



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!



Raymond Cross, MD, MS

► **Raymond Cross, MD, MS**, associate professor, Department of Medicine, presented "Extraintestinal Manifestations of IBD" at the Advances in Inflammatory Bowel Disease conference in Hollywood, FL.

► **Robert Edelman, MD**, clinical professor, Departments of Medicine and Pediatrics, presented an invited talk on "Current WHO Guidelines on Safety Assessment of Live Attenuated Dengue Vaccines" at the meeting of the Advisory Committee on Dengue and other Flavivirus Vaccines, held at the World Health Organization in Geneva, Switzerland.

► **Peter Gaskin, MBBS, FAAP, FACC**, assistant professor, Department of Pediatrics, presented a variable clinical presentation, "Left Ventricular Non-Compaction in Childhood" at the 17th World Congress on Heart Disease, Annual Scientific Sessions, in Vancouver Canada.

► **Julie Dunning Hotopp, PhD**, assistant professor, Department of Microbiology & Immunology and the Institute for Genome Sciences, presented "Lateral Gene Transfer from a *Wolbachia* Endosymbiont to *Drosophila ananassae*: A Tale of Extensive Duplication and Epigenomic Variation," at the 7th International *Wolbachia* Conference in Oleron Island, France in June. She also presented "Genomic Analysis of the Lateral Gene Transfer from a *Wolbachia* Endosymbiont to *Drosophila ananassae* Through DNA Re-sequencing and Its Implications

for Invertebrate Genomics" at the 6th Annual Arthropod Genomics Symposium in Kansas City, MO, in May.



Peter Gaskin, MBBS, FAAP, FACC

► **Benjamin Lawner, DO, EMT-P**, assistant professor, Department of Emergency Medicine, was an invited faculty member for ClinCon, a continuing education conference for pre-hospital and in-hospital emergency care personnel, which was held in Orlando in late July.

The titles of Dr. Lawner's presentations were "You Make the Call: Case Studies in EMS Medical Decision Making" and "Beyond STEMI: Deadly Diagnoses in 12-Lead ECG Interpretation."

► **Emmanuel Mongodin, PhD**, assistant professor, Department of Microbiology & Immunology and the Institute for Genome Sciences, presented "Oral Microbiota and Emerging Disease Associations" at the 11th Biennial Congress of The Anaerobe Society of the Americas (ASA), which was held in San Francisco, CA, June 27-July 1.

► **Vadim Morozov, MD**, assistant professor, Department of Obstetrics, Gynecology & Reproductive Sciences, presented "The Surgical Treatment Of Pelvic Pain" at the June 1 NICHD Program in Reproductive & Adult Endocrinology's Friday Research Conference.

► **Andrew Neuwald, PhD**, professor, Department of Biochemistry & Molecular Biology and the Institute for Genome Sciences, presented "Gleaning Clues to Protein Molecular Mechanisms Through Bayesian Analysis of Functional Divergence" at the Janelia Farm Research Campus of the Howard Hughes Medical Institute in Ashburn, VA in June 2012.

► **Christopher Plowe, MD, MPH**, professor, Department of Medicine, presented "Evolution of Drug-Resistant Malaria and the Search for Molecular Markers of Artemisinin Resistance" at the Department of Medical Research, Lower Myanmar, in the Myanmar Ministry of Health in Rangoon, Burma. Dr. Plowe's was the first high-visibility public lecture by an American scientist



Andrew Neuwald, PhD

EVENTS, LECTURES & WORKSHOPS *continued*

in Myanmar since the U.S. and Myanmar restored diplomatic relations in January 2012 after decades of isolation. He also presented “A Malaria Vaccine: How Close Are We?” at the New York Academy of Sciences’ Malaria Symposium: Drugs, Vaccines and Pathogenesis, in New York, NY, in April, and “A Genome-Wide Association Study of the Genetic Basis of Resistance to Artemisinin Treatment of Clinical *Falciparum* Malaria in Southeast Asia” at the April Translational Medicine Science Meeting at the Howard Hughes Medical Institute, Janelia Farm Research Campus, in Ashburn, VA.



Hervé Tettelin, PhD

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and the Institute for Genome Sciences presented “Improving Pan-Genome Annotation Using Whole Genome Multiple Alignment” at the Cambridge Healthtech Institute conference on “NGx: Next-Generation Sequencing Data Analysis” in Providence, RI, in August 2012. He was also the chairman of the session on “Assembly’s Role in Gene Annotation” at this conference. Tettelin and **Claire Fraser, PhD**, professor, Departments of Medicine and Microbiology & Immunology, and director of the Institute for Genome Sciences (IGS)—along with other staff from IGS—presented “Emergence of Multidrug Resistant and Vaccine Replacement Serotypes of *Streptococcus pneumoniae*: Comparative Genomic Analysis of 150 isolates” at the 8th International Symposium on Pneumococci and Pneumococcal Diseases in Iguazu Falls, Brazil, in March.

► The **University of Maryland Department of Orthopaedics** hosted two groups of orthopaedic surgeons from Asia and Latin America on July 9, as part of a fellowship program created by the American Orthopaedic Society for Sports Medicine (AOSSM). The surgeons, who are traveling to universities and hospitals across the country, also attended AOSSM’s annual meeting, which was held from July 12–15 at the Convention Center in Baltimore. **James Dreese, MD**, assistant professor, Department of Orthopaedics, arranged for the two groups to visit the University of Maryland Medical Center and several other hospitals in Baltimore. The traveling fellows are from Brazil, Ecuador, Argentina, China and Malaysia. They met with University of Maryland orthopaedic/sports medicine experts to discuss the latest treatment options and research related to sport-related injuries, focusing on knees, shoulders and elbows.

NEW FACULTY



We welcome our new faculty!

► **Courtney Brooke Foster, DO**, joined the Department of Pediatrics, as an assistant professor effective August 1, 2012. Dr. Foster was awarded a Bachelor of Science Degree with a major in Psychology from Bates College, Lewiston, ME. This was followed by a Doctor of Osteopathy Medicine from the Kentucky College of Osteopathic Medicine in Pikeville, KY. She joined the University of Maryland Medical System in 2005 for her Pediatrics residency, but then left for a fellowship in Pediatric Critical Care at Children’s National Medical Center in Washington, DC. Dr. Foster will serve as attending physician in the division of Pediatric Critical Care.



Courtney Brooke Foster, DO

► **William Hutson, MD**, has joined the Department of Medicine as a professor, director of Hepatology, and medical director for Liver Transplantation in the Division of Gastroenterology & Hepatology. Dr. Hutson received his medical degree from West Virginia University and completed residency training in Internal Medicine at the same institution. Dr. Hutson subsequently completed a fellowship in Gastroenterology & Hepatology at the University of Pittsburgh Medical Center. Upon completion of fellowship training, he joined the faculty at the University of Utah Health Sciences Center as an assistant professor of Medicine. Later, he returned to the University of Pittsburgh Medical Center and became a member of the faculty in the Divisions of Gastroenterology & Hepatology and Transplantation Medicine. He assumed the role of Medical Director of the Small Intestinal Transplantation program, and was a member of the internationally acclaimed Thomas E. Starzl Transplant Institute, recognized worldwide for its groundbreaking clinical and research accomplishments. Following his tenure in Pittsburgh, Dr. Hutson returned to the University of Utah Medical Center and the Huntsman Cancer Institute, where he established a new liver transplant program and assumed the roles of Director of Liver Transplantation and Director of Hepatology.



William Hutson, MD



PUBLICATIONS

Hats off to those who have been published!

► **Manickavasagom Alkondon, PhD**, and **Edna Pereira, PhD**, assistant professors, and **Edson Albuquerque, MD, PhD**, professor, all from the Department of Epidemiology & Public Health, were co-authors on “Regulation of GABAergic Inputs to CA1 Pyramidal Neurons by Nicotinic Receptors and Kynurenic Acid” in the May issue of *Journal of Pharmacological Experimental Therapeutics*, 2012 May;341(2):500-509.

► **Dawn Alley, PhD**, assistant professor, Department of Epidemiology & Public Health, was among the co-authors on “Changes in the Association Between Body Mass Index and Medicare Costs, 1997–2006” in *Archives of Internal Medicine*, 2012;172(3):277-278. She also published “Providing Science to Improve the Public’s Health: A Fellow’s View from the Office of the U.S. Surgeon General” in *PS: Political Science & Politics*, 2012;45(3):580-581. Alley and **Michelle Shardell, PhD**, assistant professor, were among the authors on “Housing Strain, Mortgage Foreclosure and Health” in *Nursing Outlook*, 2012 May;60(3):134-142.



Dayanand Bagdure, MD

► **Dayanand Bagdure, MD**, assistant professor, Department of Pediatrics, was among the co-authors on “Dexmedetomidine in a Child with Methylphenidate Intoxication” in the *Indian Journal of Pediatrics*, 2012 May 5 [Epub ahead of print].

► The Institute for Genome Sciences’ **Guoyun Bai, PhD**, former post-doctoral fellow; **Pawel Gajer, PhD**, research associate; **Melissa Nandy, BSN**, clinical research assistant; **Bing Ma, PhD**, post-doctoral fellow; **Hongqui Yang**, laboratory assistant; **Jacques Ravel, PhD**, professor, Department of Microbiology & Immunology; and **Rebecca Brotman, PhD**, assistant professor, Department of Epidemiology & Public Health, co-authored “Comparison of Storage Conditions for Human Vaginal Microbiome Studies in PLoS One, May 2012;7(5): e36934. Gajer; Bai; Brotman; Ravel; **Joyce Sakamoto, PhD**, former postdoctoral fellow; **Sara Koenig Eppinger**, laboratory supervisor; and **Li Fu**, research assistant, all from the Institute for Genome Sciences, co-authored “Temporal Dynamics of the Human Vaginal Microbiota” in *Science Translational Medicine*, May 2012;4(132):132ra52. Ravel also co-authored “Exploring a Road Map to Counter Misconceptions About the Cervicovaginal Microbiome and Disease” in *Reproductive Sciences*, May 2012 [Epub ahead of print].

► **Carissa Baker-Smith, MD, MS, MPH**, and **Sudhir Vahist, MD**, both assistant professors, Department of Pediatrics, co-authored “Cardiac Arrest and Sud-

den Cardiac Death in the Pediatric Population” in the *Journal of Clinical and Experimental Cardiology*, 2012 Jun 4;3:198. Vahist was also a co-author on “3:2 Antegrade Atrioventricular Block with AV Nodal Reentrant Tachycardia: What is the Mechanism and Where is the Block?” in *Pacing Clinical Electrophysiology Journal*, 2012 Jul;35(7):877-9, and on “Unusually High Association of Hypertrophic Cardiomyopathy and Complex Heart Defects in Children with Fasciculoventricular Pathways” in *Pacing Clinical Electrophysiology Journal*, 2012 Mar;35(3):308-13.

► **Raymond Cross, MD, MS**, associate professor, Department of Medicine, and **Patricia Langenberg, PhD**, professor, Department of Epidemiology & Public Health, were among the co-authors on “Randomized, Controlled Trial of Home Telemanagement in Patients with Ulcerative Colitis (UC HAT)” in *Inflammatory Bowel Disease*, 2012 Jun;18(6):1018-1025.

► **Hongbin Fang, PhD**, associate professor, and **Laurence Magder, PhD**, professor, both from the Department of Epidemiology & Public Health, were among the authors of “Urinary Vascular Cell Adhesion Molecule, but Not Neutrophil Gelatinase-Associated Lipocalin, Is Associated with Lupus Nephritis” in the *Journal of Rheumatology*, 2012 Jun;39(6):1231-1237.

► **Anthony Harris, MD, MPH**, professor, and **Jon Furuno, PhD**, adjunct assistant professor, both from the Department of Epidemiology & Public Health, were among the co-authors on “Healthcare-Associated Infection and Hospital Readmission” in *Infection Control Hospital Epidemiology*, 2012 Jun;33(6):539-544. Harris and **Kerri Thom, MD**, assistant professor, were among the authors on “Comparison of Swab and Sponge Methodologies for Identification of *Acinetobacter baumannii* From the Hospital Environment” in the *Journal of Clinical Microbiology*, 2012 Jun; 50(6):2140-2141. Harris, **David Rasko, PhD**, assistant professor, Department of Microbiology & Immunology, and **Jennifer Johnson, PhD**, associate professor, Department of Pathology, co-published “Genome Sequence of *Klebsiella oxytoca* 11492-1, a Nosocomial Isolate Possessing a FOX-5 AmpC β -lactamase” in *Journal of Bacteriology*, 2012 Jun;194(11):3028-3029.

► **Jacqueline Karp, MD**, resident physician; **Daniel Gelb, MD**, associate professor; and **Steven Ludwig, MD**, associate professor, all with the Department of Orthopaedics, were among the co-authors on “A Novel Radiographic Targeting Guide for Percutaneous Placement of Transfacet Screws in the Cervical Spine with Limited Fluoroscopy: A Cadaveric Feasibility Study,” in the *International Journal of Spine Surgery*, 2012 April 5 [Epub ahead of print].

PUBLICATIONS *continued*

► **Judy LaKind, PhD**, associate professor, Department of Epidemiology & Public Health, was a co-author on “Comparing United States and Canadian population exposures from National Biomonitoring Surveys: Bisphenol A Intake as a Case Study” in the *Journal of Exposure Science & Environmental Epidemiology*, 2012;May-Jun;22(3):219-226. She also co-published “Researching Chemicals in Human Milk Can Be Conducted Without Discouraging Breastfeeding” in the *Journal of Basic Medical Science*, 2012 May;12(2):137-138, and “Cancer Clusters in the USA: What Do the Last Twenty Years of State and Federal Investigations Tell Us?” in *Critical Reviews in Toxicology*, 2012 Jul;42(6):474-490.



Wendy Lane, MD, MPH

► **Wendy Lane, MD, MPH**, assistant professor, and **Laurence Magder, PhD**, professor, Department of Epidemiology & Public Health, and **Howard Dubowitz, MBChB**, professor, Department of Pediatrics, co-published “The SEEK Model of Pediatric Primary Care: Can Child Maltreatment Be Prevented in a Low-Risk Population?” in *Academic Pediatrics*, 2012 Jul;12(4):259-268.

► **Miriam Laufer, MD, MPH**, associate professor, Department of Pediatrics and Center for Vaccine Development, was a co-author on “Clinical Manifestations of New Versus Recrudescant Malaria Infections Following Anti-Malarial Drug Treatment” in *Malaria Journal*, 2012 Jun 18;11(207). Contributing authors included **Elizabeth Gilliams, MD/MS** student; **Leo Kenefic, PhD**, post-doctoral fellow; **Christopher Jacob, PhD** student; **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, and **Matthew Laurens, MD, MPH**, assistant professor, Department of Pediatrics. Dr. Plowe also co-published “Analysis of *Plasmodium Falciparum* Diversity in Natural Infections by Deep Sequencing” in *Nature*, 2012 Jul;487(7407):375-9, and “Next Generation Sequencing to Detect Variation in the *Plasmodium Falciparum* Circumsporozoite Protein” in the *American Journal of Tropical Medicine and Hygiene*, May 2012;86(5):775-81.



Miriam Laufer, MD, MPH

► **Benjamin Lawner, DO, EMT-P**, assistant professor, and **Jose Victor Nable, MD, EMT-P**, clinical instructor, both from the Department of Emergency Medicine, published “2010: The Emergency Medical Services Literature in Review” in the *American Journal of Emergency Medicine*, 2012, Jul;30(6):966-971.

► **Linda Lewin, MD**, associate professor, Department of Pediatrics, was a co-author on “What’s the Story? Expectations for Oral Case Presentations” in *Pediatrics*, 2012;130(1):1-4.

► **Richard Lichenstein, MD**, associate professor, Department of Pediatrics, and **Laurence Magder, PhD**, professor, Department of Epidemiology & Public Health, were among the co-authors on “The Relationship Between Influenza Outbreaks and Acute Ischemic Heart Disease in Maryland Residents Over a 7-Year Period” in the *Journal of Infectious Disease*, 2012, July 26 [Epub ahead of print].

► **Erik Lillehoj, PhD**, associate professor, and **Wei Guang, MD, PhD**, research associate, both from the Department of Pediatrics; **Antonino Passaniti, PhD**, associate professor, and **William Twaddell, MD**, assistant professor, both from the Department of Pathology; **Adam Puche, PhD**, associate professor, Department of Anatomy & Neurobiology; **Lai-Xi Wang, PhD**, professor, Institute of Human Virology; and **Sergei Atamas, MD, PhD**, associate professor, **Alan Cross, MD**, professor, and **Simeon Goldblum, MD**, professor, all from the Department of Medicine, co-authored “NEU1 Sialidase Expressed in Human Airway Epithelia Regulates Epidermal Growth Factor Receptor (EGFR) and MUC1 Signaling” in the *Journal of Biological Chemistry*, 2012 Mar;287(11): 8214-8231.

► **Philip Mackowiak, MD, MBA**, professor & Vice-Chair, Department of Medicine, published “Rediagnosis: Investigating the Ills of Long-Dead Celebrities” in *Science*; 2012 Jul;337(6090):30-31.

► **Haney Mallemat, MD**, assistant professor, Department of Emergency Medicine, published “Supportive Management of Critical Illness in the Pregnant Patient” in *EM Critical Care*, 2012 June [Epub ahead of print].

► **Theodore Manson, MD**, assistant professor; **Andrew Pollak, MD**, professor; and **Robert O’Toole, MD**, assistant professor, all from the Department of Orthopaedics, co-authored “Embolization of Pelvic Arterial Injury Is a Risk Factor for Deep Infection after Acetabular Fracture Surgery,” published in the *Journal of Orthopaedic Trauma*, 2012 April 9 [Epub ahead of print]. O’Toole was also a co-author on “Pre-drilling Does Not Improve the Biomechanical Performance of External Fixator Pins” in the *Journal of Orthopaedic Trauma*, 2012 April 9 [Epub ahead of print], and—with **Jacqueline Karp, MD**, resident physician—co-authored “Does Early Fixation of Posterior Wall Acetabular Fractures Lead to Increased Blood Loss?” in the *Journal of Orthopaedic Trauma*, 2012 April 9 [Epub ahead of print].



Richard Lichenstein, MD

PUBLICATIONS *continued*

► **Maya Matheny, BS**, doctoral candidate; **Michelle Shardell, PhD**, assistant professor; **William Hawkes, PhD**, assistant professor; **Jay Magaziner, PhD, MSHyg**, professor and chair; and **Denise Orwig, PhD**, associate professor, co-published “Inflammatory Cytokine Levels and Depressive Symptoms in Older Women in the Year After Hip Fracture: Findings From the Baltimore Hip Studies” in the *Journal of the American Geriatric Society*, 2011;59(12):2249-4455.



Mary Rodgers, PT, PhD,
FAPTA

► **Mary Rodgers, PT, PhD, FAPTA**, the George Hepburn Professor and chair, Department of Physical Therapy & Rehabilitation Sciences, published “Workshop on Personal Motion Technologies for Healthy Independent Living: Executive Summary” in the *Archives of Physical Medicine and Rehabilitation*, 2012, Jun;93(6).

► **Marcus Sciadini, MD**, associate professor, Department of Orthopaedics, co-authored, “Proximal Tibial Intra-articular Osteotomy for Treatment of Complex Schatzker Type IV Tibial Plateau Fractures with Lateral Joint Line Impaction: Description of Surgical Technique and Report of 12 Cases,” a peer-reviewed technical trick article published in the *Journal of Orthopaedic Trauma*, 2012 April [Epub ahead of print]. Dr. Sciadini and **Theodore Manson, MD**, assistant professor, Department of Orthopaedics, co-authored

“Trans-Syndesmotic Fibular Plating for Fractures of the Distal Tibia and Fibula with Medial Soft-Tissue Injury: Report of 6 Cases and Description of Surgical Technique,” a peer-reviewed technical trick article published in the *Journal of Orthopaedic Trauma*. 2012 May [Epub ahead of print].

► **William Stanley, PhD**, professor, Department of Medicine, Division of Cardiology, published an article with postdoctoral fellow **Tatiana Galvao, MD, PhD**, entitled “High Saturated Fat Intake Improves Survival in Heart Failure Compared to a High Polyunsaturated Fat or Low Fat Diet Despite Persistent Mitochondrial Defects” in *Cardiovascular Research*, 93:24-32, 2012.

► **Eileen Steinberger, MD**, assistant professor, Department of Epidemiology & Public Health, was a co-author on “Experience of a Public Health Colorectal Cancer Testing Program in Maryland” in *Public Health Reports*, 2012 May-Jun;127(3):330-339.

► **O. Colin Stine, PhD**, associate professor, Department of Epidemiology & Public Health, was among the co-authors on “Molecular Epidemiology of Geographi-

cally Dispersed *Vibrio Cholerae*, Kenya, January 2009-May 2010” in *Emerging Infectious Disease*, 2012 Jun;18(6):925-931.

► **Vicki Pepper, PhD**, associate professor, Department of Pediatrics, presented “The Next Generation: Perinatally Infected Adolescents and their Reproductive Health” at the 19th International AIDS Conference on July 25 in Washington, DC. She was part of the session “Youth and HIV: Risks and Interventions in the 21st Century,” which is posted on the Henry J Kaiser Family Foundation website (<http://www.kff.org/>) as part of their featured coverage of highlights of the conference.

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and the Institute for Genome Sciences, was a co-author on “CRISPR/cas Loci of Type II *Propionibacterium Acnes* Confer Immunity Against Acquisition of Mobile Elements Present in Type I P. *Acnes*” in *PLoS One*, 2012 March;7(3):e34171.

► **Min Zhan, PhD**, assistant professor, Department of Epidemiology & Public Health and **Jeffrey Fink, MD, MS**, professor, Department of Medicine, were among the authors on “A Varying Patient Safety Profile Between Black and Non-Black Adults with Decreased Estimated GFR” in the *American Journal of Kidney Disease*, 2012 Jul;60(1):47-53.

NEW STAFF



We welcome new staff!

► **Pamela Lambert** joined the University of Maryland School of Medicine’s Office of Development on August 1 as Director of Development for the Department of Medicine. Ms. Lambert comes to this role with extensive experience in higher education development, most recently holding the position of Director of Development at Wilson College in Chambersburg, PA, and previously serving as Director of Development, Centers and Institutes, at Penn State University College of Medicine in Hershey, PA. She is a graduate of Lebanon Valley College in Annville, PA.



Pamela Lambert

APPOINTMENTS



We applaud our colleagues on their recent appointments!

- **Raymond Cross, MD, MS**, associate professor, Department of Medicine, was appointed to a three-year term as chair of the Patient Education Committee for the Crohn's and Colitis Foundation of America. The committee's task is to enhance patient education and support for children and adults with Crohn's disease and ulcerative colitis. He also has been named a Fellow of the American Gastroenterological Association (AGA), the nation's oldest medical society dedicated to disorders of the gastrointestinal tract. Through the fellowship program, the AGA honors superior professional achievement in clinical, private or academic practice and in basic or clinical research. Fellowships are awarded to AGA members whose accomplishments and contributions demonstrate personal commitment to the field of gastroenterology.
- **Michael Donnenberg, MD**, professor, Department of Medicine, was elected to a two-year term as Division Counselor at Large of the American Society for Microbiology. The council is the legal governing body of the society, equivalent to a board of directors.
- **Peter Gaskin, MBBS, FAAP, FACC**, assistant professor, Department of Pediatrics, was appointed as a vice chair for the Institutional Review Board (IRB) in September.
- **Anthony Gaspari, MD**, chair, Department of Dermatology, and the Albert Shapiro, MD, Endowed Professor of Dermatology, has been appointed to serve as the medical advisor to the Baltimore chapter of the National Eczema Association (NEA) support group. Dr. Gaspari specializes in allergic and autoimmune skin diseases, and is involved in research that investigates the causes of eczema. He will be a local resource for support group members who have questions or concerns. The National Eczema Association is a national, patient-oriented, tax-exempt organization governed by a board of directors and guided by a Scientific Advisory Committee. The NEA's mission is to improve the health and quality of life for individuals with eczema through research, support and education.
- **Jon Mark Hirshon, MD, MPH, PhD, FACEP**, associate professor, Department of Emergency Medicine, was recently appointed to serve as the Senior Vice-Chairman of the University of Maryland Baltimore's Institutional Review Board (IRB). In this role, Dr. Hirshon will work closely with the leadership and staff of IRB and the Human Research Protections Office to supervise compliance of clinical investigators with federal regulations, to provide education to the University of Maryland Baltimore research community, and to assist researchers in need of guidance regarding the IRB process.

- **David Klassen, MD**, professor, Department of Medicine, has been appointed to a two-year term on the Board of Directors of UNOS, the United Network for Organ Sharing. UNOS is the Federal Government contractor that sets policy for and oversees the distribution of solid organs for transplantation in the United States. UNOS also monitors transplant program performance and patient outcomes for all transplant programs in the United States. Dr. Klassen is also the UNOS Regional Councilor for Delaware, the District of Columbia, Maryland, Pennsylvania, New Jersey, Northern Virginia, and West Virginia.



David Klassen, MD

- **Linda Kyle Walker, MD**, assistant professor, Department of Pediatrics, was appointed to the UMMS Claims and Risk Management Committee (CRMC) for 2012–2013.

IN THE NEWS



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

- **Michael Abraham, MD, MS**, clinical assistant professor, Department of Emergency Medicine, recorded a session for the monthly podcast *EMCast* that was picked up by the Italian website *Medicinadurgenza.com*. The American podcast is hosted by **Amal Mattu, MD**, professor, Department of Emergency Medicine, and distributed monthly through *EMedHome.com*. Its listenership extends into 28 countries. The Italian website has 2,500 subscribers. Dr. Abraham's topic was the American Heart Association's revised guidelines for cardiopulmonary resuscitation and emergency cardiovascular care.
- **Peter Gaskin, MBBS, FAAP, FACC**, assistant professor, Department of Pediatrics, was featured in the wide coverage of the Breanna Sudano incident in April, including mentions in the *Baltimore Sun*, CBS News, ABC News, and FOX45. Sudano was a lacrosse player who survived a cardiac arrest during a game and was treated by Dr. Gaskin, among others, at the University of Maryland Medical Center.
- **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, was featured in *New Scientist* on July 31, being interviewed about malaria vaccines. He had been interviewed on the same topic for the July 18 issue of *Ars Technica*.

GRANTS &

CONTRACTS



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

► **Robert Bloch, PhD**, professor, Department of Physiology, received a one-year subcontract renewal for \$43,890 from the Boston Biomedical Research Institute for contract work entitled “Developing and Testing Mouse Models of FSHD.”



Deepak Deshpande, PhD

► **Deepak Deshpande, PhD**, assistant professor, Department of Medicine, received a five-year, \$1.6 million, new R01, effective August 1, for “Molecular Basis of Age-Dependent Changes in Airway Smooth Muscle Functions.”

► **Michael Donnenberg, MD**, professor, Department of Medicine, received a two-year, \$100,000 R03 award from the National Institute of Allergy and Infectious Diseases for his work entitled “Vaccine Potential of Type IV Pilin from *Clostridium difficile*.”

► **Shannon Mei Tennant, PhD**, instructor, Department of Medicine, received a two-year, \$413,000 R21 from the National Institute of Allergy and Infectious Disease for her work “Rapid and Sensitive Detection of Salmonella from Blood, Food and Feces.”

► **Susan Mendley, MD**, associate professor, Departments of Pediatrics and Medicine, was selected as a participating investigator in the two-year, \$315,000, NICHD-funded project “Pediatric Trials Network-Pharmacokinetics of Understudied Drugs Administered to Children per Standard of Care” in conjunction with the Duke Clinical Research Institute.

► **Michael Miller, MD**, and **Andrew Goldberg, MD**, both professors in the Department of Medicine, received a two-year, \$341,000 R21 from the National Heart, Lung and Blood Institute of the NIH for a project entitled “Metabolic Actions of Omega-3 Fatty Acids on Inflammation.”

► **Robert O'Toole, MD**, assistant professor, Department of Orthopaedics, is the principal investigator for the clinical trial “Supplemental Perioperative Oxygen to Reduce Surgical Site Infection after High-Energy Fracture Surgery,” which has been awarded a three-year, \$2,500,000 grant from the United States Army Department of Defense Office of the Congressionally Directed Medical Research Programs.

► **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, received a one-year, \$50,000 administrative supplement from the National Institute of Health's Fogarty International Center for

“Malaria Research Training for Surveillance of Artemisinin Resistance in Myanmar.” This is the first-ever NIH award for research or training in the country of Myanmar.

► **Charlene Quinn, PhD**, associate professor, Department of Epidemiology & Public Health, was awarded a two-year, \$100,000, award from NIDDK (via Johns Hopkins University) for “mHealth Activity Behavior Intervention for Older Adults with Diabetes.” She also was awarded a six-month, \$73,000 grant from the Robert Wood Johnson Foundation for “mHealth: Developing a Value Proposition.”



Charlene Quinn, PhD

► **Jean-Pierre Raufman, MD**, professor, Department of Microbiology & Immunology, along with **James Polli, PhD**, professor, Department of Pharmaceutical Sciences in the School of Pharmacy, received a new, two-year R21 worth \$410,000 for their project “Creating a Toolkit to Measure In Vivo Bile Acid Transport.”

► **Marcus Sciadini, MD**, associate professor, Department of Orthopaedics, is a co-principal investigator on the clinical trial “Instructive Biological Scaffold for Functional Tissue Regeneration After Trauma to the Extremities,” which was awarded a three-year, \$1,500,000 grant from the United States Army Department of Defense Office of the Congressionally Directed Medical Research Programs.

► **Joseph Stains, PhD**, assistant professor, Department of Orthopaedics, has received a two-year, \$200,000 grant from the Maryland Stem Cell Research Fund.

► **Eileen Steinberger, MD**, assistant professor, of the Department of Epidemiology and Public Health, was awarded a \$1.2 million, five-year renewal from the Department of Health and Mental Hygiene for “Maryland Cancer Database Systems.” She also was awarded a \$1.1 million, five-year renewal from the Department of Health and Mental Hygiene for “Cancer Surveillance and Evaluation in Maryland.”



Nanette Steinle, MD

► **Nanette Steinle, MD**, assistant professor, Department of Medicine, received a \$425,000, five-year T35 from the National Institutes of Health for the “Summer Program in Obesity, Diabetes and Nutrition Training (SPORT),” which began in July 2012.

HONORS

& AWARDS



Congratulations to the following who have received honors!



Carissa Baker-Smith, MD, MS, MPH

► **Carissa Baker-Smith, MD, MS, MPH**, assistant professor, Department of Pediatrics, was selected to be a member of the national writing committee for the American Academy of Pediatrics' "Policy Statement on the Use of Non-Nutritive Sweeteners in Children."

► **Frank Calia, MD, MACP**, professor emeritus, Departments of Medicine and Physiology, was awarded the Tufts Medical Alumni Association Dean's Award during the 50-Year Reunion at the Tufts University School of Medicine, held May 11–13. He was also selected as the Honorary University Marshall at the UMB Commencement at the First Mariner Arena on May 18.

► **Jason Custer, MD**, assistant professor, Department of Pediatrics, was awarded the Alexander Shaffer Department of Pediatrics Faculty Teaching Award for 2011–2012.

► **Alisa Gibson, MD, DMD**, clinical instructor, Department of Emergency Medicine, was named the first-place winner in the Best Instructional Reporting category by the Specialized Information Publishers Association in May. Her award-winning article, "Facial Trauma: Challenges, Controversies, and Therapeutic Options,"

had first been published in the March–April 2011 issue of *Trauma Reports*. Dr. Gibson's co-author and co-honoree was **Kimberly Boswell, MD**, who completed the emergency medicine residency program at the University of Maryland Medical Center in June 2011.

► **Mangla Gulati, MD, FACP, FHM**, assistant professor, Department of Medicine, was awarded a Fellowship in Hospital Medicine (FHM) from the National Society of Hospital Medicine (SHM). The SHM Fellowship Program is rooted in the Society's Core Competencies in Hospital Medicine, and those who earn the FHM designation have demonstrated a commitment to hospital medicine, system change, and quality improvement principles.

► **Geoffrey Rosenthal, MD**, professor, Department of Pediatrics, was awarded the 2012 Pediatric Advisory Committee Award by the Office of Pediatric Therapeutics, Office of the Commissioner, U.S. Food and Drug Administration. The award was given in appreciation for his chairmanship, scientific contributions, and his dedication to the pediatric advisory committee from July 1, 2007–June 30, 2012.



Mangla Gulati, MD, FACP, FHM

Buzz Contacts

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 above) that you would like to see in the *Buzz* to the appropriate person within your department, program, center or office.

Anatomy & Neurobiology:
Leslie Fitzpatrick

Anesthesiology: Betsy Burcham

Biochemistry & Molecular Biology:
Qun Zhou

Dermatology: Betsy Satosky

Diagnostic Radiology & Nuclear Medicine: Nan Knight

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: Terry Roberts

Obstetrics, Gynecology & Reproductive Sciences: Robin Kissinger

Ophthalmology: Chinneta Pettaway-Willis

Orthopaedics: Dori Kelly

Otorhinolaryngology: Bryan Ambro

Pathology: Carmen White

Pediatrics: Connie Ward

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Physical Therapy & Rehabilitation Science: Caelie Haines

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: Rose Cosentino

Program in Minority Health & Health Disparities: Maurice Walker

Program in Neuroscience: Tom McHugh

Program in Oncology: Stephen Long

Program in Trauma: Cynthia Rivers

Center for Health Policy & Health Services Research: Maurice Walker

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Harry Bosk

Center for Mucosal Biology Research (MBRC): Pam King

Center for Research on Aging:
Kara Longo

Center for Shock, Trauma and Anesthesiology Research (STAR-ORC):
Jane Anderson

Center for Stem Cell Biology & Regenerative Medicine:
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Center for Vaccine Development:
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Center for Vascular & Inflammatory Diseases: Talia Bailey

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Institute for Genome Sciences:
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Institute of Human Virology:
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Office of Admissions: Mickey Foxwell

Office of Development: Emily Cooke

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Attention all SOM Medical, Allied Health and Graduate Students!

Buzz Information Link for Students

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