She completed her Fellowship in Critical Care Medicine at Children's Medical Center of Dallas, The University of Texas Southwestern Medical Center, Dallas, TX, and was also a Resident (PGY3) in Pediatrics at Children's Medical Center of Dallas (ABP requirement for foreign medical graduates to become Board certified). She followed this with a Fellowship in Pediatric Critical Care Medicine at the Children's Medical Center of Dallas.

► **Erin Hall, MD, MPH**, was appointed as a Visiting Instructor of Surgery in the Program in Trauma on July 1. Dr. Hall joins the clinical staff of the Acute Care and Emergency Surgery (ACES) services. Dr. Hall received her medical degree from Stanford University School of Medicine and her MPH in Epidemiology and Biostatistics from Johns Hopkins University Bloomberg School of Public Health. She completed her general surgery residency training at the Georgetown University School of Medicine. She also did a two-year research fellowship in the Department of Surgery at the Johns Hopkins University School of Medicine and is currently in her second year of a two-year fellowship at the R Adams Cowley Shock Trauma Center.



Erin Hall, MD, MPH

► **David Hampton, MD, MEng**, was appointed a Visiting Instructor of Surgery in the Program in Trauma on July 1. Dr. Hampton joins the clinical staff of the Acute Care and Emergency Surgery (ACES) services. Dr. Hampton received his Masters of Engineering from the Massachusetts Institute of Technology and his medical degree from Washington University School of Medicine in St. Louis. He completed his general surgery residency at Oregon Health & Science University and his surgical critical care fellowship at the R Adams Cowley Shock Trauma Center. Dr. Hampton has had an extensive military career, starting in 2004 at the National Naval Medical Center-San Diego at the rank of Lieutenant. He is currently an Inactive Reservist at the rank of Commander.



David Hampton, MD, MEng

► **Terence Lonergan, MD**, was appointed an Interim Visiting Assistant Professor of Emergency Medicine in the Program in Trauma on July 1. He will be a member of the Air Force's C-STARS Emergency Medicine/Critical Care team

NEW FACULTY *continued*

Terence Lonergan, MD

at the R Adams Cowley Shock Trauma Center. Dr. Lonergan is a graduate of the University of Medicine and Dentistry of New Jersey (UMDNJ) Medical School. Dr. Lonergan completed his residency in Emergency Medicine at Wright State University and completed two fellowships—one in Critical Care Medicine at Cooper University Hospital, and the second in Surgical Critical Care at the R Adams Cowley Shock Trauma Center. Dr. Lonergan has had an extensive military career, having been a member of the US Air Force since 2002. He currently holds the rank of Colonel. Dr. Lonergan served two deployments to Afghanistan and participated in Operation Unified Response in Port-au-Prince Haiti.

► **Timothy Low, MD**, was appointed an Interim Visiting Assistant Professor of Medicine in the Program in Trauma on July 1. He will be a member of the Bon Secours clinical staff. Dr. Low is a graduate of the University of Maryland School of Medicine. He did his residency training in Internal Medicine at the University of Maryland-Midtown Campus (formerly Maryland General Hospital) and his fellowship in Critical Care at the R Adams Cowley Shock Trauma Center. Dr. Low was previously a member of the US Army. His civilian clinical career has been Maryland-based, most recently at Johns Hopkins Suburban Hospital.

► **Jacques Mather, MD, MPH**, was appointed a Visiting Instructor of Surgery in the Program in Trauma on July 1. Dr. Mather is a graduate of the George Washington University School of Medicine and the Johns Hopkins School of Public Health, with a concentration in Health in Crisis and Humanitarian Assistance. Dr. Mather's residency training was served at the University of Miami/Jackson Memorial Hospital. He also served a one-year fellowship in Surgical/Critical Care and is currently completing his fellowship in Acute Care and Emergency Surgery at the R Adams Cowley Shock Trauma Center. Dr. Mather is currently a member of the Air Force Reserves.

► **Obinna Ugochukwu, MD**, was appointed a Visiting Instructor of Surgery in the Program of Trauma on July 1. Dr. Ugochukwu is a graduate of the Uniformed Services University of the Health Sciences. His residency training was served at Walter Reed National Military Medical Center. He served a one-year fellowship in Surgical/Critical Care and is currently completing his fellowship in Acute Care and Emergency Surgery at the R Adams Cowley Shock Trauma Center. Dr. Ugochukwu was a member of the US Navy, with deployment to Afghanistan.

Thanks to those who selflessly donate their time, talent and resources. Your goodwill does not go unappreciated.

► **Lahila Carina Ojeda, MD**, Resident, and **Richard Lichenstein, MD**, Professor, both from the Department of Pediatrics, along with the Maryland Teen Safe Driving Coalition, organized the distribution of 10,000 stickers reading "PRACTICE DRIVING WITH YOUR TEEN. THEY'LL ♥ U LATER" to be placed on 'To Go' takeout bags at all three Miss Shirley's restaurants (Annapolis, Inner Harbor & Roland Park), as well as at 18 Greene Turtle restaurants across the state. The campaign encouraged adults to spend time practicing safe driving techniques with teen drivers between June 17 and 24.



Richard Lichenstein, MD



► This summer the **School of Medicine** held its ninth annual Kids Mini-Med School, in conjunction with the Salvation Army's Franklin Square Boys & Girls Club in West Baltimore. Each Wednesday morning for four weeks faculty came to camp to speak on a variety of health-related topics. For their fifth and last session,

the children got to come to campus, where **Ben Lawner, DO, EMT-P**, Assistant Professor, Department of Emergency Medicine, taught them first-aid skills and CPR, with assistance from the Baltimore City Fire Department. After bandaging each other up and learning hands-only techniques for doing CPR, the students enjoyed a lunch with Michael Cryor, Chairman of the School of Medicine's Board of Visitors, who also oversees the One Baltimore initiative. Then Dean **E. Albert Reece, MD, PhD, MBA**, joined them for a graduation ceremony.

Special thanks to Dr. Lawner and all of this year's speakers, including **Wallace Johnson, Jr., MD**, Assistant Professor, Department of Medicine; **Matt Smith, MD**, Resident (Medicine); **Janel Gordon, MD, PGY2**; **Greg Jaffe, MD, PGY2**; **Richard Colgan, MD**, Professor, Department of Family Medicine; and **Shana Ntiri, MD, MPH**, Assistant Professor, Department of Family Medicine.



APPOINTMENTS



We applaud our colleagues on their recent appointments!



James Campbell, MD, MS

► **James Campbell, MD, MS**, Professor of Pediatrics, Center for Vaccine Development and Institute for Global Health, has been appointed a member of the prestigious national Committee on Infectious Diseases (COID) for the American Academy of Pediatrics. COID develops and reviews policy recommendations on the use of vaccines in children and prepares updated editions of *The Red Book: Report of the Committee on Infectious Diseases*. *The Red Book* is one of the most prestigious and commonly used resources in Pediatrics, and provides clinical guidelines on the manifestations, etiology, epidemiology, diagnosis and treatment of more than 200 common childhood conditions.

► **Shannan Dixon, MS, CGC**, Assistant Professor, Department of Pediatrics has been elected to be the Secretary/Treasurer of the National Society of Genetic Counselors (NSGC) for the term January 1, 2017–December 31, 2018. NSGC promotes the professional interests of genetic counselors and provides a network for professional communications. Local and national continuing education opportunities and the discussion of all issues relevant to human genetics and the genetic counseling profession are an integral part of belonging to the NSGC.



Shannan Dixon, MS, CGC

► **Donna Hanes, MD**, Clinical Associate Professor, Department of Medicine, has been appointed to serve as President of the University of Maryland School of Medicine Medical Alumni Association through April 28, 2017.

► **Kent Kester, MD**, Clinical Assistant Professor, Department of Medicine, was appointed to the Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria in the U.S. Department of Health and Human Services.



Donna Hanes, MD



Kathleen Neuzil, MD, MPH, FIDSA

► **Kathleen Neuzil, MD, MPH, FIDSA**, Professor of Medicine and Director of the Center for Vaccine Development in the Institute for Global Health, has been appointed an Associate Editor for the journal *Vaccine*.

► **Sandra Quezada, MD, MS**, Assistant Professor, Department of Medicine and Assistant Dean for Admissions, was inducted into the

Alpha Omega Alpha Honor Medical Society. She was elected for this honor by the medical student Beta Chapter from the University of Maryland School of Medicine.



Sandra Quezada, MD, MS

HONORS



& AWARDS

Congratulations to the following who have received honors!

► **Ari Landon, PhD**, a graduate student in the laboratory of **Ronald Gartenhaus, MD**, Professor, Department of Medicine, has been awarded a Howard Hughes Postdoctoral Fellowship and will be working in the prestigious laboratory of Dr. Joan Steitz at Yale, continuing his studies in RNA Biology.

► **Paul Lees, PhD**, Associate Professor of Medicine, Center for Vaccine Development and Institute for Global Health, was named to The Power List 2016, *Medicine Maker's* list of the Top 100 most influential people in the world of drug development and manufacturing. He was also featured in the May 2016 issue of *Medicine Maker*.

HONORS & AWARDS *continued*



Adam Puche, PhD

► **Adam Puche, PhD**, Associate Professor, Department of Anatomy & Neurobiology, received the pre-clinical Golden Apple award from the University of Maryland School of Medicine Class of 2016 and was also selected to be one of the Hooding faculty members at the class's graduation ceremony at the Hippodrome on May 19. Dr. Puche is course director of Structure and Development, the first-year medical course instructing anatomy,

histology and embryology.

► **Thomas Scalea, MD**, the Francis X. Kelley Professor in Trauma Surgery and Director of the Program in Trauma, was named an Honorary Member in the Society of Acute Care and Trauma Surgery while participating in the Advanced



Thomas Scalea, MD

Trauma Operative Management Course in Naples, Italy. This honor was given in recognition of his extraordinary contributions to the field of trauma sciences and its management as surgeon, researcher, and mentor.

► **Saumil Sethna, PhD**, a Postdoctoral Fellow from the lab of **Zubair Ahmed, PhD**, Professor, Department of Otolaryngology-Head and Neck Surgery, was the recipient of the 2016 Loris Rich Scholar award in the amount of \$35,000 from the International Retinal Research Foundation.

► **Ronn Wade**, Director of the State Anatomy Board and the School of Medicine's Anatomical Services Division, was presented with a Distinguished Service Award from the Emergency Medicine Residency Program on June 9. The award, presented by **Ken Butler, DO**, Associate Professor, Department of Emergency Medicine, recognized Wade for his long-term support and dedication to the education of physicians and the Emergency Medicine Residency.



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 realm 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.

Anatomy & Neurobiology:
Leslie-Ann Fitzpatrick

Anesthesiology: Candy DiCarlo

Biochemistry & Molecular Biology:
Qun Zhou

Dermatology: Betsy Satosky

Diagnostic Radiology & Nuclear Medicine: Brigitte Pocha

Emergency Medicine:
Linda Kesselring

Epidemiology & Preventive Medicine: Yimei Wu

Family & Community Medicine:
Karen Webster

Medical & Research Technology:
Cynthia Stambach

Medicine: Molly Lutz
Microbiology & Immunology:
Angelique Fortson

Neurology: Penelope Birkhead

Neurosurgery: Mari Jo Pohlner

Obstetrics, Gynecology & Reproductive Sciences: Robin Kissinger

Ophthalmology: Amy Kopeck

Orthopaedics: Dori Kelly

Otorhinolaryngology: Zubair Ahmed
Pathology: Rob Christenson

Pediatrics: Denise Hansen

Pharmacology: Stacey Lukasik

Physical Therapy & Rehabilitation Science: Monica Martinez

Physiology: Ken Fahnestock

Psychiatry: Lisa Cleary

Radiation Oncology: Jill Rosenberg

Surgery: Michele Mehrling

Program in Comparative Medicine:
Deborah Sanchez

Program for Personalized & Genomic Medicine: Ruth Cosentino

Program in Neuroscience: Tom McHugh

Program in Oncology: Robert Mitchell

Program in Trauma: Betsy Burcham

Program in Health Disparities & Population Health: TBD

Center for Biomedical Engineering and Technology: Pamela B. Wright

Center for Integrative Medicine:
Rebekah Owens

Center for Research on Aging: TBD

Center for Shock, Trauma and Anesthesiology Research (STAR-ORC):
Gabriela Felton

Center for Stem Cell Biology & Regenerative Medicine:
Evets Morgan

Center for Vaccine Development:
Staci Eddington

Center for Vascular & Inflammatory Diseases: Yan Sun

Institute for Genome Sciences:
Riham Keryakos

Institute for Global Health:
Katherine Frankel

Institute of Human Virology:
Nora Grannell

MD/PhD Program: Jane Bacon

Office of Admissions: Mickey Foxwell

Office of Development:
Rebecca Herman

Office of Faculty Affairs & Professional Development:
Robertha Simpson

Office of Information Services:
Sharon Bowser

Office of Public Affairs:
Caelie Haines

Office of Research Career Development: Stacie Small Mendoza

Office of Research & Graduate Studies: Terry Rogers

Office of Student Affairs:
Dawn Roberts

Office of Student Research:
Jean Marie Roth

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