



# 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!*



Christy Chang, PhD

of Surgery and Microbiology & Immunology, received a two-year \$100,000 American Society of Transplant Surgeons/Pfizer Collaborative Scientist Grant from the Foundation of the American Society of Transplant Surgeons to fund their research entitled "Changes in the Human Microbiota Induced by Post-Transplant Medication."

► **Julie Dunning Hotopp, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, received a three-year \$706,945 grant for "Whole Genome Sequencing of Emergent Meningococcal Clones of Public Health Significance" from the National Institute of Allergy and Infectious Diseases' Genome Sequencing Centers for Infectious Diseases.

► **Brenda Hussey-Gardner, PhD, MPH**, assistant professor, Department of Pediatrics, was awarded a \$211,389 grant from the Baltimore City Health Department to continue Maryland PRIDE<sup>2</sup> which includes both the Maryland's Premature Infant Development Enrichment Program and the Pediatric Referral

for Infant Developmental Enrichment Programs. Maryland's PRIDE<sup>2</sup> is a collaborative endeavor between the Department of Pediatrics at the University of Maryland School of Medicine and the Baltimore City Infants and Toddlers Program (BITP). The purpose of Maryland's PRIDE<sup>2</sup> is to provide a collaborative effort of identification, evaluation and service coordination for infants in the University of Maryland Hospital for Children (UMHC) Neonatal Intensive Care Unit (NICU), who attended the UMHC NICU Follow-Up Clinic, or who receive primary health care at Pediatrics at the Harbor (aka PATH) who are eligible to receive early intervention services through the BITP.

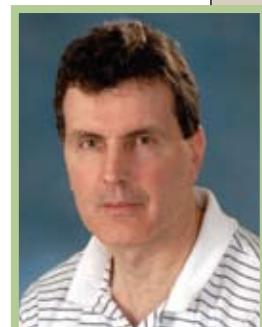
► **Igor Lukashevich, MD, PhD**, associate professor, Institute of Human Virology and Department of Medicine, received a five-year \$868,007 award from the National Institute of Allergy and Infectious Diseases for his work entitled "Development of New Bivalent Cross-Protective Arenaviral Vaccines."

► **Raymond Penn, PhD**, professor, Department of Medicine, received a \$251,300 award from the National Heart, Lung and Blood Institute of the National Institutes of Health for "OGR1 Is A Protein-Sensing GPCR in Airway Smooth Muscle."



John Sacci, PhD

► **John Sacci, PhD**, assistant professor, Department of Microbiology & Immunology, received a one-year \$45,756 award from Science Applications International Corporation, or SAIC, for his work entitled "Evaluation and Characterization of Plasmodium Falciparum Full Length Circumsporozoite Protein (CSP) Vaccine Candidates."



Raymond Penn, PhD

## GRANTS & CONTRACTS *continued*



Carole Sztalryd, PhD

► **Carole Sztalryd, PhD**, associate professor, Department of Medicine, received a two-year \$164,000 award from the American Heart Association for her work entitled “Perilipin 5 A Novel Regulator of Lipid Droplet Function in Cardiomyocytes.”

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, is the principal investigator on a one and a half year \$418,920 project entitled “Phylogenomics of *Yersinia pestis*—Plague Spread, Zoonotic Disease and Forensics,” and on a one-year \$357,993 project entitled “Comparative Genomics of Clinical Isolates of *Mycobacterium abscessus*.” Dr. Tettelin’s projects are part of the “Genome Sequencing Centers for Infectious Diseases,” a federal contract under the overall direction of **Claire Fraser-Liggett, PhD**, professor, Departments of Medicine and Microbiology & Immunology and director of the Institute for Genome Sciences.

## IN THE NEWS



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

► **Maureen Black, PhD**, John A. Scholl, MD, and Mary Louise Scholl, MD, Professor of Pediatrics, published an Op-Ed in the May 12, 2011, edition of the *Baltimore Sun* entitled “Balancing the Budget on Infant’s Backs.”

► **Michael S. Donnenberg, MD**, professor, Departments of Medicine and Microbiology & Immunology, was interviewed by WBAL-TV 11 News on June 2, 2011, about the *E. coli* outbreak in Europe. Dr. Donnenberg is an authority in this area and explained that this new strain of *E. coli* is made up of genes that have never been seen in this particular combination before. The outbreak, which spread throughout 10 European countries, is responsible for the deaths of over 20 people and sickened thousands. In addition, Dr. Donnenberg was interviewed by Aljazeera News for his insight into the *E. coli* outbreak and by the Daily RX-Relevant Health News, an on-line health publication, about how the European outbreak could affect Americans.

## IN THE NEWS *continued*

► **Julie Dunning Hotopp, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was interviewed by *Scientist* magazine on two new studies seeking to validate the results of a 2004 retracted paper on parasite-to-host gene transfer. The article was entitled “Retraction Vindicated” and was published on March 28, 2011.

► **Richard Lichenstein, MD**, associate professor, Department of Pediatrics, was involved in the Crib Safety Press Conference at the Capitol Hill Visitor Center in Washington, DC, on June 28, 2011. He also represented the American Academy of Pediatrics at this press conference. In addition, Dr. Lichenstein was interviewed by *American Baby Magazine* for an article entitled “Riding a Bike with Your Infant” that appeared in the June 28, 2011 issue, and was featured on the June 29, 2011, edition of the “Healthy Children” radio show on Health Radio ([www.HealthRadio.net](http://www.HealthRadio.net)) where he was interviewed about firework safety.



Richard Lichenstein, MD

► **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director of Genomics, Institute for Genome Sciences, was interviewed on June 18, 2011, by *ScienceNews* magazine regarding his research on bacterial vaginosis for the Human Microbiome Project for an article entitled “Teams of Microbes Pull Strings in the Human Body.”

► **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was interviewed by the Biotechnology Industry Organization on June 20, 2011, for a podcast on reverse vaccinology and the pan-genome concept. He also discussed how DNA sequencing is evolving and how it impacts vaccine development.

► The **University of Maryland Adolescent STAR TRACK Program** was featured in a video released by the US Department of Health and Human Services Health Resources and Services Administration (HRSA) called “30 Years of AIDS—HRSA’s Commitment.” STAR TRACK was highlighted as one of several very integral programs that HRSA has chosen to highlight and fund over the past 30 years. **Ligia Peralta, MD**, associate professor, Department of Pediatrics, and the STAR TRACK staff have worked diligently for many years to showcase and raise awareness of this program.



Ligia Peralta, MD



## PUBLICATIONS

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

► **Samuel Angioli, PhD**, director of Bioinformatics Software Engineering, Institute for Genome Sciences, along with **Julie Dunning Hotopp, PhD**, assistant professor, and **Hervé Tettelin, PhD**, associate professor, both from the Department of Microbiology & Immunology and Institute for Genome Sciences, and co-authored “Improving Pan-Genome Annotation Using Whole Genome Multiple Alignment” in *BMC Bioinformatics*, June 30, 2011; 12(1):272.

► **Judi L. Azevedo**, graduate student in the Graduate Program in Molecular Medicine, and **Ricardo A. Feldman, PhD**, associate professor, Department of Microbiology and Immunology, co-published an invited review entitled “Tinkering with Transcription Factors Uncovers Plasticity of Somatic Cells” in *Genes & Cancer*, (2011) Vol.1: 1089-1099.

► **Geoffrey B. Crawford, MD, MS**, chief resident, Department of Epidemiology & Public Health, authored “Continued Debate on Comparative Effectiveness Research” in *Health Affairs*, 2010 Dec;29(12):2353. In addition, Dr. Crawford, along with **Anuprita Khedkar**, MS candidate, Department of Epidemiology & Public Health, **John Sorkin, MD, PhD**, associate professor, Department of Medicine, and **Lisa Gallicchio, PhD**, co-authored “Depressive Symptoms and Self-Reported Fast-Food Intake in Midlife Women” in *Preventive Medicine*, 2011 Mar-Apr;52(3-4):254-7, and co-authored “Influenza and School Based Influenza-Like Illness Surveillance: A Pilot Initiative in Maryland,” along with several members of the Anne Arundel County Department of Health, in *Public Health Reports*, 2011 Jul Aug; Vol. 126.

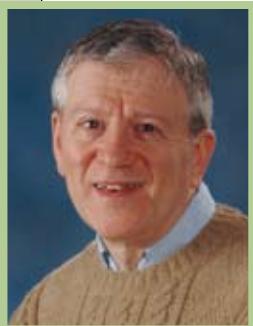
► **Michael S. Donnenberg, MD**, professor, Departments of Medicine and Microbiology & Immunology, was author on the following publications: “Interactions and Predicted Host Membrane Topology of Enteropathogenic *Escherichia coli* Translocator Protein EspB” in the *Journal of Bacteriology*, June 2011;193:2972-2980; “Bundle Forming Pilus Retraction Enhances Enteropathogenic *Escherichia coli* Infectivity” in *Molecular Biology of the Cell*, (Epub) May 25, 2011, and “The N-terminal Amphipathic Region of the *Escherichia coli* Type

III Secretion System Protein EspD is Required for Membrane Insertion and Function” in *Molecular Microbiology*, 2011 June 9.

► **Mark Eppinger, PhD**, research associate, Institute for Genome Sciences, and **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director of Genomics, IGS, are first and corresponding last authors of an article entitled “Genome Sequences of the Biotechnologically Important *B. megaterium* Strains QM B1551 and DSM319” in the *Journal of Bacteriology*, June 24 2011. Their co-authors from IGS include **Heather Huot Creasy**, bioinformatics analyst, **David Riley**, bioinformatics software engineer, and **Sean Daugherty**, bioinformatics analyst. In addition, Drs. Eppinger and Ravel are first and corresponding last authors of “Genome Signatures of *Escherichia coli* O157:H7 from the Bovine Host Reservoir” in *Applied and Environmental Microbiology*, May 2011, Vol. 77, pp. 2916-2125.

► **Kevin Galens**, bioinformatics software engineer, **Joshua Orvis**, bioinformatics software engineer, **Sean Daugherty**, bioinformatics analyst, **Heather Huot Creasy**, bioinformatics analyst, **Samuel Angioli, PhD**, director, bioinformatics software engineering, **Owen White, PhD**, professor, Department of Epidemiology & Public Health, and director of Bioinformatics, **Anup Mahurkar**, executive director of Bioinformatics Software Engineering, and **Michelle Gwinn Giglio, PhD**, assistant professor, Department of Medicine, and associate director of Analysis, who are all from the Institute for Genome Sciences, co-authored “The IGS Standard Operating Procedure for Automated Prokaryotic Annotation,” in *Standards in Genomic Sciences*, April 2011; Vol. 4, No 2.

► **Kristen Hurley, PhD**, assistant professor, and **Maureen Black, PhD**, John A. Scholl, MD, and Mary Louise Scholl, MD, Professor of Pediatrics, both from the Department of Pediatrics, co-published “Responsive Feeding: Promoting Healthy Growth and Development for Infants and Toddlers” in the *Journal of Nutrition*, 141(3), 489. In addition Drs. Black and Hurley, along with **Stacy Howes, PhD**, post-doctoral fellow, Department of Pediatrics, co-published “Trajectories of Adolescent Mother-Grandmother Psychological Conflict during Early Parenting and Children’s Problem Behaviors at Age 7” in the *Journal of Clinical Child and Adolescent Psychology* 40(3), 445-455. Dr. Black, along with **Howard Dubowitz, MD**, professor, Department of Pediatrics, also co-published the paper “Psychometric



Ricardo A. Feldman, PhD



Michelle Gwinn Giglio, PhD



Michael S. Donnenberg, MD

## PUBLICATIONS *continued*

Properties of a Youth Self-Report Measure of Neglectful Behavior by Parents" in *Child Abuse & Neglect*, 35, 414-424.

► **Albert W. Lee**, graduate research assistant I, Institute for Genomes Sciences, and **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, co-authored "Genomic Analyses of Clonal Isolates Provide Clues to the Evolution of *Streptococcus pneumoniae*," in *Frontiers in Microbiology*; 2:63.



Garry Myers, PhD

**Garry Myers, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, and **Patrik Bavoil, PhD**, professor, Department of Microbiology & Immunology, co-authored an article entitled "Unity in Variety—the Pan-Genome of the *Chlamydiae*" in *Molecular Biology and Evolution*, June 20, 2011.

► **Pablo Rabinowicz, PhD**, assistant professor, Department of Biochemistry & Molecular Biology, **Maximo Rivarola**, post-doctoral fellow, **Xinyue Liu**, bioinformatics engineer, and **Heather Huot Creasy**, bioinformatics analyst, all from the Institute for Genome Sciences, and **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director, Genomics, Institute for Genome Sciences, co-authored "Castor Bean Organelle Genome Sequencing and Worldwide Genetic Diversity Analysis" in *PLoS ONE*, July 7, 2011.

► **David Rasko, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences (IGS), **Claire Fraser-Liggett, PhD**, professor, Departments of Medicine and Microbiology & Immunology, and director, IGS, and **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director of Genomics, IGS, co-authored "Bacillus anthracis Comparative Genome Analysis in Support of the Amerithrax Investigation," in *Proceedings of the National Academy of Sciences of the USA*, March 7, 2011; 108 (12) 5027-5032.

► **Jean-Pierre Raufman, MD**, professor, Department of Medicine, was the senior author on "Muscarinic Receptor Agonists Stimulate Human Colon Cancer Cell Migration and Invasion" in the *American Journal of Physiology*, Volume 300, April 2011, and first author on "In Vivo Magnetic Resonance Imaging to

Detect Biliary Excretion of 19F-Labeled Drug in Mice" in *Drug Metabolism and Disposition*, Volume 39, March 2011.

► **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director, Genomics, Institute for Genome Sciences, and **Pawel Gajer, PhD**, research associate, Department of Microbiology & Immunology and Institute for Genome Sciences, co-authored "Moving Pictures of the Human Microbiome" in *Genome Biology*, June 2011, Vol. 12, pp. R50.



Jean-Pierre Raufman, MD



Lynn Schriml, PhD

► **Lynn Schriml, PhD**, assistant Professor, Department of Epidemiology & Public Health and Institute for Genome Sciences, **Owen White, PhD**, professor, Department of Epidemiology & Public Health, and associate director of Genomics, Institute for Genome Sciences, co-authored an article entitled "The Genomic Standards Consortium" in *PLoS Biology*, June 2011; 9(6):e1001088.

► **Vladimir Toshchakov, PhD**, assistant professor, and **Stefanie Vogel, PhD**, professor, both from the Department of Microbiology & Immunology, and

**Leah Couture, MS IV**, (who also was the recipient of the 2010 Howard Hughes Medical Institute Research Training Fellowship for Medical Students) and **Henryk Szmacinski, PhD**, associate professor, and **Joseph Lakowicz, PhD**, professor, both from the Department of Biochemistry & Molecular Biology, co-authored



Michael E. Winters, MD

"Targeting TLR4 Signaling by TLR4 TIR-derived Decoy Peptides: Identification of the TLR4 TIR Dimerization Interface" in the *Journal of Immunology*, 2011; 186(8):4819-27. An image from this paper has been selected for the cover of the April 15, 2011, issue of *The Journal of Immunology*.

► **Michael E. Winters, MD**, associate professor, Department of Emergency Medicine, co-authored "Treating Critical Illness Caused by the 2009 H1N1 Influenza A Virus," which was published in the May 2011 issue of *The Journal of Emergency Medicine*.

## EVENTS, LECTURES & WORKSHOPS



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

► **Cynthia Bearer, MD, PhD**, professor, Department of Pediatrics, convened the 3rd annual Baltimore-Washington and Virginia Perinatal Club, which focuses on training fellows on research presentations. Attendees included senior and junior faculty and fellows from the seven area neonatology programs: University of Maryland, Johns Hopkins, Georgetown University, Children's National Medical Center, Virginia Commonwealth University, Uniformed Health Services and University of Virginia. In addition, Dr. Bearer was invited as a visiting professor to the University of New Mexico (UNM) on March 17, 2011, to present pediatric grand rounds as well as UNM's monthly Neuroscience Department Seminar.

► **Maureen Black, PhD**, John A. Scholl, MD, and Mary Louise Scholl, MD, Professor of Pediatrics, presented "Toddler Obesity Prevention: Healthy Lifestyle Behavior from the Beginning" at The Pediatric Obesity Symposium held at Children's National Medical Center, in Washington, DC, in May 2011. Additionally, Dr. Black presented "Obesity Prevention for Infants and Toddlers: Healthy Lifestyle Behavior for Families" at the University of Maryland Extension Working Forum for Parent-Child Feeding Interactions in Obesity Prevention- Advancing Research and Practice program in Annapolis in June 2011.



Deepak A. Deshpande, PhD

► **Deepak A. Deshpande, PhD**, assistant professor, Department of Medicine, presented "Bitter Taste Receptors on Airway Smooth Muscle: A New Therapeutic Target" at the European Academy of Allergy and Clinical Immunology in Istanbul, Turkey, in June 2011.

► **W. Florian Fricke, PhD**, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was an invited speaker at the Keystone Symposium on Microbial Communities as Drivers of Ecosystems Complexity in Breckenridge, Colorado, in March 2011. His lecture was entitled "CloVR—Automated, Portable and Cloud-Enabled Sequence Analysis."

► **Laura Pimentel, MD**, clinical associate professor, Department of Emergency Medicine, was an invited speaker at the US-China Symposium on Emergency

Medicine Education, sponsored by The United Family Healthcare Center for Disaster and Emergency Medicine Education and held in Beijing, China, in June 2011. She presented a lecture entitled "Residency Training in Emergency Medicine, Perspective USA" to 70 Chinese physicians and nurses. During that trip, she also presented a grand rounds lecture, "Community Hospital Emergency Departments: Managing for Quality and Safety," at the Beijing United Family Hospital. Additionally in June, Dr. Pimentel was a panelist on the topic of the benefit of a domestic violence program to a community hospital emergency department at a conference entitled "Programs & Partnerships: The Health Care Response to Domestic Violence," which was sponsored by the Maryland Health Care Coalition against Domestic Violence and held in Cheverly, Maryland.

► **Jacques Ravel, PhD**, associate professor, Department of Microbiology & Immunology, and associate director of Genomics, Institute for Genome Sciences, was the lead organizer of the Keystone Symposium on Microbial Communities as Drivers of Ecosystem Complexity in Breckenridge, Colorado, in March 2011. At the symposium, he presented a lecture entitled "Dynamics of the Vaginal Microbiota in Reproductive Age Women."

► **Stephen Reich, MD**, Frederick Henry Prince Distinguished Professor of Neurology, directed "Bell's Palsy: Clinical Overview, Differential Diagnosis and Update on Treatment" as well as presented three talks at the American Academy of Neurology Annual Meeting in Hawaii in April 2011. Dr. Reich's presentations were entitled "Bell's Palsy: History, Anatomy, Clinical Features, Differential Diagnosis," "Neurology Update II, Update in Movement Disorders," and "The Dystonias: Diagnosis, Treatment and Update on Causes, Video Examples: Common and Uncommon."

► **Stephen M. Schenkel, MD, MPP**, assistant professor, Department of Emergency Medicine, presented "The Morbidly Obese Patient in the Emergency Department" and "Simulation and Patient Safety in Emergency Medicine" at the Asian Conference for Emergency Medicine in Bangkok, Thailand, in July 2011.



Stephen Reich, MD



Stephen M. Schenkel, MD, MPP

## IN MEMORIAM

### EVENTS, LECTURES & WORKSHOPS *continued*

- **Kevin N. Sheth, MD**, assistant professor, Department of Neurology, chaired “Hemorrhagic Stroke” and co-chaired “Cerebrovascular Disease: Stroke Prevention” at the American Academy of Neurology Annual Meeting in Hawaii in April 2011.
- **Lisa M. Shulman, MD**, professor, Department of Neurology, presented “Patient Reported Outcome Tools” at the American Academy of Neurology Annual Meeting in Hawaii in April 2011.
- **Barney J. Stern, MD**, professor, Department of Neurology, was the director of Education Colloquium and presented the A.B. Baker Lifetime Achievement and A.B. Baker Teacher Award Recognition Awards at the American Academy of Neurology Annual Meeting in Hawaii in April 2011.
- **Hervé Tettelin, PhD**, associate professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was an invited speaker at the VIZBI 2011 Workshop on Visualizing Biological Data at the Broad Institute in Cambridge, Massachusetts, in March 2011, where he presented “Metagenomics and Functional Diversity.” In addition, Dr. Tettelin presented at the 4th Congress of European Microbiologists/Federation of European Microbiological Societies in Geneva, Switzerland, in June 2011. The abstract, co-authored by David Riley, bioinformatics software engineer, Institute for Genome Sciences, was entitled “Microbial Genomics: Impact of Comparative Analyses and Pan-Genome Studies.”
- **William J. Weiner, MD**, professor and chair, Department of Neurology, presented “Hyperkinetic Movement Disorders” at the AAN Annual Meeting in Hawaii in April 2011.

### ANNOUNCEMENT



- The **University of Maryland Children's Hospital's** new neonatal intensive care unit, or NICU, will open in fall 2012. The 52-bed single room unit will be environmentally green, provide developmentally appropriate care and be based in a family-centered care atmosphere. A parent will be able to room with their infant at all times. To accommodate this expansion, the University plans to hire three additional academically-oriented neonatologists in the coming year.

**Kenneth P. Johnson, MD**, professor emeritus, Department of Neurology, and former chair from 1981 to 2001, passed away on September 3, 2011. He was 79. Dr. Johnson is survived by his wife Jacquelyn; sons Thomas, Peter and Douglas; and daughter Diane, as well as a sister and two grandchildren.

“Ken was a visionary in the field of multiple sclerosis,” commented colleague Christopher T. Bever, MD, MBA, professor, Department of Neurology, to the *Baltimore Sun*.

During Dr. Johnson’s tenure, the department grew from eight to 35 faculty members, with strong programs in stroke, epilepsy, neuromuscular disease and movement disorders. Dr. Johnson’s interest in recovery from neurologic insult and in rehabilitation activities to improve function led to the department assuming responsibility for all rehabilitation activities in the University of Maryland Medical Center, and, subsequently, the establishment of a strong rehabilitation program at Kernan Hospital.

When he first became chair, there were no treatments recognized and approved to alter the course of multiple sclerosis (MS). Dr. Johnson and his colleagues conducted the majority of their studies on various types of interferon as potential MS therapies. This work led to FDA approval of beta interferon as the first drug available for the treatment of MS. During the same time, he became the national director for the Copaxone trial, which also led to FDA approval of that substance as a second MS therapy drug. These activities led to the founding of the Maryland Center for Multiple Sclerosis in 1983. Today, it is a major MS referral center in the Mid-Atlantic area, caring for over one-third of the MS patients in the region and conducting innovative research.

Dr. Johnson’s research career was supported uninterrupted for 30 years by NIH research funding, with additional support from the National Multiple Sclerosis Society and the Veterans Administration Research Service. In 2000, the American Academy of Neurology and the National Multiple Sclerosis Society in New York awarded Dr. Johnson the Annual Dystel Prize for Outstanding MS Research.

To sustain Dr. Johnson’s legacy of dedication to research and patient care, the University of Maryland School of Medicine Department of Neurology established the Ken Johnson, M.D. Memorial Fund for Multiple Sclerosis. The fund will benefit the Maryland Center for Multiple Sclerosis.

For more information and/or to donate to Dr. Johnson’s memorial fund, contact Patricia Bates, Office of Development, at [pbates@som.umaryland.edu](mailto:pbates@som.umaryland.edu) or x.6-8503, or visit <https://cfusiondev.umaryland.edu/checkout/som/multiple-sclerosis/>.



## HONORS & AWARDS



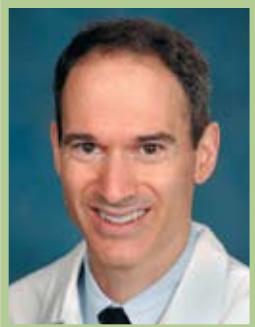
Congratulations to the following who have received honors!



Rebecca Brotman, PhD

► **Rebecca Brotman, PhD**, assistant professor, Department of Epidemiology & Public Health and Institute for Genome Sciences, received the “Maryland’s Top 100 Women” award from the *Daily Record* in March 2011. The award recognizes the outstanding achievements demonstrated by women through their professional accomplishment, community leadership and mentoring.

► In June 2011, **Stephen Davis, MBBS**, professor and chair, Department of Medicine, gave the State of the Department Address, where he presented the following Department of Medicine faculty with Teacher of the Year Awards in their respective divisions: **Gautam Ramani, MD**, assistant professor, Division of Cardiology; **Toni Pollin, PhD**, assistant professor, and **Elizabeth Streeten, MD**, associate professor, Division of Endocrinology, Diabetes and Nutrition; **Eric Goldberg, MD**, assistant professor, Division of Gastroenterology and Hepatology; **John Hong, MD**, associate Professor, Division of General Internal Medicine; **Eileen Barry, PhD**, associate professor, Division of Geographic Medicine; **Jacob Blumenthal, MD**, Assistant Professor, Division of Gerontology and Clinical Geriatrics; **Ivana Gojo, MD**, associate professor and **Ashraf Badros, MB, ChB**, professor, Division of Hematology-Oncology; **Devang Patel, MD**, assistant professor and **David Riedel, MD**, assistant professor, Division of Infectious Diseases; **Daniel Salzberg, MD, FACP**, assistant professor, and **Edward Weinman, MD**, professor, Division of Nephrology; **Nevins Todd, MD**, associate professor, Division of Pulmonary & Critical Care Medicine; and **Raymond Flores, MD**, associate professor, Division of Rheumatology and Clinical Immunology.



Christopher R. deFilippi, MD

► **Christopher R. deFilippi, MD**, associate professor, and **Stephen L. Seliger, MD, MS**, assistant professor, both from the Department of Medicine, each were given an award for Clinical Publication of the Year by **Stephen Davis, MBBS**, professor and chair, Department of Medicine, during Dr. Davis’ June 15, 2011, State of the Department Address for their publication “Association of Serial Measures of Cardiac Troponin T Using a Sensitivity Assay with Incident Heart Failure and Cardiovascular Mortality in Older Adults” in *JAMA*, December, 2010; Vol 304(22):2494-2502.

► **Jennifer DeSanto, RN, MS**, Department of Neurology, received a \$20,000 scholarship from the American Cancer Society and a \$3,000 scholarship from the Oncology Nursing Society.



Mangla Gulati, MMBs

► **Mangla Gulati, MMBs**, assistant professor, Department of Medicine, received the University of Maryland Physician Colleague Award for 2011 at the Special Achievement in Nursing Awards Ceremony held on May 11, 2011, at the University of Maryland Medical Center. Dr. Gulati is committed to providing safe, efficient and service-oriented care to patients in many different units. Dr. Gulati worked with nursing to develop a systematic approach in optimizing patient flow in order to communicate and forecast future discharges and the interventions needed to facilitate those discharges as efficient and timely.



Jennifer DeSanto, RN, MS

► **Marc C. Hochberg, MD, MPH**, professor, Departments of Medicine and Epidemiology & Public Health, received the prestigious Roger Demers Award (Prix Roger Demers) from The Laurentian Conference of Rheumatology. The award is named in honor of the founder of the conference and was given to Dr. Hochberg at the annual meeting in Mont Tremblant, Quebec, in recognition of his contributions to the international community of rheumatology. Dr. Hochberg gave two lectures at the conference: “Epidemiology of Osteoarthritis: Update 2011” and “Clinically Relevant Outcomes in Osteoarthritis.”



Marc C. Hochberg, MD, MPH

► **Amal Mattu, MD**, professor, Department of Emergency Medicine, has been named 2011 Program Director of the Year by the Emergency Medicine Residents’ Association (EMRA). The award was presented during the annual meeting of the Society for Academic Emergency Medicine, held in Boston in June 2011. At the same meeting, **Priya Kuppusamy, MD**, then a third-year resident and now clinical instructor and academic fellow, Department of Emergency Medicine, received EMRA’s Dedication Award, presented to a resident whose work promotes the specialty and the organization.

## HONORS & AWARDS *continued*

► **Melissa McDiarmid, MD, MPH**, professor, Departments of Medicine and Epidemiology & Public Health, was given an award for Clinical Publication of the Year by **Stephen Davis, MBBS**, professor and chair, Department of Medicine, during Dr. Davis' June 15, 2011, State of the Department Address for her publication "Chromosome 5 and 7 Abnormalities in Oncology Personnel Handling Anticancer Drugs" in the *Journal of Occupational and Environmental Medicine*, October 2010; Volume 52(10):1028-1034.

► **Aaron P. Rapoport, MD**, professor, Department of Medicine, received an award for Basic Science Publication of the Year by **Stephen Davis, MBBS**, professor and chair, Department of Medicine, during Dr. Davis' June 15, 2011, State of the Department Address for his publication "Combination Immunotherapy Using Adoptive T-cell Transfer and Tumor Antigen Vaccination on the Basis of hTERT and Survivin after ASCT for Myeloma" in *Blood*, January 2011; 117(3): 788-797. During the same address, **Deepak A. Deshpande, PhD**, assistant professor, Department of Medicine, was given an award for Basic Science Publication of the Year for his publication "Bitter Taste Receptors on Airway Smooth Muscle Bronchodilate by Localized Calcium Signaling and Reverse Obstruction" in *Nature Medicine*, November, 2010; Vol 16(11):1299.

► **Ligia Peralta, MD**, associate professor, Department of Pediatrics, was honored with the Robert S. Rixse Memorial Lectureship Award at Children's National Medical Center in Washington, DC, on June 8, 2011.



## NEW FACULTY

*We welcome our new faculty!*

► **Elias Abebe, MD**, joined the Department of Pediatrics as an assistant professor after graduating from the University of Maryland Neonatal-Perinatal Fellowship Program. Dr. Abebe's interest is in quality improvement research in neonatal intensive care units and neonatal infection. He graduated with his medical degree from Jimma University in Jimma, Ethiopia, and performed a residency at Addis Ababa University in Addis Ababa, Ethiopia, and then a pediatric residency at New York Methodist Hospital in Brooklyn, New York, before conducting his fellowship at Maryland.



Elias Abebe, 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:** Tammy Vyskocil

**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 Anesthesia Research or STAR-ORC:**  
Jane Anderson

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

**Center for Vaccine Development:**  
Gloria Smedley

**Center for Vascular & Inflammatory Diseases:** 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

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