

what's the buzz?

Self-Reported News from the School of Medicine Community

EVENTS, LECTURES



& WORKSHOPS

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

► **Clement Adebamowo, BM, ChB, ScD**, Professor of Epidemiology & Public Health, Institute of Human Virology, gave a talk on “Genomics Research and Biobanking in Africa” at the WMA Expert Meeting on the Draft of the WMA Declaration on Ethical Considerations Regarding Health Databases and Biobanks, held in Copenhagen, Denmark, on September 15 and 16. Dr. Adebamowo also attended the 30th International Papillomavirus Conference & Clinical and Public Health Workshops in Lisbon, Portugal, on September 17–21, where he presented seven posters, and he was a panelist at the Chatham House Roundtable “Strengthening Data Sharing for Public Health: Ethics and Risk Mitigation” on September 25 at Chatham House: The Royal Institute of International Affairs, London, UK.



Clement Adebamowo, BM, ChB, ScD

► **Vlado Antonic, PhD**, Research Associate; **Ganga Gurung**, Research Assistant; **Terez Shea-Donohue, PhD**, Professor; **Isabel Jackson, PhD**, Assistant Professor, and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, presented “Novel Animal Model of Combined Injury and Multiple Organ Failure Caused by Radiation and Peripheral Tissue Trauma: Preliminary Results” at the annual meeting of the Radiation Research Society, held September 19–22 in Weston, FL.

► **Rebecca Brotman, PhD, MPH**, Assistant Professor of Epidemiology & Public Health, Institute for Genome Sciences, was



Vlado Antonic, PhD

an invited speaker at The International Society for STD Research (ISSTD) in Brisbane, Australia, from September 13–16, where she presented “Hormonal Contraception is Associated with Stability and *Lactobacillus*-Dominance of the Vaginal Microbiota in a Two-Year Observational Study.”

► **Howard Dubowitz, MD, MS, FAAP**, Professor, Department of Pediatrics, presented “Child Neglect” and “A Global Perspective of Child Abuse” at the 14th European Conference on Child Abuse and Neglect in Bucharest, Romania in September. He also presented the keynote address at the annual meeting of the European Ombudsmen for Children in Amsterdam, Holland, in September, where his topic was “Neglected Children: Controversies and Challenges.”



Howard Dubowitz, MD, MS, FAAP

► **Neda Frayha, MD**, Clinical Assistant Professor, Department of Medicine, presented “Implementation of a Specialty-Neutral Internship Preparation Camp: Lessons and Successes” at the inaugural National Resident Matching Program (NRMP) Transition to Residency: Conversations Across the Medical Education Continuum conference, held in New Orleans in early October. Her talk described the creation, implementation, and evaluation of a new internship preparation curriculum that she and **Philip Dittmar, MD**, Assistant Professor, Department of Medicine, and **Laura Bontempo, MD**, Assistant



Rebecca Brotman, PhD, MPH



Neda Frayha, MD

EVENTS, LECTURES & WORKSHOPS *continued*

Professor, Department of Emergency Medicine, launched together at the School of Medicine in 2013.

► **Amit Golding, MD, PhD**, Assistant Professor, Department of Medicine, and his graduate student **Elizabeth Weingartner**, from the Program in Molecular Microbiology & Immunology, presented “Direct Suppression of Ramos B cells by Human Tregs” at the Annual Frontiers in Basic Immunology conference, held from October 8–9 at the National Institutes of Health in Bethesda, MD. Dr. Golding is a VA staff clinician and Career Development Award (CDA) awardee. This research was funded by a VA CDA grant, as well as an award from the Rheumatology Research Foundation.

► **Peter Gorman, MD**, Associate Professor, Department of Neurology, was the keynote speaker in Rio Cuarto, Argentina, in September at the end of a weeklong festival entitled “Semana de Esperanza” or “Week of Hope.” This event was sponsored by the Santiago Yuni Foundation, which was created by the parents of Santiago Yuni, a now 19-year-old young man who suffered a spinal cord injury three years ago. The Foundation’s goals are to improve awareness of the issues that people with disability face in their community and to raise money to build a new 32-bed rehabilitation hospital in this central Argentina city of 150,000 in the province of Cordoba. Dr. Gorman’s talk, entitled “Clinical Trials in Spinal Cord Injury: A Continuously Changing World” or “Ensayos Clinicos en Lesion de la Medulla Espinal - Un Mundo Continuamente Cambiante,” was delivered primarily in Spanish.

► **Isabel Jackson, PhD**, Assistant Professor; **Yi Zhang, MS**, Visiting Research Assistant; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, along with



Amit Golding, MD, PhD



Peter Gorman, MD



Zeljko Vujaskovic, MD, PhD

Søren Bentzen, PhD, DMSc, Professor, Department of Epidemiology & Public Health, presented “Interrogating Pulmonary Sensitivity to Radiation Using Gene Expression Microarrays” at the annual meeting of the Radiation Research Society, held September 19–22 in Weston, FL.

► **Philip Mackowiak, MD, MACP**, Professor Emeritus, Department of Medicine, and the Carolyn Frenkil and Selvin Passen History of Medicine Scholar-in-Residence, was Visiting Professor on October 1 at the Reading Health System in Reading, PA, as well as guest speaker at the Inaugural Meeting of the Reading Maimonides Society, where he presented “Mozart’s Fatal Edema.”



Pranshu Mohindra, MD

► **Pranshu Mohindra, MD**, Assistant Professor, Department of Radiation Oncology, presented “Pathological Responses with Angiotensin-Converting Enzyme Inhibitor/Angiotensin Receptor Blocker Use in Advanced Non-Small Cell Lung Cancer” on September 7 at the 16th World Conference on Lung Cancer in Denver, CO.

► **Terrence Mulligan, DO, MPH**, Clinical Associate Professor, Department of Emergency Medicine, served as an advisor to the first meeting of emergency medicine executives representing the 10 member countries of the Association of Southeast Asian Nations (ASEAN). The purpose of the meeting, held in Bangkok in mid-September, was to begin to integrate emergency health care resources in the region, to develop and coordinate training and research opportunities, and to lay the foundation for the formation of the ASEAN Emergency Medicine Network. Dr. Mulligan participated in the planning and presentation of this event as a board member of the International Federation of Emergency Medicine. ASEAN was formed in 1967 as an economic and political organization that encourages the region’s economic growth, standard of living, and collaboration on matters of mutual interest. Its members are Brunei, Cambodia, Indonesia, Lao, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.



Philip Mackowiak, MD, MACP

EVENTS, LECTURES & WORKSHOPS *continued from page 1*

Toni Pollin, PhD

► **Toni Pollin, PhD**, Associate Professor, Departments of Medicine and Epidemiology & Public Health, presented “The Personalized Diabetes Medicine Program” at a dinner hosted by the University of Maryland School of Medicine as part of the American Association of Medical Colleges Group on Graduate, Research Education and Training (GREAT)/Group on Research Advancement and Development (GRAND) Meeting in Baltimore in mid-September. She also presented “When a Complex Disease Isn’t So Complex: Identifying, Genomically Diagnosing and Treating Patients with Monogenic Diabetes” for the Maimon M. Cohen Genetics Colloquium at the Harvey Institute for Human Genetics at the Greater Baltimore Medical Center in Towson, MD, in mid-September.

► **Jean-Pierre Raufman, MD**, Professor, Department of Medicine, presented “What Causes Diarrhea-Predominant Irritable Bowel Syndrome?” at the 7th annual Consensus and Controversies in Gastroenterology & Hepatology meeting at Mercy Medical Center in Baltimore on September 18.

► **Jacques Ravel, PhD**, Professor of Microbiology & Immunology and Associate Director, Genomics, Institute for Genome Sciences, was an invited speaker at The International Society for STD Research (ISSTD) in Brisbane, Australia, from

September 13–16, and at the European Institute of Microbiology and Infectious Diseases (EIMID), in Stockholm, Sweden, from September 23–25. His topic for both was “The Many Facets of the Vaginal Microbiome in Health and Disease.”

► **Mary Rodgers, PT, PhD, FAPTA, FASB, FISB**, Professor and Director for External Affairs, Department of Physical Therapy & Rehabilitation Science, served as a reviewer for the annual



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



Jacques Ravel, PhD

► **Ashutosh Sachdeva, MBBS, FCCP**, Assistant Professor, Department of Medicine, in collaboration with the Foundation of Cardio-Respiratory Disorders in India, organized a two-day CME symposium “Interventional Pulmonology Course and Hands-on Workshop,” held last summer at the SMC Campus Center. The activity was co-directed by **Bharat Gopal, MD, DNB, FCCP**, who is currently Director, National Chest Center, New



Lynn Schriml, PhD

Delhi, India. The symposium included a full day of didactics and a second day of hands-on workshops, including simulation training and a cadaver lab. It was a great success, with almost 60 participants having the opportunity to have one-on-one interaction with outstanding faculty and leaders in the field of Interventional Pulmonology.

► **Lynn Schriml, PhD**, Assistant Professor of Epidemiology & Public Health, Institute for Genome Sciences, was an invited speaker and panelist at



Ashutosh Sachdeva, MBBS, FCCP (in blue) with symposium participants.

EVENTS, LECTURES & WORKSHOPS *continued*

the BioCreative 5 Challenge Workshop in Seville, Spain, in September. Dr. Schriml’s panel session was “Disease Annotation and Connections to the Medical Literature,” and her talk was on “The Disease Ontology: Disease Annotation and Connections to Medical Literature.”

► **Terez Shea-Donohue, PhD**, Professor; **Vlado Antonic, PhD**, Research Associate; **Neemesh Desai**, Research Assistant; **Rex Sun**, Graduate Student; **Isabel Jackson, PhD**, Assistant Professor; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, along with **Søren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, presented “Factors Involved in the Transition From Acute to Delayed Gastrointestinal (GI) Syndrome in a Murine Model of Partial Body Irradiation” at the annual meeting of the Radiation Research Society, held September 19–22 in Weston, FL.



Rodney Taylor, MD

► **Rodney Taylor, MD**, Associate Professor, Department of Otorhinolaryngology-Head and Neck Surgery, presented “Severity of Sinusitis Symptoms Correlate with Tobacco Smoke Exposure” and also sat on an expert panel entitled “Aggrandizement of Adult Neck Masses” at the Annual American Academy of Otolaryngology-Head and Neck Surgery meeting held in Dallas, TX, September 27–30. He also sat on an expert panel on “Management of Adult Neck Masses” at the American College of Surgeons annual meeting, held October 4–8 in Chicago.

► **Richard Vincent, MD**, Fourth-year Otolaryngology Resident, and **Victor Da Costa, MD**, Assistant Professor, Department of Otorhinolaryngology-Head and Neck Surgery, presented “Oral Intake in Hospital Post Adenotonsillectomy, What Does It Predict?” at the Annual American Academy of Otolaryngology-Head and Neck Surgery meeting held in Dallas, TX, September 27–30.



Terez Shea-Donohue, PhD



Victor Da Costa, MD



Erik von Rosenvinge, MD

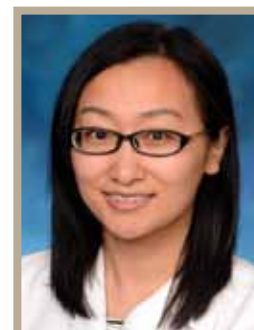
► **Erik von Rosenvinge, MD**, Associate Professor, Department of Medicine, presented “The Role of the Gut Microbiome in Gastrointestinal and Liver Diseases” at the 7th annual Consensus and Controversies in Gastroenterology & Hepatology meeting at Mercy Medical Center in Baltimore on September 18.

► **Owen White, PhD**, Professor of Epidemiology & Public Health, Associate Director, Institute for Genome Sciences, and Co-Director, Center for Health-Related Informatics and Bioimaging, was an invited speaker for the Department of Epidemiology & Public Health’s Grand Rounds on September 17, where he presented “The Human Microbiome Project: Large-Scale Data Management and Analysis.”



Owen White, PhD

► **Huijun Xu, PhD**, Physics Resident, Department of Radiation Oncology, presented “Coverage-Based Treatment Planning to Accommodate Organ Deformable Motions and Contouring Uncertainties. Part II: Applications for High-Risk Prostate Cancer” at the Workshop for Robust and Probabilistic Radiotherapy Planning, held September 16 and 17 at Massachusetts General Hospital in Boston.



Huijun Xu, PhD

► **Xiuwu Zhang, MD, PhD**, Assistant Professor; **Isabel Jackson, PhD**, Assistant Professor; **Yi Zhang, MS**, Visiting Research Assistant; **Angel Zhang**, Research Specialist; **Jingping Hu, PhD**, Research Specialist; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, presented “Implications of H₂O₂-Induced Epithelial-Mesenchymal Transition (EMT) in Development of Lung Fibrosis After Radiation” at the annual meeting of the Radiation Research Society, held September 19–22 in Weston, FL.



Zeljko Vujaskovic, MD, PhD

HONORS & AWARDS

Congratulations to the following who have received honors!

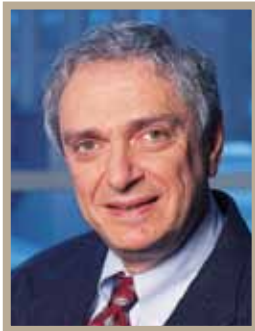


Søren Bentzen, PhD, DMSc

► **Søren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was selected as the 2015 CARO Honorary Award Lecturer at the Annual Scientific Meeting of the Canadian Association for Radiation Oncology (CARO), held in Kelowna, British Columbia, from September 9–12.

► **Mordecai Blaustein, MD**, Professor, Department of Physiology, was elected a 2015 “Fellow of the American Physiological Society” as part of its inaugural class of Fellows.

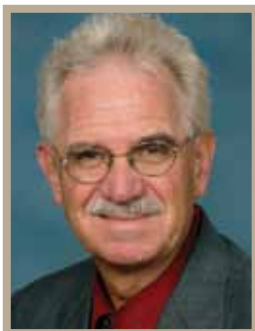
► **Rebecca Brotman, PhD, MPH**, Assistant Professor of Epidemiology & Public Health, Institute for Genome Sciences, received the 2015 NAMS/Lippincott Williams & Wilkins Best Paper of the Year Award for “Association Between the Vaginal Microbiota, Menopause Status, and Signs of Vulvovaginal Atrophy,” which was published in *Menopause*, 2014 May;21(5):450-8. This award recognized the best paper published in *Menopause* in 2014 and was presented to Dr. Brotman in Las Vegas, on October 2, 2015.



Mordecai Blaustein, MD

► **Kenneth Fahnestock, MA**, Administrator, Department of Physiology, was recognized at the third annual Johns Hopkins Carey Business School Recognition Luncheon as one of the recipients of the Stegman Award. This award acknowledges those who attained a 4.0 grade point average for their excellence in Administrative Science while pursuing a Master’s degree at Johns Hopkins University.

► **Peter Tuo Li**, an MD/PhD student in the laboratory of **Dr. Tom Blanpied** in the Department of Physiology, was awarded The Glaser Prize in Imaging



Kenneth Fahnestock, MA

for 2015 for his image showing color-coded trajectories of the movement of individual GFP-tagged transmembrane proteins in the plasma membrane of a cultured rat hippocampal neuron (each filled circle indicates the first position of a trajectory). Together they delineate the morphology of a femtoliter-sized protrusion known as the dendritic spine, an important site of excitatory synaptic transmission.

► **Sandy McCombe Waller, PT, PhD, MS, NCS**, Associate Professor and Director for Educational Affairs, Department of Physical Therapy & Rehabilitation Science, was selected as the 2015 recipient of the Henry O. and Florence P. Kendal Award. This award was established as a way for the APTA of Maryland to honor its members who have made outstanding contributions to the field of Physical Therapy and who have been a dominant force in activities which have significantly affected chapter growth and development of the profession. Dr. McCombe Waller and **Jill Whittall, PhD** were recognized for being awarded U.S. patent #8,845,494 for their STEP-R (a rehabilitation tool for LE stroke). As part of the UMB Founders Week celebration, they were given a plaque for their achievement in a ceremony prior to the UMB Entrepreneur of the Year presentation on October 21, 2015.

► On September 15, 2015, the Pediatric Hematology/Oncology Clinic at the University of Maryland Medical Center was honored with a ceremonial presentation of 2,000 origami cranes. Each crane was gently hand-crafted by pediatric patients battling cancer in Japan. The gift was presented by Tina Allen, LMT, CPMPT, CPMT, CIMT, founder of the Liddle Kidz Foundation. **Teresa York, MD**, Assistant Professor and Head of the Pediatric Hematology/Oncology Clinic, Department of Pediatrics, was joined by a pediatric oncology patient and received the cranes on behalf of the team. In addition, staff from the Center for Integrative Medicine created 4,000 paper links of love to send back to pediatric oncology patients in Japan. This exchange symbolized the message behind the gifts—peace, hope, and healing—to pediatric oncology patients worldwide. The award is displayed on the Gudelsky Wall of Honor at the University of Maryland Medical Center.



Peter Li explains his image technique to Dr. Edmund Glaser, after whom the award was named.



Sandy McCombe Waller, PT, PhD, MS, NCS

COMMUNITY



SERVICE



Linda Orkin Lewin, MD

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

► **Linda Orkin Lewin, MD**, Associate Professor, Department of Pediatrics, took a group of four residents and eight medical students to The SEED School of Baltimore to perform sports physicals. The SEED School is a public boarding school located in West Baltimore. The group performed 54 exams, allowing the students to then participate in fall sports.



NEW FACULTY

We welcome our new faculty!

► **Girish Ramachandran, PhD**, has been appointed a Research Associate in the Center for Vaccine Development within the Institute for Global Health. Dr. Ramachandran has a Bachelor degree in Biotechnology, which he followed up with a Masters in Human Genetics and another Masters in Molecular Genetics. He then received his PhD from the Center for Infection Biology at the Hannover Medical School in Germany. He joined the Center for Vaccine Development at the University of Maryland School of Medicine as a postdoctoral fellow with **Alan Cross, MD**, Clinical Professor, Department of Medicine, in 2009, and followed that with a postdoctoral fellowship with **Sharon Tennant, PhD**, Assistant Professor, Department of Medicine, before recently being promoted to Junior Faculty.



Girish Ramachandran, PhD

APPOINTMENTS



We applaud our colleagues on their recent appointments!



Louis DeTolla, VMD, PhD, DACLAM

► **Louis DeTolla, VMD, PhD, DACLAM**, Professor, Departments of Pathology, Medicine, and Epidemiology & Public Health, Director of the Program in Comparative Medicine, and Chief of Veterinary Resources, has been appointed as a member of The Board of Directors for the National Association for Biomedical Research (NABR). NABR provides a unified voice for the scientific community on legislative and regulatory matters affecting laboratory animal research, on behalf of its more than 350 universities, medical schools, teaching hospitals and pharmaceutical industries.

► **Roy Film, MPT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science, has been appointed to serve as an external reviewer in the accreditation process for the Orthopaedic Manual Physical Therapy (OMPT) Fellowship process. The American Board of Physical Therapy Specialties (ABPTS) has also selected Dr. Film to become a member of the Specialization Academy of Content Experts (SACE) as an item writer for the Orthopedic Certified Specialist (OCS) exam. He will serve a two-year term from January 1, 2016 through December 31, 2017.



Roy Film, MPT, DPT, OCS, FAAOMPT



Marcelo Sztein, MD

► **Marcelo Sztein, MD**, Professor of Pediatrics in the Center for Vaccine Development, Institute for Global Health, has been named chair of the Steering Committee of the Cooperative Centers for Human Immunology (CCHI) network, supported by the Division of Allergy, Immunology and Transplantation in NIH's National Institute of Allergy and Infectious Diseases (NIAID).



PUBLICATIONS

Hats off to those who have been published!



Clement Adebamowo, BM, ChB, ScD

► **Clement Adebamowo, BM, ChB, ScD**, Professor of Epidemiology & Public Health, Institute of Human Virology, was among the co-authors on “Cancer and HIV Infection in Referral Hospitals from Four West African Countries” in *Cancer Epidemiology*, 2015 Sep 12 [Epub ahead of print]. Dr. Adebamowo also co-authored the book chapter “Breast Cancer” in *Tropical Hemato-Oncology*, (Carme B., Couppié P., Nacher M., Thiéblemont C., Eds), published by Springer International Publishing, Geneva, Switzerland, 2015.

► **Carla Alexander, MD**, Assistant Professor of Medicine; **Anthony Amoroso, MD**, Associate Professor of Medicine; and **Robert Redfield, MD**, Professor of Medicine, all also from the Institute of Human Virology, where Dr. Redfield is Associate Director, were among the co-authors on “Implementation of HIV Palliative Care: Interprofessional Education to Improve Patient Outcomes in Resource-Constrained Settings, 2004–2012” in *Journal of Pain and Symptom Management*, 2015 Sep;(5)3:350-361.

► **Ola Awad, PhD**, Research Associate, and **Ricardo Feldman, PhD**, Associate Professor, both from the Department of Microbiology & Immunology, co-authored “Altered TFEB-Mediated Lysosomal Biogenesis in Gaucher Disease iPSCs-Derived Neuronal Cells” in *Human Molecular Genetics*, 2015 Oct 15;24(20):5775-88.

► **Søren Bentzen, PhD, DMSc**, Professor, Department of Epidemiology & Public Health, was among the co-authors on “Spatio-Temporal Stability of Pre-treatment 18F-Fludeoxyglucose Uptake in Head and Neck Squamous Cell Carcinomas Sufficient for Dose Painting” in *Acta Oncologica*, 2015 Oct;54(9):1416-22.

► **Maureen Black, PhD**, the John A. Scholl, MD, and Mary Louise Scholl, MD, Professor, Department of Pediatrics, was



Carla Alexander, MD



Søren Bentzen, PhD, DMSc



Maureen Black, PhD

among the co-authors on “Effective Interventions and Strategies for Improving Early Child Development” in *British Medical Journal (BMJ)*, 2015 Sep 14;351:h4029. She was also among the co-authors on “Family Perspectives for Low- and Middle-Income Countries” in *The Lancet Global Health*, 2015 Aug; 3(8):e426-7; and authored “Childhood Feeding Problems” in *World Review of Nutrition and Dietetics*, 2015; 113:209-13.

► **Uttam Bodanapally, MBBS**, Assistant Professor; **David Dreizin, MD**, Assistant Professor; **Clint Sliker, MD**, Associate Professor; and **Alexis Boscak, MD**,

Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Vascular Injuries to the Neck after Penetrating Trauma: Diagnostic Performance of 40- and 64-MDCT Angiography” in *AJR: American Journal of Roentgenology*, 2015 Oct;205(4):866-72. Dr. Bodanapally was also among the co-authors on “Open Globe Injuries Presenting with Normal or High Intraocular Pressure” in *Eye & Contact Lens*, 2015 Sep 14 [Epub ahead of print].

► **Vincent Bruno, PhD**, Assistant Professor of Microbiology & Immunology, Institute for Genome Sciences, was among the co-authors on “*Candida albicans* Adapts to Host Copper During Infection by Swapping Metal Co-factors for Superoxide Dismutase” in *Proceedings of the National Academy of Sciences, U.S.A.*, 2015 Sep 8 [Epub ahead of print].

► **Lina Chen, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Lateral Foot Pain” and “Lateral Foot Pain - Diagnosis: Iselin’s Disease,” both in *Skeletal Radiology*, 2015 Nov;44(11).

► **Michael Chuong, MD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Histopathologic Tumor Response After Induction Chemotherapy and Stereotactic Body Radiation Therapy for Borderline Resectable Pancreatic Cancer” in *Journal of Gastrointestinal Oncology*, 2015 Sep [Epub ahead of print].



Vincent Bruno, PhD



Michael Chuong, MD

PUBLICATIONS *continued*

► **Zachary Dezman, MD, MS**, Clinical Instructor, and **Jon Mark Hirshon, MD, MPH, PhD**, Professor, both from the Department of Emergency Medicine; **Angela Comer, MPH**, Statistician, and **Gordon Smith, MB, ChB, MPH**, Professor, both from the Department of Epidemiology & Public Health and the National Study Center for Trauma and Emergency Medical Systems; **Mayur Narayan, MD, MPH, MBA**, Assistant Professor, Department of Surgery; and **Thomas Scalea, MD**, the Francis X. Kelly Professorship in Trauma Surgery, Department of Surgery, and Director of the Program in Trauma, were among the co-authors on “Failure to Clear Elevated Lactate Predicts 24-Hour Mortality in Trauma Patients” in *Journal of Trauma and Acute Care Surgery*, 2015 Oct;79(4):580-5.



Jon Mark Hirshon, MD, MPH, PhD

► **David Dreizin, MD**, Assistant Professor; **Jane Kim, MD**, Assistant Professor; **Alexis Boscak, MD**, Assistant Professor; and **Uttam Bodanapally, MBBS**, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Will the Real SCIWORA Please Stand Up? Exploring Clinoradiologic Mismatch in Closed Spinal Cord Injuries” in *AJR: American Journal of Roentgenology*, 2015 Oct;205(4):853-60.

► **Alexander Drohat, PhD**, Associate Professor, Department of Biochemistry & Molecular Biology, was among the co-authors on “Role of Base Excision Repair in Maintaining the Genetic and Epigenetic Integrity of CpG Sites” in *DNA Repair (Amst)* 2015 Aug;32:33-42 and “Thymine DNA Glycosylase Exhibits Negligible Affinity for Nucleobases That It Removes From DNA” in *Nucleic Acids Research*, 2015 Oct 30;43(19):9541-52.

► **Howard Dubowitz, MD, MS, FAAP**, Professor, Department of Pediatrics, was among the co-authors on “Trajectories of Adverse Childhood Experiences and Self-Reported Health at Age 18” in *Academic Pediatrics*, 2015 Sep-Oct;15(5):503-9.



Howard Dubowitz, MD, MS, FAAP



Nancy Elish, DrPH

► **Nancy Elish, DrPH**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors on “Open Globe Injuries Presenting With Normal or High Intraocular Pressure” in *Eye & Contact Lens*, 2015 Sep 14 [Epub ahead of print].

► **Steven Fisher, MD**, Professor, Department of Medicine, was a co-author on “The Stress of Maternal Separation Causes Mis-Programming in the Postnatal Maturation of Rat Resistance Arteries” in *American Journal of Physiology—Heart and Circulatory Physiology*, 2015 Nov;309(9):H1468-78.



Steven Fisher, MD

► **Ron Gartenhaus, MD**, Professor, Department of Medicine, was senior author on “Hepatitis C Virus Upregulates B-cell Receptor Signaling: A Novel Mechanism for HCV-Associated B-cell Lymphoproliferative Disorders” in *Oncogene*, 2015 Oct 5 [Epub ahead of print].

► **Olga Goloubeva, PhD, MSc**, Associate Professor, Department of Epidemiology & Public Health, was among the co-authors on “Breast Magnetic Resonance Imaging (MRI) Surveillance



Ron Gartenhaus, MD

in Breast Cancer Survivors” in *Springerplus*, 2015 Aug 28;4:459. Dr. Goloubeva and **Aldo Iacono, MD**, Professor; **June Kim, MD**, Assistant Professor; and **Irina Timofte, MD**, Assistant Professor, all from the Department of Medicine, and **Pablo Sanchez, MD**, Assistant Professor; **Si Pham, MD**, Professor; and **Bartley Griffith, MD**, Professor, all from the Department of Surgery, were among the co-authors on “Venous Thromboembolic Complications of Lung Transplantation: A Contemporary Single-Institution Review” in *The Annals of Thoracic Surgery*, 2015 Dec;100(6):2033-40.



Aldo Iacono, MD



PUBLICATIONS

PUBLICATIONS *continued from page 4*



Stephen Gottlieb, MD

► **Stephen Gottlieb, MD**, Professor, Department of Medicine, was among the co-authors on “Depression and HIV Infection are Risk Factors for Incident Heart Failure Among Veterans: Veterans Aging Cohort Study” in *Circulation*, 2015 Oct 27;132(17):1630-8.

► **Jack Guralnik, MD, PhD, MPH**, Professor, Department of Epidemiology & Public Health, was among the co-authors on “The Predictive Value of the EWGSOP Definition of Sarcopenia: Results from the InCHIANTI Study” in *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*, 2015 Sep 2 [Epub ahead of print]; “Pharmacological Interventions In Frailty and Sarcopenia: Report by the International Conference on Frailty and Sarcopenia Research Task Force” in *Journal of Frailty and Aging*, 2015;4(3):114-120; and “Ischemia-Related Changes in Circulating Stem and Progenitor Cells and Associated Clinical Characteristics in Peripheral Artery Disease” in *Vascular Medicine*, 2015 Dec;20(6):534-43.



Erin Hager, PhD

► **Erin Hager, PhD**, Assistant Professor, Department of Pediatrics; **Soren Snitker, MD, PhD**, Associate Professor, Department of Medicine, and **Maureen Black, PhD**, the John A. Scholl, MD, and Mary Louise Scholl, MD, Professor, Department of Pediatrics, were among the co-authors on “Ankle Accelerometry for Assessing Physical Activity Among Adolescent Girls: Threshold Determination, Validity, Reliability, and Feasibility” in *Research Quarterly for Exercise and Sport*, 2015 Dec;86(4):397-405.

► **Fnu Harshvardhan, BPT, MS, PhD**, a UMANRRT Postdoctoral Fellow in the Department of Physical Therapy & Rehabilitation Science, was lead author on, “Site-Specific Transmission of a Floor-Based, High-Frequency, Low-Magnitude Vibration Stimulus in Children with Spastic Cerebral Palsy” in *Archives of Physical Medicine and Rehabilitation*, 2015 Sep 18 [Epub ahead of print]. He also was among the co-authors on “Comparative Effects of High- and Low-Intensity Blood Flow Restricted Cycle Training and De-training on Muscle Mass, Strength, and Aerobic Capacity” in *Journal of Strength Conditioning and*

Research, 2015 Sep 25 [Epub ahead of print].

► **Tracy Hazen, PhD**, Research Associate, Department of Microbiology & Immunology and the Institute for Genome Sciences; **James Kaper, PhD**, Senior Associate Dean for Academic Affairs, and Professor and Chair, Department of Microbiology & Immunology; and **David Rasko, PhD**, Associate Professor of Microbiology & Immunology, Institute for Genome Sciences, were among the co-authors on “Comparative Genomics Provides Insight Into the Diversity of the Attaching and Effacing *Escherichia coli* Virulence Plasmids” in *Infection and Immunity*, 2015 Oct;83(10):4103-17.



James Kaper, PhD



Scott Jerome, DO, FACC, FASNC, FSCCT

► **Scott Jerome, DO, FACC, FASNC, FSCCT**, Assistant Professor, Department of Medicine, was the lead author on “Nationwide Laboratory Adherence to Myocardial Perfusion Imaging Radiation Dose Reduction Practices: A Report From the Intersocietal Accreditation Commission Data Repository” in *JACC: Cardiovascular Imaging*, 2015 Oct;8(10):1170-6.

► **Seth Kligerman, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Primary Cardiac Osteosarcoma: AIRP Best Cases in Radiologic-Pathologic Correlation” in *Radiographics*, 2015 Sep-Oct;35(5):1352-7.



Seth Kligerman, MD



Katja Langen, PhD

► **Katja Langen, PhD**, Associate Professor, and **Minesh Mehta, MB, ChB**, Professor, both from the Department of Radiation Oncology, were co-authors on “Proton Beam Therapy Basics” in *Journal of the American College of Radiology*, 2015 Nov;12(11):1204-6.

► **Erik Lillehoj, PhD**, Associate Professor, and **Wei Guang, MD, PhD**, Research Associate, both from the Department of Pediatrics, along with

PUBLICATIONS *continued*

Avelino Verceles, MD, Assistant Professor; **Irina Luzina, MD**, Assistant Professor; **Sergei Atamas, MD, PhD**, Associate Professor; and **Simeon Goldblum, MD**, Professor, all from the Department of Medicine, were among the co-authors on “NEU1 Sialidase Regulates Membrane-Tethered Mucin (MUC1) Ectodomain Adhesiveness for *Pseudomonas aeruginosa* and Decoy Receptor Release” in *Journal of Biological Chemistry*, 2015, Jul 24, (29) 18316-18331.



Kirsten Lyke, MD

► **Kirsten Lyke, MD**, Associate Professor of Medicine; **Matthew Laurens, MD, MPH**, Associate Professor of Pediatrics; **Matthew Adams**, Laboratory Research Specialist, **Christopher Plowe, MD, MPH, FASTMH**, Professor of Medicine; and **Robert Edelman, MD**, Professor of Medicine, all from the Institute for Global Health, which Dr. Plowe directs, were among the co-authors on “Optimizing Intradermal Administration of Cryopreserved *Plasmodium falciparum* Sporozoites in Controlled Human Malaria Infection” in *American Journal of Tropical Medicine*, 2015 Dec 9;93(6):1274-84.

► **Bing Ma, PhD**, Research Associate, and **Jacques Ravel, PhD**, Professor of Microbiology & Immunology and Associate Director, Genomics, both from the Institute for Genome Sciences, were among the co-authors on “Collection Media and Delayed Freezing Effects on Microbial Composition of Human Stool” in *Microbiome*, 2015 Aug 12;3:33.



Laurence Magder, PhD

► **Laurence Magder, PhD**, Professor; **Laura Hungerford, DVM, MPH, PhD**, Professor; and **O. Colin Stine, PhD**, Professor, all from the Department of Epidemiology & Public Health, were among the co-authors on “Association Between *Shigella* Infection and Diarrhea Varies Based on Location and Age of Children” in the *American Journal of Tropical Medicine and Hygiene*, 2015 Nov 4;93(5):918-24. Dr. Magder was also a co-author, along with **Nathalie Urrunaga, MD**, Assistant Professor; **Matthew Weir, MD**, Professor; and **Ayse Mindikoglu, MD, MPH**, Associate Professor, all from the Department of Medicine, on “Prevalence, Severity,



Erik Lillehoj, PhD

and Impact of Renal Dysfunction in Acute Liver Failure on the US Liver Transplant Waiting List” in *Digestive Diseases and Sciences*, 2015 Sep 19 [Epub ahead of print].

► **Andrei Maiseyeu, PhD**, Assistant Professor; **Jeffrey Deiuliis, PhD**, Assistant Professor; and **Sanjay Rajagopalan, MBBS**, the Melvin Sharoky Endowed Professor in Cardiovascular Medicine, all from the Department of Medicine, were among the co-authors on “Hybrid Nanoparticles Improve Targeting to Inflammatory Macrophages Through Phagocytic Signals” in *Journal of Controlled Release*, 2015, Sep 18;217:243-255.



Dirk Mayer, Dr rer nat

► **Dirk Mayer, Dr rer nat**, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Hyperpolarized ¹³C NMR Observation of Lactate Kinetics in Skeletal Muscle” in *Journal of Experimental Biology*, 2015 Oct;218(Pt 20):3308-18.

► **Mark Mishra, MD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Evaluation of Brachytherapy and External Beam Radiation Therapy for Early Stage, Node-Negative Uterine Carcinosarcoma” in *Brachytherapy*, 2015 Sep-Oct;14(5):606-12.



Mark Mishra, MD

10150 as a Mitigator of Radiation-Induced Lung Injury in CBA/J Mice” in *Radiation Research*, 2015 Oct;184(4):422-32. Dr. Mohindra was also among the co-authors on “Multi-Institutional Implementation and Evaluation of a Curriculum for the Medical

► **Pranshu Mohindra, MD**, Assistant Professor; **Wilfried Goetz**, Research Lead Specialist; **Radmila Pavlovic**, Research Assistant; **Isabel Jackson, PhD**, Assistant Professor, and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, were among the co-authors on “Dose Optimization Study of AEOL



Andrei Maiseyeu, PhD



Pranshu Mohindra, MD

PUBLICATIONS *continued from page 5*

Student Clerkship in Radiation Oncology” in *Journal of the American College of Radiology*, 2015 Sep [Epub ahead of print].



Vincent Njar, PhD

► **Vincent Njar, PhD**, Professor of Medicinal Chemistry & Pharmacology, Department of Pharmacology, and Head of the Medicinal Chemistry Section, Center for Biomolecular Therapeutics (CBT), and his lab personnel **A.K. Kwegyir-Afful, MS**, Graduate Student; **Senthilmurugan Ramalingam, PhD**, Postdoctoral Fellow; **Puranik Purushottamachar, PhD**, Research Associate; and **Vidya Ramamurthy, PhD**, Postdoctoral Fellow; were among the co-authors on “Galeterone and VNPT55 Induce Proteasomal Degradation of AR/AR-V7, Induce Significant Apoptosis via Cytochrome C Release and Suppress Growth of Castration Resistant Prostate Cancer Xenografts in vivo” in *Oncotarget*, 2015 Sep 29;6(29):27440-60.

► **Jeffrey O’Connell, PhD**, Associate Professor, **Laura Yerges-Armstrong, PhD**, Assistant Professor, **May Montasser, PhD**, Assistant Professor, **Kathleen Ryan**, Bioinformatics Analyst, **Braxton Mitchell, PhD**, Professor, and **Alan Shuldiner, MD**, the John L. Whitehurst Professor of Medicine and Director of the Program for Pharmacogenomics and Genomic Medicine, all from the Department of Medicine and the Program in Personalized and Genomic Medicine, were among the co-authors on “The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study” in *PLoS Genetics*, 2015 Oct 1;11(10).

► **Prashant Raghavan, MD**, Assistant Professor; **Dheeraj Gandhi, MBBS**, Professor; and **Robert Morales, MD**, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Postoperative



Braxton Mitchell, PhD



Dheeraj Gandhi, MBBS

Imaging Findings Following Sigmoid Sinus Wall Reconstruction for Pulse Synchronous Tinnitus” in *AJNR: American Journal of Neuroradiology*, 2015 Oct 1 [Epub ahead of print].

► **Jean-Pierre Raufman, MD**, the Moses and Helen Paulson Professor of Medicine, and **Kunrong Cheng, PhD**, Assistant Professor, both from the Department of Medicine; **Cinithia Drachenberg, MD**, Professor, Department of Pathology; and **Min Zhan, PhD**, Assistant Professor, Department of Epidemiology & Public Health, were among the co-authors on “Slc10a2-Null Mice Uncover Colon Cancer-Promoting Actions of Endogenous Fecal Bile Acids” in *Carcinogenesis*, 2015;36:1193-1200.



Jean-Pierre Raufman, MD



Mary-Claire Roghmann, MD, MS

► **Mary-Claire Roghmann, MD, MS**, Professor, Department of Epidemiology & Public Health, was among the co-authors on “Antibodies to *S. aureus* LukS-PV Attenuated Subunit Vaccine Neutralize a Broad Spectrum of Canonical and Non-Canonical Bicomponent Leukotoxin Pairs” in *PLoS One*, 2015 Sep 14;10(9):e0137874.

► **Anastasios Saliaris, MB, BCh, BAO**, Assistant Professor, and **Timm-Michael Dickfeld, MD, PhD, FACC, FHRS**, Associate Professor, both from the Department of Medicine, were among the co-authors on “Freedom From Recurrent Ventricular Tachycardia After Catheter Ablation is Associated with Improved Survival in Patients with Structural Heart Disease: An International VT Ablation Center Collaborative Group study” in *Heart Rhythm*, 2015 Sep;12(9):1997-2007.

► **Chamindi Seneviratne, MD**, Assistant Professor of Psychiatry, Institute for Genome Sciences, was among the co-authors on “Advances in Medications and Tailoring Treatment for Alcohol Use Disorder” in *Alcohol Research: Current Reviews*, 2015;37(1):15-28.



Anastasios Saliaris, MB, BCh, BAO

PUBLICATIONS *continued*

► **Judi Sgambato**, graduate student, and **Ricardo Feldman, PhD**, Associate Professor, both from the Department of Microbiology & Immunology, were among the co-authors on “Gaucher Induced Pluripotent Stem Cells Display Decreased Erythroid Potential and Aberrant Myelopoiesis” in *Stem Cells Translational Medicine*, 2015 Aug;4(8):878-86.



Terez Shea-Donohue, PhD

► **Terez Shea-Donohue, PhD**, Professor, Department of Radiation Oncology, was among the co-authors on “Type 2 Immunity-Dependent Reduction of Segmented Filamentous Bacteria in Mice Infected with the Helminthic Parasite *Nippostrongylus brasiliensis*” in *Microbiome*, 2015 Sep 17;3:40.

► **Eliot Siegel, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Quantified Ultrasound Elastography in the Assessment of Cutaneous Carcinoma” in *The British Journal of Radiology*, 2015 Oct;88(1054):20150344, and “Focused Decision Support: A Data Mining Tool to Query the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Dataset and Guide Screening Management for the Individual Patient” in *Journal of Digital Imaging*, 2015 Sep 18 [Epub ahead of print].



Eliot Siegel, MD

► **Leonard Sowah, MB, ChB, MPH**, Assistant Professor; **Ulrike Buchwald, MD, Dr. med, DTM&H**, Assistant Professor; **David Riedel, MD**, Assistant Professor; **Bruce Gilliam, MD**, Associate Professor; **Mariam Khambaty, MD**, Clinical Assistant Professor; **Lori Fantry, MD, MPH**, Associate Professor; **Jeffery Weaver, PA**, Physician Assistant; **Gregory Taylor, MD**, Associate Professor; **Mary Skoglund, PA**, Physician Assistant; **Anthony Amoroso, MD**, Associate Professor; and **Robert Redfield, MD**, Professor and Associate Director of the Institute of Human Virology, all from the Department of Medicine, were among the co-authors on “Anal Cancer Screening in an Urban HIV Clinic - Provider Perceptions and Practice” in *Journal of International Association of Providers in AIDS Care*, 2015 Nov-Dec;14(6):497-504.



Leonard Sowah, MB, ChB, MPH



Mukta Srivastava, MD

► **Mukta Srivastava, MD**, Assistant Professor (lead author), and **Vincent See Jr., MD**, Assistant Professor, both from the Department of Medicine, along with **Murtaza Dawood, MD**, Assistant Professor, Department of Surgery, were among the co-authors on “A Review of the LARIAT Device: Insights From the Cumulative Clinical Experience” in *Springerplus*, 2015 Sep 17;4:522.

► **Marcelo Sztein, MD**, Professor of Pediatrics, **Rezwanul Wahid, MBBS, PhD**, Assistant Professor of Pediatrics; **Stephanie Fresnay, PhD**, Fellow, Center for Vaccine Development Training Program; and **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine, all from the Institute for Global Health, were among the co-authors on “Immunization with Ty21a Live Oral Typhoid Vaccine Elicits Cross-Reactive Multifunctional CD8+ T Cell Responses Against *Salmonella enterica* serovar Typhi, *S. Paratyphi A* and *S. Paratyphi B* in Humans” in *Mucosal Immunology*, 2015 Nov;8(6):1349-59.

► **Sharon Tennant, PhD**, Assistant Professor of Medicine; **Raphael Simon, PhD**, Assistant Professor of Medicine; **Marcela Pasetti, PhD**, Professor of Pediatrics; **James Galen, PhD**, Professor of Medicine; and **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine, all from the Institute for Global Health, were among the co-authors on “Refined Live Attenuated *Salmonella Typhimurium* and Enteritidis Vaccines Mediate Homologous and Heterologous Serogroup Protection in Mice” in *Infection and Immunity*, 2015 Dec;83(12):4504-12.



Tricia Ting, MD

► **Tricia Ting, MD**, Associate Professor, Department of Neurology, was among the co-authors on “Generic Lamotrigine Versus Brand-Name Lamictal Bioequivalence in Patients with Epilepsy: A Field Test of the FDA Bioequivalence Standard” in *Epilepsia*, 2015 Sep;56(9):1415-1424. This publication has the potential to impact the current US standards for generic drug approvals and relates to a previously reported two-year, \$1.54



Sharon Tennant, PhD



PUBLICATIONS

PUBLICATIONS *continued from page 6*

million contract from the Food and Drug Administration (FDA) that Dr. Ting and collaborators were awarded to study “Characterization of Epilepsy Patients At-Risk for Adverse Outcomes Related to Switching Antiepileptic Drugs.”

► **Huijun Xu, PhD**, Physics Resident, Department of Radiation Oncology, was among the co-authors on “Coverage-Based Treatment Planning to Accommodate Delineation Uncertainties in Prostate Cancer Treatment” in *Medical Physics*, 2015 Sep;42:5435).



Rao Gullapalli, PhD, MBA

► **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 on “Cell-Based Therapy in TBI: Magnetic Retention of Neural Stem Cells In Vivo” in *Cell Transplantation*, 2015 Sep 21 [Epub ahead of print] Dr. Xu also was among the co-authors on “Abnormalities in Brain Structure and Biochemistry Associated with MDX Mice Measured by In Vivo MRI and High Resolution Localized (1)H MRS” in *Neuromuscular Disorders*, 2015 Oct;25(10):764-72.

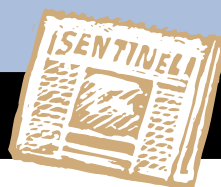
► **Laura Yerges-Armstrong, PhD**, Assistant Professor, and **Patrick McArdle, PhD**, Associate Professor, both from the Department of Medicine and the Program in Personalized and Genomic Medicine, were among the co-authors on “Large-Scale Genomic Analyses Link Reproductive Aging to Hypothalamic Signaling, Breast Cancer Susceptibility and BRCA1-Mediated DNA Repair” in *Nature Genetics*, 2015 Nov;47(11):1294-1303.

► **Jixin Zhong, MD**, Assistant Professor (lead author), and **Sanjay Rajagopalan, MBBS, FACC, FAHA**, the Melvin Sharoky Endowed Professor in Cardiovascular Medicine, both from the Department of Medicine, were among the co-authors on “Dipeptidyl Peptidase-4 Regulation of SDF-1/CXCR4 Axis: Implications for Cardiovascular Disease” in *Frontiers in Immunology*, 2015 Sep 25;6:477.



Laura Yerges-Armstrong, PhD

IN THE NEWS



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



Chris D'Adamo, PhD

► **Chris D'Adamo, PhD**, Assistant Professor of Family & Community Medicine and Director of Research, Center for Integrative Medicine, was quoted extensively in the September 15 *Baltimore Sun* article “Flower-Flavored Drinks Tout Healthful Properties, Trendy Tastes” by Meredith Cohn.

► **Matthew Laurens, MD, MPH**, Associate Professor of Pediatrics, Institute for Global Health, was quoted in the article “Physiology/Medicine Prize Recipients Discovered, Validated Natural Treatments for Devastating Diseases” in *Inside Science*, an editorially independent news service of the American Institute of Physics.



Matthew Laurens, MD, MPH

► A conversation between **Terrence Mulligan, DO, MPH**, Clinical Associate Professor, Department of Emergency Medicine, and Greg Henry, MD, a past president of the American College of Emergency Physicians, on the topic of the role of faith in medicine, was published in the August 17 issue of *Emergency Physicians Monthly*. The transcript “The Soul of the Matter: Can Believing in God Make You a Better Doctor?” is available at the journal's website, epmonthly.com, under Dr. Henry's column “Oh Henry.” Because the conversation drifted toward quantum theory, Jason Bryslawskyj, a physicist at Brookhaven National Laboratory, was invited to offer clarifying commentary.

► **Christopher Plowe, MD, MPH, FASTMH**, Professor, Department of Medicine, and Founding Director, Institute for Global Health, was quoted on October 5 in several national and international media reports about the Nobel Prize in Medicine being awarded to three scientists for discovering drugs against parasitic worms and malaria.



Christopher Plowe, MD, MPH, FASTMH

GRANTS &



CONTRACTS

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



Michael Chuong, MD

► **Michael Chuong, MD**, Assistant Professor, Department of Radiation Oncology, received funding of up to \$130,730 from Immunomedics, Inc., for “IMMUNOGENICS-107-04: An International Multi-Center Double Blind Randomized Phase III Trial of 90Y-Clivatuzumab Tetraxetan Plus Low-Dose Gemcitabine Versus Placebo Plus Low-Dose Gemcitabine in Patients with Metastatic Stage IV Pancreatic Adenocarcinoma Who Received at Least 2 Prior Treatments (PANCRT01).”

► **Alan Cross, MD**, Professor of Medicine; **Raphael Simon, PhD**, Assistant Professor of Medicine; and **Sharon Tennant, PhD**, Assistant Professor of Medicine, all from the Institute for Global Health, received a two-year, \$3,239,933 grant from Astellas for “Development of a Multivalent Vaccine to Prevent Invasive Infections and Colonization with *Klebsiella Pneumoniae* and *Pseudomonas Aeruginosa*.”



Howard Dubowitz, MD, MS, FAAP

► **Howard Dubowitz, MD, MS, FAAP**, Professor, Department of Pediatrics, was awarded grants from the Governor's Office of Crime Control and Prevention to educate law enforcement about child maltreatment (\$20,000) and to provide mental health care to victims of child abuse and domestic violence in the department's Care Clinic (\$215,000).

► **Ricardo Feldman, PhD**, Associate Professor, Department of Microbiology & Immunology, was awarded a three-year, \$690,000 Investigator Initiated Grant from the Maryland Stem Cell Research Fund for “Using iPSC to Identify Early Markers and Bio-Therapeutics for GBA1-Associated Neurodegeneration.”

► **Steven Fisher, MD**, Professor, Department of Medicine, received a \$307,000 grant from the Department of Defense (DOD) for “Novel Models to Study Effect of High-Altitude Hypoxic Exposure and Placental.”



Ricardo Feldman, PhD

► **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research in Anesthesiology, Department of Anesthesiology, and **Robert Rosenthal, MD**, Professor, Department of Emergency Medicine, were awarded a five-year \$2,644,350 R01 grant from the NIH for “Optimal Oxygenation and Gene Expression During Critical Care after Cardiac Arrest.” Dr. Fiskum; **Alan Cross, MD**, Professor of Medicine and Associate Director for Adjuvant Biology Research at the Center for Vaccine Development; and **Raymond Fang, MD**, Associate Professor of Surgery in the Program in Trauma, were awarded a one-year, \$275,000 grant from the US Air Force for “Effect of Hypobaric during Sepsis on Survival, Encephalopathy, and Energy Metabolism.”

► **Jack Guralnik, MD, PhD, MPH**, Professor, Department of Epidemiology & Public Health, received a four-year, \$1,319,329 award from the NIH to study “Statistical Methods for Vitamin D Targets for Functional Outcomes in Older Adults.”



Anthony Harris, MD, MPH

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, received a three-year, \$1,188,108 award from the Agency for Healthcare Research and Quality for “Does Universal Glove and Gown use Decrease Carbapenem-Resistant Gram-Negative Bacteria?”

► **Julie Dunning Hotopp, PhD**, Associate Professor of Microbiology & Immunology, Institute for Genome Sciences, received a Transformative Research Award from the NIH Common Fund for a five-year, \$3,598,034 High-Risk, High-Reward (HR, HR) award starting September 22, 2015 and ending August 31, 2020. NIH Director Francis S. Collins, MD, PhD, presented the award at a ceremony in December. The Transformative Research Award, established in 2009, promotes cross-cutting, interdisciplinary approaches and is open to individuals and teams of investigators who propose research that could potentially create or challenge existing paradigms. “This program has consistently produced research that revolutionized scientific fields by giving investigators the freedom to take risks and explore potentially groundbreaking concepts,” said Dr. Collins.



Gary Fiskum, PhD



Julie Dunning Hotopp, PhD

GRANTS & CONTRACTS *continued from page 7*

David Kaetzel, PhD

► **David Kaetzel, PhD**, Professor, Department of Biochemistry & Molecular Biology, was awarded a three-year, MSCRF Investigator-Initiated Research Grant entitled “NME1 as a Master Regulator of Human Mesenchymal Stem Cell Phenotype.”

► **Wendy Lane, MD, MPH**, Clinical Associate Professor, Department of Epidemiology & Public Health, received \$220,000 from the Family League of Baltimore for a one-year renewal of the B'more for Healthy Babies Program.

► **Kirsten Lyke, MD**, Associate Professor of Medicine, Institute for Global Health, received a 14-month grant for \$1,747,212 from Sanaria, Inc. and the Department of Defense for “Phase 2 Development of a PFSPZ Vaccine.”

► **Jay Magaziner, PhD, MS Hyg**, Professor and Chair, Department of Epidemiology & Public Health, received a three-month, \$27,409 award from the U.S. Department of Veterans Affairs for an IPA (Intergovernmental Personnel Act) for **Glenn Ostir, PhD**, a Professor in the Department and Director of the Division of Gerontology.

► **Glenn Ostir, PhD**, Professor, Department of Epidemiology & Public Health, received a two-month, \$10,800 award from the University of Texas at Galveston for “Archiving the Stroke Recovery in Underserved Populations Study.”



Wendy Lane, MD, MPH



Jay Magaziner, PhD, MS Hyg



Kirsten Lyke, MD



Glenn Ostir, PhD

► **Christopher Plowe, MD, MPH, FASTMH**, Professor of Medicine and Founding Director, Institute for Global Health; **Steven Fisher, MD**, Professor of Medicine; and **Mark Travassos, MD, MSc**, Assistant Professor of Pediatrics, all from the Institute for Global Health, received a four-year, \$1,785,679 grant from the National Heart, Lung, and Blood Institute (NHLBI) for “Variant Surface Antigens in Cerebral Malaria Pathogenesis.” Dr. Plowe also received a 1.5-year extension for \$380,748 (for a total award amount of \$617,702) from Community Partners International, Global Funds, for “Eliminating Border-Based Malaria;” a nine-month, \$262,731 grant from Malaria Consortium, The Three Millennium Development Goal Fund, for “Malaria Indicator Survey in Myanmar;” and a supplement from NIAID GCID (under a U19 belonging to **Claire Fraser, PhD**, Professor of Medicine and Director of the Institute for Genome Sciences) for \$192,951 for “Host, Pathogen, and the Microbiome: Determinants of Infectious Disease.”



Mark Travassos, MD, MSc



Jeremy Polf, PhD

► **Jeremy Polf, PhD**, Assistant Professor, Department of Radiation Oncology, received a five-year, \$2,717,913 grant from the National Cancer Institute, National Institutes of Health (NIH) for “Prompt Gamma Imaging For in vivo Range Verification During Proton Therapy.”

► **Vidya Ramamurthy, PhD**, Postdoctoral Fellow, was awarded a two-year, \$122,494 Prostate Cancer Research Program (PCRP) Postdoctoral Training Award from the Department of Defense (DOD) U.S. Army Medical Research and Materiel

Command for “Simultaneous Targeting of Androgen Receptor Signaling and MNK-Activated eIF4E Translation Initiation for Suppressing Growth and Progression of Prostate Cancer.”

Dr. Ramamurthy's mentor is **Vincent Njar, PhD**, Professor of Medicinal Chemistry & Pharmacology, Department of Pharmacology and Head of the Medicinal Chemistry Section, Center for Biomolecular Therapeutics (CBT), who advises Dr. Ramamurthy in her research endeavors to become an



Vincent Njar, PhD

GRANTS & CONTRACTS *continued*

independent Prostate Cancer Researcher and worked closely with her on the PCRP Postdoctoral Training Award application.

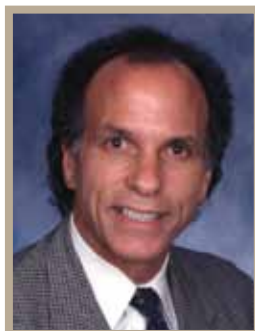
► **Mark Rogers, PhD, PT, FAFTA**, Professor and Chair, Department of Physical Therapy & Rehabilitation Science, received a two-year, \$422,125, R21 grant from NIH for “Protective Balance and Startle Responses to Sudden Drop Perturbation in Aging.”

► **Henry Silverman, MD, MA**, Professor, Department of Epidemiology & Public Health, received an eight-month, \$75,000 supplement from the National Institutes of Health for “Middle East Research Ethics Training Initiative (MERETI).”

► **Kerri Thom, MD**, Associate Professor, Department of Epidemiology & Public Health, received a four-year, \$1,875,375 award from the Agency for Healthcare Research and Quality for “Removing Barriers to Hand Hygiene and Glove Compliance: Evaluation of Two Novel Time-Efficient Interventions.”



Mark Rogers, PhD, PT, FAFTA



Henry Silverman, MD, MA

► **Zeljko Vujaskovic, MD, PhD**, Professor, Department of Radiation Oncology, and head of the Division of Translational Radiation Sciences, received funding from the Biological Advanced Research and Development Authority (BARDA) Health and Human Services Administration for “ID/OQ for BARDA CRN Animal Model,” with provisions for task order activation on this contract of up to \$20 million per year for five years. Dr. Vujaskovic also received funding for \$149,997 from the National Institute of Allergy and Infectious Diseases (NIAID) for “Administrative Supplement: U01 Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 Activator,” and received a grant from Stemnion, Inc., for \$120,000 for “Efficacy of Human AMP Cells to Mitigate Bone Marrow Injury and Improve Survival with Allogeneic Bone Marrow Transplantation Following Partial Body Irradiation.”

► **Jixin Zhong, MD, PhD**, Assistant Professor, Department of Medicine, received a three-year, \$442,917 grant from the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDKD) for “Regulation of DPP4 and Its Non-Catalytic Function in Type 2 Diabetes.” He also received a \$148,639 grant from the NIDDKD/NIH for “Insufficiency on Fetal Oxygen Metabolism and Congenital Heart Defects.”



Zeljko Vujaskovic, MD, PhD

Research Communications Network

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