



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!



Jeffrey Fink, MD

► **Jeffrey Fink, MD**, professor, Department of Medicine, received a four-year, \$660,434 grant from the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health for his project entitled: "Exercise Training and Cognitive and Physical Function in CKD."

► **Andrew Goldberg, MD**, professor, Department of Medicine, and **Jay Magaziner, PhD, MS Hyg**, professor and chair, Department of Epidemiology & Public Health, were awarded a five-year, \$4.5 million renewal from the National Institutes on Aging to continue the work of the University of Maryland Claude D. Pepper Older Americans Independence Center (UM-OAIC). This prestigious award will enable the University of Maryland

to maintain its status as a national leader in aging research. The funding will allow for continued collaborations among a multidisciplinary team of investigators in the conduct of rehabilitation studies examining diabetes/metabolic syndrome, hip fracture, obesity, frailty, breast cancer, stroke, falls and other disabling chronic diseases and medical conditions prevalent in the elderly, and the translation of these findings into effective community programs.

► **Alexis Gorden, MD**, instructor, Department of Medicine, received a one-year \$60,782 F32 training grant from the National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases for her work entitled "Functional Characteristics of a Novel Gene for Non-alcoholic Fatty Liver Disease."

► **Asaf Keller, PhD**, professor, Department of Anatomy & Neurobiology, received a five-year R01 award in the amount of \$1.9 million from the National Institute of Dental and Craniofacial Research for his project entitled "Cortical Modulation of Brainstem Circuits."

► **Laurel Kiser, PhD**, associate professor, Department of Psychiatry, is the P.I. on a \$600,000 grant from the Substance Abuse and Mental Health Services Administration (SAMHSA) that will be used to establish a Traumatic Stress Disorder Adaptation Center at the School of Medicine. These Treatment and Service Adoption Center grants are working to develop and test the best methods for preventing, screening for and treating behavioral health problems in children that can arise because of natural disaster, abuse, neglect or other traumatic events. Additionally, these Centers provide training on implementing proven approaches in community and child-serving service system settings throughout the country. Find out more at <http://fitcenter.umaryland.edu/>.



Laurel Kiser, PhD

► **Miriam Laufer, MD, MPH**, associate professor, Department of Pediatrics, and **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, received a four-year, \$7.4 million grant from the National Institute of Allergy and Infectious Diseases (NIAID) for their project "Clinical Trial of Trimethoprim-Sulfamethoxazole or Chloroquine in Adults on ART." **Matthew Laurens, MD, MPH**, assistant professor, Department of Pediatrics, is listed as key personnel on the grant.

► **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor, Department of Medicine, and director, Center for Vaccine Development, has received a four-year, \$4 million Strategic Translation Award from The Wellcome Trust for a new project entitled "Vaccines to Prevent Invasive Non-typhoidal Salmonella Infections in Infants and Young Children in Sub-Saharan Africa." The goal of this project is to accelerate the development of a bivalent *Salmonella Typhimurium/Salmonella Enteritidis* conjugate vaccine to prevent the invasive infections (septicaemia, meningitis, etc.) that these organisms cause in young children (and high-risk adults) in sub-Saharan Africa. This is the first grant from the prestigious Wellcome Trust to be awarded to the School of Medicine.

GRANTS & CONTRACTS *continued*



Andrei Medvedev, PhD

► **Andrei Medvedev, PhD**, assistant professor, Department of Microbiology & Immunology, received a four-year, \$1.32 million NIH RO1 grant award from NIAID/NIH for his work entitled "Effect of Bacterial Tolerance on TLR4 Signal Transduction." This is a renewal of his previous RO1 grant.

► **Thomas Pallone, MD**, professor, Department of Medicine, received a four-year, \$1.4 million competing continuation grant from the NIDDK for his R01 entitled "Vasomotor Control of Descending Vasa Recta."



Thomas Pallone, MD

► **Alan Shuldiner, MD**, the John L. Whitehurst Endowed Professor of Medicine and associate dean for Personalized and Genomic Medicine, was awarded a supplement to his current PAPI-2 award for \$800,000 to implement a network of several sites joining forces to grow the Genomics Program. The University of Maryland will be the parent institution for the PGRN Translational Pharmacogenetics Program (TPP). The TPP includes investigators from University of Florida, St. Jude's Children's Research Hospital, Vanderbilt University, Ohio State University and the Mayo Clinic. Dr. Shuldiner was also awarded a Department of Defense grant in the amount of \$1 million to establish the infrastructure for the University of Maryland's Program for Personalized & Genomic Medicine (UM-PPGM). The mission of the Program is to advance genomic (and other 'omic') discoveries relevant to personalized medicine and to translate these discoveries into new paradigms for patient care and preventive medicine to benefit the citizens of Maryland and beyond.



Henry Silverman, MD, MA

► **Henry Silverman, MD, MA**, professor, Department of Medicine, received a one-year \$50,000 supplement grant from the Fogarty International Center at the National Institutes of Health for his work entitled "Determining Best Practices in Distance Learning for Audiences Situated in Developing Countries."

HONORS

& AWARDS



Congratulations to the following who have received honors!

► **Danuta Bujak, PhD**, instructor, Department of Medicine, received the Yale University School of Nursing's Distinguish Alumna Award for 2011, 30 years after her graduation. The Award was given to Dr. Bujak at the annual reunion on October 1, 2011 at the Yale Graduate Club in New Haven, Connecticut, in recognition of her outstanding contributions. Dr. Bujak provided much-needed community services, and offered vision and leadership to the communities she served and to the nursing profession as a whole in the treatment of hypertension, Lyme disease, and osteoarthritis. Her research presentations and publications in the early 1990's increased awareness of the long-term effects of untreated Lyme disease and other tick-borne diseases as persistent public health threats. Dr. Bujak's work elucidated the long-term sequelae following delay in diagnosis and treatment of Lyme disease and had an impact on improved outcomes worldwide through shortened time from diagnosis to treatment. She coined the term post-Lyme syndrome (PLS), now widely used, and was also the first to report re-infections following treatment for Lyme disease.



Danuta Bujak, PhD

► **Erin Hager, PhD**, and **Kristen Hurley, PhD**, both assistant professors, Department of Pediatrics, received awards from the NIH Loan Repayment Program for projects conducted in the field of pediatrics. Dr. Hager's project was "Measuring and Evaluating Influences on Obesity and Physical Activity Among Low-Income Families." Dr. Hurley's project was "Maternal Mental Health and Child Nutrition."

► **Jon Mark Hirshon, MD, MPH, PhD, FACEP**, associate professor, Department of Emergency Medicine, was recently awarded a Doctor of Philosophy from the Department of Epidemiology & Public Health at the University of Maryland School of Medicine. Dr. Hirshon's dissertation was titled "What Causes Diarrhea in the United States? Risk Factors for and Causes of Diarrhea in Selected Jurisdictions in the United States." This grant-funded work explored causes of diarrhea among outpatients in selected emergency departments and has resulted in four publications to date, including an article in the October issue of *Emerging Infectious Diseases* entitled "Clostridium difficile Infection in Outpatients, Maryland and Connecticut, USA, 2002–2007," which was highlighted in a podcast by the journal.



PUBLICATIONS

Hats off to those who have been published!

► **Karen Aquino, MD**, EEG/Epilepsy fellow, Department of Neurology, published “Clinical Reasoning: An 83-year-old Woman with Progressive Hemiataxia, Tremor, and Infratentorial Lesions” in *Neurology* 2011;77:e7-e10.



Amber Beitelshes,
PharmD, MPH

► **Amber Beitelshes, PharmD, MPH**, assistant professor, Department of Medicine, published an article entitled “Evolving Research and Stakeholder Perspectives on Pharmacogenomics” in the September 21, 2011 issue of *JAMA*, 306(11):1252-3. She also published “Chromosome 9p21 Haplotypes and Prognosis in Caucasian and African-American Patients with Coronary Artery Disease” in *Circulation Cardiovascular Genetics*, 2011, Apr;4(2):169-78.

► **Maureen Black, PhD**, the John A. Scholl, MD, and Mary Louise Scholl, MD, Professor, Department of Pediatrics, co-authored “African-American Adolescent Mothers’ Early Caregiving Involvement and Children’s Behavior and Academic Performance at Age 7” in *Journal of Clinical Child and Adolescent Psychology*, 2011; 40, 756-764. Dr. Black; **Kristen Hurley, PhD**, assistant professor; and **Stacy Howes, PhD**, postdoctoral fellow, both also from the Department of Pediatrics, co-authored “Trajectories of Adolescent Mother-Grandmother Psychological Conflict During Early Parenting and Children’s Problem Behaviors at Age 7” in *Journal of Clinical Child and Adolescent Psychology*, 2011; 40(3):445-455. Drs. Black and Hurley also co-authored “Maternal Depression and Early Childhood Growth in Developing Countries: A Systematic Review and Meta-analysis” in *Bulletin of the World Health Organization*, 2011; 89, 608-615. Additionally, Dr. Black was an author on “Housing Insecurity and the Health of Very Young Children” in the *American Journal of Public Health*, 2011; 101(8):1508-14; and—with colleagues from the Global Child Development Group—published a two-part series in *The Lancet* on October 8, 2011 on global child development. The first paper reviewed evidence on risks and protective factors in early child development, and the second examined the effectiveness of early child development intervention programs in low-income and middle-income countries. A launch for the series was hosted by The World Bank in Washington, DC, on September 26, 2011, with Dr. Black serving as moderator.

► **John Cole, MD, MS**, associate professor, Department of Neurology, co-authored the journal article, “Stroke Genetics Update: 2011” in *Current Cardiovascular Risk Reports*, published online on September 20, 2011.



Cynthia Drachenberg, MD

► **Cynthia Drachenberg, MD**, professor, and **John Papadimitriou, MD, PhD**, professor, both from the Department of Pathology; **Stephen Bartlett, MD**, the Peter Angelos Distinguished Professor, and **Jonathan Bromberg, MD, PhD**, professor, both from the Department of Surgery; and **Abdolreza Haririan, MD, MPH**, associate professor, and **David Klassen, MD**, professor, both from the Department of Medicine, lead a multidisciplinary international panel from 25 centers in the development of “Guidelines for the Diagnosis of Antibody Mediated Rejection in Pancreas Allografts,” which was recently published in the *American Journal of Transplantation*.

► **Linda Lund, PhD**, research associate, Department of Biochemistry & Molecular Biology; and **Yinghua Zhang, MD, PhD**, research associate; **Mary Russell, PhD**, adjunct assistant professor; **Robert Bloch, PhD**, professor; and **Meredith Bond, PhD**, former professor and chair, all from the Department of Physiology, had their journal article “Synemin Isoforms Differentially Organize Cell Junctions and Desmin Filaments in Neonatal Cardiomyocytes,” published online ahead of print in *FASEB Journal* on Oct. 7, 2011.

► **Kirsten Lyke, MD**, associate professor; **Christopher Plowe, MD, MPH**, professor; and **Robert Edelman, MD**, clinical professor, all from the Department of Medicine and Center for Vaccine Development, and **Matthew Laurens, MD, MPH**, assistant professor, Department of Pediatrics and Center for Vaccine Development, co-published an article entitled “Live Attenuated Malaria Vaccine Designed to Protect Through Hepatic CD8+ T Cell Immu-



John Cole, MD, MS



Kirsten Lyke, MD

PUBLICATIONS *continued*

nity” in *Science*. The article was e-published ahead of print on September 8, 2011. Drs. Plowe, Laurens and Lyke, along with **Shannon Takala-Harrison, PhD**, assistant professor; **Yukun Wu, PhD**, research associate; and **William Blackwelder, PhD**, professor, all from the Department of Medicine and Center for Vaccine Development, co-published an article entitled “A Field Trial to Assess a Blood-Stage Malaria Vaccine” in the *New England Journal of Medicine* 365, September 15, 2011 edition. Dr. Plowe also published a perspective article entitled “The Threat of Artemisinin-Resistant Malaria” in the *New England Journal of Medicine* 365, September 22, 2011 edition.

► **Richard Mayer, MD**, professor emeritus, Department of Neurology, wrote chapter 10 of the book *The Cradle of American Neurology: The Harvard Neurological Unit at the Boston City Hospital*, published by Hollis Publishing, Inc., in June 2011.



Michael Miller, MD

► **Michael Miller, MD**, professor, Departments of Medicine and Epidemiology & Public Health, served as Chair for the writing committee of the statement entitled: “Triglycerides and Cardiovascular Disease: A Scientific Statement from the American Heart Association” in *Circulation*, 2011, May 24;123(20):2292-333. Prior research conducted at the University of Maryland School of Medicine contributed to the updated classification, which now defines optimal triglyceride levels as less than 100 mg/dL.

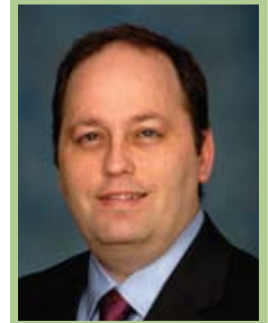


Ayse Mindikoglu, MD, MPH

► **Ayse Mindikoglu, MD, MPH**, assistant professor; **Jean-Pierre Raufman, MD**, professor; **Charles Howell, MD**, professor; and **Stephen Seliger, MD, MS**, assistant professor, all from the Department of Medicine, and **Laurence Magder, PhD, MPH**, professor, Department of Epidemiology & Public Health, co-published “Simultaneous Liver-Kidney Versus Liver Transplantation Alone in Patients with End-Stage Liver Disease and Kidney Dysfunction Not on Dialysis” in *Transplantation Proceedings* 2011; 43: 2669-2677. Drs. Mindikoglu and Magder also co-published “Valproic Acid-Associated Acute Liver Failure in Children: Case Report and Analysis of Liver Transplantation Outcomes in the United States” in the *Journal of Pediatrics* 2011;158: 802-7.

► **Kamal Moudgil, MD, PhD**, professor, Department of Microbiology & Immunology, co-published an article entitled “Peptides Targeting Inflamed Synovial Vasculature Attenuate Autoimmune Arthritis” in *Proceedings of the National Academy of Sciences USA*, 2011, Aug 2;108(31):12857-62.

► **Garry Myers, PhD**, assistant professor, Department of Microbiology & Immunology and the Institute for Genome Sciences, was corresponding and joint senior author on an article entitled “Unity in Variety: The Pan-Genome of the *Chlamydiae*” in *Molecular Biology and Evolution*. He was also senior author on “Genome Sequences of the Zoonotic Pathogens *Chlamydia psittaci* 6BC and Cal10,” published in the *Journal of Bacteriology*, 2011;193:4039–4040, and was senior author on “Genome Sequence of the Obligate Intracellular Animal Pathogen *Chlamydia pecorum* E58,” published in the *Journal of Bacteriology*, 2011;193:3690.



Garry Myers, PhD

► **Michael Quon, MD, PhD**, professor, Department of Medicine, co-published an article entitled “Comparison Between Surrogate Indexes of Insulin Sensitivity/Resistance and Hyperinsulinemic Euglycemic Glucose Clamps in Rhesus Monkeys” in *Endocrinology*, 2011;152(2):414-23.

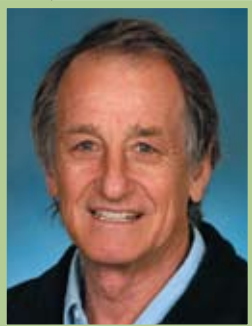


Michael Quon, MD, PhD

► **Jean-Pierre Raufman, MD**, professor, Department of Medicine, co-published an article entitled “In Vivo Magnetic Resonance Imaging to Detect Biliary Excretion of 19F-Labeled Drug in Mice” in *Drug Metabolism and Disposition*, 2011;39:736-739. He also published “Muscarinic Receptor Subtype-3 Gene Ablation and Scopolamine Butylbromide Treatment Attenuate Small Intestinal Neoplasia in *Apcmin/+* Mice” in *Carcinogenesis*, 2011;32:1396-1402.

► **Stephen Reich, MD**, professor, and **William Weiner, MD**, professor and chair, both from the Department of Neurology, co-authored “Group Visits for Parkinson Disease—The Doctor Will See You Now” in *Neurology*, 2011;76:1538-1539. Dr. Weiner also co-authored with Bradley Robottom, MD, former assistant professor, Department of Neurology, “Movement Disorders Emergencies Part 1—Hypokinetic Disorders” in *Archives of Neurology*, 2011 May;68(5):567-72. Additionally, Dr. Reich authored a letter to the editor entitled “Quality Improvement in Neurology: AAN Parkinson Disease Quality Measures,” published in *Neurology*, 2011, July 26;77(4):406.

PUBLICATIONS *continued*



Frank Robb, PhD

► **Frank Robb, PhD**, professor, Department of Microbiology & Immunology and the Institute of Marine and Environmental Technology (IMET), and **Haibin Luo, PhD**, and **Peipei Zhang, MS**, also from IMET, co-published “Oligomerization of an Archaeal Group 1 II Chaperonin is Mediated by N-terminal Salt Bridges” in *Biochemical and Biophysical Research Communications*, 2011, Sep 23;413(2):389-94.

► **Peter Rock, MD, MBA**, was a co-author on “Enteral Omega-3 Fatty Acid, γ -Linolenic Acid, and Antioxidant Supplementation in Acute Lung Injury,” published in *JAMA*, 2011;306(14):1574-1581.

► **Horea Rus, MD PhD**, associate professor; **Susan Judge, PhD**, associate professor; and **Cosmin Tegla** post-doctoral fellow, all from the Department of Neurology, along with **Violeta Rus, MD, PhD**, associate professor, Department of Medicine, published “C5b-9-Activated, K(v)1.3 Channels Mediate Oligodendrocyte Cell Cycle Activation and Dedifferentiation” in *Experimental and Molecular Pathology*, 2011;91:335-345.

► **Kevin Sheth, MD**, assistant professor, Department of Neurology, published “Prognosis in Intracerebral Hemorrhage” in *Review of Neurological Diseases*, 2011; 8(1-2):23-29. He also was a co-author on “Brief Episodes of Intracranial Hypertension and Cerebral Hypoperfusion are Associated with Poor Functional Outcome After Severe Traumatic Brain Injury” in the *Journal of Trauma*, 2011;71(2): 364-74; reviewed the article “The Practice of Emergency and Critical Care Neurology” in *Neurology*, 2011, Aug 2;77; and co-authored “Auto-Resuscitation Following Asystole in Patients Being Considered for Organ Donation” in *Critical Care Medicine*, 2011, Sep 15. [Epub ahead of print]. Co-authors for that paper included **Deborah Stein, MD, MPH**, associate professor, and **Thomas Scalea, MD**, the Francis X. Kelly Professor of Trauma Surgery, who are both from the Department of Surgery.

► **Robert Shin, MD**, associate professor, Department of Neurology co-authored “Teaching NeuroImages:



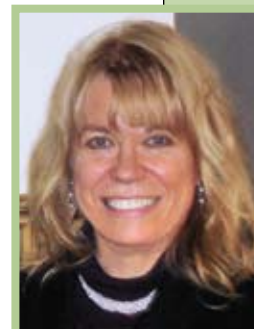
Robert Shin, MD

Positive Apraclonidine Test in Horner Syndrome” in *Neurology*, 2011, May 17;76(20):e100.

► **Alan Shuldiner, MD**, the John L. Whitehurst Endowed Professor of Medicine and associate dean for Personalized and Genomic Medicine, co-authored an article entitled, “Cardiovascular Pharmacogenomics,” in *Circulation Research* 109, 2011 Sept 16;109(7):807-20. He also co-authored an article entitled, “Pharmacogenomics: Application to the Management of Cardiovascular Disease,” in *Clinical Pharmacology & Therapeutics*, 2011;90(4):519-531; co-authored, as part of the International Consortium for Blood Pressure Genomic-Wide Association Studies, a letter entitled “Genetic Variants in Novel Pathways Influence Blood Pressure and Cardiovascular Disease Risk” in *Nature Genetics*, 2011, Oct 6;478:103-109; co-authored “Paraoxonase 1 (PON1) Gene Variants Are Not Associated With Clopidogrel Response,” in *Clinical Pharmacology & Therapeutics*, 2011;90(4):568-574; co-authored, as part of the Diabetes Prevention Program (DPP) Research Group, the article “Menopause and Risk of Diabetes,” in *Menopause*, 2011 Aug;18(8):857-68; co-authored, as part of the Clinical Pharmacogenetics Implementation Consortium, “Clinical Pharmacogenetics Implementation Consortium Guidelines for Cytochrome P450-2C19 (CYP2C19) Genotype and Clopidogrel Therapy” in *Clinical Pharmacology & Therapeutics*, 2011 Aug;90(2):328-32; and co-authored an article, as part of the Diabetes Prevention Program (DPP) Research Group, entitled “TCF7L2 Polymorphism, Weight Loss and Proinsulin Insulin Ratio in the Diabetes Prevention Program” in *PLoS One* 2011;6(7):e21518. Epub 2011, Jul 26.

► **Lydia Temoshok, PhD**, adjunct professor, Department of Medicine, published an invited article entitled “HIV-AIDS: Biobehavioral HIV Research and HIV Behavioral Research” in *The Oxford Handbook of Health Psychology*, edited by Howard S. Friedman, Oxford University Press, 2011, pp. 560-590.

► **Lindsay Zilliox, MD**, assistant professor, and **James Russell, MD, MS, FRCP, FACP**, professor, both from the Department of Neurology, co-authored with outside authors “Assessing Autonomic Dysfunction in Early Diabetic Neuropathy—The Survey of Autonomic Symptoms,” which was published in *Neurology*, 2011;76(12):1099-1105. Dr. Russell also co-authored with outside authors “Evidence-Based Guideline: Treatment of Painful Diabetic Neuropathy,” published in *Neurology*, 2011;76(20):1758-1765.



Lydia Temoshok, PhD

NEW FACULTY



Dina El-Metwally, MB,
BCh



Seema Patil, MD



Phat Pham, MD

We welcome our new faculty!

► **Dina El-Metwally, MB, BCh**, assistant professor, Department of Pediatrics, has joined the Division of Neonatology. Dr. El-Metwally received her Bachelor of Medicine and Surgery, Master in Pediatrics, and PhD in Pediatrics from Suez Canal University in Egypt. She completed her residency in pediatrics, followed by two fellowships in perinatal-neonatal medicine and postgraduate training in the Neonatal Resuscitation Program (NRP). Dr. El-Metwally is also one of only 16 candidates worldwide to receive a scholarship to join the Fellowship for Medical Education (FAIMER) program by the Educational Commission for Foreign Medical Graduates. Dr. El-Metwally's duties will include service as an attending physician in the NICU; teaching medical students, residents and fellows; and continuing her research.

► **Seema Patil, MD**, joined the Department of Medicine, Division of Gastroenterology & Hepatology, in August as an assistant professor. Previously, Dr. Patil was a Gastroenterology Fellow in the same division. Dr. Patil received her MD from the University of Maryland School of Medicine in 2005 and did her residency in the Department of Medicine at the Beth Israel Deaconess Medical Center at Harvard University School of Medicine. Dr. Patil's clinical and research interests will focus on general gastroenterology and inflammatory bowel diseases.

► **Phat Pham, MD**, assistant professor, Department of Pediatrics, has joined the division of Pediatric Cardiology from Swedish Pediatric Specialty, Swedish Medical Center, Seattle, Washington. Dr. Pham received his MD at the University of Washington and did a pediatric residency at the University of Minnesota. He completed a fellowship in pediatric cardiology at Oregon Health Science University, and followed that with a fellowship in pediatric interventional cardiology at the University of California, San Francisco. Dr. Pham's responsibilities will include serving as an attending physician in the Pediatric Heart Program, directing undergraduate education in the Pediatric Heart Program, work-

ing with medical and pre-medical students, and working with house staff, nurses, and others.

► **Darryn Potosky, MD**, joined the Department of Medicine as an assistant professor in the Division of Gastroenterology & Hepatology in July. Previously, Dr. Potosky was a Gastroenterology Fellow in the same division. Dr. Potosky received his MD from the University of Maryland School of Medicine in 2003 and completed residency and chief residency in the Department of Medicine at the University of Maryland Medical Center. Dr. Potosky's clinical interests focus on general hepatology and liver transplantation.

► **Alpa Vashist, MD**, assistant professor, Department of Pediatrics, joined the division of Pediatric Neurology from the St. Louis University School of Medicine, where she was an assistant professor in the Department of Pediatrics and director of the school's Child Neurology Residency program. Dr. Vashist's expertise is in pediatric epilepsy.



Darryn Potosky, MD

IN THE NEWS



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

► **Steven Kittner, MD**, professor, Department of Neurology, and director, Maryland Stroke Center, was quoted in the article "Stroke: Is Your Family To Blame?—Research Summary," on the Neurological Disorders Channel, which was indexed on Aug 8, 2011 at <http://umm.gd/plQUSj>.

► **James Russell, MD, MS, FRCP, FACP**, professor, Department of Neurology, was quoted in the article "Living With Diabetic Neuropathy" in *Diabetes Forecast*, October 2011.

► **Lydia Temoshok, PhD**, adjunct professor, Department of Medicine, was featured as one of 12 international scientists in the field of psychoneuroimmunology in the just released documentary film, *Surviving Cancer: The Old and New Medicine*, written and directed by Edivia Navarro Bueno (Transformar-T Studio, Madrid, Spain, 2011). Dr. Temoshok was interviewed about her research on Type C coping, cancer progression and signaling mechanisms.

EVENTS, LECTURES

& WORKSHOPS



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



Jonathan Bromberg,
MD, PhD

► **Jonathan Bromberg, MD, PhD**, professor, Department of Surgery, presented “Clinical Immunosuppression and Drug Monitoring” at the American Society of Transplant Surgeons’ 5th Annual Surgical Fellows Symposium in September 2011.

► **Kenneth Butler, DO**, associate professor, Department of Emergency Medicine, presented a lecture titled “Current Devices in Airway Management” at the 6th Mediterranean Emergency Medicine Congress, held September 10–14, 2011 in Kos, Greece. **Terrence Mulligan, DO, MPH**, assistant professor, Department of Emergency Medicine, was a member of the organizing committee for the international conference and a chairman of the administrative and education tracks of the program.

► **John Cole, MD, MS**, associate professor; **Marcella Wozniak, MD**, associate professor; **Barney Stern, MD**, professor; and **Steven Kittner, MD**, professor, presented “Ischemic Stroke Exome Pilot Study” with outside colleagues at the 136th Annual Meeting of the American Neurological Association, held September 2011 at the Manchester Grand Hyatt, San Diego, CA. At the same conference, **Stephen Reich, MD**, professor, presented “Association of PSP with Chemical Occupational Exposure Factors,” with outside colleagues; **Robert Shin, MD**,

associate professor, and **Anna Rosenbaum, MD, PGY3**, presented “A Case of Magnesium-Responsive Paraneoplastic Non-Convulsive Status Epilepticus; and Dr. Stern and **Kevin Sheth, MD**, assistant professor, presented “Imaging Biomarkers of Cerebral Edema in Malignant Infarction.” All the above-mentioned faculty are in the Department of Neurology.

► **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research and Vice-Chair for Research, Department of Anesthesiology, presented a lecture titled “Prolonged Hypoxia During Aeromedical Evacuation and the Effects on Traumatic



Barney Stern, MD



Gary Fiskum, PhD

Brain Injury” at the U.S. Air Force Medical Research Symposium in Virginia in August 2011. Dr. Fiskum also presented “Animal Model of Mild Brain Injury Caused by Blast-induced Hyper-acceleration Relevant to IED-targeted Military Vehicles” at a NATO symposium in Halifax, Canada in October 2011.

► **Miriam Laufer, MD, MPH**, assistant professor, Department of Pediatrics and Center for Vaccine Development, presented an invited talk, “Malaria Control and Eradication: Current Tolls and Future Prospects,” at the Annual Global Health Symposium at the Children’s Hospital of Philadelphia on September 16, 2011. The symposium theme was “Highlighting Effective Interventions: Targeting Newborn and Child Mortality.”

► **Kamal Moudgil, MD, PhD**, professor, Department of Microbiology & Immunology, presented “Antibodies to Heat-shock Protein 65 Afford Protection Against Autoimmune Arthritis” at the 2011 Fifth International Congress on Stress Responses in Biology and Medicine in Quebec, Canada.

► **Garry Myers, PhD**, assistant professor, Department of Microbiology & Immunology and the Institute for Genome Sciences, presented “Genotypic Diversity of the Chlamydial Intracellular Population” at the 5th Annual Meeting of the Basic Chlamydia Research Society in Redondo Beach, California. He was also an Invited Speaker at the 2011 Annual Meeting of the Australian Society for Microbiology, held in Hobart Australia, presenting “Simultaneous Transcriptional Profiling of Obligate Intracellular Pathogens and their Host Cells.”

► **Geoffrey Rosenthal, MD, PhD**, professor, Department of Pediatrics, was among a group of national experts invited to speak at a congressional briefing on Capitol Hill on September 19, 2011. Dr. Rosenthal briefed members of Congress on the widespread impact of congenital heart defects and emphasized the importance of having federal and state programs work together to support research, surveillance, screening, prevention, and other future initiatives aimed at improving the lives of children and adults born with congenital heart defects. Dr. Rosenthal also chaired the Pediatric Advisory Committee of the FDA, which met to discuss pediatric-focused safety reviews, as man-



Miriam Laufer, MD, MPH



Geoffrey Rosenthal, MD,
PhD

EVENTS, LECTURES & WORKSHOPS *continued*



Wendy Sanders, MA

dated by the Best Pharmaceuticals for Children Act and the Pediatric Research Equity Act. The committee also discussed the safety of—and profit-making waiver for—the pediatric humanitarian device Melody Transcatheter Pulmonary Valve and Ensemble Delivery System, as mandated by the Food and Drug Administration Amendments Act, Title III, Pediatric Medical Device Safety and Improvement Act of 2007. The meetings took place between September 22–23, 2011.

► **Wendy Sanders, MA**, assistant dean, Research Career Development Office, gave a workshop on “Writing an NIH Grant Application” for the annual AAMC Conference for Minority Faculty on September 18, 2011.

IN MEMORIAM

► **Duane Sewell, MD**, associate professor, Department of Otorhinolaryngology-Head & Neck Surgery, passed away on November 27, 2011 following a battle with gastric cancer. *See story on page 3.*

APPOINTMENTS



We applaud our colleagues on their recent appointments!

► **John Cole, MD, MS**, associate professor, Department of Neurology, was inducted into the ANA (American Neurological Association) at the 2011 Annual Meeting in San Diego in September 2011.

► **Jennifer Hopp, MD**, assistant professor, Department of Neurology, was recently selected by the American Epilepsy Society's Student and Resident Education Committee to serve a three-year term.

► **Patricia Shearer, MD**, professor, Department of Pediatrics, received a five-year appointment to the Pediatric Subcommittee of the Oncology Drug Development Advisory Committee (ODAC) of the Food and Drug Administration. Dr. Shearer was appointed because of her expertise as both an audiologist and pediatric oncologist and her history as the co-chair of the Late Effects Auditory Hearing Task Force of the Children's Oncology Group.

► **Kevin Sheth, MD**, assistant professor, Department of Neurology, was selected to serve on the Neuro-Critical Care Society's Ethics Committee, as well as its Research Network Committee.



Jennifer Hopp, MD

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: Connie Ward

Pharmacology & Experimental Therapeutics: Anne Nourse

Physical Therapy & Rehabilitation Science: Krista Nazelrod

Physiology: Ken Fahnstock

Psychiatry: Vee Porter-Brown

Radiation Oncology: Jill Rosenberg

Surgery: Meghan Scalea

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:
Shawnell Stokes

Center for Vascular & Inflammatory Diseases: Talia Bailey

Institute for Autoimmunity and Inflammation: Susie Flaherty

Institute for Genome Sciences:
Renée Nathaniel

Institute of Human Virology:
Nora Grannell

MD/PhD Program: Jane Bacon

Office of Admissions: Mickey Foxwell

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Office of Research Career Development: Stacie Small Mendoza

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