

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!



Soren Bentzen, PhD, DMSc

► **Soren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, received a one-year, \$12,725 award from the International Atomic Energy Agency for “Data Managing of a Randomized Multicentre Trial of Accelerated Hypo- vs. Normo- Fractionated Radiotherapy for Head and Neck Squamous Cell Carcinoma (IAEA-HYPNO Trial).”

► **Robert Bloch, PhD**, Professor, Department of Physiology, received a two-year, \$100,000 research grant from the Friends of FSH Research (a Washington State-based Foundation) for “FSHD Myofibers Cultured from Human Xenografts: DUX4 Expression and Ca²⁺ Regulation.”



Robert Bloch, PhD

► **Rebecca Brotman, PhD, MPH**, Assistant Professor, Department of Epidemiology & Public Health, received a five-year, \$3,527,206 award from the National Institutes of Health, for “Longitudinal Study of the Vaginal Microbiome Prior to Incident STI.”

► **Curt Civin, MD**, Professor, Departments of Pediatrics & Physiology; Associate Dean for Research; and Director, Center for Stem Cell Biology & Regenerative Medicine, and **Tami Kingsbury, PhD**, Assistant Professor, Department of Physiology and Center for Stem Cell Biology & Regenerative Medicine, received a \$100,000 award from Maryland Industrial Partner-

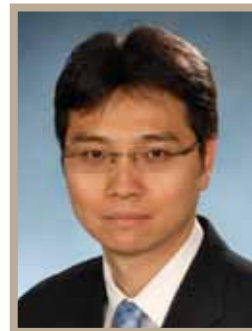


Rebecca Brotman, PhD, MPH

ships (MIPS) for “TheraCord Cord Blood Collection Device.” Dr. Civin and the Center were also awarded \$600,000 from a \$2 million Phase II R41 STTR grant from NIH and the National Cancer Institute for “Microfluidic Processing of Leukocytes for Molecular Diagnostic Testing.” They share this grant with Princeton University and GPB Scientific, LLC researchers. Dr. Civin and **John Fisher, PhD**, Professor and Associate Chair of Bioengineering, UMCP, have been awarded a multiple principal investigator \$655,000 Investigator-Initiated grant from the Maryland Stem Cell Research Fund/TEDCO for “Expansion of HSCs In a 3D Printed Bioreactor Containing MSCs as a Hematopoietic Microenvironment.”

► **Laura Hungerford, DVM, MPH, PhD**, Professor, Department of Epidemiology & Public Health, has entered into an 11-month, \$11,667 contract agreement with the Zoological Society of San Diego.

► **Deanna Kelly, PharmD, BCPP**, Professor, Department of Psychiatry and the Maryland Psychiatric Research Center (MRPC), was awarded the R56 Bridge Award, an R01 grant, for “Microsystem Development for Clozapine Monitoring in Schizophrenia.” Dr. Kelly serves as PI, and will be working with investigators to develop lab-on-a-chip sensor technology to monitor clozapine blood levels in real-time, freeing patients from traditional blood draws or standard laboratory assays.



Anthony Kim, PhD

► **Anthony Kim, PhD**, Assistant Professor, Department of Neurosurgery, and **Jeffrey Winkles, PhD**, Professor, Department of



Deanna Kelly, PharmD, BCPP

GRANTS & CONTRACTS *continued*

Surgery, received a one-year, \$100,277 Research Grant from the Elsa U. Pardee Foundation for “Fn14-targeted Brain Penetrating Nanotherapeutics for Glioblastoma.” **Graeme Woodworth, MD**, Assistant Professor, Department of Neurosurgery, is a co-investigator on the grant.

► **Peter Kochunov, PhD**, Associate Professor; **Laura Rowland, PhD**, Associate Professor; and **Andrea Wijtenburg, PhD**, Instructor, all from the Department of Psychiatry and the Maryland Psychiatric Research Center (MPRC); and **Stephen Thom, MD, PhD**, Professor, Department of Emergency Medicine, have been awarded a \$200,000 grant titled “Neurological Decompression.” They will work with Department of Defense Air Force Investigators and scientists to research the neurological effects of subcortical white matter injuries and the association of increased risk of neurological depression sickness in U2 (noncommercial) pilots.

► **Matthew Laurens, MD, MPH**, Associate Professor (study PI), and **Karen Kotloff, MD**, Professor (contract PI), both from the Department of Pediatrics and the Center for Vaccine Development (CVD), have been awarded up to \$935,337 from the National Institute of Allergy and Infectious Diseases (NIAID) for a task order to perform “A Phase I Trial to Evaluate the Safety and Infectivity of Direct Venous Inoculation and Intramuscular Injection of Purified, Cryopreserved *Plasmodium falciparum* (7G8 and NF54) Sporozoites in Non-immune Adults” as part of the Vaccine and Treatment Evaluation Unit (VTEU) contract.

► **Mary Kay Lobo, PhD**, Assistant Professor, Department of Anatomy and Neurobiology, received a five-year, \$1,918,750 R01 grant from the National Institute of Mental Health (NIMH) for “The Neurocircuitry of Depression: Molecular and Cell Subtype Mechanisms.”

► **Laurence Magder, PhD**, Professor, Department of Epidemiology & Public Health, received a two-year, \$120,454 subcontract from Johns Hopkins University for the NIH project “Hopkins Lupus Cohort.”



Peter Kochunov, PhD

► **Christopher Meenan**, Research Associate and Vice Chair of Clinical Informatics, Department of Diagnostic Radiology & Nuclear Medicine, received the BioMaryland LIFE (Leading Innovative Faculty Entrepreneur) Award on April 20 at the annual joint meeting of the Johns Hopkins Alliance for Science and Technology Development and the University of Maryland, Baltimore’s Commercial Advisory Board. The \$25,000 award recognized his work with Analytical Informatics Inc., a health information technology company that he co-founded. The purpose of the award is to advance research that has the greatest potential for commercial application.

► **Denise Orwig, PhD**, Associate Professor, Department of Epidemiology & Public Health, received a one-year, \$3,162 supplement from the National Institutes of Health, via Boston University, to continue “Biological Pathways of Acute and Chronic Stress in Aged Hip Fracture Caregivers.”

► **Glenn Ostir, PhD**, Professor, Department of Epidemiology & Public Health, has entered into a one-year, \$5,000 research services agreement with Ammonett Pharma, LLC.



Glenn Ostir, PhD

► **Jacques Ravel, PhD**, Professor, Department of Microbiology & Immunology, and Associate Director, Genomics, Institute for Genome Sciences received a five-year \$602,811 grant from the National Institutes of Health (NIH) for a multi-institutional award, led by New York University, to study the role of the oral microbiome in pancreatic cancer risk using genomics approaches.



Jacques Ravel, PhD

► **Neeraj Saxena, PhD**, Assistant Professor, Department of Medicine, received a two-year, \$215,284 grant from the National Cancer Institute (NCI) for “Beneficial Effects of Honokiol Against Liver Cancer.”



Denise Orwig, PhD



Mary Kay Lobo, PhD



PUBLICATIONS

Hats off to those who have been published!

► **Joshua Abzug, MD**, Assistant Professor, and **Robert O'Toole, MD**, Professor, both from the Department of Orthopaedics, were among the co-authors on "Are Orthopaedic Residents Competent at Performing Basic Non-operative Procedures in an Unsupervised Setting? A 'Pop Quiz' of Casting, Knee Arthrocentesis, and Pressure Checks for Compartment Syndrome" in *Journal of Pediatric Orthopaedics*, 2015 Mar 3 [Epub ahead of print]. Dr. O'Toole was also among the co-authors on "Fixed Angle Devices versus Multiple Cancellous Screws: What Does the Evidence Tell Us?" in *Injury*, 2015 Mar;46:474-477.



Kelley Banagan, MD

► **Kelley Banagan, MD**, Assistant Professor, and **Steven Ludwig, MD**, Professor, both from the Department of Orthopaedics, were among the co-authors on "Percutaneous Pedicle Screw Fixation and Fusion for Trauma," a book chapter in *Operative Techniques in Orthopaedic Surgery, 2nd edition*, published by Wolters Kluwer Health on June 12. The two also co-authored "Management of Traumatic Spondylolisthesis: Cervical and Lumbar," a chapter in the book *Spondylolisthesis: Diagnosis, Nonsurgical Management, and Surgical Techniques*, published by Springer. Dr. Ludwig was also among the co-authors on "Injuries to the Tracheoesophageal Spine," a chapter in *Textbook of the Cervical Spine*, published by Elsevier.

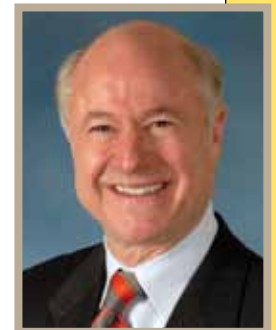
► **Uttam Bodanapally, MBBS**, Assistant Professor; **Kathirkama Shanmuganathan, MBBS**, Professor; and **David Dreizin, MD**, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on "Hyperintense Optic Nerve Due to Diffusion Restriction: Diffusion-Weighted Imaging in Traumatic Optic Neuropathy," in *AJNR American Journal of Neuroradiology*, 2015 Apr 16 [Epub ahead of print]. Drs. Bodanapally and Kathirkama Shanmuganathan also were among the co-authors on "Imaging of Traumatic Brain Injury" in *Radiology Clinics of North America*, 2015 Jul;53(4):695-715.

► **Vincent Bruno, PhD**, Assistant Professor of Microbiology & Immunology in the Institute for Genome Sciences, was among the co-authors on "RNA-Seq Analysis of the Host Response to *Staphylococcus aureus* Skin and Soft Tissue Infection in a Mouse Model" in *PLoS One*, 2015 Apr 22;10(4):e0124877. Dr. Bruno and **Amol Shetty**, Bioinformatics Software Engineer, Senior, also from the Institute for Genome Sciences, were among the co-authors on "Transcriptomic

Analysis of Vulvovaginal *Candidiasis* Identifies a Role for the NLRP3 Inflammasome" in *MBio*, 2015 Apr 21;6(2).

► **Rong Chen, PhD**, Assistant Professor, and **Edward Herskovits, MD**, Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on "Bayesian Predictive Modeling Based on Multidimensional Connectivity Profiling" in *Neuroradiology Journal*, 2015 Feb;28(1).

► **Curt Civin, MD**, Professor, Departments of Pediatrics & Physiology; Associate Dean for Research; and Director, Center for Stem Cell Biology & Regenerative Medicine, was among the co-authors on "Identification of miR-145 Targets Through an Integrated Omics Analysis" in *Molecular BioSystems*, 2015 Jan 11(1):197-207. He and **MinJung Kim, PhD**, Faculty Research Associate; **Wen-Chih Cheng, PhD**, Faculty Research Associate; and **Tami Kingsbury, PhD**, Assistant Professor of Physiology, all from the Center for Stem Cell Biology & Regenerative Medicine, were among the co-authors on "MIR144 and MIR451 Regulate Human Erythropoiesis via RAB14" in the *British Journal of Haematology*, 2015 Feb;168(4):583-597. Dr. Civin and **Kara Scheibner, PhD**, Assistant Professor, Department of Physiology and Center for Stem Cell Biology & Regenerative Medicine, were among the co-authors on "c-MYC Generates Repair Errors Via Increased Transcription of Alternative-NHEJ Factors, LIG3 and PARP1, in Tyrosine Kinase-Activated Leukemias" in *Molecular Cancer Research*, 2015 Apr 13(4):699-712.



Curt Civin, MD



Raymond Cross, MD

► **Raymond Cross, MD**, Associate Professor, and **Guruprasad Jambaulikar, MPH, MBBS**, Research Specialist, both from the Department of Medicine, and **Patricia Langenberg, PhD**, Professor; **J. Kathleen Tracy, PhD**, Associate Professor; **Joseph Collins, ScD**, Professor; and **Charlene Quinn, PhD, RN**, Associate Professor, all from the Department of Epidemiology & Public Health, were co-authors on "TELEmedicine for Patients with Inflammatory Bowel Disease (TELE-IBD): Design and Implementation of Randomized Clinical Trial" in *Contemporary Clinical Trials*, 2015, May 1; 42:132-144.

PUBLICATIONS *continued*

- ▶ **Jason Custer, MD**, Assistant Professor, Department of Pediatrics, was the lead author on “Diagnostic Error in the Pediatric and Neonatal Intensive Care Unit: A Systematic Review” in *Pediatric Critical Care Medicine*, 2015 Jan;16(1):29-36. This article was also the subject of a Society of Critical Care Medicine Pediatric Podcast featuring Dr. Custer.
- ▶ **Chris D’Adamo, PhD**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine, was lead author on “Spice My Plate: Nutrition Education Focusing Upon Spices and Herbs May Improve Diet Quality and Attitudes Among Urban High School Students” published online in the *American Journal of Health Promotion*, 2015.
- ▶ **Natalie Davis, MD, MMSc**, Assistant Professor, Department of Pediatrics, authored “Screening for Cardiopulmonary Events in Neonates: A Review of the Infant Car Seat Challenge” in *Journal of Perinatology*, 2015 Apr;35(4):235-40.
- ▶ **Timm Dickfeld, MD, PhD**, Associate Professor, Department of Medicine, and **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, published a multi-author collaborative paper on the basis of data from their Investigator-Initiated Research Grant from GE Healthcare, on which they were co-principal investigators. “Global and Regional Myocardial Innervation Before and After Ablation of Drug-Refractory Ventricular Tachycardia Assessed with 123I-MIBG” was published in the supplement to the *Journal of Nuclear Medicine* entitled “Heart Failure, Myocardial Denervation, and Noninvasive Imaging” (*Journal of Nuclear Medicine*, 2015; 56:52S-58S). Dr. Dilsizian was also among the co-authors on the Editor’s Page “Capturing Maximal Coronary Vasodilation for Myocardial Perfusion Imaging: Timing is Everything” in *Journal of the American College of Cardiology Cardiovascular Imaging*, 2015 Apr;8:499-500. Additionally, he was the chair and primary author of “COCATS 4 Task Force 6: Training in Nuclear Cardiology” and a co-author on the “COCATS 4 Task Force 4: Training in Multimodality Imaging” cardiovascular fellowship training documents, which define and apply training standards according to the six general competency domains promulgated by the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Medical Specialties, and endorsed by the American Board of Internal Medicine. Both articles were published in the *Journal of the American College of Cardiology*, 2015 May;65(17):1778-1785 and 1800-1809.
- ▶ **Michael Donnenberg, MD**, Professor, Department of Medicine, was among the

co-authors on “Type IV Pilus Secretins Have Extracellular C-termini” in *mBio*, 2015 Mar 24;6(2):e00322-00315.



David Dreizin, MD

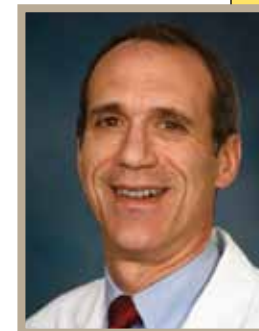
- ▶ **David Dreizin, MD**, Assistant Professor and **Uttam Bodanapally, MBBS**, Assistant Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “MDCT of Complications and Common Postoperative Findings Following Penetrating Torso Trauma” in *Emergency Radiology*, 2015 May 27.

Dr. Dreizin was also among the co-authors on “Extracorporeal Membranous Oxygenation (ECMO) in Polytrauma; What the Radiologist Needs to Know” in *Emergency Radiology*, 2015 Jun 6 [Epub ahead of print].

- ▶ **John Eley, PhD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Risk-Optimized Proton Therapy to Minimize Radiogenic Second Cancers” in *Physics in Medicine and Biology*, 2015 Apr 28;60:3999-4013.

- ▶ **Emily Eloe-Fadrosh, PhD**, former postdoctoral fellow in the Fraser Lab; **Jonathan Crabtree**, Lead Bioinformatics Software Engineer; **Arthur Brady, PhD**, Senior Bioinformatics Software Engineer; **Elliott Drabek, PhD**, Bioinformatics Software Engineer, Senior; **Bing Ma, PhD**, Research Associate; **Anup Mahurkar**, Executive Director, Software Engineering & IT; **Jacques Ravel, PhD**, Professor of Microbiology & Immunology, and Associate Director, Genomics; and **Claire Fraser, PhD**, Professor of Medicine and Microbiology & Immunology, all from the Institute for Genome Sciences, which Dr. Fraser directs, were among the co-authors on “Functional Dynamics of the Gut Microbiome in Elderly People During Probiotic Consumption” in *MBio*, 2015 Apr 14;6(2).

- ▶ **Kyle Fischer, MD, MPH**, Clinical Instructor, Department of Emergency Medicine, published the letter “Stroke Care Within the Golden Hour” in *JAMA Neurology*, 2015 Apr;72(4):475-6. He was responding to an article published in the same journal earlier in the year, in which a group of German authors concluded that the dispatch of a stroke emergency mobile unit



Michael Donnenberg, MD



John Eley, PhD

PUBLICATIONS *continued*

increased the percentage of patients who received a thrombolytic during transport, and that prehospital thrombolysis posed no danger to patients' safety and was associated with better short-term outcomes. Dr. Kyle noted that, because patients with stroke mimics and transient ischemic attacks were excluded, the study was not based on a true intention-to-treat analysis. His letter can be read at www.ncbi.nlm.nih.gov/pubmed/25867723.

► **Mohit Gilotra, MD**, Assistant Professor; **Thao Nguyen, MD**, Resident Physician; and **David Jaffe, MD**, Resident Physician, all with the Department of Orthopaedics, were among the co-authors on "Dilute Betadine Lavage Reduces Implant-Related Bacterial Burden in a Rabbit Knee Prosthetic Infection Model" in the *American Journal of Orthopedics*. 2015;44(2):E38-E41.



Edward Herskovits, MD

► **Edward Herskovits, MD**, Professor, and **Rong Chen, PhD**, Assistant Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on "Combining Diffusion Tensor Imaging and Gray Matter Volumetry to Investigate Motor Functioning in Chronic Stroke" in *PLoS One*. 2015 May12;10(5).

► **Jean Jeudy, MD**, Associate Professor; **Charles White, MD**, Professor; and **Aletta Frazier, MD**, Clinical Associate Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on "Cardiac Sarcoidosis: the Challenge of Radiologic-pathologic Correlation: From the Radiologic Pathology Archives" in

Radiographics, 2015 May-Jun35(3):657-79. Dr. Frazier was also the author of "Cardiac Sarcoidosis" in the same issue (p. 656).

► **Gaurav Jindal, MD**, Assistant Professor; **Timothy Miller, MD**, Assistant Professor; and **Dheeraj Gandhi, MBBS**, Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on "Ultra-Small Diameter Coils for Treatment of Intracranial Aneurysms" in *Interventional Neuroradiology*, 2015 Feb;21(1):50-4.

► **Chaitany Kalavagunta, PhD**, Physics Resident, Department of Radiation Oncology, was among the co-authors on "Registration of In Vivo Prostate MRI and Pseudo-Whole Mount Histology Using Local Affine Transformations

Guided by Internal Structures (LATIS)" in *Journal of Magnetic Resonance Imaging*, 2015Apr;41:1104-1114.

► **Judy LaKind, PhD**, Adjunct Associate Professor, Department of Epidemiology & Public Health, was the first author on "Lessons Learned From the Application of BEES-C: Systematic Assessment of Study Quality of Epidemiologic Research on BPA, Neurodevelopment, and Respiratory Health" in *Environment International*, 2015 Jul;80:41-71.



Patricia Langenberg, PhD

► **Patricia Langenberg, PhD**, Professor and Vice-Chair; **J. Kathleen Tracy, PhD**, Associate Professor; **Joseph Collins, ScD**, Professor; and **Charlene Quinn, PhD, RN**, Associate Professor, all from the Department of Epidemiology & Public Health, were among the co-authors on "TELEmedicine for Patients with Inflammatory Bowel Disease (TELE-IBD): Design and Implementation of Randomized Clinical Trial" in *Contemporary Clinical Trials*, 2015 May;42:132-44.

► **Jay Magaziner, PhD, MS Hyg**, Professor and Chair, Department of Epidemiology & Public Health, was among the co-authors on "Liberal Versus Restrictive Blood Transfusion Strategy: 3-Year Survival and Cause of Death Results From the FOCUS Randomized Controlled Trial" in *Lancet* [serial online], 2015 Mar 28; 385:1183-1189.



Jay Magaziner, PhD, MS Hyg

► **Theodore Manson, MD**, Associate Professor; **Robert O'Toole, MD**, Professor; and **Christina Boulton, MD**, Assistant Professor, all from the Department of Orthopaedics, were among the co-authors on "Internal

Anterior Fixators For Pelvic Ring Injuries: Do Monaxial Pedicle Screws Provide More Stiffness than Polyaxial Pedicle Screws?" in *Injury*, 2015 Jun;46(6):996-1000.

► **Dirk Mayer, Dr rer nat**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-



Dirk Mayer, Dr rer nat

PUBLICATIONS *continued*

authors on “Dynamic Responses of Selective Brain White Matter Fiber Tracts to Binge Alcohol and Recovery in the Rat” in *PLoS One*. 2015 Apr 20;10(4)

► **Minesh Mehta, MB, ChB**, Professor, Department of Radiation Oncology, was among the co-authors on “Atypical Meningioma: Randomized Trials are Required to Resolve Contradictory Retrospective Results Regarding the Role of Adjuvant Radiotherapy” in *Journal of Cancer Research and Therapeutics*, 2015 Jan–Mar;11:59–66.



Elias Melhem, MD, PhD

► **Elias Melhem, MD, PhD**, Professor and the Dean John M. Dennis Chairman, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Limbic Pathway Lesions in Patients with Multiple Sclerosis” in *Acta Radiology*, 2015 Apr 6 [Epub ahead of print].

► **Fred Moeslein, MD, PhD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Multicenter Evaluation of the Safety and Efficacy of Radioembolization in Patients with

Unresectable Colorectal Liver Metastases Selected as Candidates for (90)Y Resin Microspheres” in *Journal of Gastrointestinal Oncology*, 2015 Apr;6(2):134-42.

► **Emmanuel Mongodin, PhD**, Assistant Professor of Microbiology & Immunology in the Institute for Genome Sciences, and **Claire Fraser, PhD**, Professor of Medicine and Microbiology & Immunology, and Director of the Institute for Genome Sciences, were among the co-authors on “Phylogenomic Identification of Regulatory Sequences in Bacteria: An Analysis of Statistical Power and an Application to *Borrelia burgdorferi* Sensu Lato” in *MBio*, 2015 Apr 14;6(2).

► **Robert Morales, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “A Phase I Dose Escalation Trail of MAGE-A3- and HPV 16-specific Peptide Immunomodulatory Vaccines in Patients with Recurrent/Metastatic (RM) Squamous Cell Carcinoma of the Head and Neck (SCCHN)” in *Cancer of Immunology and Immunotherapy*, 2015 Mar;64(3):367-379.



Fred Moeslein, MD, PhD



Robert O'Toole, MD

► **Robert O'Toole, MD**, Professor, Department of Orthopaedics, was the author on “Timing of Fracture Fixation,” a chapter published in *The Shock Trauma Manual of Operative Techniques*, published by Springer. He and **W. Andrew Eglseder, MD**, Associate Professor, Department of Orthopaedics, were among the co-authors on “Are Two Plates Necessary for Extraarticular Fractures of the Distal Humerus?” in *Current Orthopaedic Practice*. 2014;25(5):462-466. Dr. O'Toole was also among the co-authors of “Location of Civilian Ballistic Femoral Fracture Predicts Arterial Injury,” in *Injury*. 2014;45(10):1637-1642. He and **Theodore Manson, MD**, Associate Professor, Department of Orthopaedics, co-authored “Open Pelvic Fractures,” a chapter in *Fractures of the Pelvis and Acetabulum: Principles and Methods of Management*, published by The AO Foundation.

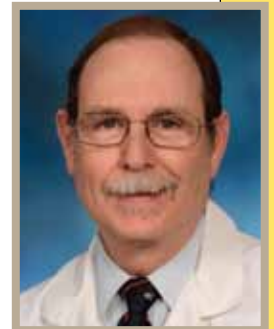
► **Michelle Pearce, PhD**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine, was lead author on “Religious Coping Among Adults Caring for Family Members with Serious Mental Illness” in *Community Mental Health Journal*, 2015 Apr 21 [Epub ahead of print]; and among the co-authors on “Genes, Religion, and Response to Religious vs Conventional Psychotherapy: A Randomized Clinical Trial in Medically Ill Patients with Major Depression” in the *Austin Journal of Psychiatry and Behavioral Science*, 2015 May;2(1):1-10.

► **Charles Resnik, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Developing a Job Description for a Vice Chair of Education in Radiology: The ADVICER Template” in *Academic Radiology*, 2015 Apr 2 [Epub ahead of print].



Horea Rus, MD, PhD

► **Horea Rus, MD, PhD**, Professor, Department of Neurology, was among the co-authors on “Targeting Repulsive Guidance Molecule A to Promote Regeneration and Neuroprotection in Multiple Sclerosis” in *Cell Reports*, 2015, March 17 [Epub ahead of print].



Charles Resnik, MD

PUBLICATIONS *continued*

► **Kathirkama Shanmuganathan, MBBS**, Professor; **Howard Richard, MD**, Associate Professor; and **Stuart Mirvis, MD**, Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Blunt Splenic Injury: Use of a Multidetector CT-Based Splenic Injury Grading System and Clinical Parameters for Triage of Patients at Admission” in *Radiology*, 2015 Mar;274(3):702-11.



Navesh Sharma, DO, PhD

► **Navesh Sharma, DO, PhD**, Assistant Professor, Department of Radiation Oncology, and **Fred Moeslein, MD, PhD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Multicenter Evaluation of the Safety and Efficacy of Radioembolization in Patients with Unresectable Colorectal Liver Metastases Selected as Candidates for 90Y Resin Microspheres” in *Journal of Gastrointestinal Oncology*, 2015 Apr;6:134–142.

► **Taehoon Shin, PhD**, Assistant Professor; **Seth Kligerman, MD**, Assistant Professor; and **Rao P Gullapalli, PhD, MBA**, Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Noncontrast-

Enhanced Peripheral Venography Using Velocity-Selective Magnetization Preparation and Transient Balanced SSFP” in *Magnetic Resonance in Medicine*, 2015 Mar 30 [Epub ahead of print]. Dr. Shin was also among the co-authors on “Velocity-Selective Magnetization-Prepared Non-Contrast-Enhanced Cerebral MR Angiography at 3 Tesla: Improved Immunity to b0/b1 Inhomogeneity” in *Magnetic Resonance Medicine*, 2015 May 2

► **Eliot Siegel, MD**, Professor; **Joseph Chen, MD**, Clinical Assistant Professor; and **Zhitong Yang, PhD**, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Evaluation of Low-Contrast Detectability of Iterative Reconstruction across Multiple Institutions, CT Scanner Manufacturers, and Radiation Exposure Levels” in *Radiology*, 2015 May 19 [Epub ahead of print].

► **Clint Sliker, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was



Clint Sliker, MD

among the co-authors on “Lethal Now or Lethal Later: The Natural History of Grade 4 Blunt Cerebrovascular Injury” in *Journal Trauma Acute Care Surgery*, 2015;78(6)1071-1075.

► **Chandler Sours, PhD**, Postdoctoral Fellow; **Steven Roys, MS**, Research Associate; **Jiachen Zhuo, PhD**, Assistant Professor; and **Rao Gullapalli, PhD, MBA**, Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Investigation of Multiple Frequency Ranges Using Discrete Wavelet Decomposition of Resting State Functional Connectivity in Mild Traumatic Brain Injury Patients” in *Brain Connect*, 2015 Mar 26 [Epub ahead of print].

► **Elizabeth Streeten, MD**, Associate Professor, Department of Medicine was first author on “Fractures on Bisphosphonates in Osteoporosis Pseudoglioma Syndrome (OPPG): pQCT Shows Poor Bone Density and Structure” in *Bone*, 2015 Apr 16 [Epub ahead of print].

► **Oliver Tannous, MD**, Chief Resident Physician, and **Steven Ludwig, MD**, Professor, both from the Department of Orthopaedics, were among the co-authors on “New Concepts in the Management of Thoracolumbar Fractures,” a chapter in the book *Skeletal Trauma*, 5th edition, published by Saunders.

► **Charles White, MD**, Professor; **Seth Kligerman, MD**, Assistant Professor; and **Aletta Frazier, MD**, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Pleurodesis: Indications and Radiologic Appearance” in *Japanese Journal of Radiology*, 2015 May;33(5):241-5. Dr. Frazier also authored “Intraperitoneal Solid Tumors in Children” in *Radiographics*. 2015 Mar-Apr;35(2).

► **Su Xu, PhD**, Associate Professor, and **Rao Gullapalli, PhD, MBA**, Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors of “Motor Cortex Stimulation Suppresses Cortical Responses to Noxious Hindpaw Stimulation after Spinal Cord Lesion in Rats” in *Brain Stimulation*, 2015 Mar-Apr;7(2):182-9.

► **Jiachen Zhuo, PhD**, Assistant Professor, and **Andrew Steven, MD**, Assistant Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the coauthors of “Functional Neuroimaging: Fundamental Principles and Clinical Applications” in *Neuroradiology Journal*, 2015 May 11 [Epub ahead of print].



Elizabeth Streeten, MD

APPOINTMENTS



We applaud our colleagues on their recent appointments!



Sergei Atamas, MD, PhD

► **Sergei Atamas, MD, PhD**, Associate Professor, Department of Medicine, has been invited to serve as a member of the Arthritis, Connective Tissue and Skin Study Section of the Center for Scientific Review at NIH beginning July 1.

► **Cynthia Bearer, MD**, the Mary Gray Cobey Professor of Neonatology, Department of Pediatrics, has been selected as the next Editor-in-Chief of *Pediatric Research*, the official journal for the Society of Pediatric Research, the American Pediatric Society, and the European Society of Pediatric Research.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, has been re-elected to the Board of Directors of the Society of Nuclear Medicine and Molecular Imaging for an additional three years, 2015-2018.

► **Reha Erzurumlu, PhD**, Professor, Department of Anatomy & Neurobiology, has been invited by Dr. Richard Nakamura, Director, Center for Scientific Review, National Institutes of Health, to serve as the Chairperson of the Somatosensory and Chemosensory Study Section for the term beginning July 1, 2015 and ending June 30, 2016.

► **Bankole Johnson, DSc, MD, MB, ChB, MPhil, FRCPsych, DFAPA**, The Dr. Irving J. Taylor Professor and Chair, Department of Psychiatry, was appointed in February as a member of the Heroin and Opioid Emergency Task Force by Maryland Governor Larry Hogan and Lieutenant Governor Boyd Rutherford. The team is comprised of law enforcement, elected officials, and substance abuse experts, and meets regularly to address Maryland's growing heroin and opioid crisis.

► **Hugh Mighty, MD**, former chair of the Department of Obstetrics, Gynecology & Reproductive Sciences, has been appointed Dean of the Howard University College of Medicine and



Cynthia Bearer, MD



Mark Mishra, MD

► **Mark Mishra, MD**, Assistant Professor, Department of Radiation Oncology, was appointed to a three-year term on the Patient-Centered Outcomes Research Institute's Advisory Panel on Patient Engagement.

► **Thomas Scalea, MD, FACS**, the Honorable Francis X. Kelly Distinguished Professor of Trauma Surgery, Department of Surgery, and Director, Program in Trauma, has been elected to the Alpha Omega Alpha Honor Medical Society.

► **Jill Whitall, PhD**, Professor, Department of Physical Therapy & Rehabilitation Science, assumed the role of Director of the PhD program in Physical Rehabilitation Science beginning July 1. Dr. Whitall, who replaced **Larry Forrester, PhD**, brings extensive prior experience within the program and in graduate education and training.

► **Richard Zhao, PhD**, Professor, Departments of Pathology and Microbiology & Immunology, has been invited to serve a three-year term as an Overseas Expert Advisory Councilor for the Overseas Chinese Affairs Office of the State

Council of the People's Republic of China, an administrative office reporting directly to the Chinese Premier. The Overseas Expert Advisory Council consists of nearly 100 experts in natural and social sciences from 17 different countries.



Hugh Mighty, MD



Bankole Johnson, DSc, MD, MB, ChB, MPhil, FRCPsych, DFAPA

HONORS

& AWARDS



Congratulations to the following who have received honors!

► **William Carpenter, MD**, Professor, Department of Psychiatry, and former Director, Maryland Psychiatric Research Center (MPRC), received the Gerald E. Hogarty Excellence in Schizophrenia Research Memorial Award, and presented the Award Lecture on “Eight Paradigms for Therapeutic Discovery” at the 31st Annual Pittsburgh Schizophrenia Conference in May.



William Carpenter, MD

► **Curt Civin, MD**, Professor, Departments of Pediatrics & Physiology; Associate Dean for Research;

and Director, Center for Stem Cell Biology & Regenerative Medicine, has been selected to receive the 2015 American Society of Hematology (ASH) Mentor Award. The award will be presented at the ASH Annual Meeting in December.



Robert Gallo, MD

► **Robert Gallo, MD**, the Homer and Martha Gudelsky Distinguished Professor of Medicine and Director, Institute of Human Virology, received his 33rd honorary doctorate, from Beijing University of Technology, during the 7th Meeting of the Global Virus Network (GVN) in Beijing, China on May 17.

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, was recognized on *Becker's Hospital Review's* “50 Experts Leading the Field of Patient Safety” for 2015.

► **Sharon Henry, MD, FACS**, the Anne Scalea Professor in Trauma, Department of Surgery, was named the Student National Medical Association Faculty Honoree of the Year at the SNMA Senior Banquet in May.

► **Sarah Kilby**, a second-year student in the Masters in Public Health program

within the Department of Epidemiology & Public Health, and a Clinical Research Assistant in the Department of Pediatrics, won

first place in the graduate student category at the Public Health Research Day Poster Session at UMCP, on April 9, for her poster “Assessing Compliance for Proposed CACFP Meal Pattern Changes and Recent Maryland Legislation in Maryland Childcare Centers.”

► **Michael Lai, PhD**, successfully defended his PhD thesis “Role of BK Channels in Cardiac Function” on April 14 at the Fischell Department of Bioengineering, A. James Clark School of Engineering, UMCP. Michael was the first joint student to graduate as part of a collaborative effort between the School of Medicine and the Fischell Department of Bioengineering. He performed his dissertation research in the lab of **Andrea Meredith, PhD**, Associate Professor, Department of Physiology, engaging his engineering training in the study of cardiac ion channels and their biophysical and electrophysiological properties.



Richard Macko, MD

► **Richard Macko, MD**, Professor, and **Anindo Roy, PhD**, Assistant Professor, both from the Department of Neurology; and **Larry Forrester, PhD**, formerly of the Department of Physical Therapy & Rehabilitation Science, who are developing the Anklebot, a bio-based software engine for adaptive control of modular robots for clinical neuro-rehabilitation, were awarded \$50,000 from the Abell Foundation to address critical funding gaps in the translation to market of their promising research.

► **Amal Mattu, MD**, Professor, Department of Emergency Medicine, received the Distinguished Educator Award from the Council of Emergency Medicine Residency Directors during the organization's annual meeting, which was held in Phoenix in April. The award recognizes Dr. Mattu for the development of enduring educational materials, specifically his publication *ECGs for the Emergency Physician* (with sales of 30,000 around the world and translations into Portuguese, Polish, Chinese, and Japanese), and his online curriculum, ECG Weekly, through which Dr. Mattu has posted weekly ECG cases since September 2011. This online tutorial has been viewed by healthcare providers in more than 200 countries and has logged 6.2 million minutes (12 years!) of video time watched.



Dr. Henry with 2015 graduating seniors Nicholas Dorsey, Kelli Outlaw, Brainerd Erhiawarien, Keeyana Singleton, Nofisat Sonekan, Norman Vince Hill and Negar Yaghooti. (Not pictured is Cameron Gilliard.)

HONORS & AWARDS *continued*

► **Terrence Mulligan, DO, MPH**, Clinical Assistant Professor, Department of Emergency Medicine, received the 2015 International Emergency Medicine Leadership Award from the American Academy of Emergency Medicine (AAEM) during the association's 21st Annual Scientific Assembly, held in Austin, TX in March. The award honored Dr. Mulligan's 15 years of leadership, service, and scholarship in the field of international emergency medicine and global acute care development for AAEM, the American College of Emergency Physicians, the International Federation of Emergency Medicine, and other national and global emergency medicine organizations. During the conference, Dr. Mulligan was also reappointed as chairman of the AAEM International Emergency Medicine Committee, a position he has held since 2012.

► **David Riedel, MD, MPH**, Assistant Professor of Medicine, Institute of Human Virology, was awarded the 2015 Passano Foundation Clinician-Investigator Award. The honor is an annual award with a nomination process to promote the research career development of young faculty clinician investigators.

► **Jing Yin, DDS**, Research Supervisor for the

Genomics Core Facility, received the Cecil S. Kelly Memorial Employee of the Year Award from the University of Maryland, Baltimore (UMB) at a ceremony held April 2 at the Southern Management Corporation Campus Center. The award, which comes with a plaque and \$1500, honors the top employee among all of the UMB Employee

of the Month winners in the year prior.

► The following awards were given by the **Department of Epidemiology & Public Health** at their Commencement ceremony in May:

- Trudy Bush, PhD, MHS Award - Danielle Abraham
- Dorothy and Morris Magaziner Endowment Award - Rasheeda Johnson



David Riedel, MD, MPH



UMB President Jay Perman, MD; Yin; Anthony Lehman, MD; and Genomics Core director Nicholas Ambulos, PhD

- MS in Clinical Research Alumni Fund Award - Brody Wehman and Megan Anders
- The Gerontology Early Career Development Award - Jona Johnson
- Renee Royak-Schaler, PhD, Med Memorial Fund Award - Jamila Torain and Bethany Strong
- Medical School Teaching Award - Lynn Schriml
- Epidemiology, Human Genetics and Gerontology Award for Faculty Teaching - Sania Amr
- Epidemiology, Human Genetics and Gerontology Award for Faculty Mentoring - Laura M. Yerges-Armstrong
- Master of Public Health Teaching and Mentoring Awards - Bruce Deforge and Susan Wozenski
- Lifetime Achievement Award - Patricia Langenberg
- Delta Omega Honorary Society in Public Health - David Riedel, Lee Anne Palmer, and Jennifer Courneya
- The Honor Society of Phi Kappa Phi - Ilynn Bulatao and Lindsay Croft

COMMUNITY



ENGAGEMENT

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

► **The Department of Anesthesiology** hosted a Bring Your Child to Work Day on April 23. Twenty-four children of employees—ranging in age from 10–17 years old—participated in a variety of talks on everything from anesthesia topics to anatomy and Internet safety.

► Members of the Department of Epidemiology & Public Health, including faculty members **Wendy Lane, MD, MPH**, Clinical Associate Professor; **Lisa Pineles, MA**, Research Associate; staff members **Lily Jarman-Reisch, MSW, MA**; **Danielle Stegman, BA**, **Yimei Wu, MHS**; PhD student **Lindsay Croft**; and fourth-year medical student **Brandon Greenfield**, assisted a local Baltimore church with food packing and distribution in the aftermath of the rioting. Lane also ran a toiletries drive for B'more For Healthy Babies—Upton Druid Heights, and on May 4, she delivered the items to AME Zion Church on Pennsylvania Ave, a few blocks from the UMB campus.

EVENTS, LECTURES

& WORKSHOPS



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



Gad Alon, PT, PhD



Carissa Baker-Smith, MD
MS MPH

► **Gad Alon, PT, PhD**, Professor Emerits, Department of Physical Therapy & Rehabilitation Science, presented the 2015 John H. P. Maley Lecture “Why Has It Been So Difficult For the Medical and Physical Therapy Communities to Embrace FES as a Standard of Care?” at the American Physical Therapy Association’s NEXT Conference and Exposition at National Harbor, MD, on June 5.

► **Dayanand Bagdure, MBBS, MPH, FAAP**, Assistant Professor, Department of Pediatrics, was invited to present Grand Rounds at G.S. Medical College, T.N. Medical College and L.T.M. Medical College, all at the University of Mumbai, India. His topics were “Hyperglycemic Hyperosmolar Syndrome and Obesity in Pediatrics” and “Viral infections and the Pediatric ICU.”

► **Carissa Baker-Smith, MD, MS, MPH**, Assistant Professor, Department of Pediatrics, presented “Use of Multiple Anti-Hypertensive Agents in the 10 to 19 Year Old Population (Control#: 10465)” at the Medical Management of Hypertension poster session during the American College of Cardiology Scientific Sessions in San Diego, CA in March. She also co-chaired the session “Coming Attractions: Guidelines, Registries and Quality.”

► **Brian Berman, MD**, Professor of Family & Community Medicine and Director, Center for Integrative Medicine, gave the 3rd Annual Mancuso Family Leadership in Humanism Endowed Lecture as part of Surgical Grand Rounds on June 11. His topic was “The Golden Moment: What Is It and Why Does It Matter?”

► **Kevin Chen, PhD, MPH**, Associate Professor of Family & Community Medicine in the Center for Integrative Medicine, gave a Keynote speech on “Major Methodological Challenges in the Clinical Study of the Practice of Qigong as Therapy” at the International Conference on Qigong and Health Science “Body-Mind-Spirit: East Meet West” on May 8 in Palermo, Italy. He also gave a four-hour workshop there on “Pain Management with Mind-Body Exercises—Evidence and Clinical Applications.”

► **Curt Civin, MD**, Professor, Departments of Pediatrics & Physiology; Associate Dean for Research; and Director, Center for Stem Cell Biology & Regenerative Medicine, was the 2014–2015 David Seegal Alpha Omega Alpha Visiting Professor and Lecturer at the Dean’s Lecture Series at Columbia University Medical Center in New York City in February, where he presented “CD34 War Stories and MicroRNA Maestros of Hematopoiesis and Leukemia.” Dr. Civin also presented “Repurposing Artemisinin Anti-Malarials for Acute Leukemia Treatment” in February at Pediatric Grand Rounds at Columbia University in NY, and was invited by the AAMC to brief the Senate Health, Education, Pensions, and Education (HELP) Committee on the roles of the NIH and FDA in enhancing the process for getting safe treatments, devices, and cures to patients. He provided academic medicine’s perspective on innovation and medical research and then fielded questions from 30 Senate participants on April 9 in Washington, DC.

► **Victor Da Costa, MD**, Assistant Professor, Department of Otorhinolaryngology–Head & Neck Surgery, presented Grand Rounds on “The United Airway” for the Department of Pediatrics at the University of Maryland School of Medicine in May.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, who is on the Advisory Committee on the Medical Uses of Isotopes (ACMUI) of the Nuclear Regulatory Commission (NRC), presented “ACMUI’s Comments on the Advance Notice of Proposed Rulemaking for 10 CFR Part 20” to the Commission Briefing panel for the NRC, which was held in Rockville, MD, on April 14. He provided ACMUI’s recommendations and answers to the specific questions and issues identified by NRC in its development of a draft regulatory basis for possible revision of the NRC’s radiation protection standards. Dr. Dilsizian also presented “ACE and AT1R Cardiac Imaging” at the Translational Radiotracers For Nuclear Cardiology imaging session and “Role of Myocardial Viability Imaging in Clinical Practice” at the 12th Scientific Sessions of the International Conference of Nuclear Cardiology (ICNC12), which was held in Madrid, Spain, on May 3–4. He was also the cardiology Grand Rounds speaker at the University of South Florida College of Medicine in Tampa, FL, on May 12, where he presented “Controversies in Myocardial Viability Imaging: Do Current Clini-



Victor Da Costa, MD

EVENTS, LECTURES & WORKSHOPS *continued*

cal Trials Meet Society's Needs?" and delivered a luncheon lecture on "Recent Advances in Nuclear Cardiology" at the James A. Haley VA Hospital.



Patricia Dischinger, PhD

► **Patricia Dischinger, PhD**, and **Gordon Smith, MB, ChB, MPH**, both Professors, Department of Epidemiology & Public Health, presented "Injury Research at the National Study Center for Trauma & EMS—Update and Opportunities for Collaboration" on April 15, as part of the Trauma and Emergency Care Research Seminar Series.

► **David Dreizin, MD**, Assistant Professor, and **Uttam Bodanapally, MBBS**, Assistant Professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, presented "MDCT in the Evaluation of Penetrating Neck Trauma: Accuracy in Diagnosis of Upper Aero-Digestive Tract Injury" at the American Roentgen Ray Society Annual Meeting in Toronto, Ontario, Canada on April 20.

► **David Eisenman, MD**, Associate Professor, Department of Otorhinolaryngology–Head & Neck Surgery, presented "Sinus Wall Reconstruction for Pulsatile Tinnitus: Predictors of Success" to the annual meeting of the American Neurotology Society, held in Boston in April.

► **Ricardo Feldman, PhD**, Associate Professor of Microbiology & Immunology, gave the Keynote speech "What Might We Learn From Cell Models of Gaucher Disease?" at the 6th European Gaucher Leadership Forum held in Berlin, Germany March 27–28.

► **Mangla Gulati, MBBS, FACP, SFHM**, Assistant Professor, Department of Medicine, co-directed the Quality pre-course "Building a Quality Improvement Toolbox: Integrating SHM and IHI Resources" and presented "To Err is Human: Applying Human Factors to Patient Safety" at the Society of Hospital Medicine Annual Conference in National Harbor, MD, in March.

► **Ronna Hertzano, MD, PhD**, Assistant Professor, Department of Otorhinolaryngology–Head & Neck Surgery, was an invited speaker at the Uni-



Mangla Gulati, MBBS, FACP, SFHM

versity of Utah department of Otorhinolaryngology Head and Neck Surgery Biology of the Ear lecture series, where she presented "A Cell Type-Specific Approach to Study Inner Ear Development, from Transcriptional Cascades to the gEAR."

► **Judy LaKind, PhD**, Adjunct Associate Professor, Department of Epidemiology & Public Health, presented at the Institute of Medicine Workshop on the Interplay between Environmental Exposures and Obesity, March 2–3, in Research Triangle Park, NC. Dr. LaKind has also been selected to co-chair, with Dr. Benjamin Blount, CDC, the International Society of Exposure Science Councilor 25th Annual Meeting, to be held October 18–22, in Henderson, NV.

► **Maureen McCunn, MD, MIPP, FCCM**, Associate Professor, Department of Anesthesiology, spent several days in Washington, DC with the American Society of Anesthesiologists and the Trauma Center Association of America, advocating for the role of anesthesiologists in patient safety, peri-operative care and access to anesthesiologists following trauma. Congressman Andy Harris, an MD, has been a strong supporter for patient safety, health-care reform, and for NIH funding for research.

► **Andrew Neuwald, PhD**, Professor of Biochemistry & Molecular Biology in the Institute for Genome Sciences, presented "GISMO++: A Gibbs Sampler for Multi-Alignment Optimization" at The National Center for Biotechnology Information at NIH in Bethesda, MD, on May 1.

► **Elyse Pine, MD**, Assistant Professor, Department of Pediatrics, presented multiple lectures and workshops on the new and emerging topic of medical management options for transgender and gender non-conforming youth at the 14th Annual Philly Trans Health Conference, held June 4–6 in Philadelphia, PA. Her talk "Medical Options for Trans Youth" was for medical providers as well as a guide for families. Her workshops were "A Transdisciplinary Talk about Trans Care" and "Honest Answers for Trans Teens: A Medical and Emotional Health Workshop for Gender Diverse Youth."

► **John Reed, MD, MDiv**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine, presented "Post Traumatic Combat



From left: Barbara Marx Brocato, Legislative Liaison, Maryland Society of Anesthesiologists; Amar Setty MD, President, Maryland Society of Anesthesiologists; The Honorable Andy Harris, MD, Representative for Maryland's 1st District; Maureen McCunn, MD, MIPP, FCCM, Dan Shattuck, Executive Director, Maryland Society of Anesthesiologists

EVENTS, LECTURES & WORKSHOPS *continued*

Stress, Moral Injury, and Post Traumatic Growth: Native American Models for Honoring Returning Warriors” at the National Library of Medicine’s “Native Voices” Traveling Exhibit, which opened on campus on April 30.

► **Lauren Richter, DO**, Assistant Professor of Family & Community Medicine in the Center for Integrative Health & Healing, presented “Fatigue and the Adrenals” at the Maryland Naturopathic Associations Conference on May 2 in Laurel, MD.

► **Shabnam Salimi, As, MD, MSc**, Postdoctoral Fellow, Department of Epidemiology & Public Health, presented, “Clopidogrel Improves Endothelial Function in Healthy Individuals with High Platelet Aggregation” at the Graduate Research Conference on March 9, resulting in her abstract being selected for presentation at the Pharmacogenetics Research Network Meeting, held from April 27–29 at Penn State.

► **Devinder Singh, MD**, Associate Professor, and **Karan Chopra, MD**, Resident, both from the Department of Surgery, presented “Closed Incision Negative Pressure Therapy is Associated with Decreased Surgical Site Infections: A Meta-Analysis” at the 10th Annual Academic Surgical Congress (ASC) meeting on Feb 4 in Las Vegas.

► Tibetan Monks from the Drepung Gomang Monastery opened the Center for Integrative Medicine’s third Health & Wellness Conference with traditional chanting. More than 230

health care professionals and others gathered on May 9 to “explore, experience, and engage” in better health and wellness. Participants overwhelmingly agreed that they learned new tools to help them offer better care to their patients, as well as take better care of themselves.

► **Clint Sliker, MD**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, presented an educational lecture “MDCT of Vascular

Injury: Head and Neck” at the American Roentgen Ray Society Annual Meeting in Toronto, Ontario, Canada on April 22.

► **Tolulope Sodimu, Modinat Lawal, Jazmyn Thompson, Sarah Kilby, and Ngozi Obineme**, all second-year students in the Masters of Public Health program within the Department of Epidemiology & Public Health, presented a workshop at Towson University’s Spring Leadership Conference on “Transformation from Within: Tips to Becoming a Healthy Leader,” which focused on educating participants on healthy habits that can help make one a successful leader.

► **Jamila Torain, MPH**, a first-year PhD candidate in the Gerontology program in the Department of Epidemiology & Public Health, presented “Educating Elderly African Americans to Restore Sound (EARS)” at Public Health Research Day, held on April 9 at the University of Maryland, College Park (UMCP).

► **The Department of Medicine** hosted the inaugural Jack S. Lissauer Lecture in Gastroenterology & Hepatology on April 15. Dr. Donald O. Castell, Professor of Medicine and Director of the Esophageal Disorders Program at the Medical University of South Carolina, presented “Understanding Gastro-esophageal Reflux in the 21st Century.” This annual lecture-ship was made possible through the generous support of Jack S. Lissauer, MD, UMSOM Class of ’71.

► **The Department of Epidemiology & Public Health** held the 2nd Annual Health Disparities Lecture in memoriam of the late **Renee Royak Schaler, PhD, Med** on April 16. This year’s speaker, Ana Diez Roux, MD, PhD, MPH, Dean of the Drexel University School of Public Health, presented “Neighborhoods and Population Health: Where Have We Been and Where Are We Going?” to an estimated 200 attendees. On April 30, the department also hosted a special seminar on “The Evidence and Impact of HPV Latency: A New View on the Natural History of HPV,” given by Patricia Gravitt, PhD, MS, Professor, Department of Pathology, University of New Mexico, and Adjunct Professor, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health.



Devinder Singh, MD



(L-R): Drs. Jack Lissauer, Stephen Davis, Jean-Pierre Raufman, Donald Castell and Marc Hochberg

IN THE NEWS



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



Sania Amr, MD, MS

► **Sania Amr, MD, MS**, Professor, Department of Epidemiology & Public Health, was mentioned in an article in the *Qatar Tribune* in April, discussing the keynote speech she gave at an international Residency Program Directors Symposium on “Leadership in Graduate Medical Education.”

► **Brian Berman, MD**, Professor of Family & Community Medicine and Director, Center for Integrative Medicine; **Delia Chirarmonte, MD**, Assistant Professor of Family & Community Medicine, and Associate Director, Center for

Integrative Medicine; **Kalapana Shere-Wolfe, MD**, Assistant Professor of Medicine in the Center for Integrative Medicine; **John Reed, MD, MDiv**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine; **William Rollow, MD**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine; and **Laruen Richter, DO**, Assistant Professor of Family & Community Medicine in the Center for Integrative Medicine, were among the Top 100 Integrative Medicine Doctors in the US as rated by *Newsmax* and published on June 5.

► **Kevin Chen, PhD, MPH**, Associate Professor of Family & Community Medicine, Center for Integrative Medicine, was the expert for “Meditation Can Improve Your Brain Health,” written by Violet Li and published online in the *National Tai Chi Examiner* on June 17. Dr. Chen and **Delia Chiraramonte, MD**, Assistant Professor, Family & Community Medicine, and Associate Director, Center for Integrative Medicine, were also interviewed about the Center’s Self-Healing Qigong for Cancer Patients retreat in a June 17 *Baltimore Sun* article, written by Allison Eatough titled “Qigong Retreat for Cancer Patients.”

► **Terri Fevang**, a therapeutic musician working with the Center for Integrative Medicine’s Integrative Inpatient Care Team, was featured in the June 2015 issue of the *Bloomsburg University Magazine* in an alumni profile titled, “Melody of Healing.”



Brian Berman, MD



Michelle Pearce, PhD

► **Daniel Morgan, MD, MS**, Associate Professor, Department of Epidemiology & Public Health, was featured on the Society for Healthcare Epidemiology of America (SHEA) website on April 1, in the story “Ebola Planning Created Need for Unprecedented Preparedness in Hospitals.”

► **Michelle Pearce, PhD**, Assistant Professor, Department of Family & Community Medicine and the Center for Integrative Medicine, was featured in a podcast in April 2015 called “Shining the Light: Thanatology” about death, dying, and mourning and Applied Thanatology programs. The interviewer was Connie Bowman, who hosts the popular podcast and blog. A full recording can be found at: <http://conniebowman.com/happyhealthyyou/2015/04/shining-the-light-thanatology/>

► **William Rollow, MD**, Assistant Professor of Family & Community Medicine, and Director of Clinical Services, Center for Integrative Medicine, was quoted in “Finding the Right Doctor for Hypothyroidism,” written by Madeline R.Vann, MPH, and published on June 16 on *Everydayhealth.com*.

► **Kate Wasserman, LCSW-C** from the Taghi Modarressi Center for Infant Study within the Department of Psychiatry, appeared on ABC 2 News on behalf of the Children’s Mental Health Matters campaign. **Tom Sloane, LCPC**, from the School Mental Health Program within the Department of Psychiatry, appeared on the same segment as he helped answer phones. The campaign is a collaboration of the Mental Health Association of Maryland (MHAMD) and the Maryland Coalition of Families (MCF), with support from the Behavioral Health Administration and MD CARES. The campaign goal, with close to 100 partners across the state each year, is to raise awareness of the importance of children’s mental health. The University of Maryland Taghi Modarressi Center for Infant Study and the Maryland Early Intervention Program (EIP) both serve as partners to help support this ongoing campaign.



Daniel Morgan, MD, MS

NEW FACULTY



We welcome our new faculty!

► **Adeel Kaiser, MD**, joined the Department of Radiation Oncology as an Assistant Professor on June 15. He will be primarily based at the department's Central Maryland Radiation Oncology Center (CMRO) in Howard County. He will also be working in downtown locations at the University of Maryland Medical Center (UMMC) and/or the Maryland Proton Treatment Center (MPTC).

Dr. Kaiser's primary clinical focus at CMRO will center on Genitourinary/Prostate and Head & Neck disease sites. He will also oversee the Stereotactic Based Radiation Therapy (SBRT) program, and assume a lead role in clinical trial development in collaboration with both departmental and community practice researchers. One area of primary investigation will involve the integration of nutrition/dietary strategies to complement conventional cancer therapies.

Dr. Kaiser is experienced in the latest radiation modalities, including intensity modulated radiation therapy (IMRT), image guided radiation therapy (IGRT), stereotactic body radiation therapy (SBRT) and proton therapy. He has over six years of extensive clinical and research experience in both academic and private practice settings.

Dr. Kaiser received his medical degree from the Johns Hopkins University

School of Medicine, and completed his internship at University of Chicago. He then went on to complete his training at the University of California Irvine Integrated

Radiation Oncology Program, where he served as Chief Resident. Dr. Kaiser began his career in the Department of Radiation Medicine at Loma Linda University in California before becoming the Medical Director of the Memorial Hermann Northeast Cancer Center in Texas.

► **Michael Slack, MD**, has joined the Department of Pediatrics as a Professor in the Division of Cardiology. Dr. Slack received his MD in 1983 at the F.E. Herbert School of Medicine, Uniformed Services University of Health Sciences, Bethesda, MD. He next did a Family Practice Internship at DeWitt Army Hospital, Fort Belvoir, VA (1983–1984). He completed a Pediatric Residency at Walter Reed Army Medical Center, Washington, DC (1984–1987), and a Pediatric Cardiology Fellowship at The Lillie Frank Abercrombie Section of Cardiology, Texas Children's Hospital/Baylor College of Medicine, Houston TX (1989–1992). He followed this with a Sub-Fellowship in Interventional Cardiology at Cardiac Catheterization Laboratories, Texas Children's Hospital/Baylor College of Medicine (1992). Dr. Slack is Board certified in Pediatrics and sub Board certified with Pediatric Cardiology. He is a member of several societies, as well as a recipient of various honors and awards.

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:
Kristie Nichols

Anesthesiology: Pamela Earle-Jackson

Biochemistry & Molecular Biology:
Qun Zhou

Dermatology: Betsy Satosky

Diagnostic Radiology & Nuclear Medicine: Brigitte Pocta

Emergency Medicine:
Linda Kesselring

Epidemiology & Preventive Medicine: Yimei Wu

Family & Community Medicine:
Karen Webster

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Medicine: Molly Lutz

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Teri Robinson

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Neurosurgery: Mari Jo Pohlner

Obstetrics, Gynecology & Reproductive Sciences: Robin Kissinger

Ophthalmology: Chinneta Pettaway-Willis

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Program in Genetics & Genomic Medicine: Ruth Cosentino

Program in Neuroscience: Tom McHugh

Program in Oncology: Robert Mitchell

Program in Trauma: Jane Anderson

Program in Health Disparities & Population Health: TBD

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Center for Integrative Medicine:
Rebekah Owens

Center for Research on Aging:
Kara Longo

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

Center for Stem Cell Biology & Regenerative Medicine:
Fuliscia Morrison

Center for Vaccine Development:
Carey Martin

Center for Vascular & Inflammatory Diseases: Talia Bailey

Institute for Genome Sciences:
Riham Keryakos

Institute of Human Virology:
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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



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