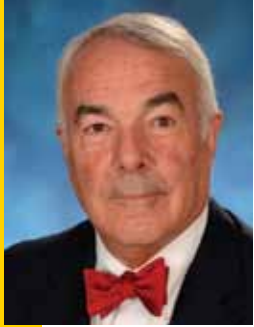




SELF-REPORTED NEWS from the SCHOOL OF MEDICINE COMMUNITY

Grants & Contracts

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



Alan Cross, MD

▶ **Alan Cross, MD**, Professor, Department of Medicine, was awarded a grant in the amount of \$1,178,647 from USA MED RESEARCH to study Broad Spectrum Host-Oriented Therapy for Wound Infection.

▶ **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology and Public Health, received a three-year, \$363,691 subaward agreement from the Centers for Disease Control and Prevention, for the project, "Creation of a Healthcare Associated Infectious Disease Modeling Network to Improve Prevention Research and Healthcare Delivery."

▶ **Kirsten Lyke, MD**, Associate Professor, Department of Medicine, was awarded a grant up to \$1,197,475 from the Geneva Foundation to evaluate the safety and reactogenicity of the Hantaan Virus (HTNV), Puumala Virus (PUUV), and combination HTNV/PUUV DNA vaccine candidates delivered to healthy adults either intramuscular electroporation (IM-EP) or intradermal electroporation (ID-EP).



Kirsten Lyke, MD

▶ **Kathleen Neuzil, MD, MPH**, Professor, Department of Medicine and Director of the Center for Vaccine Development and **Wilbur Chen, MD, MS**, Associate Professor, Department of Medicine and Chief of Adult



Kathleen Neuzil, MD, MPH

Clinical Studies, Center for Vaccine Development, were awarded \$4.68 million VTEU grant from the National Institutes of Health to test an H7N9 influenza vaccine. Separately, Dr. Neuzil was awarded two other grants: \$796,429 by the Bill & Melinda Gates Foundation as a supplement for the Typhoid Vaccine Acceleration Consortium and \$2,862,677 from the National Institute of Allergy and Infectious Diseases to conduct clinical trials and research on a pertussis vaccine.

▶ **Cindy Schaeffer, PhD**, Associate Professor, Department of Psychiatry, and **Sharon Hoover, PhD**, Associate Professor, Department of Psychiatry, received a four-year, \$2,977,876 award from the National Institute of Justice as part of their Comprehensive School Safety Initiative. The award, "Evaluating Promising School Staff and Resource-Officer Approaches for Reducing Harsh Discipline, Suspensions and Arrests," is a partnership between UMB and Cecil County Public Schools to study the impact of a comprehensive approach to improving school safety.



Cindy Schaeffer, PhD

▶ **Junfang Wu, BM, PhD**, Associate Professor, Department of Anesthesiology and Center for Shock, Trauma and Anesthesiology Research (STAR), along with **Alan Faden, MD**, the David S. Brown Professor in Trauma, Professor, Departments of Anesthesiology, Anatomy & Neurobiology, and Neurology, and Director, Center for Shock, Trauma & Anesthesiology Research (STAR ORC) and **Susan Dorsey, PhD**, Associate Professor, School of Nursing, received a five-year, \$2,818,594 R01 grant from the National Institute of Nursing Research (NINR) for "Spinal Mechanisms Underlying SCI-induced Pain: Implications for Targeted Therapy."

Publications

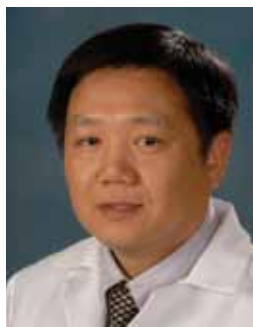
Hats off to those who have been published!



Rong Chen, PhD

▶ **Rong Chen, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of "Predictive Models of Minimal Hepatic Encephalopathy for Cirrhotic Patients Based on Large-scale Brain Intrinsic Connectivity Networks," in *Scientific Reports*, 2017 Sep 14;7(1):11512.

▶ **Wengen Chen, MD, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on "Joint SNMMI-ASNC Expert Consensus Document on the Role of 18F-Fdg Pet/Ct in Cardiac Sarcoid Detection and Therapy Monitoring" in *Journal of Nuclear Cardiology*, 2017 Aug 2, and "Joint SNMMI-ASNC Expert Consensus Document on the Role of 18F-FDG PET/CT in Cardiac Sarcoid Detection and Therapy Monitoring" in *Journal of Nuclear Medicine*, 2017 Aug;58(8):1341-1353.



Wengen Chen, MD, PhD

▶ **Randi Cohen, MD, MS**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on "NRG Oncology-Radiation Therapy Oncology Group Study 1014: 1-year Toxicity Report From a Phase 2 Study of Repeat Breast-Preserving Surgery and 3-Dimensional Conformal Partial-Breast Irradiation for In-Breast Recurrence" in *International Journal of Radiation Oncology Biology Physics*, 2017 Aug 1;98:1028-1035.

▶ **Antoine Dara, PhD**, a Postdoctoral Fellow in the Division of Malaria Research; **Mark Travassos, MD, MSc**, Assistant Professor, Department of Pediatrics; **Matthew Adams**, Research Laboratory Supervisor, the Institute for Global Health; **Sara Schaffer De Roo**; **Elliott Drabek, PhD**, Senior Bioinformatics Software Engineer; **Sonia Agrawal**; **Miriam Laufer, MD**, Associate Professor of Pediatrics, Medicine, and Epidemiology & Public Health, Director of the Division

of Malaria Research, and Associate Director of the Institute of Global Health; **Christopher Plowe, MD, MPH, FASTMH**, the Frank M. Calia, MD Professor of Medicine and Founding Director, Institute for Global Health; and **Joana Silva, PhD**, Assistant Professor, Department of Microbiology and Immunology, were among the authors on "A New Method for Sequencing the Hypervariable *Plasmodium Falciparum* Gene Var2csa From Clinical Samples" in *Malaria Journal*, 2017 Aug. 17.

▶ **Aletta Frazier, MD**, Clinical Professor, Department of Diagnostic Radiology and Nuclear Medicine, authored "Distinctive Features of Testicular Neoplasms: Seminoma Versus Mixed Germ Cell Tumor" in *Radiographics*, 2017 Jul-Aug;37(4):1084. Separately, Dr. Frazier authored "Renal Medullary Carcinoma Associated with Sickle Cell Trait" in *Radiographics*, 2017 Sep-Oct;37(5):1537.

▶ **Fabien Fuche, PhD**, Postdoctoral Fellow; **Ousmane Sow**, Research Technician; **Raphael Simon, PhD**, Assistant Professor, Department of Medicine; and **Sharon Tennant, PhD**, Associate Professor of Medicine, Institute for Global Health, were among the authors on "Salmonella Serogroup C: Current Status of Vaccines and Why They Are Needed" in *Clinical and Vaccine Immunology*, 2017 Sep.

▶ **Sarah Jackson, MPH**, PhD Candidate (first author); **Surbhi Leekha, MBBS, MPH**, Associate Professor; **Laurence Magder, PhD**, Professor; **Lisa Pineles, MA**, Program Director; **Kristen Stafford, PhD**, Assistant Professor; **Kerri Thom, MD**, Associate Professor; and **Anthony Harris, MD, MPH**, Professor (last author), all from the Department of Epidemiology and Public Health, were among the co-authors on "The Effect of Adding Comorbidities to Current Centers for Disease Control and Prevention Central-Line-Associated Bloodstream Infection Risk-Adjustment Methodology" in *Infection Control & Hospital Epidemiology*, 2017 Sep;38(9):1019-1024.

▶ **Edward Herskovits, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine was among the co-authors on

Publications *continued*



Edward Herskovits, MD

“Multicenter Research Studies in Radiology,” in *Academic Radiology*, 2017 Sep 15.

► **Jean Jeudy, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Location, Variations and Predictors of Epicardial Fat Mapping Using Multi-detector Computed Tomography to Assist Epicardial Ventricular Tachycardia Ablation” in *Pacing Clinical Electrophysiology*, 2017 Jul 19. Dr. Jeudy was also among the co-authors on “Validation of a Novel CARTOSEG™ Segmentation Module Software for Contrast-enhanced Computed Tomography-guided Radiofrequency Ablation in Patients with Atrial Fibrillation” in *Pacing Clinical Electrophysiology*, 2017 Sep 13.

► **Gaurav Jindal, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors on “Interhospital Transfer Prior to Thrombectomy is Associated with Delayed Treatment and Worse Outcome in the STRATIS Registry” in *Circulation*, 2017 Sep 24.

► Several faculty members had articles in the August 2017 issue of *Pediatric Clinics of North America*, which focused on global infections and child health. **Karen Kotloff, MD**, Professor, Department of Pediatrics and Head of the Division of Pediatric Infectious Diseases and Tropical Medicine, authored “The Burden and Etiology of Diarrheal Illness in Developing Countries.” **Lauren Cohee, MD**, Instructor, Department of Pediatrics, and **Miriam Laufer, MD**, Associate Professor of Pediatrics, Medicine, and Epidemiology & Public Health, Director of the Division of Malaria Research, and Associate Director of the Institute of Global Health co-authored “Malaria in Children.” **Elizabeth Rotrosen**, Clinical Research Assistant, Center for Vaccine Development, and **Kathleen Neuzil, MD, MPH**, Professor, Department of Medicine and Director of the Center for Vaccine Development, were co-authors on “Influenza: A Global Perspective.”

► **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor, and Associate Dean for Global Health, Institute for Global Health, **Kathleen Neuzil, MD, MPH**, Professor, Department of Medicine and Director of the Center for Vaccine Development, and **Karen Kotloff, MD**, Professor, Department of Pediatrics, and Head of the Division of Pediatric Infectious Diseases and Tropical Medicine, were among the co-authors on “The Typhoid Vaccine Acceleration Consortium (TyVAC): Vaccine Effectiveness Study Designs: Accelerating the Introduction of Typhoid



Gaurav Jindal, MD



Myron Levine, MD, DTPH

Conjugate Vaccines and Reducing the Global Burden of Enteric Fever” in *Vaccine* 2017 August 9. Additionally, Drs. Levine and Kotloff along with **Marcelo Sztein, MD**, Professor, Department of Pediatrics, were among the co-authors on “Identification of Immune Correlates of Protection in *Shigella* Infection by Application of Machine Learning” in the *Journal of Biomedical Informatics*, 2017 August 9. Separately, Dr. Levine was a co-author on “Typhoid Vaccine Development with a Human Challenge Model” in *The Lancet*, 2017 Sep 28.

► **Michael Lipsky, PhD**, Professor, Department of Pathology; **Sunil Sen**, Research Specialist, **Courtney Matson**, Graduate Research Assistant, and **Jasnehta Permala-Booth**, Laboratory Manager, all from the Center for Vaccine Development, Institute for Global Health; **Louis DeTolla, VMD, MS, PhD, DACLAM**, Professor, Department of Pathology; and **Sharon Tennant, PhD**, Associate Professor, Department of Medicine, were among the co-authors on “Virulence of Invasive *Salmonella Typhimurium* ST313 in Animal Models of Infection” in *PLOS Neglected Tropical Diseases*, 2017 August 4.

► **Robert Morales, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine was among the co-authors of “Intrabronchial Catheter Resuscitation for Respiratory and Cardiorespiratory Arrest” in *Shock*, 2017 Sep 14.



Amed Ouattara, PhD, PharmD

► **Amed Ouattara, PhD, PharmD**, Research Associate, Department of Medicine; **Matt Adams**, Laboratory Supervisor; **Mark Travassos, MD, MSc**, Assistant Professor, Department of Pediatrics; **Matt Laurens, MD, MPH**, Associate Professor, Department of Pediatrics; and **Christopher Plowe, MD, MPH, FASTMH**, the Frank M. Calia, MD Professor of Medicine and Founding Director, Institute for Global Health, were among the co-authors on “*Plasmodium vivax* Infections Over 3 Years in Duffy Blood Group Negative Malaria in Bandiagara, Mali” in the *American Journal of Tropical Medicine and Hygiene*, 2017 Jul 24.

► **Elizabeth Rotrosen**, Clinical Research Assistant, Center for Vaccine Development, and **Kathleen Neuzil, MD, MPH**, Professor, Department of Medicine, and Director of the Center for Vaccine Development, co-authored “Influenza Among Young Children in Bangladesh: Clinical Characteristics and Outcomes from a Randomized Clinical Trial” in *Clinical Infectious Diseases*, 2017 Oct 6.

► **Eliot Siegel, MD**, Professor, and **Michael Toland**, PACS Team Manager, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Use of Radiology Procedure Codes in Health Care: The Need for Standardization and Structure” in *Radiographics* 2017 Jul-Aug. Dr. Siegel was also a co-author on “RSNA Diagnosis Live: A Novel Web-based Audience Response Tool to Promote Evidence-based Learning” in *Radiographics*. 2017 Jul-Aug.



Eliot Siegel, MD

Research Communications Network

Many thanks to the following people who serve as your liaisons for the information you see in What's the Buzz? Please send information (within the realm of the categories listed here) that you would like to see in the Buzz to the appropriate person within your department, program, center or office.

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Attention all SOM Medical, Allied Health and Graduate Students!

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