



# What's the buzz?

A self-reported addition to SOMnews for the School of Medicine community to share their successes.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

SOMnews

NOVEMBER 2008 VOL.10 No.3

## APPOINTMENTS



*We applaud our colleagues on their recent appointments!*

► **Miriam Blitzer, PhD, FACMG**, professor, Department of Pediatrics, was elected president-elect of the Association of Professors of Human and Medical Genetics. Dr. Blitzer's term began July 2008 and will run until 2010, at which time she will assume the presidency for a two-year term.



Miriam Blitzer, PhD, FACMG

► **David K. Klassen, MD**, professor, Department of Medicine, has been named chair of the Medical Advisory Board for the National Kidney Foundation of Maryland. The foundation is dedicated to preventing kidney and urinary tract diseases, improving the health and well-being of individuals and families affected by these diseases and increasing the availability of all organs for transplantation.



David K. Klassen, MD

► **Erik P. Lillehoj, PhD**, assistant professor, Department of Pediatrics and Mucosal Biology Research Center, was promoted to associate professor, effective July 1, 2008.

► **Mandeep Mehra, MBBS**, professor, Department of Medicine, was appointed president for the 2008 to 2009 term of the International Society for Heart and Lung Transplantation, the premier society that



Mandeep Mehra, MBBS

focuses on basic and clinical science of the failing heart and advanced lung disease.

► **Eli Perencevich, MD, MS**, associate professor, Department of Epidemiology & Preventive Medicine, was named a Fellow in the Infectious Diseases Society of America (IDSA). Fellowship in the IDSA honors individuals who have achieved professional excellence and provided significant service to the profession.



► **Alice Ryan, PhD**, associate professor, Department of Medicine, was promoted to professor, effective July 2008.

Alice Ryan, PhD

► **Terez Shea-Donohue, PhD**, professor, Departments of Medicine and Physiology and the Mucosal Biology Research Center, became a member of the National Institute of Allergy and Infectious Diseases ZAI1-TP-M1 Review Committee in May 2008. Additionally, Dr. Shea-Donohue was appointed as a temporary member of the National Institute of Diabetes and Digestive and Kidney Diseases Clinical and Integrative Gastrointestinal Pathobiology Study Section in June 2008.



Terez Shea-Donohue, PhD

► **Eric Slade, PhD**, associate professor, Department of Psychiatry, was appointed as a standing member to the National Institute of Mental Health's Mental Health Services in Non-Specialty Setting review committee.

## HONORS

## & AWARDS



*Congratulations to the following who have received honors!*

► **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, was awarded the title of “Magister Insignis” by the La Nuova Scuola Medica Salernitana (New Medical School Salernitana) in Salerno, Italy. He is only the fourth recipient to receive such an honor.



Richard Lichenstein, MD

► **Richard Lichenstein, MD**, associate professor, **Murray Kappelman, MD**, clinical professor, both from the Department of Pediatrics, and **J. Laurence Hill**, professor emeritus, Department of Surgery, were honored at the Maryland Chapter of the American Academy of Pediatrics Awards Dinner in June 2008 for their contributions to Maryland children. Dr. Lichenstein was also awarded 2007 Pediatrician of the Year.

► **Stephen B. Liggett, MD**, professor, Departments of Medicine and Physiology, received the

Excellence in Science Award from Thomas Jefferson University at the 4th Annual Center for Translational Medicine Symposium on June 5, 2008. Dr. Liggett presented “Pathway-driven Pharmacogenomics in Heart Failure: Mechanisms and Application to Treatment” at the symposium, after accepting his award.



Stephen B. Liggett, MD



E. Albert Reece, MD, PhD, MBA

**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, received the New York University School of Medicine Alumni Leadership Award at its annual Alumni Brunch in September 2008.

► **Jessica Shiu, MD/PhD student**, who is in her second year of medical school, was awarded a student research award from the Foundation for Digestive Health and Nutrition/Foundation for the American Gastroenterological Association for her project entitled “Th2 Regulation of Macrophage Receptor Expression.” The award provided a stipend for Ms. Shiu to spend last summer conducting research in the lab of her mentor, **Terez Shea-Donohue, PhD**, professor, Departments of Medicine and Pediatrics.

The following joint programs between the **University of Maryland School of Medicine** and **University of Maryland Medical Center** were ranked in *U.S. News & World Reports* “Best Hospitals 2008”:

- Kidney Disease–26th
- Urology–32nd
- Ear, Nose & Throat–34th
- Cancer–48th
- Heart–49th



UNIVERSITY OF MARYLAND  
SCHOOL OF MEDICINE

## GRANTS &

## CONTRACTS



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



Sergei Atamas, MD, PhD

► **Sergei Atamas, MD, PhD**, associate professor, Department of Medicine, received \$224,000 from the Maryland Stem Cell Research Fund for his project “Bone and Tendon Healing Mechanisms of Mesenchymal Stem Cells and Hematopoietic Progenitors Derived from Human Adult Bone Marrow.”

► **Abdu F. Azad, PhD**, professor, Department of Microbiology & Immunology, received a \$2.8 million competitive renewal of his R01

grant for years 25 through 29 from the National Institute of Allergy and Infectious Diseases for his work entitled “Murine Typhus: Vector Biology and Transmission.”

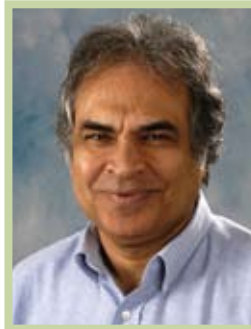


Alan Cross, MD

► **Subhendu Basu, PhD**, research associate, Department of Medicine, and **Alan Cross, MD**, professor, Department of Medicine and Center for Vaccine Development, received a one-year \$100,000 Maryland Industrial Partnerships award, in collaboration with Pharmathene, Inc., for “Mechanism of Action Studies for Valortim III.” Their project aims to evaluate the mechanism by which Valortim

enhances the ability of human dendritic cells (HDCs) to kill BA spores as well as assess its ability to inhibit anthrax toxins and to alter the intracellular localization of BA spore in HDCs.

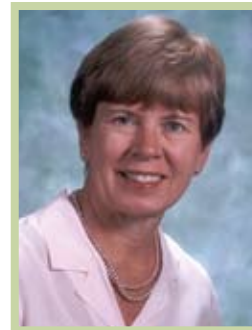
► **Brian Berman, MD**, professor, Department of Family & Community Medicine, and director, Center



Abdu F. Azad, PhD



Brian Berman, MD



Maureen Black, PhD

for Integrative Medicine, and **Bonnie Tarantino, MFA**, yoga program director, Center for Integrative Medicine, received a three-year \$225,000 award from the Mittelman Family Foundation in support of the Healing Pathways Program at the Center for Integrative Medicine. The program will develop customized integrative healing programs for health care professionals interested in providing mind/body therapies, such as meditation, visualization, acupuncture and sound healing, to the bedside of hospital patients.

► **Maureen Black, PhD**, John A. Scholl, MD, and Mary Louise Scholl, MD, Professor of Pediatrics, **Soren Snitker, MD, PhD**, assistant professor, Department of Medicine, and **Laurence Magder, PhD**, associate professor, Department of Epidemiology & Preventive Medicine, received a

five-year \$2.9 million R01 grant from the National Institutes of Health for their work “Challenge in Schools—Adolescent Overweight Prevention.” They plan to implement and evaluate a multi-level after-school program to prevent obesity among seventh grade girls in Baltimore City Public Schools.

► **William T. Carpenter, Jr., MD**, professor, Departments of Psychiatry and Pharmacology & Experimental Therapeutics and Program in Neuroscience, was one of 15 scientists awarded a 2008 Distinguished Investigator Award from NARSAD, the world’s leading charity dedicated to funding research on psychiatric disorders. NARSAD will



Soren Snitker, MD, PhD



Laurence Magder, PhD



William T. Carpenter, Jr., MD

## GRANTS & CONTRACTS *continued*

provide Dr. Carpenter \$100,000 for one year to advance his research on new drugs for schizophrenia. This highly competitive grant program is designed for investigators of brain and psychiatric disorders who have established themselves as leaders in their fields. NARSAD's 2008 Distinguished Investigator Award recipients are involved in a wide variety of vital research projects, ranging from the genetics of mental illness to innovative brain imaging studies.



Jean K. Carr, PhD, MPH, MA

► **Jean K. Carr, PhD, MPH, MA**, associate professor, Department of Medicine and Institute of Human Virology, received a two-year \$412,500 grant from the National Institute of Allergy and Infectious Diseases for her work entitled "HIV-1 Subtype B Transmission in a Heterosexual Incident Cohort."

► **Kevin W. Chen, PhD, MPH**, associate professor, Department of Family & Community Medicine and Center for Integrative Medicine,

received a \$75,000 seed grant for 2008 to 2009 from the University of Maryland, Baltimore/University of Maryland College Park Seed Grant Program to conduct a behavior and integrative therapy development study on adding integrative meditation in the outpatient treatment of cocaine addiction.



Kevin W. Chen, PhD, MPH

► **Raymond Cross, MD, MS**, assistant professor, Department of Medicine, was awarded \$138,515 for a second year of funding from the Broad Medical Research Program for his work entitled "The Home Telemanagement Trail in Patients with Ulcerative Colitis."

► **Steven J. Czinn, MD**, professor and chair, Department of Pediatrics, received a four-year \$1.6 million grant from the National Institute of Diabetes and Digestive and Kidney Diseases for his work entitled "Mucosal Immunology of Helicobacter Induced Gastritis."



Raymond Cross, MD, MS



Carrie Dorsey, MD, MPH

► **Carrie Dorsey, MD, MPH**, assistant professor, Department of Medicine, received a two-year \$812,000 grant from the Department of Homeland Security for her work entitled "Designing a Health, Wellness & Fitness Web-Based Minimum Data Set for the Fire Service."

► **Howard Dubowitz, MBChB**, professor, Department of Pediatrics, was awarded a \$324,000 grant from the Doris Duke Charitable Foundation

to continue a study on the prevention of child abuse and neglect.

► **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, received a three-year \$175,000 R01 research grant from the National Institute of Allergy and Infectious Diseases for his work entitled "VSL for Asthma." Additionally, Dr. Fasano received a two-year 150,000 grant from the National Institutes of Health for his work entitled "Timing of Gluten Intake in Infant Nutrition and Risk of Celiac Disease Autoimmunity" and a four-year \$121,500 National Institutes of Health award for "Zot, Zonulin, and Pathophysiology of Intestinal Tight Junctions."



Howard Dubowitz, MBChB



Joyce Frye, DO, MBA, MSCE

► **Joyce Frye, DO, MBA, MSCE**, clinical assistant professor, Departments of Family & Community Medicine and Obstetrics, Gynecology & Reproductive Sciences and Center for Integrative Medicine, received a three-year \$323,686 Award for Academic Support from Boiron, USA and Standard Homeopathic to establish a Homeopathic Research Initiative at the University of Maryland School of Medicine's Center for Integrative Medicine.

► **Joscelyn E. Fisher, PhD**, post-doctoral fellow, Department of Psychiatry, received a two-year \$59,958

GRANTS & CONTRACTS *continued*

2008 Young Investigator Award grant from NARSAD, the world's leading charity dedicated to mental health research, for her work entitled "Semantic Processing in Schizophrenia: Symptoms & Memory."

► **Simeon E. Goldblum, MD**, professor, Departments of Medicine and Pathology, and associate director for Basic Research in the Mucosal Biology Research Center, received a five-year \$250,000 grant from the National Institutes of Health for his work entitled "Endotoxin/TLR4 Signaling Regulates Lung Endothelial Paracellular Pathway."

► **Kendall Hall, MD**, assistant professor, Department of Emergency Medicine, received a three-year \$876,347 grant from the Agency for Healthcare Research and Quality for her work entitled "Safety Advancement in Emergency Departments (SAVED)." Previous work conducted by Dr. Hall and her colleagues suggests that the greatest risks to patient safety in emergency departments are gaps in patient care that occur as a result of failures in communication and coordination of standard processes, such as laboratory studies and medication delivery. This project aims to develop, implement and evaluate a tool to improve these processes so that gaps in care are reduced.



Julie Hotopp, PhD

► **Julie Hotopp, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, received a two-year \$313,498 National Science Foundation sequence grant for her work entitled "Genome Sequence of Wolbachia/Drosophila Lateral Gene Transfer."

► **James King, MD**, professor, Department of Pediatrics, received a one-year \$200,000 investigator-initiated grant from MedImmune, Inc.

for his work entitled "Impact of a Statewide Influenza Immunization Program of Elementary School Children." The initiative began in August 2008.



James King, MD



Sandeep Khurana, MBBS

► **Sandeep Khurana, MBBS**, assistant professor, Department of Medicine, received a five-year \$670,000 K08 award from the National Institute of Diabetes and Digestive and Kidney Diseases entitled "Mechanisms of Vascular Dysfunction in Cirrhosis."

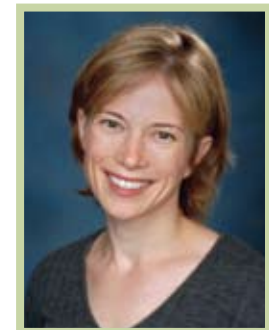
► **Janet Lam, MD**, assistant professor, Department of Pediatrics, was awarded a four-year \$629,480 K12 Multidisciplinary Clinical Research Career Development grant for her project "Napping on Early Childhood Development."

► **Miriam Laufer, MD, MPH**, assistant professor,

Department of Pediatrics and Center for Vaccine Development, was awarded a one-year \$231,000 National Institutes of Health Clinical Trial Planning Grant (R34) to develop a study entitled "A Randomized, Controlled Clinical Trial of Chloroquine as Chemoprophylaxis Versus Intermittent Preventive Therapy to Prevent Malaria in Pregnancy in Malawi."

► **Linda Lewin, MD**, clinical associate professor, Department of Pediatrics, received a \$206,193 grant renewal for year two of her three-year Pre-doctoral Training in Primary Care grant from the U.S. Department of Health & Human Services' Health Resources and Services Administration.

► **Kirsten Lyke, MD**, assistant professor, Department of Medicine and Center for Vaccine Development, received a four-year \$1.1 million R01 grant from the National Institute of Allergy and Infectious Diseases to study the immunological interactions between malaria and schistosomiasis in children in Mali. Her project is entitled "Immunologic Determinants of Schistosoma-mediated Resistance to Malaria in Humans."



Miriam Laufer, MD, MPH



Kirsten Lyke, MD

## GRANTS & CONTRACTS *continued*

► **Mary McKenna, PhD**, associate professor, Department of Pediatrics, was awarded a \$53,000 grant from the FRAXA Research Foundation for her work “Effect of MPEP on Neuronal and Glial Cell Specific Glutamate Metabolism in Fragile X Mouse Brain.”

► **Maureen E. O’Donnell, BS**, graduate student, Department of Physiology, received a three-year \$78,692 National Institutes of Health Ruth Kirschstein Individual Training Grant (F31) from the National Institute on Aging entitled “Duplin: A Novel A-Kinase Anchoring Protein.”



Christopher Plowe, MD, MPH

► **Christopher Plowe, MD, MPH**, professor, Department of Medicine, was awarded a one-year \$216,000 Clinical Trial Planning Grant (R34) grant from the National Institute of Allergy and Infectious Diseases for a clinical trial of antimalarial and antibacterial prophylaxis in adults with HIV in Malawi.

► **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, received a two-year \$295,000 grant from The Children’s National Medical Center entitled “HIV Microbicide and the Vaginal Microbiome.” Through studying the effect of microbicides on vaginal microbiota, the project



Jacques Ravel, PhD

aims to develop a better understanding of the role of vaginal microbiomes and the failure in Phase III clinical trials of the microbicides nonoxynol-9 and cellulose sulfate.

► **Maria S. Salvato, PhD**, professor, Departments of Medicine and Microbiology & Immunology and Institute of Human Virology, received a two-year \$412,500 grant from the National Institute of Allergy and Infectious Diseases for her work entitled “A Lassa Vaccine in Primates with AIDS.”



Maria S. Salvato, PhD



Hervé Tettelin, PhD

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, received a two-year \$326,800 grant from the Platform for Appropriate Technology in Health for his work entitled “Characterization of Antigens through Bioinformatics and Comparative Genomics—Enhancement and Dissemination of the Public Strepneumo Sybil Package.” The proposed project will enable development and dissemination of the Strepneumo Sybil Comparative Genomics Package to enhance the ability of users from both developed and developing countries to mine *Streptococcus pneumoniae* genomic data in the context of vaccine research.

### UMB Staff Senate Sponsors Thanksgiving Clothing Drive

- Accepting new winter hats, socks, gloves and mittens in adult and child sizes.
- Donations will be accepted until November 17, 2008.
- Benefits clients of Our Daily Bread, a hot meal program serving more than a quarter million meals to the hungry of Baltimore City each year. If you are able, please provide a little warmth to the adults and children who seek the services of Our Daily Bread.

For the location of the donation boxes within the School of Medicine and/or for more information, please contact Jean Marie Roth at [jroth@som.umaryland.edu](mailto:jroth@som.umaryland.edu) or 6-8679.



## PUBLICATIONS

### *Hats off to those who have been published!*

- ▶ **Abdu Azad, PhD**, professor, and **Nicole Ammerman, ScM**, graduate student, both from the Department of Microbiology & Immunology, co-published an article entitled “Characterization of Sec Translocon-dependent Extracytoplasmic Proteins of *Rickettsia typhi*” in the *Journal of Bacteriology*, 2008:190(18).
- ▶ **Maureen Black, PhD**, John A. Scholl, MD, & Mary Louise Scholl, MD, Professor of Pediatrics, edited an article entitled “Under Nutrition and Cognitive Development” in a special issue of the *European Journal of Nutrition*.
- ▶ **Rebecca M. Brotman, PhD, MPH**, assistant professor, Department of Epidemiology & Preventive Medicine and Institute for Genome Sciences, co-published “The Effect of Vaginal Douching Cessation on Bacterial Vaginosis: A Pilot Study” in the *American Journal of Obstetrics & Gynecology*, 2008 Jun;198(6):628.e1-7. Additionally, Dr. Brotman co-published “Ready or Not: The Molecular Diagnosis of Bacterial Vaginosis” in *Clinical Infectious Diseases*, 2008 Jul 1;47(1):44-6, and “A Longitudinal Study of Vaginal Douching and Bacterial Vaginosis—A Marginal Structural Modeling Analysis” in the *American Journal of Epidemiology*, 15 July 2008; 168: 188–196.
- ▶ **Carol Carraccio, MD**, professor, Department of Pediatrics, published “From the Educational Bench to the Clinical Bedside: Applying the Dreyfus Model to Clinical Practice” in the August 2008 issue of *Academic Medicine*.
- ▶ **Ribal Darwish, MD**, assistant professor, Department of Anesthesiology, co-authored “Treatment of Arteriovenous Malformations with Hydrocoils in a Swine Model” in the *Journal of Interventional Neuroradiology*, Volume 14, n2, Pages 165-172, June 2008. Additionally, Dr. Darwish was first author on “Role of Transcranial Doppler in Optimizing Treatment of Cerebral Vasospasm in Subarachnoid Hemorrhage” in the *Journal of Intensive Care Medicine*, 2008 Jul-Aug: 23(4):263-7.
- ▶ **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, co-published an article entitled “Gliadin Induces an Increase in Intestinal Permeability and Zonulin Release by Binding to the Chemokine Receptor CXCR3” in the March 2008 issue of the *Journal of Gastroenterology*.

▶ **Ricardo Feldman, PhD**, associate professor, Department of Microbiology & Immunology and Mucosal Biology Research Center, co-published an article entitled “RCAS/SCL-TVA Animal Model Allows Targeted Delivery of PyMT Oncogene to Vascular Endothelial Progenitors *in vivo*, and Results in Hemangioma Development” in the June 2008 issue of *Clinical Cancer Research*.



Ricardo Feldman, PhD

▶ **W. F. Fricke, PhD**, research associate, and **Jacques Ravel, PhD**, assistant professor, both from the Department of Microbiology & Immunology and Institute for Genome Sciences, co-published an article



Garry S. A. Myers, PhD

entitled “Insights into the Environmental Resistance Gene Pool from the Genome Sequence of the Multidrug-resistant Environmental Isolate *Escherichia coli* SMS-3-5” in the *Journal of Bacteriology*, 2008 October, 190(20):6779-94. Additionally, Drs. Fricke and Ravel, along with **Dave Rasko, PhD**, assistant professor, **Garry S. A. Myers, PhD**, assistant professor, **Emmanuel Mongodin, PhD**, assistant professor, and **Pawel M. Gajer, PhD**, research associate, all from the Department of Microbiology & Immunology and Institute for Genome Sciences, co-published an article entitled “The Pangenome Structure of *Escherichia coli*: Comparative Genomic Analysis of *E. coli* Commensal and Pathogenic Isolates” in the *Journal of Bacteriology*, (2008) 190: 6881-6893.



Emmanuel Mongodin, PhD

▶ **Simeon E. Goldblum, MD**, professor, Departments of Medicine and Pathology, and associate director for Basic Science Research in the Mucosal Biology Research Center, co-published an article entitled “Toll-like Receptor 4 Signaling is Coupled to SRC Family Kinase Activation, Tyrosine

## PUBLICATIONS *continued*

Phosphorylation of Zonula Adherens Proteins, and Opening of the Paracellular Pathway in Human Lung Microvascular Endothelia” in the March 2008 issue of the *Journal of Biological Chemistry*. Additionally, Dr. Goldblum co-published an article entitled “Expression of Sialyltransferase Activity on Intact Human Neutrophils” that has been accepted for publication in the *Journal of Leukocyte Biology*.

► **Janine Good, MD**, associate professor, Department of Neurology, co-published an article entitled “Antecedent Non-bladder Syndromes in a Case Control Study of Interstitial Cystitis/Painful Bladder Syndrome” in a recent issue of *Urology*.



Jeffrey D. Hasday, MD

► **Jeffrey D. Hasday, MD**, professor, Departments of Medicine, Pathology and Biochemistry & Molecular Biology, and associate director of Translational Research in the Mucosal Biology Research Center, co-published an article “Febrile-range Hyperthermia Accelerates Caspase-dependent Apoptosis in Human Neutrophils” for publication in the *Journal of Immunology*. Dr. Hasday also co-published an article accepted for publication in the journal *Shock* entitled “Expression of Toll-like Receptor Pathway Genes is Increased Prior to the Onset of Sepsis in Critically Ill SIRS Patients.”

► **W. L. Hsiao, PhD**, research associate, Department of Microbiology & Immunology and Institute for Genome Sciences, wrote an article that is scheduled to be published in the December 2008 issue of *Endocrinology and Metabolism Clinics of North America*. The article is entitled “The Microbes of the Intestine: An Introduction to Their Metabolic and Signaling Capabilities.”

► **Kristen Hurley, PhD**, post-doctoral fellow, Department of Pediatrics, co-published “Maternal Symptoms of Stress, Depression and Anxiety Are Related to Nonresponsive Feeding Styles in a Statewide Sample of WIC Participants” in the *Journal of Nutrition*, 138, 799-805, 2008. Additionally, Dr. Hurley co-published “Variation in Breastfeeding Behaviors, Perceptions and Experiences by Race/Ethnicity among a Low-income Statewide Sample of Special Supplemental Nutrition Program for Women, Infants and Children (WIC) Participants in The United States” in *Maternal and Child Nutrition*, 4, 95-105, 2008.

► **Zuzana Justinova, MD, PhD**, assistant professor, Department of Psychiatry, published an article entitled “Fatty Acid Amid Hydrolase Inhibition Heightens Anandamide Signaling without Producing Reinforcing Effects in Primates” in the September 22, 2008, issue of *Biological Psychiatry*.



Willem J. Kop, PhD

► **Willem J. Kop, PhD**, associate professor, Department of Medicine, co-published an article entitled “Effects of Acute Mental Stress and Exercise on Inflammatory Markers in Patients with Coronary Artery Disease and Healthy Controls” in the *American Journal of Cardiology*, 2008;101:767-773. In addition, Dr. Kop co-published an article entitled “Inflammatory Markers and Negative Mood Symptoms Following Exercise Withdrawal” in *Brain, Behavior, and Immunity*, Volume 22, Issue 8, November 2008, Pages 1190-1196.

► **Colin Mackenzie, MD**, clinical professor, Department of Anesthesiology and Program in Trauma, co-authored an article entitled “HBOC-201 as an Alternative to Blood Transfusion: Efficacy and Safety Evaluation in a Multicenter Phase III Trial in Elective Orthopedic Surgery” in the June 2008 issue of *The Journal of Trauma®: Injury, Infection and Critical Care*.

► **Mandeep Mehra, MBBS**, professor, Department of Medicine, co-published an article entitled “Heart Failure Care in the Outpatient Cardiology Practice Setting: Findings from IMPROVE HF” in *Circulation: Heart Failure*, 2008;1:98-106.

In addition, Dr. Mehra co-published “Mechanical Circulatory Support Devices for Acute Heart Failure Syndromes: Considerations for Clinical Trial Design” in the June 12, 2008, issue of *Heart Failure Reviews* and “The Progressive Cardiorenal Syndrome in Heart Failure: Mechanisms and Therapeutic Insights” in *Current Treatment Options in Cardiovascular Medicine*, 2008 Aug;10(4):342-8.



Kamal D. Moudgil, MD, PhD

► **Kamal D. Moudgil, MD, PhD**, associate professor, Department of Microbiology & Immunology, co-published an article entitled “Regulation of Au



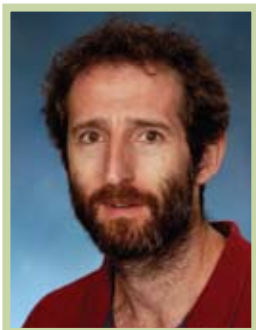


## PUBLICATIONS

### PUBLICATIONS *continued*

toimmune Arthritis by Self Heat-shock Proteins” in the August 2008 of *Trends in Immunology*.

► **James V. O’Connor, MD**, associate professor, Department of Surgery and Program in Trauma, co-authored an article entitled “Assessing Behind Armor Blunt Trauma (BABT) Under NIJ Standard-0101.04 Conditions Using Human Torso Models” in the June 2008 issue of *The Journal of Trauma®: Injury, Infection and Critical Care*. In addition, Dr. O’Connor, along with **Thomas Scalea, MD**, Francis X. Kelly Professor of Trauma Surgery, Department of Surgery, and director of the Program in Trauma, co-authored “Diagnosis and Treatment of Blunt Thoracic Injuries: Changing Perspectives” in the June 2008 issue of *The Journal of Trauma®: Injury, Infection and Critical Care*.



Pablo Rabinowicz, PhD

► **Pablo Rabinowicz, PhD**, assistant professor, Department of Biochemistry & Molecular Biology and Institute for Genome Sciences, co-authored “Genome Sequence and Rapid Evolution of the Rice Pathogen *Xanthomonas oryzae* pv. *oryzae* PXO99A,” in *BMC Genomics*, 9:204 (1 May 2008).

► **Dave Rasko, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, published an article entitled

“Targeting QseC Signaling and Virulence for Antibiotic Development” in *Science*, 321, 1078 (2008); DOI: 10.1126.

► **Jean-Pierre Raufman, MD**, professor, Department of Medicine, co-authored a priority report entitled “Genetic Ablation of M3 Muscarinic Receptors Attenuates Murine Colon Epithelial Cell Proliferation and Neoplasia” in *Cancer Research* 68:3573-3578, 2008.

► **Terez Shea-Donohue, PhD**, professor, Departments of Medicine and Physiology and Mucosal Biology



Jean-Pierre Raufman, MD



Aiping Zhao, MD

Research Center, and **Aiping Zhao, MD**, assistant professor, Department of Medicine, co-authored an article entitled “Th2 Cytokine-Induced Alterations in Intestinal Smooth Muscle Function Depend on Alternatively Activated Macrophages” in the July 2008 issue of *Gastroenterology*. Also, Dr. Shea-Donohue and **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, co-published a book chapter entitled “Basics of GI Physiology and Mucosal Immunology” in *Probiotics in Pediatric Medicine*, 2008, which is in press. Additionally, Drs. Shea-Donohue and Fasano along with **Toni Antalis, PhD**, professor, Department of Physiology, and **Stefanie Vogel, PhD**, professor, Department of Microbiology & Immunology, co-authored “Gliadin Induces an Increase in Intestinal Permeability and Zonulin Release by Binding to the Chemokine Receptor CXCR3” in the July 2008 issue of *Gastroenterology*.

► **Elizabeth A. Streeten, MD**, associate professor, Department of Medicine, was the first author on “Autosome-wide Linkage Analysis of Hip Structural Phenotypes in the Old Order Amish” in the April 25, 2008, issue of *Bone* and “Osteoporosis-pseudoglioma Syndrome: Description of Nine New Cases and Beneficial Response to Bisphosphonates” in the May 7, 2008, issue of *Bone*.

► **Scott E. Strome, MD**, professor and chair, and **Aaron Wood, MD**, PGY2 resident, both from the Department of Otorhinolaryngology-Head and Neck Surgery,

Research Center, and **Aiping Zhao, MD**, assistant professor, Department of Medicine, co-authored an article entitled “Th2 Cytokine-Induced Alterations in Intestinal Smooth Muscle Function Depend on Alternatively Activated Macrophages” in the July 2008 issue of *Gastroenterology*. Also, Dr. Shea-Donohue and

**Alessio Fasano, MD**, professor, Departments of

Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, co-published a book chapter entitled “Basics of GI Physiology and Mucosal Immunology” in *Probiotics in Pediatric Medicine*, 2008, which is in press. Additionally, Drs. Shea-Donohue and Fasano along with **Toni Antalis, PhD**, professor, Department of Physiology, and **Stefanie Vogel, PhD**, professor, Department of Microbiology & Immunology, co-authored “Gliadin Induces an Increase in Intestinal Permeability and Zonulin Release by Binding to the Chemokine Receptor CXCR3” in the July 2008 issue of *Gastroenterology*.



Toni Antalis, PhD



Elizabeth A. Streeten, MD

**PUBLICATIONS** *continued*



Scott E. Strome, MD

co-authored “Fc Dependent Expression of CD137 on Human NK Cells: Insights into ‘agonistic’ Effects of Anti-CD137 Monoclonal Antibodies” in the June 2008 issue of *Blood*. Additionally, Dr. Strome, along with **Brian Gastman, MD**, assistant professor, and **Andrei Chapoval, PhD**, assistant professor, both from the Department of Otorhinolaryngology-Head and Neck Surgery, co-authored “Isopentenyl Pyrophosphate-Activated CD56+ {gamma}{delta} T Lymphocytes Display Potent Antitumor Activity toward Human Squamous Cell Carcinoma” in the July 2008 issue of *Clinical Cancer Research*.

► **Lydia Temoshok, PhD**, professor, Department of Medicine and Institute of Human Virology, co-edited a special issue of *Psychosomatic Medicine* (2008; 70: Number 5) entitled “Psychosocial Influences in HIV/AIDS: Biobehavioral Mechanisms, Interventions, and Clinical Implications.” Additionally, Dr. Temoshok, along with **Rebecca L. Wald,**



Rebecca L. Wald, PhD

**PhD**, assistant professor, Department of Medicine and Institute of Human Virology, and **Alfredo Garzino-Demo, PhD**, assistant professor, Department of Microbiology & Immunology and Institute of Human Virology, co-authored “Type C Coping, Alexithymia, and Heart Rate Reactivity Are Associated Independently and Differentially with Specific Immune Mechanisms Linked to HIV Progression” in *Brain, Behavior, and*



Lydia Temoshok, PhD



Alfredo Garzino-Demo, PhD

*Immunity* 2008; 22: 781-792, and “Coping As a Multi-system Construct Associated with Pathways Mediating HIV-relevant Immune Function and Disease Progression” in *Psychosomatic Medicine*, 2008; 70: 555-561. Drs. Temoshok and Wald also co-authored an article entitled “Integrating Multidimensional HIV Prevention Programs into Health Care Settings” in *Psychosomatic Medicine*, 2008; 70: 612-619.

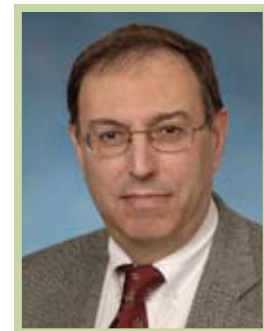
► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, co-authored an article entitled “Population Diversity and Dynamics of *Streptococcus mitis*, *Streptococcus oralis* and *Streptococcus infantis* in the Upper Respiratory Tract of Adults Determined by a Non-culture Strategy” in *Infection and Immunity*, 76, May 2008 edition.

► **Stefanie Vogel, PhD**, professor, Department of Microbiology & Immunology, co-published an article entitled “Mice Deficient in the CXCR2 Ligand, CXCL1 (KC/GRO-alpha), Exhibit Increased Susceptibility to Dextran Sodium Sulfate (DSS)-induced Colitis” in the April 14, 2008, edition of *Innate Immunology* and a paper entitled “The Macrophage Proinflammatory Response to *Francisella tularensis* LVS Requires Coordination of Multiple Signaling Pathways” in the May 15, 2008, issue of the *Journal of Immunology*. In addition, Dr. Vogel co-published “*Francisella tularensis* Live Vaccine Strain Induces Macrophage Alternative Activation as a Survival Mechanism” in the September 15, 2008, edition of the *Journal of Immunology* and “A Combination of Proteasome Inhibitors and Antibiotics Prevents Lethality in a Septic Shock Model” in the October 14, 2008, issue of *Innate Immunology*.

► **William Weiner, MD**, professor and chair, Department of Neurology, published an article entitled “There is No Parkinson’s Disease” in *Archives of Neurology*, Vol. 5 (No. 6), June 2008.



Stefanie Vogel, PhD



William Weiner, MD

## EVENTS, LECTURES

## & WORKSHOPS



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



Margaret Chesney, PhD

► **Margaret A. Chesney, PhD**, professor, Department of Medicine, and associate director, Center for Integrative Medicine, co-chaired a meeting entitled “Meditation for Health Purposes” at the National Institutes of Health (NIH) in Bethesda, Maryland, in July 2008. The objective of this meeting was to review the state of science in meditation and provide recommendations to the NIH regarding research gaps and opportunities. The primary sponsor for this meeting was the National Center for Complementary and Alternative Medicine; other sponsors included the Canadian Institutes of Health

Research, the National Cancer Institute, the National Heart, Lung and Blood Institute, the National Institute on Aging, the National Institute of Drug Abuse and the Office of Behavioral and Social Sciences Research. In addition, Dr. Chesney presented a lecture entitled “Complementary and Integrative Medicine: Skeptics, Science and Your Health” at the Osher Life Long Learning Center in Gaithersburg, Maryland, in October 2008.

► **Steven J. Czinn, MD**, professor and chair, Department of Pediatrics, discussed *H. pylori* vaccines at a workshop held by the National Institutes of Allergy and Infectious Diseases/Division of Microbiology and Infectious Diseases/Enteric and Hepatic Diseases Branch in July 2008 in Bethesda, Maryland. Dr. Czinn also served as one of the moderators of the “Risks and Benefits” sessions.



Steven J. Czinn, MD

► **Michael Donnenberg, MD**, professor, Department of Medicine, presented “The Diversity of *Escherichia coli* Infections: Molecular



Michael Donnenberg, MD

Mechanisms, Clinical Outcomes, Future Therapies” at Columbia University’s College of Physicians and Surgeons’ Alumni Day Scientific Session on May 16, 2008, which was his 25th graduation reunion.



Alessio Fasano, MD

► **Alessio Fasano, MD**, professor, Departments of Pediatrics, Medicine and Physiology, and director of the Mucosal Biology Research Center, presented “‘Tight Junctions and Autoimmune Diseases: The Celiac Disease Paradigm’ Molecular Structure and Function of the Tight Junction—From Basic Mechanisms to Clinical Manifestations” in Berlin, Germany, and “Celiac Disease: The Present & Future” to the Veneto Chapter of the Italian Celiac Disease Association in Venice, Italy, and “Celiac Disease: What’s Next?” to the Lazio Chapter of the Italian Celiac Disease Association in Rome, Italy, in

April 2008. In May 2008, Dr. Fasano gave several talks which included “Global Village of Celiac Disease” presented at the VIVACE meeting in Salerno, Italy; “Novel Therapeutic Option for Celiac Disease” presented at the 8th Pediatrics National Meeting in Amalfi, Italy; “Celiac Disease: The Past and the Present,” and “Celiac Disease: The Future” during the Gluten Intolerance Festival which was sponsored by the Canadian Celiac Association and held in Victoria, British Columbia, Canada; and “Celiac Disease” at a Meet the Professor Luncheon in San Diego, California. Additionally, Dr. Fasano presented a lecture entitled “A Humorous and Informative Look at Celiac Disease” to the Gluten Intolerance Group Annual Education Conference in Dallas, Texas, in June 2008.

► **Gary Fiskum, PhD**, professor and vice-chair for Research, Department of Anesthesiology, presented a plenary lecture titled “Loss of NAD(H) Limits Mitochondrial Respiration after Neonatal Cerebral Hypoxic Ischemia” at the European Bioenergetics Congress in Dublin, Ireland, in July 2008. Additionally in August 2008, Dr. Fiskum presented “Neuroprotection by Combination Therapies Directed at Oxidative Stress” at Semmelweis University in Budapest, Hungary,

## EVENTS, LECTURES & WORKSHOPS *continued*

and the Ludwig Boltzmann Institute for Traumatology in Vienna, Austria, and then chaired a plenary session titled “Mitochondrial Signaling” at the Gordon Research Conference on Brain Energy Metabolism and Blood Flow in Andover, New Hampshire.



Lixing Lao, PhD

► **Lixing Lao, PhD**, professor, Department of Family & Community Medicine, gave a lecture entitled “ACUPUNCTURE Activates Endogenous Resilience to Inflammatory Pain” at the Beijing Joint Conference of Physiological Sciences in Beijing, China, in October 2008.

► **Mary C. McKenna, PhD**, associate professor, Department of Pediatrics, was the keynote speaker at the 2008 Third ISN Special Neurochemistry Conference/8th International Meeting for Brain Energy Metabolism—“Neurodegeneration and Regeneration” in Beijing, China, in June 2008. Dr.

McKenna’s talk was entitled “Changing Concepts in Brain Energy Metabolism.” Additionally, she chaired the student “Data Blitz” session at the same meeting and was one of a small group of scientists honored by the mayor of Xuchang City who was invited to visit the Lingjing paleolithic site which was discovered in late 2007 and is not yet open for the public.



Thomas M. Scalea, MD

► **Thomas M. Scalea, MD**, Francis X. Kelly Professor of Trauma Surgery, Department of Surgery, and director of the Program in Trauma, presented four lectures at the 33rd Annual Scientific Meeting of the Royal College of Surgeons of Thailand in July 2008 in Pattaya, Thailand. Dr. Scalea’s lectures were “Strategies on Trauma Management,” “Hemodynamic Monitoring During Trauma Resuscitation,” “Permissive Hypotension During Trauma Resuscitation,” and “Role of Recombinant Activated Factor VII in Controlling Massive Bleeding with Coagulopathy Associated with Trauma and Surgery.”



Rui-xin Zhang, PhD

► **Terez Shea-Donohue, PhD**, professor, Departments of Medicine and Physiology and the Mucosal Biology Research Center, presented “Dangerous Liaisons: Mechanisms of Immune Regulation of Gut Function” at the Mayo Clinic in Rochester, Minnesota, in April 2008.

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, presented “Impact of Horizontal Transfer Events: the Genomics Perspective” and “The Microbial Genome: from Data Mining towards Gene Function and Vaccine Applications” at the Society of General Microbiology symposium in Edinburgh, Scotland, in April 2008 and the Erasmus Postgraduate School for Molecular Medicine’s 2nd Symposium and Workshops on Molecular Microbiology of Infectious Diseases in Rotterdam, Holland, in June 2008.

► **Bryan Soronson**, senior administrator, Department of Neurology, presented “Practice Management 301: Neurology Practice Issues, Opportunities and Challenges” at the American Academy of Neurology’s 2008 Fall Conference in New Orleans, Louisiana, in October 2008.

► **William Weiner, MD**, professor and chair, Department of Neurology, co-presented “EMBR: Help or Hindrance to Clinical Management?” at the 12th International Congress of Parkinson’s Disease and Movement Disorders in June 2008 in Chicago, Illinois.



Bryan Soronson

► **Rui-xin Zhang, PhD**, assistant professor, Department of Family & Community Medicine and Center for Integrative Medicine, presented “Acupuncture Activates Endogenous Resilience” at a National Institute on Drug Abuse workshop, in conjunction with its Center for Clinical Trials Network and Division of Clinical Neuroscience and Behavioral Research, in Bethesda, Maryland, in May 20, 2008. In addition, Dr. Zhang presented “Electroacupuncture Attenuates Bone Cancer Pain and Inhibits Spinal Interleukin-1beta Expression in a Rat Model” at the Department of Defense’s Breast Cancer Research Program in Baltimore, Maryland in June 2008.

## NEW FACULTY



### *We welcome our new faculty!*

- ▶ **Lise Asaro, MD**, joined the Department of Anesthesiology in August 2008 as an instructor. Dr. Asaro received her medical degree from Stony Brook University School of Medicine. She completed her residency in anesthesiology at the University of Maryland Medical Center and is board eligible.
- ▶ **Rebecca M. Brotman, PhD, MPH**, joined the Department of Epidemiology & Preventive Medicine in July 2008 as an assistant professor. She is also a faculty member in the Institute for Genome Sciences. Previously, she was a post-doctoral fellow in the Institute for Genome Sciences. She received her PhD from Johns Hopkins University Bloomberg School of Public Health where she graduated from the Department of Epidemiology's Infectious Diseases Program. Dr. Brotman's primary research interests span a broad range of topics in reproductive and infectious diseases epidemiology, including the epidemiology of maternal and child health, factors associated with pre-term birth and the effects of commonly-used feminine hygiene products on infections of the genital tract.



Delia Chiamonte, MD

- ▶ **Delia Chiamonte, MD**, joined the Department of Family & Community Medicine in September 2008 as a clinical assistant professor. Dr. Chiamonte is also a faculty member in the Center for Integrative Medicine. Previously, Dr. Chiamonte worked as a private medical care advisor at Insight Medical Consultants in Baltimore. Currently, at the Center for Integrative Medicine, Dr. Chiamonte sees patients who require oncology care. She teaches an elective course to fourth-year medical school students in addition to teaching residents and fellows, and is in charge of the Center for Integrative Medicine's Educational Program. She is also the assistant medical director at the Hospice of Baltimore, where she provides clinical supervision of care for terminally ill patients.

- ▶ **Molly Fitzpatrick, MD**, joined the Department of Anesthesiology in September 2008 as an instructor. Dr. Fitzpatrick received her medical degree from the University of Cincinnati College of Medicine. She performed her residency in anesthesiology as well as a fellowship in cardiothoracic anesthesiology at the Uni-



Molly Fitzpatrick, MD

versity of Maryland Medical Center and is board eligible.

Medical Center. Her special interests are oncologic pain and spinal cord stimulation.

▶ **Melody Hu, MD**, joined the Department of Anesthesiology in September 2008 as an instructor. Dr. Hu completed her residency in anesthesiology and her fellowship in pain medicine at the University of Maryland



Melody Hu, MD

- ▶ **Scott Jerome, DO**, joined the Department of Medicine in August 2008 as an assistant professor. Dr. Jerome holds leadership positions in several regional and national organizations, including the board of directors of the Intersocietal Commission for the Accreditation of Nuclear Medicine Laboratories, the Society of Cardiovascular Computerized Tomography Advocacy Committee, the Society of Cardiovascular Computerized Tomography Working Group, the Society of Cardiovascular Computerized Tomography Coding Committee, the American College of Cardiology Foundation (ACCF) Advocacy Committee, and is medical director of the Carroll County Department of Health Automated External Defibrillator Program. In addition, he was co-author of the ACCF/American Society of Nuclear Cardiology Appropriateness Criteria for Cardiac Nuclear Imaging. His research interests include platelet function in congestive heart failure and coronary thrombosis.



Scott Jerome, DO

- ▶ **Matthew Laurens, MD, MPH**, joined the Department of Medicine in July 2008 as a research associate. Dr. Laurens also will work in the Center for Vaccine Development leading clinical trials of malaria drugs and vaccines in Africa.



## NEW FACULTY *continued*

► **Gautam Ramani, MD**, joined the Department of Medicine in July 2008 as an assistant professor. In 2008 Dr. Ramani completed his congestive heart failure fellowship as well as his cardiology fellowship training at the University of Pittsburgh. His interests include pulmonary hypertension, cardiac transplantation and echocardiography.



Dave Rasko, PhD

► **David Rasko, PhD**, joined the Department of Microbiology & Immunology in June 2008 as an assistant professor. He is also a faculty member in the Institute for Genome Sciences. Previously, Dr. Rasko was a research assistant professor in the Department of Microbiology at the University of Texas Southwestern Medical Center in Dallas. In 1999, he received his PhD in microbiology and immunology from the University of Alberta. As a research scientist, Dr. Rasko's primary research interest focuses on merging high-throughput methodologies with basic science and exploiting a focus on enteric pathogens.

► **Shannon Takala, PhD**, joined the Department of Medicine in July 2008 as an assistant professor. Dr. Takala is also a faculty member in the Center for Vaccine Development. She will lead molecular epidemiology studies of malaria drug resistance with support from a K12 Scholar Award.



Shannon Takala, PhD

► **Mark Vesely, MD**, joined the Department of Medicine in August 2008 as an assistant professor. Dr. Vesely completed his interventional fellowship training in 2008 and his cardiology fellowship training in 2007, both at the University of Maryland Medical Center. His clinical interests include coronary intervention and catheter-based approaches to structural heart disease. His research interests are in the electro-mechanical determinants of ventricular dysfunction and genetics of congenital Long-QT syndrome.

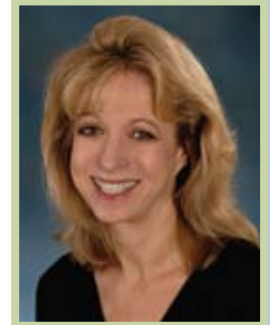
## New Program Established in Research Career Development

Bruce Jarrell, MD, executive vice dean, is pleased to announce the establishment of the Research Career Development Program to be directed by Wendy Sanders, MA, the former assistant dean for Professional Development. The program is designed to support the research goals of the University of Maryland School of Medicine by developing innovative research education and career development classes, workshops and services. This program will focus primarily on new and junior faculty and secondarily on clinical and post-doctoral fellows, groups which are particularly vulnerable to the effects of the current flat funding of the National Institutes of Health (NIH). Establishment of this program underscores the commitment of the school to the research career development of our junior faculty and post-docs, particularly at a time when new investigators face many challenges.

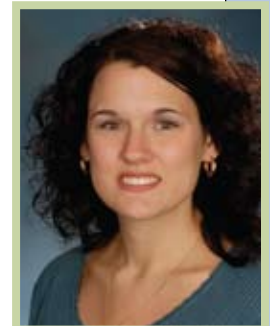
The new Research Career Development Program is an expansion of the widely popular courses which have been offered at the school by Ms. Sanders. Courses will include new offerings such as targeted grant writing classes for investigators interested in Career Development (K) Awards, R01s, and R03s/R21s. Other major new offerings will include a bi-annual workshop on lab leadership and project management, areas of training highly recommended by the NIH for all trainees and junior faculty. In addition, the program sponsors a monthly seminar series on critical research-related subjects, such as the "Role of a Mentor in a Research Career."

As assistant dean for Research Career Development, Ms. Sanders will direct the Research Career Development Program. She joined the School of Medicine August 2006. Since that time, more than 1,000 participants have enrolled in one or more of her classes and workshops. Ms. Stacie Small Mendoza, who joined the School of Medicine in September 2006, will assist Ms. Sanders in developing the new program. Ms. Small Mendoza works with faculty and post-docs to identify sources of funding for their research, a crucial function in the current funding climate.

The Research Development Program will operate out of MSTF, Suite 314. To learn more, please view the program Web site at [www.medschool.umaryland.edu/biomedical](http://www.medschool.umaryland.edu/biomedical) or contact Ms. Small Mendoza at [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu).



Wendy Sanders, MA



Stacie Small Mendoza

## IN THE NEWS



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

Sixteen SOM faculty were featured in the November 2008 issue of *Baltimore Magazine's* "Top Doctors" list. Pictured to the right is the ad the SOM and the Medical Center will place in the December issue of the magazine. Using names chosen at random by computer from medical association mailing lists, *Baltimore Magazine* surveyed more than 2,000 physicians in the region to discover where they would send a member of their family in each of 69 specialties. The magazine then ran the chosen names by the Maryland Board of Physician Quality Assurance to check for legal problems. For University of Maryland physicians, the result is what you see here.

► **Raymond Cross, MD, MS**, assistant professor, Department of Medicine, was featured in the "Ask the Expert" section of the *Baltimore Sun* on August 8, 2008. Dr. Cross discussed chronic disorders of the intestine, which are commonly grouped under the term of irritable bowel disease, or IBD. IBD strikes about one in 300 people, and can have a significant impact on their lives. Dr. Cross and his multidisciplinary team work with the whole person in helping patients to cope with this chronic disease.

► **Steven J. Czinn, MD**, professor and chair, **Samara Blanchard, MD**, associate professor, **Carol Greene, MD**, professor, **Jack Gladstein, MD**, associate professor, **Mubadda Salim, MD**, associate professor, **Anupama Kewalramani, MD**, assistant professor, **Mary Beth Bollinger, DO**, associate professor, and **Anayansi Lasso-Pirot, MD**, assistant professor, all from the Department of Pediatrics, were featured in an article in the July/August 2008 issue of *M.D. News*. The article focused on the Department of Pediatrics' ability to meet the needs of children across all medical specialties as well as the department's research focus and training of pediatric residents and fellows.



Jack Gladstein, MD

► **Claire Fraser-Liggett, PhD**, professor, Department of Medicine, and director, Institute for Genome Sciences, and **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, played behind-the-scenes, prominent roles in helping the FBI fight bioterrorism. Soon after the terrorist attacks of September 11, 2001, letters



Claire Fraser-Liggett, PhD

## THE UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE & UNIVERSITY OF MARYLAND MEDICAL CENTER CONGRATULATE

### ONE OF SIX FEATURED TOP DOCS

**STEPHEN T. BARTLETT**

CHAIR OF THE DEPARTMENT OF SURGERY

#### ALTERNATIVE/COMPLEMENTARY

BRIAN M. BERMAN

#### CARDIOLOGY

R. MICHAEL BENITEZ

#### GASTROENTEROLOGY/HEPATOLOGY

PETER DARWIN

#### GYNECOLOGY

HARRY W. JOHNSON, JR.

#### PEDIATRIC ALLERGY

MARY BETH BOLLINGER

#### PEDIATRIC ENDOCRINE

DEBRA COUNTS

#### PEDIATRIC GENERAL SURGERY

ROGER VOIGT

#### PEDIATRIC HEMATOLOGY/ONCOLOGY

NEIL J. GROSSMAN

#### RHEUMATOLOGY

RAYMOND H. FLORES

#### SURGERY ORAL-MAXILLOFACIAL

JOHN F. CACCAMESE, JR.  
(UM SCHOOL OF DENTISTRY)

#### SURGERY TRANSPLANT

BENJAMIN PHILOSOPHE

#### SURGERY TRAUMA

THOMAS M. SCALEA

#### SURGICAL ONCOLOGY GENERAL

NADER HANNA

## ON BEING NAMED BALTIMORE MAGAZINE'S "TOP DOCS" FOR 2008

Together, the University of Maryland School of Medicine & the University of Maryland Medical Center educate and train over half of Maryland's practicing physicians.



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## IN THE NEWS *continued*

laced with anthrax began appearing in the U.S. mail. Five Americans were killed, 17 were sickened, and the nation was terrorized in what became the worst biological attacks in U.S. history. The ensuing investigation by the FBI and its partners was code-named “Amerithrax.” In August 2008, Department of Justice and FBI officials announced a breakthrough in the case and released documents and information showing that charges were about to be brought against Dr. Bruce Ivins of the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID). Dr. Ivins took his own life before those charges could be filed. Drs. Fraser-Liggett and Ravel participated in an August 18, 2008, press conference at the J. Edgar Hoover FBI Building in Washington, DC, where they discussed the science behind the Amerithrax investigation. Additionally, they were featured in *Science* magazine, the *New York Times* and *USA Today* the week of August 25, 2008, for their work with the FBI on the identification of four genetic mutations in *Bacillus anthracis* Ames that lead investigators back to the source material at USAMRIID. Their contributions to the discovery of genetic markers and the development of assays that were used to identify the source of the *B. anthracis* strain used in the attack were highlighted. Their work has been key to the birth of the field of microbial forensics.

► **Richard Lichenstein, MD**, associate professor, Department of Pediatrics, appeared on WJZ-TV Channel 13’s July 10, 2008, evening broadcast of *Health*

*Watch* to discuss seizures in children. Dr. Lichenstein has launched a study to determine the most effective form of treatment for sufferers of prolonged seizures.

► **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 interviewed by the Associated Press (AP) and subsequently featured in a July 30, 2008, AP article entitled “Pregnancy Diabetes Tied to More Birth Defects” that was picked up by more than 300 media outlets, including *USA Today*, the *New York Times*, the *LA Times* and *Newsday*.

► **Anca Safta, MD**, assistant professor, Department of Pediatrics, was quoted in “Relief ahead for Families that Use Prescribed Formula” that ran as the front page story in the *Mount Airy Gazette* on June 26, 2008. The story was also published in the August 2008 issue of *Baltimore’s Child*.

► **Jakub Simon, MD**, assistant professor, Department of Pediatrics and Center for Vaccine Development, participated in a discussion about Lyme Disease during Maryland Public Television’s live broadcast of *Direct Connection* on Monday, June 2, 2008.



Jakub Simon, 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:** Betty Satosky

**Diagnostic Radiology & Nuclear Medicine:** Nan Knight

**Emergency Medicine:**  
Linda Kesselring

**Epidemiology & Preventive Medicine:** Cindy Geppi

**Family & Community Medicine:**  
Michael Cuneo

**Medical & Research Technology:**  
Cynthia Stambach

**Medicine:** Molly Lutz

**Microbiology & Immunology:**  
Mona Kiriakos

**Neurology:** Paula Gilley

**Neurosurgery:** Terry Roberts

**Obstetrics, Gynecology & Reproductive Sciences:** Adrian Bergin

**Ophthalmology:** Nancy Cook

**Orthopaedics:** Mary Zadnik Newell

**Otorhinolaryngology:** Bryan Ambro

**Pathology:** Carmen Wooden

**Pediatrics:** Bonnie Winters

**Pharmacology & Experimental Therapeutics:** Anne Nourse

**Physical Therapy & Rehabilitation Science:** Brian Smith

**Physiology:** Ken Fahnestock

**Psychiatry:** Vee Porter-Brown

**Radiation Oncology:** Jill Rosenberg

**Surgery:** NO DESIGNEE

**Program in Comparative Medicine:**  
Deborah Sanchez

**Program in Complementary Medicine:** Amy Martin Burns

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

**Program in Minority Health & Health Disparities:** Claudia Baquet

**Program in Neuroscience:**  
Tom McHugh

**Program in Oncology:** Stephen Long

**Program in Trauma:** Cynthia Rivers

**Center for Health Policy & Health Services Research:** Shiraz Mishra

**Center for Integrative Medicine:**  
Amy Martin Burns

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

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

**Center for Trauma and Anesthesiology Research:** Jane Anderson

**Center for Vaccine Development:**  
Gloria Smedley

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

**Institute for Genome Sciences:**  
Risa Davis

**Institute of Human Virology:**  
Nora Grannell

**MD/PhD Program:** Nancy Malson

**Office of Admissions:** Mickey Foxwell

**Office of Development:** Emily Cooke

**Office of Information Services:**  
Jim McNamee

**Office of Policy & Planning:**  
Meseret Bezuneh

**Office of Faculty Affairs & Professional Development:**  
Stacie Small

**Office of Public Affairs:**  
Heather Graham

**Office of Student Affairs:**  
Dawn Roberts

**Office of Student Research:**  
Jordan Warnick

**Office of Research & Graduate Studies:** Tom Hooven

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)