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

- Clement Adebamowo, BM, ChB, ScB, Professor of Epidemiology & Public Health, Institute of Human Virology, gave a talk on “Genevra 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 10th 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.

- Vlado Antonic, PhD, Research Associate; Gangga Gurung, Research Assistant; Terez Sheiadonhue, PhD, Professor; Isabel Jackson, PhD, Assistant Professor; and Zeljko Vujaskovic, MD, PhD, Professor, all from the Department of Radiation Oncology, presented “Novel Animal Models 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 19–21 in Weston, FL.

- Rebecca Broitman, PhD, MPH, Assistant Professor of Epidemiology & Public Health, Institute for Genome Sciences, was an invited speaker at The International Society for STD Research (ISSTDR) 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 meet- ing of the European Ombudsmen for Children in Amsterdam, Holland, in September, where his topic was “Neglected Children: Controversies and Challenges.”

- Neda Freyha, 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, imple- mentation, and evaluation of a new internship preparation curriculum that she and Philip Dittmar, MD, Assistant Professor, Department of Medicine, and Laura Bontempo, MD, Assistant Professor, gave a talk on “Genomics Research” at the 14th European Conference on Child Abuse and Neglect in Bucharest, Romania in September. He also presented the keynote address at the annual meet- ing of the European Ombudsmen for Children in Amsterdam, Holland, in September, where his topic was “Neglected Children: Controversies and Challenges.”

- Søren Bentzen, PhD, DMSc, Professor, 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 Musimondes Society, where he presented “Mozart’s Fatal Edema.”

- Prazshu 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, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

Events, Lectures & Workshops

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 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 week-long festival entitled “Semana de Esperanza” or “Week of Hope.” This event was sponsored by the Santiago Yuri Foundation, which was created by the parents of Santiago Yuri, 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; Y Zhang, MS, Visiting Research Assistant; and Zeljko Vujaskovic, MD, PhD, Professor, all from the Department of Radiation Oncology, along with
Congratulations to the following who have received honors!

- 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 Bratman, 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-June; 19(4):452-8. This award recognized the best paper published in Menopause in 2014 and was presented to Dr. Broman in Las Vegas, on October 2, 2015.

- Kenneth Faulkentock, 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 Brespi’d in the Department of Physiology, was awarded The Glaser Prize in Imaging 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 fentomolar-sized protrusion known as the dendritic spine, an important site of excitatory synaptic transmission.

- Sandy McClumback 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 F. 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. McClumback Waller and Jill Whitall, 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 Hematologist/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, CPMMT, CPMT, CIMT, founder of the Liddle Kidd 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.

- Marcelo Sztein, MD, Associate Professor, Department of Allergy and Infectious Diseases (NIAID). Transplantation in NIH’s National Institute of Human Immunology (CCHI) network, supported the Committee of the Cooperative Centers for Epidemiology & Public Health, Director of the Department of Pediatrics in the Center for Science, was selected as the 2015 recipient of the Henry O. and Florence F. 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. McClumback Waller and Jill Whitall, 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.

We applaud our colleagues on their recent appointments!

- 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 (OCSS) exam. He will serve a two-year term from January 1, 2016 through December 31, 2017.

- 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).
**Hats off to those who have been published!**

- Clement Adelabumwun, MD, 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. Adelabumwun also co-authored the book chapter “Breast Cancer” in Tropical Hemato-Oncology, (Garme C., Cruppi P., Nacher M., Thalhammen C., Eds), published by Springer International Publishing, Geneva, Switzerland, 2015.

- Carla Alexander, MD, Assistant Professor of Medicine, Anthony Anzoros, 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 Sept;53:350-361.

- Ola Awad, PhD, Research Associate, and Ricardo Feldman, PhD, Associate Professor, both from the Department of Microbiology & Immunology, co-authored “Altered TFE3-Mediated Lysosomal Biogenesis in Gaucher Disease iPSC-Derived Neural Cells” in Human Molecular Genetics, 2015 Oct 15;24(20):5755-88.

- Saren Bentzon, PhD, DNSc, Professor, Department of Epidemiology & Public Health, was among the co-authors on “Spatial Temporal Stability of Pre-treatment 1H-Fluorodeoxyglucose 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 among the co-authors on “Candida albicans Adapts to Host Copper During Infection by Snapping Metal Co-factors for Superoxide Dismutase” in Proceedings of the National Academy of Sciences, U.S.A., 2015 Sep 8 [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 Snapping 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: Jelini’s Disease,” both in Skeletal Radiology, 2015 Nov;44(11).

- Michael Chung, 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].

- Nancy Ellish, 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 Ms-Programming in the Postnatal Maturation of Retinal Resistance Arteries” in American Journal of Physiology—Heart and Circulatory Physiology, 2015 Nov;309(9):H468-78.

- Ron Gartenhaus, MD, Professor, Department of Medicine, was among the co-authors on “Breast Magnetic Resonance Imaging (MRI) Surveillance in Breast Cancer Survivors” in Springerplus, 2015 Aug 28;4:459. Dr. Golenbova 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;102(6):2033-40.

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**Publications continued**

- Zachary Drezman, MD, MS, Clinical Instructor, and Jon Mark Hirshon, MD, MPH, PhD, 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 Scala, 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 Close Elevated Lactate Predicts 24-Hour Mortality in Trauma Patients” in Journal of Trauma and Acute Care Surgery, 2015 Oct;79(4):580-5.

- David Dreizin, MD, Assistant Professor; Jane Kim, MD, Assistant Professor; Alexis Boscoz, MD, Assistant Professor; and Utman Bodanapally, MD, PhD, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Will the Real SCWORA Please Stand Up? Exploring Clinicoradiologic 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 Qc28 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 Nuclei: Acius Research, 2015 Oct 30;49(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, Professor, Department of Pediatrics, was among the co-authors on “Effective Interventions and Strategies for Improving Early Child Development” in British Medical Journal (BMJ), 2015 Sep 14;351:h6029. She was also among the co-authors on “Family Perspectives for Low- and Middle-Income Countries” in The Lancet Global Health, 2015 Aug;3:426-7; 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 Siker, MD, Associate Professor; and Alexis Boscoz, 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 64- 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].

- Nancy Elissh, 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].
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):1638-9.

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 Journal 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):114-122; 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.

Erik Hager, PhD, Assistant Professor, Department of Pediatrics; Soren Snitker, MD, PhD, 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):497-505.

Fru 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 Jasper, PhD, Senior Associate Dean for Academic Affairs, and Professor and Chair, Department of Microbiology & Immunology; and Daniel Kaske, 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 Immunology, 2015 Oct;83(10):4103-17.

Scott Jerome, DO, FACC, FASENC, FSCT, 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: AIBP Best Cases in Radiologic-Pathologic Correlation" in Radiographics, 2015 Sep-Oct;35(5):1352-7.

Katja Langen, PhD, Associate Professor, and Menesh Mehta, MD, CHl, 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 Lilienbro, PhD, Associate Professor, and Wei Qiang, MD, PhD, Research Associate, both from the Department of Pediatrics, along with

Mark Mishra, MD, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was the lead author on "Nationwide Institutional Implementation and Evaluation of a Curriculum for the Medical

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 Maiseyev, PhD, Assistant Professor, Jeffrey DelValle, PhD, Assistant Professor, and Sanjasy Rajagopalan, MBBS, the Melvin Sharkey 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 Sialic Acid Signaling" in Journal of Controlled Release, 2015, Sep 18;217:243-255.

Dirk Mayer, Dr rer nat, Associate Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on "Hypoperfused 13C NMR Observation of Lactate Kinetics in Skeletal Muscle" in Journal of Experimental Biology, 2015 Oct 21;218(20):3505-18.

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 Cervical Carcinoma" in Brachytherapy, 2015 Sep-Oct;14(5):606-12.

Pranshu Mohindra, MD, Assistant Professor, Wilfried Goetz, Research Lead Specialist, Radinda Pavkovic, 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 AEOI 10150 as a Mitigator of Radiation-Induced Lung Injury in CBA/J Mice" in Radiation Research, 2015 Oct;184(4):412-32. Dr. Mohindra was also among the co-authors on "Multi-Institutional Implementation and Evaluation of a Curriculum for the Medical

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

> Vincent Nij, 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.R. Naveed-Auffl, MS, Graduate Student; Shanthimohan Ramalingam, PhD, Postdoctoral Fellow; Parunak Purushottamachar, PhD, Research Associate; and Vidya Ramamurthy, PhD, Postdoctoral Fellow were among the co-authors on “Glucone and VNF/SS Induce Progestational 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(29):27440-60.

> Jeffrey O’Connell, PhD, Associate Professor, Laura Verges-Armstrong, PhD, Assistant Professor, Hay Montasser, PhD, Assistant Professor, Kathleen Ryan, Bioinformatics Analyst, Brandan Mitchell, PhD, Professor, and Alan Shulman, MD, the John L. Whiteman 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.

> Prasanth 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 Elastography in the Assessment of Cutaneous Carcinoma” in The British Journal of Radiology, 2015 Oct;88(1054):2103544, 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].

> Leonard Sowah, MD, CBH, MPH, Assistant Professor; Urike Buchwald, Dr. med, OTMA, Assistant Professor; David Riedel, MD, Assistant Professor; Bruce Gilliam, MD, Associate Professor; Mariam Khamis, MD, Clinical Assistant Professor; Lori Farber, MPH, Associate Professor; Jeffrey Weaver, PA, Physician Assistant; Gregory Taylor, MD, Associate Professor; Mary Skoglund, PA, Physician Assistant; Anthony Amerson, 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.

> Vineta Singh, MD, Assistant Professor; and Vincent Nij, MD, Professor of Medicine and Director of the Program for Pharmacogenomics and Genomic Medicine, all from the Department of Medicine, were among the co-authors on “Antibodies to S. aureus LdK-PV Attenuated Subunit Vaccine Neutralize a Broad Spectrum of Canonical and Non-Canonical Bicomponent Leukotoxin Pains” in PLos One, 2015 Sep 14(10):e0137874.

> Prasanth 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 “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.

> Chaminde 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 Disorders” in Alcohol Research: Current Reviews, 2015;37(1):15-28.

> Mukta Srivastava, MD, Assistant Professor (lead author), and Vincent See Jr., MD, Assistant Professor, both from the Department of Medicine, along with Muratza Rowood, 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 Springgame, 2015 Sep 17:4-52.

> Marcelo Stein, MD, Professor of Pediatrics, Ravezdah Wahid, MBBS, PhD, Assistant Professor of Pediatrics, Stephanie Frenay, 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 Induces Cross-Neutralizing Antibody 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 Tenenbaum, 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 on “Refined Live Attenuated Salmonella Typhimurium Vaccines Mediate Homologous and Heterologous Special Activation of Canonical and Non-Canonical Bicomponent Leukotoxin Pains” in PLos One, 2015 Sep 14(10):e0137874.

> Anastasios Saliaris, MB, BCH, BAO, Assistant Professor, and Timm-Michael Dickfeld, MD, PhD, FACC, FHR, Associate Professor, both from the Department of Medicine, were among the co-authors on “Refined Live Attenuated Salmonella Typhimurium Vaccines Mediate Homologous and Heterologous Special Activation of Canonical and Non-Canonical Bicomponent Leukotoxin Pains” in PLos One, 2015 Sep 14(10):e0137874.
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.”

- Hujuan Xu, PhD, Physics Resident, Department of Radiation Oncology, was among the co-authors on “Covariance-Based Treatment Planning to Accommodate Delineation Uncertainties in Prostate Cancer Treatment” in Medical Physics, 2015 Sep;42(5):S435.

- 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 TRB: 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 MBI and High Resolution Localized (1H MRS)” in Neurovascular Disorders, 2015 Oct;25(10):764-72.

- Laura Verges-Armstrong, PhD, Assistant Professor, and Patrick McGedie, 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):1294-1305.

- Jinh Zhong, MD, Assistant Professor (lead author), and Sanjay Rajagopalan, MD, PhD, FACC, FAMA, the Melvin Shukov 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.

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

- Michael Chung, MD, Assistant Professor, Department of Radiation Oncology, received funding of up to $130,730 from Immunomucins, Inc., for “IMMUNOCHEMISTRY: 107-04: An International Multi-Center Double Blind Randomized Phase III Trial of NXY-Clavaminab Tetrazetan 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 Tennon, 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 Auginosa.”

- 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, $869,002 Investigator Initiated Grant from the Maryland Stem Cell Research Fund for “Using iPSCs to Identify Early Markers and Bio-Therapeutics for GBA1-Associated Neurodegeneration.”

- Steven Fisher, MD, Professor, Department of Medicine, received a $107,000 grant from the Department of Defense (DoD) for “Novel Models to Study Effect of High-Altitude Hypoxic Exposure and Fluctuation.”

- Gary Fiskum, PhD, the M. Jane Marthaksof 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 Hypoxia during Sepsis on Survival, Encephalopathy, and Energy Metabolism.”

- Jack Garainik, 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, Professor, Department of Epidemiology & Public Health, received a three-year, $1,188,128 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.
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) that you would like us to use in the Buzz to the appropriate person within your department, program, center or office.

Office of Student Research:
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Office of Student Affairs:
Jean Blake Hall

Research Communications Network

A hyperlink is available on the School of Medicine Website for you to see more information and updates. Please forward your feedback and suggestions to the Buzz Staff.

Attention all SOM Medical, Allied Health and Graduate Students!

Please send information (within the realm of the categories listed) that you would like us to use in the Buzz to the appropriate person within your department, program, center or office.

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The Buzz is a monthly publication that provides information and updates on research-related activities at the School of Medicine. It features news about the latest research developments, faculty and staff achievements, and opportunities for students and researchers.

1. Contributions to Research

- David Kertesz, PhD, Professor, Department of Biochemistry & Molecular Biology, was awarded a three-year, MSCRF Investigator-Investigator 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 Bmore for Healthy Babies Program.
- Kristen Lyke, MD, Associate Professor of Medicine, Institute for Global Health, received a four-month grant for $17,472.212 from Saman, Inc. and the Department of Defense for "Phase 2 Development of a PEPFAR 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 Deputy 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."

2. Grants & Contracts

- Zorijka Vujakovic, MD, PhD, Professor, Department of Radiology, received a four-year, $1,785,679 grant from the National Heart, Lung, and Blood Institute (NHLBI) for "Simultaneous Targeting of Androgen Receptor Signaling and M&K Activated pJHE Transition Inhibition for Suppressing Growth and Progression of Prostate Cancer."
- Vinod Ramamurthy, MD, Professor of Chemistry & Pharmacology, Department of Health and Policy of the Medical Chemistry Section, Center for Bioanalytical Therapeutics (CBT), who advises Dr. Ramamurthy in her research endeavors to become an independent Prostate Cancer Researcher and worked closely with him on the PCOR Postdoctoral Training Award application.
- Mark Rogers, PhD, PT, FAITH, Professor and Chair, Department of Physical Therapy & Rehabilitation Science, received a two-year, $422,125, R21 grant for "Protective Behavior and Startle Responses to Sudden Drop Perturbation in Aging."
- Henry Silverman, MD, MA, Professor, Department of Epidemiology & Public Health, received an eight-month, $75,800 supplement from the National Institutes of Health for "Middle East Research Ethics Training Initiative (MERETI)."
- 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 "Ventricular Surface Antigens in Cerebral Malaria Pathogenesis."
- 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 "Ventricular 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, $362,731 grant from Malaria Consortium, The Three Millennium Development Goal Fund, for "Malaria Indicator Survey in Myanmar," and a supplement from NIAID GCID (under a U1P1 belonging to Claire Fraser, PhD, Professor of Medicine and Director of the Institute for Genome Sciences) for $192,951 for "Host, Pathogens, and the Microbiome: Determinants of Infectious Disease."

3. Contracts

- Zorijka Vujakovic, MD, PhD, Professor, Department of Radiology, received a four-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."
- Vinod Ramamurthy, MD, Postdoctoral Fellow, was awarded a two-year, $122,494 Prostate Cancer Research Program (PCPR) 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 M&K Activated pJHE Transition Inhibition for Suppressing Growth and Progression of Prostate Cancer."
- 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 "Ventricular Surface Antigens in Cerebral Malaria Pathogenesis."
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4. Independent Prostate Cancer Researcher and worked closely with him on the PCOR Postdoctoral Training Award application.