

# 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, FWACS, FACS**, Professor of Epidemiology & Public Health, Institute for Human Virology, gave a presentation to the Presidential Commission for the Study of Bioethical Issues (Bioethics Commission), on the ethics of placebo-controlled trials in the context of public health emergencies, at the Hamilton Crowne Plaza Hotel in Washington, DC, on February 5–6. Dr. Adebamowo was also invited to give a presentation on “Implementing Cancer Control Strategies in Low and Middle Income Countries” at the 3rd Annual Symposium on Global Cancer Research in Boston, MA, on March 25, and was invited to be the Keynote Speaker at the annual Teaching Skills in International Research Ethics (TaSkR) Workshop at Indiana University from April 15–17, where his topic was “The Fire Next Time: Ethical and Practical Issues in Conducting Research During Acute Infectious Disease Epidemics.”

► **Rudy Castellani, MD**, Professor, Department of Pathology, was invited to speak on the topic of chronic traumatic encephalopathy at the 24th annual meeting of the American Medical Society for Sports Medicine in Hollywood, FL, from April 14–19.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, presented “Viability: To Operate or Not, Looking May Help” at the Breakthroughs and Controversies in Cardiovascular Imaging session, and “Nuclear Cardiology Applications in Clinical Practice: Myocardial Viability,” both at the American College of Cardiology Scientific Conference, held in San Diego, CA, March 15–16.

► **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, presented “Hip Fractures,

Delirium, and Dementia” at Dementia Care Grand Rounds at the Copper Ridge Institute in Eldersburg, MD, on March 4.

► **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor, Department of Emergency Medicine, collaborated with Deputy Chief Mark Fletcher from the Baltimore City Fire Department in leading an interactive presentation titled “Sidestepping the Road to Yellow Alert: A Proactive Approach to Reducing Ambulance Offload Delay” during EMS Today: The JEMS Conference and Exhibition, held in Baltimore in late February. At the same conference, attended by 4,500 prehospital personnel from across the country, medical students **Andrew Boulard, MS-III**, and **Megan Halliday, MS-II**, presented at the Prehospital Research Forum on the implementation of the Baltimore City Fire Department’s Medical Duty Officer Program. Dr. Lawner also presented “EMS Darwin Awards: Strategies for Survival and Evolution,” “Resuscitation Review 2014: Articles You’ve Got to Know,” and “How Low Do We Go to Stop the Flow? Prehospital Trauma Resuscitation” at the 22nd Annual Conference of the National Collegiate Emergency Medical Services Foundation, held in Baltimore in late February, as well. At the same conference, **D. Chimene Richa, MD**, Assistant Professor, Department of Ophthalmology & Visual Sciences, presented “Trauma and the Eye,” and **Jennifer Guyther, MD**, Instructor, Departments of Emergency Medicine and Pediatrics, presented “Sticks, Stones and Broken Bones: Pediatric Injuries.”

► **Frank Lewis, Jr. MD**, Class of 1965, executive Director of the American Board of Surgery, and Secretary-Treasurer and past Chair of the American Board of Surgery, presented “Supply Dependent Oxygen Consumption: Getting it All Backwards” at Shock Trauma Grand Rounds on February 19.



Ann Gruber-Baldini, PhD



Dr. Frank R. Lewis, Jr. with Shock Trauma Fellows (L to R) Anthony Iacono, Cherrisse Berry, Kyle Cunningham, Zachary Ginsberg, Maria Escano, Michael Anstadt and Ashley Menne

## EVENTS, LECTURES & WORKSHOPS *continued*

► **Richard Lichenstein, MD**, Professor, Department of Pediatrics, presented “Strategies to Increase GDL Enforcement, Compliance and the Passage of Stronger Laws—The Howard County, Maryland Parking Permit Program” at the annual Lifesavers National Conference on Highway Safety Priorities on March 16.

► **David Loane, PhD**, Assistant Professor, Department of Anesthesiology, presented a Plenary Lecture at the National Capital Area TBI Research Symposium 2015, held in The Natcher Conference Center at NIH in Bethesda, MD, on March 10. The topic of his talk was “Microglia in the TBI Brain: The Good, The Bad, and The Dysregulated.” In addition, a Postdoctoral Fellow working with Dr. Loane, **Alok Kumar, PhD**, won first prize in the Poster Competition at the symposium for his research on “NOX2 Regulation of Microglia Activation Following TBI.”

► **Andrew Malinow, MD**, Professor, Departments of Anesthesiology and Obstetrics, Gynecology & Reproductive Sciences, recently participated in the 1st International Symposium of PROMPT, held in Bath, UK. Practical Obstetric Multi-Professional Training (PROMPT) is the only obstetric emergency simulation program so far shown to decrease maternal and neonatal mortality/morbidity. Before an audience composed of physicians, midwives, nurses and psychologists from 19 countries, Dr. Malinow, a member of the North American group led by Carl Weiner MD, presented the seven-year maternal and neonatal outcome data.

► **David Rasko, PhD**, Associate Professor of Microbiology & Immunology, Institute for Genome Sciences, was an invited speaker on the topic of “Application of Genomics to the Study of Enteric Pathogenesis” at the University of Virginia on February 10.

► **Lynn Schriml, PhD**, Assistant Professor of Epidemiology & Public Health, Institute for Genome Sciences, was invited to participate in a meeting of the United Nations Environment Programme (UNEP) in late February in New York City. She discussed “Ontology Design for Integrated Measures For UNEP-led Monitoring of Sustainable Development Goal Indicators.”

► **Henry Silverman, MD, MA**, Professor, Department of Epidemiology & Public Health, gave a two-day workshop on research ethics in Yangon, Myanmar February 4–5. Dr. Silverman, in conjunction with **Myaing Nyunt, MD**,

**MPH, PhD**, Assistant Professor, Department of Medicine, organized the workshop, which involved more than 40 participants from various institutions in Myanmar. This workshop was made possible through a Fogarty International Center/NIH supplement grant to the parent MERETI grant. One of the aims of this workshop was to select 4–6 applicants to join the summer program in research ethics at the University of Maryland, Baltimore. This initial effort will be the start of a research ethics capacity program in this country.

► **Ronn Wade**, Director of Anatomical Services at the School of Medicine, introduced the Burns “Medical Mummies” at the opening of an exhibit of the School of Medicine’s Burns Museum Collection at the Cincinnati Science Center on March 7. He also presented “Replication of Egyptian Mummification: An On-Going Research Project,” which detailed his experience mummifying a human body using the exact tools and techniques of the ancient Egyptians.

## IN THE NEWS



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

► **Claire Fraser, PhD**, Professor of Medicine and Microbiology & Immunology, and Director, Institute for Genome Sciences, was quoted in the *San Jose Mercury News* on March 10 in an article about the Intel Science Talent Search. Dr. Fraser is one of the judges for the prestigious science competition.

► **Julie Hotopp, PhD**, Associate Professor of Microbiology & Immunology, Institute for Genome Sciences, was quoted in *The Scientist* on March 12 in an article about horizontal gene transfer.

► **Jacques Ravel, PhD**, Professor of Microbiology & Immunology, and Associate Director, Institute for Genome Sciences, was quoted in an online article about vaginal microbiomes on *MotherBoard* on March 3. *MotherBoard* is an online magazine and video channel dedicated to the intersection of technology, science and humans.

► **Thelma Wright, MD, Esq.**, Assistant Professor, Department of Anesthesiology, was interviewed on *The Marc Steiner Show* on February 26 about “The Complexity Around Pain Management for Patients.”



David Rasko, PhD



Thelma Wright, MD, Esq.



## PUBLICATIONS

*Hats off to those who have been published!*



Clement Adebamowo, BM, ChB, ScD, FWACS, FACS

► **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor of Epidemiology & Public Health, Institute for Human Virology, was a co-author on the Wellcome Trust/Center for Infectious Disease Research and Policy, University of Minnesota *Recommendations for Accelerating the Development of Ebola Vaccines: Report and Analysis*, published in February 2015, and available on the CIDRAP website at <http://www.cidrap.umn.edu/>

► **Sonia Agrawal**, Bioinformatics Software Engineer, Senior, and **Hervé Tettelin, PhD**, Associate Professor of Microbiology & Immunology, both from the Institute for Genome Sciences, were among the co-authors on “Composite Mobile Genetic Elements Disseminating Macrolide Resistance in *Streptococcus Pneumoniae*” in *Frontiers in Microbiology*, 2015

Feb 9;6:26. Dr. Tettelin and **Nikhil Kumar**, Laboratory Manager; **Elliott Drabek, PhD**, Bioinformatics Software Engineer; **Sean Daugherty**, Senior Bioinformatics Analyst; **Sandra Ott**, Research Specialist; **Naomi Sengamalay**, Program Manager; **Lisa Sadzewicz Deshong, PhD**, Administrative Director; **Luke Tallon**, Scientific Director; and **Claire Fraser, PhD**, Professor of Medicine, Microbiology & Immunology, all from the Institute for Genome Sciences, which Dr. Fraser directs, were among the co-authors on “Transcriptional Attenuation Controls Macrolide Inducible Efflux and Resistance in *Streptococcus Pneumoniae* and in Other Gram-Positive Bacteria Containing Mef/mel(msr(D)) Elements” in *PLoS One*, 2015 Feb 19;10(2):e0116254.

► **Jennifer Albrecht, PhD**, Assistant Professor; **Gordon Smith, MB, ChB, MPH**, Professor; **Mona Baumgarten, PhD**, Professor; and **Patricia Langenberg, PhD**, Professor, all from the Department of Epidemiology & Public Health; along with **Steven Gambert, MD**, Professor, Department of Medicine, were among the co-authors on “Stroke Incidence Following Traumatic Brain Injury in Older Adults” in *Journal of Head Trauma Rehabilitation*, 2015 Mar-Apr;30(2):E62-7.

► **Sania Amr, MD**, Professor, Department of Epidemiology & Public Health, was among the co-authors on “Substance Use By Egyptian Youth: Current Patterns and Potential Avenues for Prevention” in *Substance Use & Misuse* [serial



Sania Amr, MD

online], 2015 Jan 28. Dr. Amr; **Laurence Magder, PhD**, Professor; and **Diane-Marie St. George, PhD**, Assistant Professor, both also from the Department of Epidemiology & Public Health, and **Katherine Squibb, PhD**, Professor, Department of Medicine, were among the co-authors on “Pesticide, Gene Polymorphisms and Bladder Cancer among Egyptian Agricultural Workers” in *Archives of Environmental & Occupational Health*, 2015 Jan;70(1):19–26.

► **Mona Baumgarten, PhD**, Professor; **Gordon Smith, MB, ChB, MPH**, Professor; **Jennifer Albrecht, PhD**, Assistant Professor; and **Patricia Langenberg, PhD**, Professor, all from the Department of Epidemiology & Public Health; and **Steven Gambert, MD**, and **Stephen Gottlieb, MD**, both Professors in the Department of Medicine, were among the co-authors on “Warfarin Usage Among Elderly Atrial Fibrillation Patients with Traumatic Injury, an Analysis of United States Medicare Fee-for-Service Enrollees” in *The Journal of Clinical Pharmacology*, 2015 Jan;55(1):25-32.



Mona Baumgarten, PhD

► **D. Hunter Boggs, MD**, Resident, and **Mohan Suntharalingam, MD**, The Marlene & Stewart Greenebaum Professor of Radiation Oncology, both from the Department of Radiation Oncology, were the first and senior authors, respectively, on “Primary Gross Tumor Volume is an Important Prognostic Factor in Locally Advanced Esophageal Cancer Patients Treated With Trimodality Therapy” in *Journal of Gastrointestinal Cancer*, 2015 Mar 11. Co-authors included **Andrew Hanna, MS-IV**; **Whitney Burrows, MD**, Assistant Professor, Department of Surgery; and **M. Naomi Horiba, MD, MPH**, Assistant Professor, Department of Medicine. Dr. Suntharalingam was also among the co-authors on “Long-term Results of Radiation Therapy Oncology



Christina Boulton, MD

Group 9903: A Randomized Phase 3 Trial to Assess the Effect of Erythropoietin on Local-Regional Control in Anemic Patients Treated With Radiation Therapy for Squamous Cell Carcinoma of the Head and Neck” in *International Journal of Radiation Oncology, Biology, Physics*, 2015 Apr 1;91(5):907-915.

► **Christina Boulton, MD**, Assistant Professor, and **Andrew Pollak, MD**, The James Lawrence Kernan Professor and Chair, both from the Department of

## PUBLICATIONS *continued*

Orthopaedics, were co-authors on “Special Topic: Ipsilateral Femoral Neck and Shaft Fractures: Does Evidence Give Us the Answer?” in *Injury*, 2015 Mar;46(3):478-483.

► **Shifeng Chen, PhD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “LDA-SVM-based EGFR Mutation Model for NSCLC Brain Metastases: An Observational Study” in *Medicine (Baltimore)*, 2015 Feb;94(5):e375.



Michael Chuong, MD

► **Michael Chuong, MD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Long-Term Outcomes of Induction Chemotherapy and Neoadjuvant Stereotactic Body Radiotherapy for Borderline Resectable and Locally Advanced Pancreatic Adenocarcinoma” in *Acta Oncologica*, 2015 Mar 3:1-7 [Epub ahead of print].

► **Barry Daly, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Complications of Optical Colonoscopy: CT Findings” in *Radiology Clinics of North America*, 2014 Sep;52(5):1087-99.

► **Eduardo Davila, PhD**, Associate Professor, Department of Microbiology & Immunology, was among the co-authors on “Inhibition of IRAK1/4 Sensitizes T Cell Acute Lymphoblastic Leukemia to Chemotherapies” in the *Journal of Clinical Investigation*, 2015 Mar 2;125(3):1081-97. Dr. Davila also was invited to give a brief video interview with JCI that debuted with the article. The article was also selected to be highlighted in *Cancer Discovery*.



Derik Davis, MD

► **Derik Davis, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “*Botulinum* Toxin Is Detrimental to Repair of Chronic Rotator Cuff Tear in a Rabbit Model” in *Journal of Orthopaedic Research*, 2015 Jan 28 [Epub ahead of print].

► **Timm Dickfeld, MD, PhD**, Associate Professor, Department of Medicine, and **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, published a multi-author collaborative paper on the basis of data gleaned from their Investigator-Initiated Research Grant from GE Healthcare, on which they are co-principal inves-

tigators. “Three-Dimensional 123I-Meta-iodobenzylguanidine Cardiac Innervation Maps to Assess Substrate and Successful Ablation Sites for Ventricular Tachycardia—A Feasibility Study for a Novel Paradigm of Innervation Imaging” was published in *Journal of Circulation: Arrhythmia and Electrophysiology*, 2015 Feb 23 [Epub ahead of print].

► **Alexander Engelman, MD**, Resident, and **Minesh Mehta, MB, ChB**, Professor, both in the Department of Radiation Oncology, were among the co-authors on “Should We Irradiate a Brain Tumor in a Patient with Parkinsonism? A Case Report and Literature Review” in *Practical Radiation Oncology*, 2015 Feb 4 [Epub ahead of print].

► **Dheeraj Gandhi, MBBS**, Professor; **Timothy Miller, MD**, Assistant Professor; and **Gaurav Jindal, MD**, Assistant Professor, all from the Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Incidence of Contrast Material-Induced Nephropathy After Neuroendovascular Procedures” in *Radiology*, 2014 Dec;144(3):853-8. Drs. Gandhi, Miller and Jindal, along with **Jaroslav Krejza, MD, PhD**, Adjunct Professor, Department of Diagnostic Radiology & Nuclear Medicine, were among the co-authors on “Impact of Endovascular Technique on Fluoroscopy Usage: Stent-Assisted Coiling versus Flow Diversion for Paraclinoid Internal Carotid Artery Aneurysms” in *Neuroradiology Journal*, 2014 Dec 1;27(6):725-31.

► **Amal Isaiah, MD, PhD**, PGY-5, and **Kevin Pereira, MBBS, MS**, Professor, both from the Department of Otolaryngology–Head and Neck Surgery, were among the co-authors on “Outcomes After Adenotonsillectomy Using a Fixed Anesthesia Protocol in Children with Obstructive Sleep Apnea” in *International Journal of Pediatric Otorhinolaryngology*, January 2015 May;79(5):638-43. Dr. Pereira, **Timothy Ortlip, MD**, PGY-3, and **Brian Ambro, MD, MS**, Clinical Assistant Professor, all from the Department of Otolaryngology–Head and Neck Surgery, were co-authors on “Midline Approach to Pediatric Nasofrontal Dermoids” in *JAMA Otolaryngology–Head and Neck Surgery*, 2015 Feb;141(2):174-7. Dr. Pereira; **Katherine Perry, MD**, PGY-5; **Andrew Tkaczuk, MD**, PGY-2; and **John Caccamese, MD, DMD**, Associate Professor, all from the Department of Otolaryngology–Head and Neck Surgery, were among the co-authors on “Tumors of the Pediatric Maxillo-Facial Skeleton: A Twenty Year Clinical Study” in *JAMA Otolaryngology–Head and Neck Surgery*, 2015 Jan;141(1):40-4.

► **Patricia Langenberg, PhD**, Professor, Department of Epidemiology & Public Health; **Adem Can, PhD**, Postdoctoral Fellow, and **Teodor Postolache, MD**,



Dheeraj Gandhi, MBBS

## PUBLICATIONS *continued*

Professor, both from the Department of Psychiatry, were among the co-authors on “‘Latent’ Infection with *Toxoplasma gondii*: Association with Trait Aggression and Impulsivity in Healthy Adults” in *Journal of Psychiatric Research*, 2015 Jan;60:87-94.



Benjamin Lawner, DO, MS, EMT-P

► **Benjamin Lawner, DO, MS, EMT-P**, Assistant Professor; **Jon Mark Hirshon, MD, MPH, PhD**, Associate Professor; and **Debra Lee, MD**, Assistant Professor, all from the Department of Emergency Medicine, along with **Samuel Galvagno, MD**, Associate Professor, Department of Anesthesiology, were among the co-authors on “Comparison of Prediction Models for Use of Medical Resources at Urban Auto-Racing Events” in *Prehospital and Disaster Medicine*, 2014 Dec;29(6):608-13. Their study was based on data from the Grand Prix events held in Baltimore in 2011 and 2012. By applying standard prediction models used for response readiness planning, the investigators found that those widely accepted tools over-predict the medical resources that will be required by spectators and participants.



Wei Lu, PhD

► **Wei Lu, PhD**, Associate Professor; **Jiahui Wang, PhD**, Postdoctoral Fellow; and **Hao “Howard” Zhang, PhD**, Assistant Professor, all from the Department of Radiation Oncology, were among the co-authors on “Computerized PET/CT Image Analysis in the Evaluation of Tumor Response to Therapy” in *The British Journal of Radiology*, 2015 Apr;88(1048):20140625.

► **Michaela Mathews, MD**, Assistant Professor, and **Steven Bernstein, MD, PhD**, Professor, both from the Department of Ophthalmology & Visual Sciences, and **Patricia Langenberg, PhD**, Professor, Department of Epidemiology & Public Health, were among the co-authors on “Ciliary Neurotrophic Factor (CNTF)-Mediated Ganglion Cell Survival in a Rodent Model of Non-Arteritic Anterior Ischaemic Optic Neuropathy (NAION)” in *The British Journal of Ophthalmology*, 2015 Jan;99(1):133-7.

► **Minesh Mehta, MB, ChB**, Professor, Department of Radiation Oncology, was among the co-authors on “Variation Over Time and Interdependence

Between Disease Progression and Death Among Patients With Glioblastoma on RTOG 0525” in *Neuro-Oncology*, 2015 Feb 16 [Epub ahead of print]. He was also the first author on “Veliparib in Combination with Whole Brain Radiation Therapy in Patients with Brain Metastases: Results of a Phase 1 Study” in *Journal of Neuro-Oncology*, 2015 Apr;122(2):409-417, and was the senior author on “Phase 2 Study of Temozolomide-Based Chemoradiation Therapy for High-Risk Low-Grade Gliomas: Preliminary Results of Radiation Therapy Oncology Group 0424” in *International Journal of Radiation Oncology, Biology, Physics*, 2015 Mar;91(3):497-504.

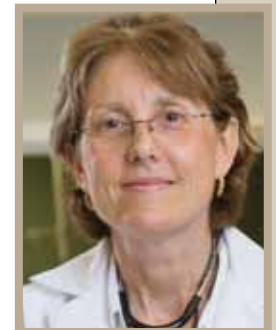
► **Nicholas Pietris, MD**, Assistant Professor, Department of Pediatrics, was among the co-authors on “The Innate Immune System Contributes to Tissue-Engineered Vascular Graft Performance” in *FASEB Journal*, 2015, Feb 20 [Epub ahead of print].

► **Laura Pimentel, MD**, Clinical Associate Professor, Department of Emergency Medicine, and Vice President and Chief Medical Officer, Maryland Emergency Medicine Network, was among the co-authors on “The Maryland Medicare Waiver and Emergency Care: Mixed Experiences Deserve Close Scrutiny” in *American Journal of Medical Quality*, 2015 Mar-Apr;30(2):186-7.

► **Charlene Quinn, RN, PhD**, Associate Professor; **Erik Barr, BA**, Data Analyst; and **Anne Gruber-Baldini, PhD**, Professor, all from the Department of Epidemiology & Public Health, were among the co-authors on “Older Adult Self-Efficacy Study of Mobile Phone Diabetes Management” in *Diabetes Technology & Therapeutics*, 2015 Feb 18;17:6.

► **Prashant Raghavan, MBBS**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine, was among the co-authors on “Accuracy of MRI for the Diagnosis of Metastatic Cervical Lymphadenopathy in Patients with Thyroid Cancer” in *La Radiologia Medica*, 2015 Mar 1 [Epub ahead of print], and “Noninvasive Evaluation of the Regional Variations of GABA Using Magnetic Resonance Spectroscopy at 3 Tesla” in *Magnetic Resonance Imaging*, 2015 Feb 20 [Epub ahead of print].

► **Jason Sahl** and **Carolyn Morris**, Postdoctoral Fellows in the Rasko Lab; **Jennifer Emberger**, MD Student in the Rasko Lab; **Claire Fraser, PhD**, Professor of Medicine, Microbiology & Immunology, and Director of the Institute for Genome Sciences, and **David Rasko, PhD**, Associate Professor of Microbiology



Laura Pimentel, MD

## PUBLICATIONS *continued*

& Immunology, all from the Institute for Genome Sciences, were among the co-authors on “Defining the Phylogenomics of *Shigella* Species: A Pathway to Diagnostics” in *Journal of Clinical Microbiology*, 2015 Mar;53(3):951-60. Dr. Rasko and **Tracy Hazen**, Research Associate, both from the Department of Microbiology & Immunology and the Institute for Genome Sciences, were among the co-authors on “Host-Specific Induction of *Escherichia coli* Fitness Genes During Human Urinary Tract Infection” in *Proceedings of the National Academy of Science, USA*, 2014 Dec 23;111(51):18327-32.



Henry Silverman, MD, MA

▶ **Henry Silverman, MD, MA**, Professor, Department of Epidemiology & Public Health, was a co-author on “Were There Additional Foreseeable Risks in the SUPPORT Study? Lessons Not Learned from the ARDSnet Clinical Trials” in the *Hastings Center Report*, 2015; 45(1):21-9.

▶ **Rodney Taylor, MD**, Associate Professor, Department of Otolaryngology–Head and Neck Surgery, was among the co-authors on “Ex Vivo Antibody-Dependent Cellular Cytotoxicity Inducibility Predicts Efficacy of Cetuximab” in

*Cancer Immunology Research*, 2015 Mar 13 [Epub ahead of print].

▶ **Robert Wachbroit, PhD**, Associate Professor, Department of Epidemiology & Public Health, authored “Rescue, Strangers, and Research Participants” in *The American Journal of Bioethics*, 2015 Feb 12;15(2):21-22.

▶ **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 “Prenatal Exposure of Guinea Pigs to the Organophosphorus Pesticide Chlorpyrifos Disrupts the Structural and Functional Integrity of the Brain” in *Neurotoxicology*, 2015 Feb 19 [Epub ahead of print].

▶ **Xiuwu Zhang, BM, DM**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Dopamine Receptor D2 and Associated microRNAs are Involved in Stress Susceptibility and Resistance to Escitalopram Treatment” in *The International Journal of Neuropsychopharmacology*, 2015 Mar 3.



Rodney Taylor, MD

## NEW FACULTY



*We welcome our new faculty!*

▶ **Nicholas Schluterman, PhD**, has been appointed as an Instructor in the Department of Epidemiology & Public Health, in the Division of Biostatistics & Bioinformatics. Dr. Schluterman graduated summa cum laude from the University of Arkansas, and received his MS in Epidemiology in 2011 and his PhD in Epidemiology in 2014, both from the University of Maryland School of Medicine. He has been a member of the research team of **J. Kathleen Tracy, PhD**, Associate Professor, since January 2010, and was hired as a research analyst in 2012. His particular area of expertise and interest is in mathematical modeling and statistical methods, and he has expertise in R programming language. He will co-teach PREV706 with Dr. Tracy.

## APPOINTMENTS



*We applaud our colleagues on their recent appointments!*

▶ **Clement Adebamowo, BM, ChB, ScD, FWACS, FACS**, Professor of Epidemiology & Public Health, Institute for Human Virology, has been appointed as a member of a joint World Health Organization/Special Programme for Research and Training in Tropical Diseases Committee that will develop a curriculum on “Ethics in Implementation Research” to train intermediate-level public health personnel, researchers, and policy makers on how to conduct implementation research ethically.

▶ **Thomas Scalea, MD, FACS**, the Honorable Francis X. Kelly Distinguished Professor of Trauma Surgery, Department of Surgery, and Director, Program in Trauma, was appointed President of the Western Trauma Association for 2015–2016 at the 45th Annual meeting in Telluride, CO.

▶ **Deborah Stein, MD, MPH**, Associate Professor, Department of Surgery and the Program in Trauma, was recently appointed as Director-at-Large, Board of Directors, and Chair of the Professional Development Division for the Eastern Association for the Surgery of Trauma for 2015–2016. Dr. Stein was also appointed to the Editorial Board of the *Journal of Trauma and Acute Care Surgery* and was appointed as the R Adams Cowley Shock Trauma Center’s Adult Trauma Standards Representative for the Maryland Institute for Emergency Medical Services Systems (MIEMSS).

## HONORS & AWARDS



*Congratulations to the following who have received honors!*

- ▶ **Julie Frank, MS, CGC**, Genetic Counselor, Department of Pediatrics, passed the National Genetic Counseling Board exam in February and is now a Certified Genetic Counselor (CGC).
- ▶ **Elena Grill, MS-I**, is the first medical student to be selected by the Foundation in Anesthesia Education and Research (FAER) to work with a faculty member at her own institution (FAER criteria normally require that applicants must travel to another medical school for their summer research). Ms. Grill will be mentored by **Maureen McCunn, MD, MIPP, FCCM**, Associate Professor, Department of Anesthesiology. Dr. McCunn is performing qualitative research using semi-structured interviews and a modified grounded theory technique in order to define the services, information, access to care, and support systems that trauma survivors want after hospital discharge, that are currently unavailable in our healthcare system.
- ▶ **Mimi Lu, MD, MS**, Clinical Assistant Professor, Department of Emergency Medicine, received this year's Young Educator Award from the American Academy of Emergency Medicine (AAEM). The award, recognizing outstanding educational contributions to the organization, was presented during AAEM's annual Scientific Assembly, held in Austin, TX, in early March.
- ▶ **Rachel Palmquist, MS, CGC**, Genetic Counselor, Department of Pediatrics, passed the National Genetic Counseling Board exam in February 2015 and is now a Certified Genetic Counselor (CGC).
- ▶ **Larry Weiss, MD, JD**, Clinical Professor, Department of Emergency Medicine, was named a Master of the American Academy of Emergency Medicine

(AAEM) during the organization's 2015 Scientific Assembly, held in Austin, TX, in early March. This prestigious honor, awarded only seven times during AAEM's 20-year history, recognizes extraordinary contributions to the association and to the specialty through service, published works, education, and leadership. Dr. Weiss is a charter member of AAEM, has served as its national president, and currently is a member of its Board of Directors.

- ▶ **Owen White, PhD**, Professor of Epidemiology & Public Health; Associate Director, Institute for Genome Sciences; and Co-Director, Center for Health-related Informatics and



Owen White, PhD

Bioimaging, received the Franklin Open Access Award on February 24. The Benjamin Franklin Award for Open Access in the Life Sciences is a humanitarian/bioethics award presented annually by this organization to an individual who has, in his or her practice, promoted free and open access to the materials and methods used in the life sciences.

## GRANTS & CONTRACTS



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

- ▶ **Sergei Atamas, MD, PhD**, Associate Professor, Department of Medicine, has been awarded a four-year, \$1,535,000 grant from the National Heart, Lung, and Blood Institute (NHLBI) to study "The Mechanisms of Profibrotic Sensitization by IL-33."



E. James Britt, MD

- ▶ **E. James Britt, MD**, Professor, Department of Medicine, has been awarded a three year, \$135,675 grant from FibroGen, Inc. for "A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of FG-3019 in Patients with Idiopathic Pulmonary Fibrosis."

- ▶ **Ronna Hertzano, MD, PhD**, Assistant Professor, Department of Otorhinolaryngology Head and Neck Surgery, and UMB affiliated faculty in the Department of Anatomy & Neurobiology and the Institute for Genome Sciences (IGS), have been awarded a five-year, \$2,369,373 award from the

National Institute on Deafness and other Communication Disorders to study "Cell Type-Specific Transcriptional Cascades in Inner Ear Development." The project includes development of a novel new web-based tool for visualization of gene expression, the gEAR, spearheaded by **Joshua Orvis** and **Anup Mahurkar**, who work on the Bioinformatics team at the IGS.

## GRANTS & CONTRACTS *continued*



Marta Lipinski, PhD

- ▶ **Marta Lipinski, PhD**, Assistant Professor, Departments of Anesthesiology and Anatomy & Neurobiology, has been awarded a five-year, \$1,678,905 R01 grant from the National Institute of Neurological Disorders and Stroke (NINDS) for “Function and Mechanisms of Autophagy-Lysosomal Pathway in Traumatic Brain Injury.”
- ▶ **Glenn Ostir, PhD**, Professor, Department of Epidemiology & Public Health, has entered into a one-year, \$5,000 research services agreement with Ammonett Pharma, LLC.
- ▶ **Dan Schulze, PhD**, Associate Professor, Department of Microbiology & Immunology, and Path Sensors, a company housed in the BioPark, have been awarded a \$100,000 grant from the Maryland Industrial Partnership to develop a “Universal Antibody-Based Biosensor System.”
- ▶ **Robert Sheneberger, MD**, Assistant Professor of Family & Community Medicine and Country Medical Director, Institute of Human Virology, has been awarded a five-year, \$50 million award from the Centers for Disease Control and Prevention (CDC) Office of Global Health for “Stop Mother and Child HIV Transmission (SMACHT) in the Republic of Zambia,” under the Presi-

dent’s Emergency Plan for AIDS Relief (PEPFAR). In utilizing this award, IHV’s project strategy will incorporate community workers into the process of identifying, testing, and monitoring pregnant women and their infants throughout pregnancy and breastfeeding with a goal of improving maternal-infant outcomes.

## COMMUNITY



## SERVICE

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

- ▶ Students from the **Graduate Program in Life Sciences (GPILS)** prepared and served breakfast for families staying at the nearby Ronald McDonald House on March 4. The GPILS Student Advisory Committee, which organized the breakfast, hopes to make it a monthly event.



# Research Communications Network

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

**Anatomy & Neurobiology:**  
Kristie Nichols

**Anesthesiology:** Pamela Earle-Jackson

**Biochemistry & Molecular Biology:**  
Qun Zhou

**Dermatology:** Betsy Satosky

**Diagnostic Radiology & Nuclear Medicine:** Brigitte Pocta

**Emergency Medicine:**  
Linda Kesselring

**Epidemiology & Preventive Medicine:** Yimei Wu

**Family & Community Medicine:**  
Karen Webster

**Medical & Research Technology:**  
Cynthia Stambach

**Medicine:** Molly Lutz

**Microbiology & Immunology:**  
Teri Robinson

**Neurology:** Penelope Birkhead

**Neurosurgery:** Mari Jo Pohlner

**Obstetrics, Gynecology & Reproductive Sciences:** Robin Kissinger

**Ophthalmology:** Chinneta Pettaway-Willis

**Orthopaedics:** Dori Kelly

**Otorhinolaryngology:** Bryan Ambro

**Pathology:** Rob Christenson

**Pediatrics:** Denise Hansen

**Pharmacology:** Stacey Lukasik

**Physical Therapy & Rehabilitation Science:** Monica Martinez

**Physiology:** Ken Fahnestock

**Psychiatry:** Vee Porter-Brown

**Radiation Oncology:** Jill Rosenberg

**Surgery:** Meghan Scalea

**Program in Comparative Medicine:**  
Deborah Sanchez

**Program in Genetics & Genomic Medicine:** Ruth Cosentino

**Program in Neuroscience:** Tom McHugh

**Program in Oncology:** Robert Mitchell

**Program in Trauma:** Jane Anderson

**Program in Health Disparities & Population Health:** TBD

**Center for Integrative Medicine:**  
Rebekah Owens

**Center for Research on Aging:**  
Kara Longo

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

**Center for Stem Cell Biology & Regenerative Medicine:**  
Fulscia Morrison

**Center for Vaccine Development:**  
Carey Martin

**Center for Vascular & Inflammatory Diseases:** Talia Bailey

**Institute for Genome Sciences:**  
Riham Keryakos

**Institute of Human Virology:**  
Nora Grannell

**MD/PhD Program:** Jane Bacon

**Office of Admissions:** Mickey Foxwell

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**Office of Faculty Affairs & Professional Development:**  
Robertha Simpson

**Office of Information Services:**  
Sharon Bowser

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**Office of Research Career Development:** Stacie Small Mendoza

**Office of Research & Graduate Studies:** Terry Rogers

**Office of Student Affairs:**  
Dawn Roberts

**Office of Student Research:**  
Jean Marie Roth

Attention all SOM Medical, Allied Health and Graduate Students!

### Buzz Information Link for Students

A hyperlink is available on the School of Medicine Website for you to submit information to the *Buzz* to acknowledge honors, prizes, presentations, leadership positions and other noteworthy accomplishments. Go to: [http://medschool.umaryland.edu/Public\\_Affairs/buzz.asp](http://medschool.umaryland.edu/Public_Affairs/buzz.asp)