

# what's the buzz?

## Self-Reported News from the School of Medicine Community

### GRANTS &

### CONTRACTS



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

► **Hegang Chen, PhD**, associate professor, Department of Epidemiology & Public Health, received a one-year \$10,040 grant sponsored by the University of Nebraska and awarded by the National Institutes of Health for his work entitled "Prevention of Neonatal Infection in the Indian Community Setting Using Probiotics."

► **Patricia Dischinger, PhD**, professor, Department of Epidemiology & Public Health, received a six-month \$84,530 grant from the National Highway Traffic Safety Administration for her work entitled "Crash Outcomes Data Evaluation System (CODES) Data Network."

► **Robert Gallo, MD**, director, Institute of Human Virology, and professor, Department of Medicine, received a six-year \$16,804,024 award from the Bill and Melinda Gates Foundation for his work entitled "Phase I Clinical Trial of a Novel HIV Protein Construct that Presents CD4 Induced Epitopes." This research will allow for clinical testing of FLSC, or full length single chain, evaluating immune response and safety in humans, and optimization of the prime-boost vaccination strategy. The research is specifically designed to determine if the immune responses elicited by the vaccine candidate are sufficiently powerful and long-lasting in humans. The research will also assess prime-boost combinations of the HIV vaccine developed by Sanofi Pasteur (ALVAC), which recently demonstrated modest protection in an efficacy trial conducted by the Military HIV Research Program (MHRP) in Thailand, coupled with the FLSC developed by the institute. Both vac-

cine candidates involve use of a modified form of the outer protein envelope, allowing each to potentially complement the use of the other. Additionally, Dr. Gallo received a one year \$2,200,001 award from the US Army Medical Research & Materiel Command for his work entitled "Safety and Immunogenicity of FLSC." The MHRP, in collaboration with the Institute of Human Virology and Profectus Biosciences, plan to conduct a Phase 1-2 clinical trial in Thailand. The main goal of this project (Phase 1) will evaluate the safety and immunogenicity of the FLSC subunit prior to evaluating combinations with either an ALVAC-HIV (V cp1521) Prime, or a new ALVAC construct expressing FLSC. Dr. Gallo also received a \$60,000 award from the NIH's Office of the Director, Office of AIDS Research to support the first Global Virology Network Director's Annual Meeting, which was held at the Italian Embassy in Washington, DC, in March 2011.

► **Alfredo Garzino-Demo, PhD**, associate professor, Institute of Human Virology and Department of Microbiology & Immunology, received a seven-month \$15,000 Viral Oncology Program Pilot award from the University of Maryland Marlene and Stuart Greenebaum Cancer Center for his work entitled "Impact of Antiretroviral Agents on Defensin Production and Innate Immunity against Oncogenic Papillomaviruses." The main goal of this project will address the question of why treatment of HIV infection, which improves most illnesses associated with AIDS, does not improve the outcome of HPV infection and, in the case of oral HPV, seems to actually increase the incidence of HPV-associated lesions. Dr. Garzino-Demo and his colleagues will investigate whether select anti-retroviral drugs lower the production of defensins, innate immunity peptides that have anti-viral and anti-cancer activities.



Patricia Dischinger, PhD



Robert Gallo, MD



Alfredo Garzino-Demo, PhD

## GRANTS & CONTRACTS *continued*

► **Tapas K. Makar, PhD**, assistant professor, and **Walter Royal, MD**, associate professor, both from the Department of Neurology, and **Joseph L. Bryant, DVM, MS**, associate professor, Department of Pathology, received a two-year \$275,000 NIH R21 grant for their work entitled “BDNF Gene Delivery Via Bone Marrow Stem Cell in Transgenic Rats (AIDS model).”

► **Mark W. Rogers, PT, PhD, FAPTA**, professor and vice chair for research, Department of Physical Therapy & Rehabilitation Science, received a two-year \$28,467 Small Business Innovation Research Award from Aretch, LLC for his work entitled “ZeroG: Dynamic Over-Ground Body-Weight Support System.” Additionally, Dr. Rogers received a five-year \$2,000,260 grant from the National Institute on Aging for his work entitled “Intervention to Enhance Lateral Balance Function and Prevent Falls in Aging.”



Mary-Claire Roghmann, MD, MS

► **Mary-Claire Roghmann, MD, MS**, professor, Department of Epidemiology & Public Health, received a four-year \$1,468,778 grant from the National Institute of Allergy and Infectious Diseases for her work entitled “Human Microbiome and Healthcare Associated Infections.”

► **Fabio Romerio, PhD**, assistant professor, Institute of Human Virology and Department of Medicine, received an 18-month \$100,000

Grand Challenges Explorations award from the Bill and Melinda Gates Foundation for his work entitled “Cell Surface Biomarkers of Latently Infected CD4+ T Cells.” The main goal of this project is to generate latently infected cells in the lab, and to profile the entire complexity of their cell surface-



Tapas K. Makar, PhD



Fabio Romerio, PhD

associated proteins (membrane proteome). By comparing the profiles obtained with uninfected cells, Dr. Romerio expects to identify proteins uniquely and differentially expressed on the surface of latently infected cells. These results will be validated using clinical samples obtained from HIV patients.

► **Kevin N. Sheth, MD**, assistant professor, Department of Neurology, was awarded a two-year \$100,000 American Heart Association Clinical Research Grant for his work entitled “Prognosis in Intracerebral Hemorrhage.” Dr. Sheth was the PI and **Steven Kittner, MD**, professor, Department of Neurology, was his mentor.

► **Gordon Smith, MB, ChB, MPH**, professor, Department of Epidemiology & Public Health, received a three-year \$133,936 grant sponsored by Drexel University and awarded by the Department of Health & Human Services for his work entitled “Assistance to Firefighters Grant Program, Fire Prevention and Safety Grants.”

► **Eileen Steinberger, MD**, assistant professor, Department of Epidemiology & Public Health, received a 1.5-year \$371,000 grant from the Maryland Department of Health and Mental Hygiene for her work entitled “Cancer Surveillance and Evaluation in Maryland.”

► **Jin Zhang MD, PhD**, assistant professor, Department of Physiology, received a five-year \$1,914,756 grant from the National Heart, Lung and Blood Institute to support her research proposal entitled “Na<sup>+</sup>/Ca<sup>2+</sup> Exchanger Type-1 in Arterial Contraction and Salt-induced Hypertension.”

► **Davide Zella, PhD**, assistant professor, Institute of Human Virology and Department of Biochemistry & Molecular Biology, received a seven-month \$22,500 Viral Oncology Program Pilot award from the University of Maryland Marlene and Stuart Greenebaum Cancer Center for “Genomics Analysis of Mycoplasma Strains Associated with Human B cell Lymphoma.” The main goal of this project will provide insights into the role of *M. fermentans* as a chronic infectious agent that can cause major changes leading to the development of lymphomas.



Kevin N. Sheth, MD



Jin Zhang MD, PhD

## EVENTS, LECTURES

## & WORKSHOPS



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



Maureen Black, PhD

► **Maureen Black, PhD**, John A. Scholl, MD, and Mary Louise Scholl, MD, Professor of Pediatrics, was an invited consultant by the United Kingdom Medical Research Council to evaluate the Tropical Medicine Research Institute at the University of the West Indies in Kingston, Jamaica, in November 2010. Also in November, Dr. Black was invited to be grand rounds speaker at the Department of Nutritional Sciences at the University of Texas at Austin, where she presented “Iron Deficiency among Infants and Mothers,” was invited to the national meeting of the Institute of Medicine in Washington, DC, presenting “Food Insecurity and Obesity among Children: A Paradox?” and was an invited speaker at the Nestle Nutrition International Conference, “Iron Deficiency and Iron Deficiency Anemia in Early Infancy: Etiology, Consequences, Prevalence and Prevention” in Mexico City, Mexico, speaking on “ID and IDA in the First Two Years of Life: Strategies to Prevent the Loss of Developmental Potential” Nestle Nutrition Conference. In addition, Dr. Black presented “Challenge: Obesity Prevention in Schools” during a LEAH (Leadership Education in Adolescent Health) Program regional meeting sponsored by the Johns Hopkins Bloomberg School of Public Health in December 2010.

► **Mary Beth Bollinger, DO**, associate professor, Department of Pediatrics, and medical director of the Breathmobile, presented an abstract at the European Respiratory Society meeting in Barcelona entitled “Factors Impacting Asthma Control in Underserved Children in the Baltimore Breathmobile® Program” in September 2010.

► **Michael C. Bond, MD**, assistant professor, Department of Emergency Medicine, won the open microphone session at this year’s scientific assembly of the American Academy of Emergency Medicine, held in Orlando in February 2011. He spoke on the topic of myths in orthopaedics. This award guarantees him a place on the agenda for the organization’s next annual meeting. Also speaking during the open mic session were **Priya**



Michael C. Bond, MD

**Kuppusamy, MD**, senior resident, **Michael K. Abraham, MD, MS**, clinical assistant professor, and **Terrence Mulligan, DO, MPH**, assistant professor. **Joshua C. Reynolds, MD**, senior resident, participated in the Resident Research Competition. **Steven P. Tropello, MD, MS**, instructor, submitted a photo competition entry portraying concealment of a vial of crack cocaine. University of Maryland Emergency Medicine faculty members provided 18 hours of education in 22 lectures at this conference, more than double the educational contribution of any other emergency medicine program in the country. Invited faculty members were **Michael E. Winters, MD**, assistant professor, **Roger M. Stone, MD, MS**, clinical assistant professor, **Brian J. Browne, MD**, professor and chair, **Larry D. Weiss, MD**, professor, **Kenneth H. Butler, DO**, associate professor, **Benjamin J. Lawner, DO, EMT-P**, clinical assistant professor, and **Amal Mattu, MD**, professor and vice chair.

► **John W. Cole, MD**, associate professor, Department of Neurology, was on the steering committee and gave 10 lectures for the course entitled “Catheter Lysis of Thromboembolic Stroke (CLOTS)” in Dallas in October 2010 for the Society of Interventional Radiology. Additionally, Dr. Cole presented “What’s New in the Therapy of Stroke” during grand rounds at Shady Grove Adventist Hospital in March 2011.

► **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Center for Celiac Research and the Mucosal Biology Research Center, presented the paper, “Zonulin, Intestinal Permeability, and Inflammation: Bridging the Gap Between Innate Immunity and Autoimmunity,” at the 4th Bridging the Gap International Workshop on Cell Communication in Health and Disease in Vienna, Austria, in February 2011. Also in February, Dr. Fasano presented the Kopelman Lecture at the joint 2011 Canadian Digestive Diseases Week and the Canadian Association for the Study of the Liver Winter Meeting.

► **Brenda Hussey-Gardner, PhD, MPH**, assistant professor, Department of Pediatrics, presented “Understanding Premies: Medical & Developmental Implications in Early Intervention” at the Montgomery County Infants & Toddlers Program in Gaithersburg in March 2011.



John W. Cole, MD



Alessio Fasano, MD



## EVENTS, LECTURES & WORKSHOPS *continued*

► **Benjamin J. Lawner, DO, EMT-P**, clinical assistant professor, Department of Emergency Medicine, presented grand rounds at Saint Vincent's Hospital in Lake Erie, Pennsylvania, in April 2011. The title of his lecture was "Deadly ECG Diagnoses." He was also an invited speaker at the annual education conference of the Maryland chapter of the American College of Emergency Physicians, held in Baltimore in April 2011. His presentation at that event was titled "The Heart of the Matter: AHA Guidelines 2010."



Jay Magaziner, PhD, MSHyg

► **Jay Magaziner, PhD, MSHyg**, professor and chair, Department of Epidemiology & Public Health, was a keynote speaker for the University of Connecticut Research Day in Aging, held in April 2011. The theme of the meeting was "Improving Clinical Outcomes in Older Adults through Research."

► **Amal Mattu, MD**, professor and vice chair, Department of Emergency Medicine, served as keynote speaker at the EMedix Risk Management Symposium in Phoenix in March 2011. He presented five lectures on high-risk conditions: diagnosis of the acute MI, wide complex tachydyrhythmias, cardiac arrest and pulmonary embolism, risky populations and miscellaneous disasters.

► **Andrea Meredith, PhD**, assistant professor, Department of Physiology, presented an invited lecture at the Ion Channel Symposium of The Royal Danish Academy of Sciences and Letters in Copenhagen, Denmark, in May 2011. Her lecture was entitled "Big Time for BK: Mechanisms of Circadian Rhythm in Neuronal Activity."



Andrea Meredith, PhD

► **Daniel J. Morgan, MD**, assistant professor, Department of Epidemiology & Public Health, was an invited speaker for the Johns Hopkins University Bloomberg School of Public Health Healthcare Epidemiology Course entitled "Prevention Strategies" in November 2010. Also in November, Dr. Morgan was an invited speaker for the IDCareLive online video conference, which was sponsored by Johns Hopkins University School of Medicine. His talk was entitled "Continuing Lessons from the MDR Acinetobacter and Enterobacteriaceae Epidemics."

► **Karthika Natarajan, PhD**, postdoctoral fellow in Maria Baer's laboratory, presented "Theserine/threonine Kinase Pim-1 Promotes Drug Resistance Mediated by the ATP-Binding Cassette Multidrug Resistance Protein Breast Cancer Resistance Protein (BCRP, ABCG2) by Stabilizing Higher-Order BCRP Multimers" at the American Association for Cancer Research Meeting in Orlando in April 2011. Dr. Baer is a professor in the Department of Medicine and Program in Oncology.

► **E. Albert Reece, MD, PhD, MBA**, vice president for Medical Affairs, University of Maryland, John Z. and Akiko K. Bowers Distinguished Professor and Dean, University of Maryland School of Medicine, was one among several distinguished scientists and journalists who were invited panelists to the Maryland-based Research Partners Forum, at the National Press Club in Washington DC on May 11, 2011. The theme of discussion was: "Let Me Be Clear: Science Journalism in the Age of the Genome and Twitter." Sponsored by Research!America, Pfizer, Inc. and the University of Maryland, the forum aimed to generate an interactive dialogue about the ways journalists and scientists can work together in the evolving environments of both fields.



E. Albert Reece, MD, PhD, MBA

► **Rosemary A. Schuh, PhD**, assistant professor, Department of Neurology, presented "Mitochondrial Dysfunction and Amyloid Plaque Burden in an APP/PSI Mouse Model of Alzheimer's Disease" at the Society for Neurosciences in San Diego in November 2011. Dr. Schuh's co-authors included **Paul S. Fishman, MD, PhD**, professor, Department of Neurology, and **Tibor Kristian, PhD**, assistant professor, Department of Anesthesiology.



Tibor Kristian, PhD

► **Alan Shuldiner, MD**, Whitehurst Professor of Medicine, and associate dean and director, Program in Personalized and Genomic Medicine, presented "Directing the Course of Treatment with Pharmacogenomics: Anti-Platelet Therapy in Coronary Heart Disease" at the 2011 Annual Meeting of the American Association for the Advancement of Science in Washington, DC, in February 2011.



## PUBLICATIONS

*Hats off to those who have been published!*

► **Mary Beth Bollinger, DO**, associate professor, Department of Pediatrics, and medical director of the Breathmobile, co-authored “The Breathmobile Program: A Good Investment for Underserved Children with Asthma” in the *Annals Allergy Asthma and Clinical Immunology*, 2010;105:274–281, PMID: 20934626. In addition, Dr. Bollinger was first author on “Prescription Fills for Allergic Rhinitis Medications in a Commercially-Insured Population” in *Clinical Therapeutics*, 2010;32(6):1093-1102.

► **Carol Carracio, MD**, professor, Department of Pediatrics, co-authored “Competencies, Outcomes and Controversy—Linking Professional Activities to Competencies to Improve Resident Education and Practice,” which was published in *Academic Medicine*, 86 (2011), 161-165.

► **Geoffrey B. Crawford, MD, MS**, chief resident, Department of Epidemiology & Public Health, published “Continued Debate on Comparative Effectiveness Research” in *Health Affairs*, 2010 Dec;29(12):2353, PMID: 21134939. In addition, Dr. Crawford co-published “Depressive symptoms and Self-Reported Fast-Food Intake in Midlife Women” in *Preventive Medicine*, 2011 Mar-Apr;52(3-4):254-7, PMID: 21276813, and “Influenza and School Based Influenza-Like Illness Surveillance: A Pilot Initiative in Maryland” in *Public Health Reports*, 2011 Jul Aug; Vol. 126. [in press].

► **Carolyn A. Cronin, MD**, assistant professor, and **Steven J. Kittner, MD, MPH**, professor, both from the Department of Neurology, and **E. Francois Aldrich, MD**, associate professor, Department of Neurosurgery, co-published “Occipital Bone Abnormality Causing Recurrent Posterior Circulation Strokes” in *Stroke* 2011.

► **Vasken Dilsizian, MD**, professor, Department of Diagnostic Radiology & Nuclear Medicine, co-authored “We Are All for Elevating VR....,” in the February issue of *JACC Cardiovasc Imaging*, 2011;4(2):209–21). In addition, Dr. Dilsizian co-authored “Microvascular



Carolyn A. Cronin, MD



Vasken Dilsizian, MD

Angina: Assessment of Coronary Blood Flow, Flow Reserve and Metabolism,” “Variation of Heart-to-Mediastinal Ratio in 123I-MIBG Cardiac Sympathetic Imaging: Its Affecting Factors and Potential Corrections,” and “Metabolic Imaging for Identifying Antecedent Myocardial Ischemia and Acute Coronary Syndrome in the Emergency Department,” all of which were in the April issue of *Current Cardiology Reports*, 2011;13(2):151–158, 132–137, and 96–99. He was also co-authored “Nuclear Cardiac Imaging in Hypertrophic Cardiomyopathy” in the February issue of the *Journal of Nuclear Cardiology*, 2011;18(1):123–134.

► **Brian D. Euerle, MD, RDMS**, associate professor, and **Joshua C. Reynolds, MD**, third-year resident, both from the Department of Emergency Medicine, published an article in the “Images in Emergency Medicine” column in the March 2011 issue of *Annals of Emergency Medicine*. In that article, they describe the use of bedside ultrasound to identify a hip effusion, which secured the diagnosis of septic arthritis.

► **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Center for Celiac Research and the Mucosal Biology Research Center, was lead author for a study demonstrating the molecular differences in celiac disease and gluten sensitivity published online in March 2011 by *BMC Medicine*. The results of the study were reported widely in the U.S. and Italian media, including a feature in the health blog of *The Wall Street Journal* and an article in *Il Messaggero*, Rome’s most popular daily newspaper. He also was featured in media interviews on gluten sensitivity and the gluten-free diet in *Vogue* magazine, *Allergic Living*, *Men’s Health*, *Mind/Health Newsletter*, *Health Day* and other outlets.

► **Mohamed Hashem, MB, BCh**, assistant professor, **G. Thomas Strickland, MD, PhD**, professor, and **Samer El-Kamary, MB, ChB, MPH**, assistant professor, all from the Department of Epidemiology & Public Health, co-published “Strong Hepatitis C Virus (HCV)-Specific Cell-Mediated Immune Responses in the Absence of Viremia or Antibodies among Uninfected Siblings of HCV Chronically Infected Children” in the March issue of the *Journal of Infectious Diseases*, 2011;203(6):854-861.



Samer El-Kamary, MB, ChB, MPH

## PUBLICATIONS *continued*

► **Priyantha Herath, MD**, fellow, Department of Neurology, co-published “In Vitro Neurochemistry of Primary Focal Hand Dystonia: A Magnetic Resonance Spectroscopic Neurometabolite Profiling Study at 3T” in *Movement Disorders*.

► **Jean Jeudy, MD**, assistant professor, and **Jeffrey Galvin, MD**, professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Centrilobular Emphysema Combined with Pulmonary Fibrosis Results in Improved Survival” in the February 15 issue of *Fibrogenesis Tissue Repair*, 2011;4(1):6. Dr. Jeudy also co-authored “MRI-guided Ventricular Tachycardia Ablation: Integration of Late Gadolinium Enhanced 3D Scar in Patients with ICD,” e-published on January 26 ahead of print in *Circulation: Arrhythmia and Electrophysiology* and “ACR Appropriateness Criteria® Screening for Pulmonary Metastases,” in the February issue of the *Journal of Thoracic Imaging*, 2011;26(1):W1–W3.



Anupama Kewalramani, MD

► **Anupama Kewalramani, MD**, assistant professor, **Mary Beth Bollinger, DO**, associate professor, and **Carrie Vibbert, RN**, all from the Department of Pediatrics, co-authored “Automated Actuation of Nasal Spray Products: Determination and Comparison of Adult and Pediatric Settings” in *Drug Development and Industrial Pharmacy*, 2010 Oct 6. [Epub ahead of print] PMID: 20923391.

► **Seth Kligerman, MD**, assistant professor, and **Charles White, MD**, professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Epidemiology of Lung Cancer in Women: Risk Factors, Survival and Screening,” in the February issue of the *American Journal of Roentgenology*, 2011; 196(2):287–295, and “Assessment of Acute Chest Pain in the Emergency Department: Evaluation of the Rule Out Myocardial Infarction Using Computer Assisted Tomography (ROMICAT) Trial and Its Future Implications” in the February issue of *Current Cardiology Reports*, 2011;13(1):6–8.

► **Amal Mattu, MD**, professor and vice chair, Department of Emergency Medicine, co-authored an editorial entitled “Real-Time Cardiology Overread of the Electrocardiogram: Where Is the Value Added?” which was published in the March 2011 issue of *The American Journal of Emergency Medicine*.



Andrei Medvedev, PhD

► **Andrei Medvedev, PhD**, assistant professor, Department of Microbiology & Immunology, published “Endotoxin Tolerance Impairs IRAK4 and TAK1 Activation, K63-linked Polyubiquitination and Assembly of IRAK1, TRAF6, IKK $\gamma$ , and Increases A20 Expression” in the *Journal of Biological Chemistry*, 2011 Jan 10, [Epub ahead of print]. Other co-authors from the department include **Yanbao Xiong, BS**, research fellow, and the first author, and **Wenji Piao, Drmed**, research associate.

► **Reuben Mezrich, MD**, professor, Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Should Post-Processing Be Performed by the Radiologist,” which was e-published March 5, 2011, ahead of print in the *Journal of Digital Imaging*. Dr. Mezrich also authored “Cancer Risk from Multiple Imaging Tests,” a letter to the editor in the March 2 edition of the *Journal of the American Medical Association* (2011;305(9):887).



Reuben Mezrich, MD

► **Stuart Mirvis, MD**, professor, and **Kathirkama Shanmuganathan, MD**, professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Predictors of Outcome in Acute Traumatic Central Cord Syndrome Due to

Spinal Stenosis” in the January issue of the *Journal of Neurosurgery: Spine*, 2011;14(1):122–130.

► **Daniel J. Morgan, MD**, assistant professor, Department of Epidemiology & Public Health, co-authored “Improving Efficiency in Active Surveillance for Methicillin-Resistant *Staphylococcus aureus* or vancomycin-resistant *Enterococcus* at Hospital Admission” in *Infection Control and Hospital Epidemiology*, 2010;12:1230-5, and “The Characteristics of Healthcare-Associated Infections Contributing to Unexpected Hospital Death”



Daniel J. Morgan, MD



## PUBLICATIONS *continued*

in *Infection Control and Hospital Epidemiology*, 2010;31(8):864-6. Additionally, Dr. Morgan co-authored “Emergence of *Klebsiella pneumoniae* Carbapenemase (KPC)-Producing Bacteria” in the *Southern Medical Journal*, 2011;104(1):40-5.

► **Yuko Ohta, PhD**, assistant professor, and **Martin F. Flajnik, PhD**, professor, both from the Department of Microbiology & Immunology, co-authored “Primordial Linkage of Beta2-microglobulin to the Major Histocompatibility Complex” in the *Journal of Immunology*, in press. In addition, Dr. Ohta co-authored “Remarkable Conservation of Distinct Nonclassical MHC Class I Lineage in Divergent Amphibian Species” in the *Journal of Immunology*, 186(1):372-81, 2011.

► **William Olmsted, MD**, clinical professor, Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Challenges and Opportunities in Scientific Publications in 2011: An Analysis by the Editors of the Journals of the Radiological Society of North America (RSNA),” e-published on February 9, 2011, ahead of print in *Radiologia*. With **Fauzia Vandermeer, MD**, assistant professor, Department of Diagnostic Radiology & Nuclear Medicine, Dr. Olmsted co-authored “Tips for Incorporating Quality Improvement Projects into a Residency Program Curriculum,” in the February issue of the *Journal of the American College of Radiology*, 2011;8(2):84-85, PubMed PMID: 21292180.



Martin F. Flajnik, PhD

► **Denise Orwig, PhD**, assistant professor, **William Hawkes, PhD**, assistant professor, **Michelle Shardell, PhD**, assistant professor, **J. Richard Hebel, PhD**, professor, **Ram Miller, MD, CM**, assistant professor, **Jay Magaziner, PhD, MSHyg**, professor and chair, and **Sheryl Zimmerman, PhD**, adjunct professor, all from the Department of Epidemiology & Public Health, and **Marc Hochberg, MD, MPH**, professor, Department of Medicine, and **Barbara Resnick, PhD**, associate professor, School of Nursing, co-published “Delivery and Outcomes of a Year-Long Home Exercise Program after Hip Fracture: A Randomized Controlled Trial” in the February issue of the *Archives of Internal Medicine*, 2011; 171(4):323-331.



Denise Orwig, PhD

► **Mark W. Rogers, PT, PhD, FAPTA**, professor and vice chair for research, Department of Physical Therapy & Rehabilitation Science, co-published an article entitled “Perturbations of Ground Support Alter Posture and Locomotion Coupling During Step Initiation in Parkinson’s Disease” in the February 2011 edition of *Experimental Brain Research*. In addition, Dr. Rogers co-published “Postural Preparation Prior to Stepping in Patients with Parkinson’s Disease” in the April 2011 issue of the *Journal of Neurophysiology*.

► **Kevin N. Sheth, MD**, assistant professor, Department of Neurology, co-published “Factor XIII Deficiency Related Recurrent Spontaneous Intracerebral Hemorrhage: A Case and Literature Review” in *Clinical Neurology and Neurosurgery*.

► **Eliot L. Siegel, MD**, professor, Department of Diagnostic Radiology & Nuclear Medicine, co-authored “Five Levels of PACS modularity: integrating 3D and Other Advanced Visualization Tools,” e-published on February 8, 2011, ahead of print in the *Journal of Digital Radiology*. With diagnostic radiology resident **Omer Awan, MD**, Dr. Siegel co-authored “Detection of Cervical Spine Fracture on Computed Radiography Images: A Monitor Resolution Study,” in the March 2011 issue of *Academic Radiology*, 18(3):353-358. Dr. Siegel also co-authored “Imaging Opportunities in Radiation Oncology,” in the February issue of the *International Journal of Radiation Oncology, Biology, Physics*, 2011;79(2):342-347.



Rao Gullapalli, PhD

► **Su Xu, PhD**, assistant professor, and **Rao Gullapalli, PhD**, associate professor, both from the Department of Diagnostic Radiology & Nuclear Medicine, were among the authors of “In Vivo Magnetic Resonance Imaging to Detect Biliary Excretion of <sup>19</sup>F-labeled Drug in Mice,” e-published on January 26, 2011, ahead of print, in *Drug Metabolism and Disposition*.



Mark W. Rogers, PT, PhD,  
FAPTA



Eliot L. Siegel, MD

## APPOINTMENTS



*We applaud our colleagues on their recent appointments!*



Maria Baer, MD

► **Maria Baer, MD**, professor, Department of Medicine and Program in Oncology, was appointed as a chartered member of the National Cancer Institute Clinical Oncology Study Section, Oncology 2–Translational Clinical Integrated Review Group, for a four-year term beginning July 1, 2011 and ending June 30, 2015.

► **Miriam G. Blitzer, PhD, FACMG**, professor, Department of Pediatrics, was appointed to the American Board of Medical Specialties, for a three-year term beginning April 2011.



Miriam G. Blitzer, PhD, FACMG

► **Steven J. Czinn, MD**, professor and chair, Department of Pediatrics, was elected to a three-year term as a member of the executive committee of the Association of Medical School Pediatric Department Chairman (AMSPDC). Members are selected for their commitment to the purpose

of fostering education and research in the field of child health and human development. The membership of AMSPDC consists of over 60 accredited medical schools in the United States and Canada.

► **Judy S. LaKind, PhD**, associate professor, Department of Epidemiology & Public Health, has been appointed to serve on the Blue Water Navy Vietnam Veterans and Agent Orange Exposure Panel for the Institute of Medicine.



Judy S. LaKind, PhD

► **Aisha T. Liferidge, MD**, assistant professor, Department of Emergency Medicine, was re-appointed to the board of directors of the Maryland chapter of the American College of Emergency Physicians during the organization's annual meeting in Baltimore in April 2011.

► **M. Philip Luber, MD**, associate professor, Department of Psychiatry, has been appointed to the Accreditation Council for Graduate Medical Education, Residency Review Committee for Psychiatry.

► **Jay Magaziner, PhD, MSHyg**, professor and chair, Department of Epidemiology & Public Health, has been elected as a full member of the Committee of Scientific Advisors (CSA). He joins the CSA in providing a voice in the worldwide fight against osteoporosis to make an impact in osteoporosis awareness and its prevention, early diagnosis and treatment.

► **Kevin N. Sheth, MD**, assistant professor, Department of Neurology, was elected Councilor for the Critical Care section for the American Academy of Neurology.



Rose Marie Viscardi, MD

► **Rose Marie Viscardi, MD**, professor, Department of Pediatrics, was appointed to the Lung Injury, Repair and Remodeling Study Section, Center for Scientific Review at the National Institutes of Health, beginning July 1, 2011 and ending June 30, 2017.

► **Richard Y. Zhao, PhD**, professor, Departments of Pathology and Microbiology & Immunology and Institute of Human Virology, has been appointed as interim president of the faculty senate at the University of Maryland in Baltimore. He is currently a vice-president on the University of Maryland faculty senate.



Aisha T. Liferidge, MD



Richard Y. Zhao, PhD



## HONORS

## & AWARDS



*Congratulations to the following who have received honors!*

► **David A. Bowman, MD**, assistant professor, Department of Pediatrics, was honored by the Student National Medical Association, Inc. (SNMA) during its annual banquet at the Eubie Blake National Jazz and Cultural Center in Baltimore in April 2011. Dr. Bowman was honored for his contribution to the field of pediatrics and dedication to HIV research in minority populations.

► **Wade R. Gaasch, MD**, assistant professor, Department of Emergency Medicine, received the EMS Provider of the Year Award from the Maryland chapter of the American College of Emergency Physicians. The award was presented at the chapter's annual educational conference, which was held in Baltimore in April 2011.

► **Andrea Meredith, PhD**, assistant professor, Department of Physiology, received the S&R Foundation Ryuji Ueno Award for Ion Channels or Barrier Function Research at the Experimental Biology meeting in Washington, DC, on April 12, 2011. The award was established by the American Physiological Society through the support of the S&R Foundation in Bethesda, which gives an annual award of \$30,000 to a young scientist demonstrating outstanding promise based on his/her research in ion channels or epithelial barrier function. Dr. Meredith's receipt of the award was recognized at the American Physiological Society Founders' dinner, held at the Georgetown home of Sachiko Kuno, PhD, president, and Ryuji Ueno, MD, PhD, honorary chair of the S&R Foundation.

► **Bernardo Ortega, PhD**, postdoctoral fellow, Department of Physiology, was presented with the American Physiological Society, Renal Section "Postdoctoral Excellence in Renal Research Award sponsored by Amgen" at the Experimental Biology 2011 Meeting on April 11 in Washington, DC, for his studies on a potassium channelopathy called EAST/Sesame Syndrome.



Ligia Peralta, MD

► **Ligia Peralta, MD**, associate professor, Department of Pediatrics, was inducted into the 2011 Maryland Women's Hall of Fame for her outstanding accomplishments. She was nominated by Dean E. Albert Reece, MD, PhD, MBA. Dr. Peralta's induction ceremony occurred on March 29, 2011, in the President's Conference Room in Annapolis, and was followed by a reception at the Government House.



(L-R) Patria de Lancer Julnes, PhD, professor, School of Public & International Affairs, University of Baltimore (UB), James Hill, chair of the College of Public Affairs Advisory Council at UB and former UM Vice President for Administrative Services, Mary Jo Pohlner, and Larry Thomas, PhD, dean, UB College of Public Affairs.

► **Mary Jo Pohlner**, administrative analyst, Office of Academic Administration, Office of the Dean, was awarded the University of Baltimore's College of Public Affairs Dean's Advisory Council Award on May 11, 2011, for her exceptional academic work as a student in the Masters in Public Administration program. Ms. Pohlner started in the Office of Academic Administration as a coordinator in July 2007 and was recently promoted to her current

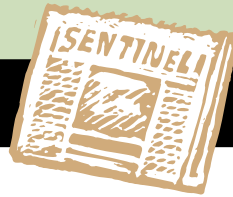
position. She graduated with the MPA degree in May.

► **Tonya J. Webb, PhD**, assistant professor, Department of Microbiology & Immunology, received one of 50 Minority Scholar in Cancer Research Awards from the American Association for Cancer Research (AACR) at its 102nd Annual Meeting 2011 in Orlando in April. The award, now in its 26th year, is intended to enhance the education and training of minority researchers and increase the visibility and recognition of minorities involved in cancer research. It provides funds for the participation of early-career, meritorious minority scientists at the annual meeting. Scholars are chosen from minority institutions and the larger bodies of universities, colleges and research institutions based on their qualifications, references from mentors and an estimation of the professional benefit to the awardees. The award is sponsored by a grant from the National Cancer Institute's Center to Reduce Cancer Health Disparities. Additionally, Merck Oncology has agreed to provide support to fund the participation of young minority investigators.



Tonya J. Webb, PhD

## IN THE NEWS



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

- ▶ **Matthew Cooper, MD**, associate professor, Department of Surgery, and director of Kidney Transplantation, was quoted in a Your4State.com article entitled “MD Man Meets Child He Donated Kidney To.” This surgery was performed at the University of Maryland in January 2011; the medical center will pay for the donor’s recovery expenses.
- ▶ **Connie Marr, MS, HCA**, senior administrator, Department of Pediatrics, was acknowledged in the article “Issues and Solutions in Accurately Measuring Clinical Full-Time Equivalents,” by Elaine Gallagher, MBA, and Dean Rapoza, MBA, which was published in the *Journal of Pediatrics*, 157(5) (2011), 697-698.e2.
- ▶ **Daniel J. Morgan, MD**, assistant professor, Department of Epidemiology & Public Health, was interviewed for an article, “Losing Touch with the Patient,” in the October 21, 2010, edition of *The New York Times*.
- ▶ **Kevin N. Sheth, MD**, assistant professor, Department of Neurology, authored “Hypertonic Saline and Mannitol Therapy in Critical Care Neurology” in the *Journal of Intensive Care Medicine*, which was featured on www.MDLinx.com. MDLinx is the world’s most up-to-date index of articles that matter in the daily lives of physicians and other healthcare professionals. Every day almost 1,000,000 free briefings across 35 specialty areas are submitted. Dr. Sheth’s article was assigned to the following specialties: Pulmonology, Anesthesiology, Medical Student and Physician Assistant. The article was selected as number 4 on the anesthesiology site. It can be viewed at [www.mdlinx.com/anesthesiology/news-article.cfm/3540206](http://www.mdlinx.com/anesthesiology/news-article.cfm/3540206).



Tricia Ting, MD

- ▶ **Tricia Ting, MD**, assistant professor, Department of Neurology, was featured during an interview that aired on the eleven o’clock news on November 28, 2010, and gave a live interview on the ABC2 *Morning Show* on November 29, 2010, regarding “I-Dosing.” In I-Dosing, a person listens to specifically engineered soundtracks that are claimed to produce a drug-like euphoria.

To find out more information, visit [www.abc2news.com/dpp/news/local\\_news/investigations/forget-beer,-pot;-kids-trying-new-digital-high](http://www.abc2news.com/dpp/news/local_news/investigations/forget-beer,-pot;-kids-trying-new-digital-high). Dr. Ting also was featured in a WBFF Fox45 cover story on January 20, 2011, and on a Fox45 affiliate in San Antonio, Texas, on February 18, 2011, regarding the same topic.

## NEW FACULTY



*We welcome our new faculty!*

- ▶ **Howard Jacobs, MD**, joined the Department of Pediatrics in January 2011 as an associate professor. Dr. Jacobs graduated from the George Washington University School of Medicine, then completed a pediatric internship at Rainbow Babies’ and Children’s Hospital, University Hospitals of Cleveland. He is board certified with the American Board of Pediatrics and is a member of the American Academy of Pediatrics and the American Headache Society. He has 29 years of experience in outpatient pediatrics with newborn and inpatient coverage. He has extensive experience treating general pediatric diseases with a large population of patients in the ADHD spectrum. Dr. Jacobs has previous experience in the office-based residency education program of Rainbow Babies’ and Children’s Hospital.
- ▶ **Sandra M. Mooney, PhD**, joined the Department of Pediatrics as an associate professor in February 2011. Specifically, Dr. Mooney will work for the department’s Division of Neonatology. Dr. Mooney received her doctorate from the University of Otago, New Zealand, and completed her post graduate training at the Department of Psychiatry at the University of Iowa. She is a member of the Research Society on Alcoholism and the Society for Neuroscience.
- ▶ **Douglas N. Savin, PhD, MPT**, joined the Department of Physical Therapy & Rehabilitation Science in March 2011 as an assistant professor. In 1997 he obtained a Masters in Physical Therapy from the University of Maryland School of Medicine. In 2011 he earned a Doctorate in Physical Rehabilitation Science from the University of Maryland’s Graduate Program in Life Sciences. As a doctoral student, Dr. Savin completed his dissertation work entitled “Locomotor Adaptation to a Novel Unilateral Swing Phase Perturbation in Nondisabled Individuals and Persons with Chronic Stroke and Hemiparesis.”



Douglas N. Savin, PhD, MPT

- ▶ **Kelly Westlake, PhD, MSc, PT**, joined the Department of Physical Therapy & Rehabilitation Science in January 2011 as an assistant professor. Previously, Dr. Westlake worked in the Department of Radiology & Biomedical Imaging at the University of California in San Francisco and the VA Rehabilitation

*(continued below)*

## IN MEMORIAM



**Renee Royak-Schaler, PhD**, an associate professor and director of the Masters in Public Health program in the Department of Epidemiology & Public Health, died unexpectedly on May 22, 2011, at Howard County General Hospital in Columbia, Maryland. Preliminary findings indicate cancer as an underlying condition, and pulmonary emboli as the acute cause of death. She was 64.

Born on October 8, 1946, in Newark, New Jersey, and a Washington, DC, resident for over forty years, Dr. Royak-Schaler was the beloved wife of Jeffrey A. Schaler since 1974; cherished mother of Magda Schaler-Haynes and adored grandmother of Samara and Sonia. She was a scholar and behavioral scientist whose multi-disciplinary program of research focused on disparities of cancer care, including psychosocial and behavioral factors associated with early detection, prevention, and survivorship care practices of minority populations. Dr. Royak-Schaler received her bachelor's degree in anthropology at George Washington University, her master's degree in human development, and her doctoral degree in health education at the University of Maryland College Park.

Friends and colleagues may contact Jeffrey@Schaler.Net for more information.

Memorial gifts to honor and advance Dr. Royak-Schaler's work can be made by check or online. Checks payable to UMBF, Inc. should specify in the subject line "Renee Royak-Schaler, DEPH" and be mailed to Patricia Bates, University of Maryland School of Medicine, Development Office, 100 N. Greene St., Ste 600, Baltimore, MD 21201. Online donations can be made at [www.fundformedicine.org](http://www.fundformedicine.org) (Follow "Make a gift to the Fund for Medicine" link and specify for "Renee Royak-Schaler, DEPH.")

## NEW FACULTY *continued*

Research & Development Center/Stanford University as a postdoctoral research fellow. In 1995 she obtained a Bachelor of Science degree in physical therapy from McGill University in Montreal, Quebec. In 2001 she earned a Master of Science degree and in 2007 she obtained a Doctorate in rehabilitation science from Queen's University in Kingston, Ontario. She is currently funded by a two-year \$110,000 American Heart Association Clinical Research Program Grant for her work entitled "Functional and Structural Connectivity in the Motor Cortex: Implications for Recovery and Rehabilitation after Stroke."



Kelly Westlake, PhD, MSc, PT

## 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:**  
Carolyn Craighead

**Anesthesiology:** Betsy Burcham

**Biochemistry & Molecular Biology:**  
Bruce Reinecke

**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:** Paula Gilley

**Neurosurgery:** Terry Roberts

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

**Ophthalmology:** Nancy Cook

**Orthopaedics:** Dori Kelly

**Otorhinolaryngology:** Bryan Ambro

**Pathology:** Carmen White

**Pediatrics:** Miranda Ijiyemi

**Pharmacology & Experimental Therapeutics:** Anne Nourse

**Physical Therapy & Rehabilitation Science:** Krista Nazelrod

**Physiology:** Ken Fahnestock

**Psychiatry:** Vee Porter-Brown

**Radiation Oncology:** Jill Rosenberg

**Surgery:** Daniel Zhu

**Program in Comparative Medicine:**  
Deborah Sanchez

**Program in Genetics & Genomic Medicine:** Pam Shinnick

**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

**Center for Integrative Medicine:**  
Harry Bosk

**Center for Mucosal Biology Research or MBRC:** Pam King

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

**Center for Shock, Trauma and Anesthesiology Research or STAR-ORC:**  
Jane Anderson

**Center for Stem Cell Biology & Regenerative Medicine:**  
LaRondi Flowers

**Center for Vaccine Development:**  
Gloria Smedley

**Center for Vascular & Inflammatory Diseases:** Vanessa Foreman

**Institute for Autoimmunity and Inflammation:** Susie Flaherty

**Institute for Genome Sciences:**  
Renée Nathaniel

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Dawn Roberts

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Jordan Warnick

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)