



# 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

JUNE 2010 VOL.11 No.10

## APPOINTMENTS



*We applaud our colleagues on their recent appointments!*

► **Kenneth Butler, DO**, associate professor, Department of Emergency Medicine, has been named an honorary fellow of the American College of Osteopathic Emergency Physicians. The announcement was made in Chicago, Illinois, in January 2010 during the organization's annual national board review course, for which Dr. Butler has served as an invited faculty member since 2006.

► **Claire Fraser-Liggett, PhD**, professor, Departments of Medicine and Microbiology & Immunology and director, Institute for Genome Sciences, was appointed to the Maryland Technology Development Corporation (TEDCO) Board of Directors by Governor Martin O'Malley in February 2010. TEDCO is an investor in Maryland's young technology-based companies and also promotes entrepreneurship and the creation of jobs in the technology-related industry throughout the state.



Claire Fraser-Liggett, PhD

► **Ziv Haskal, MD**, professor, Department of Diagnostic Radiology & Nuclear Medicine, has been appointed to the executive council of the Society of Interventional Radiology (SIR) as well as to the board of directors of its educational foundation, the SIR Foundation.



Ziv Haskal, MD

► **Geoffrey Rosenthal, MD**, professor, Department of Pediatrics, who has been a member of the Pediatric Advisory Committee (PAC) to the Food and Drug Administration since July 2007, has been appointed chair of the PAC for a two-year term ending June 30, 2011. Recognized for his fair and thoughtful perspective during committee deliberations and his expertise in many sectors across the complex arena of pediatric health, including cardiology, general medicine and devices, Dr. Rosenthal's appointment will be critical as the committee extends its scope beyond drugs to encompass biologics and devices.



Geoffrey Rosenthal, MD

► **Lydia Temoshok, PhD**, professor, Institute of Human Virology and Department of Medicine, was invited to be a member of the new College of Center for Scientific Reviewers at the National Institutes of Health for a two-year term. This invitation-only membership is "restricted to senior respected members of the scientific community with a strong commitment to peer review."



Lydia Temoshok, PhD

## HONORS

## & AWARDS



*Congratulations to the following who have received honors!*

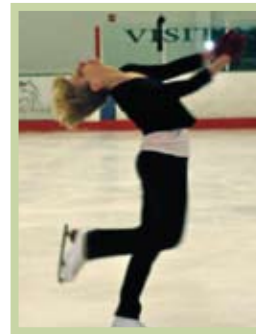
- ▶ **Brian Berman, MD**, professor, Department of Family & Community Medicine, and director, Center for Integrative Medicine, was a winner in the category of Advancements in Health Care at the annual Health Care Heroes awards, sponsored by *The Daily Record*.
- ▶ The endoscopy unit at the University of Maryland Medical Center recently received a certificate of recognition from the American Society for Gastrointestinal Endoscopy (ASGE) for its adherence to ASGE safety guidelines and commitment to quality assurance in endoscopy. The unit is headed by **Peter Darwin, MD**, associate professor, Department of Medicine. It was one of only 33 endoscopy units in the United States to be honored with this distinction.
- ▶ **Benjamin Lawner, DO, EMT-P**, clinical instructor, Department of Emergency Medicine, received the George J. Koenig, Jr., DO, Distinguished Service Award from the National Collegiate EMS Foundation (NCEMSF) during the organization's annual conference, held in Baltimore in February 2010. Dr. Lawner has been a member of NCEMSF since 1995 and now serves as an advisor. The award recognizes his commitment to campus-based emergency medical services and to the education of pre-hospital care providers.
- ▶ On February 12, **Philip Mackowiak, MD, MBA, MACP**, professor & vice chair,



L-R: Dr. "Dobbin" Chow, governor-elect of the MD Chapter ACP, Thom Reznick and his family, Dr. Mackowiak, and Dr. Mary Newman, current governor of the MD Chapter ACP.

Department of Medicine, was surprised at the local Chapter meeting of the Maryland American College of Physicians with the naming of an annual student award in his honor. The newly created "Philip A. Mackowiak, MD Student Award" was presented to recent School of Medicine graduate Thom Reznick. Henceforth, the award will be given annually to a student who demonstrates outstanding student leadership.

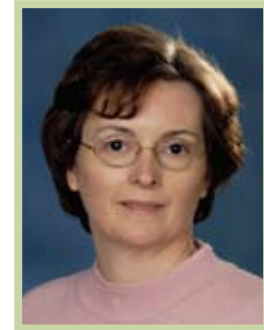
- ▶ **Wendy Sanders, MA**, assistant dean for Research Career Development, competed at the 2010 U.S. Adult Figure Skating Championships, held in Bloomington, Minnesota, in April 2010. This competition is the largest



Wendy Sanders, MA

figure skating competition for adult skaters in the U.S., drawing several hundred participants, who compete by age category as well as skill level. Ms. Sanders qualified for the championships by passing four levels of figure skating tests required by United States Figure Skating. She competed in the Adult Bronze Freestyle skating program, which requires a routine with five jumps and three spins.

- ▶ **Donna Shaw, MS, MLS (ASCP)**, instructor, Department of Medical & Research Technology, received the 2010 ASCP Mid-Atlantic Regional Member Award from the American Society for Clinical Pathology. Eight regional awards are presented annually to recognize members across the U.S. for their commitment to the profession and their outstanding service in support of ASCP activities on a local level.



Donna Shaw, MS, MLS (ASCP)

- ▶ **Vladimir Toshchakov, PhD**, assistant professor, Department of Microbiology & Immunology, received an American Association of Immunologists (AAI) Junior faculty travel grant. This grant is intended to assist young investigators with travel to the AAI Annual Meeting. Grantees were selected on the basis of career progress and the submission of a first-author abstract to the annual meeting. Awardees will be presented with a \$700 cash award during that meeting.



Vladimir Toshchakov, PhD



## PUBLICATIONS

*Hats off to those who have been published!*

▶ **John Ackerman, PhD**, and **Tracy Riggins, PhD**, post-doctoral fellows, and **Maureen Black, PhD**, professor, all from the Department of Pediatrics, published “A Review of the Effects of Prenatal Cocaine Exposure among School-age Children” in *Pediatrics*, March 2010;125(3), 554-565.

▶ **Edward Becker, MD**, resident physician, Department of Orthopaedics, co-authored “Advancements in the Treatment of Distal Humeral Fractures,” an invited article in the August 2009 issue of *Current Orthopaedic Practice* 2009;20(4):345-348.

▶ **Carol Carraccio, MD, MA**, professor, Department of Pediatrics, and director of the Pediatric Residency Program, published “Initiative for Innovation in Pediatric Education: the Path Forward to Transforming Pediatric Graduate Medical Education” in the April issue of *Pediatrics*. Dr. Carraccio was also a co-author on “The Next Phase of Pediatric Residency Education: The Partnership of the Milestones Project” in *Academic Pediatrics* 2010;10:91-2.

▶ **Shannon DeLany Dixon, MS**, assistant professor, Department of Pediatrics, co-authored Chapter 4, “Risk Communication: A Complex Process in Genetic Counseling Practice,” in *Genetic Counseling Practice: Advanced Concepts and Skills*.

▶ **Martin Flajnik, PhD**, professor, Department of Microbiology and Immunology, published “Origin and Evolution of the Adaptive Immune System: Genetic Events and Selective Pressures” in *Nature Reviews Genetics* (2010) 11:47-59.

▶ **Paula Richley Geigle, PT, PhD**, assistant professor, **Karen Lynn Gordes, PT, DScPT**, assistant professor, and students **Kimberly Dodson** and **Gene Shirokobrod**, all from the Department of Physical Therapy & Rehabilitation Science,

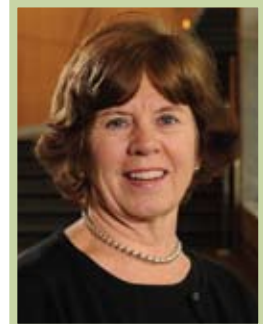
published “Initiate Weightbearing Early After Hip Fracture” in the March 2010 issue of *Lower Extremity Review*.

▶ **Daniel Gelb, MD**, associate professor, Department of Orthopaedics, wrote “When to Perform Fusion in Association with Symptomatic de Novo Scoliosis” and co-wrote, with **Mohit Gilotra, MD**, resident physician, Department of Orthopaedics, “Indications for Fusion to Treat Adult Scoliosis.” Both are book chapters in *Arthritis and Arthroplasty: The Spine* by Elsevier.

▶ **Erin Hager, PhD**, assistant professor, and **Maureen Black, PhD**, professor, both from the Department of Pediatrics, published “Development and Validation of a Toddler Silhouette Scale” in *Obesity* (2010) 18(2): 397-401.

▶ **Matthew Laurens MD, MPH**, assistant professor, Department of Pediatrics, **Shannon Takala Harrison, PhD**, assistant professor, **Kirsten Lyke, MD**, assistant professor, and **Christopher Plowe, MD, MPH**, professor, all from the Department of Medicine and Center for Vaccine Development, co-authored a paper entitled “Safety and Immunogenicity of an AMA1 Malaria Vaccine in Malian Children: Results of a Phase 1 Randomized Controlled Trial” in *PLoS One*, 2010, Feb 4;5(2):e9041.

▶ **Steven Ludwig, MD**, associate professor, Department of Orthopaedics, co-authored “Posttraumatic Arthritis of the Cervical Spine,” “Expanded Indications for the Use of Minimal Incision Surgery Spinal Instrumentation” and “Surgical Management of Thoracic Stenosis with Myelopathy,” all book chapters that were published in *Arthritis and Arthroplasty: The Spine*. He also co-authored “Rheumatoid Arthritis: Spinal Manifestations and Surgical Treatment” at *AAOS Orthopaedic Knowledge Online* in November 2009. Dr. Ludwig, along with **Brian Duggan, MD**, resident physician, and **Daniel Gelb, MD**, associate professor, both from the Department of Orthopaedics, co-authored “Ectopic Bone Formation in the Pelvis after Combined Anterior and Posterior Fusion of the Spine with Osteogenic Protein-1 Use: A Case Report,” published in the *Journal of Spinal Disorders & Techniques*, January 15, 2010 (Epub ahead of print). Drs. Gelb and Ludwig also co-authored “C1 Lateral Mass Anatomy: Proper Placement of Lateral Mass Screws” in the October 2009 issue of the *Journal of Spinal Disorders & Techniques* 2009;22(7):516-52 and “Central Cord Syndrome” in the December issue of the *Journal of the American Academy of Orthopaedic Surgeons* 2009;17(12):756-765.



Maureen Black, PhD



Martin Flajnik, PhD



Paula Richley Geigle, PT, PhD



## PUBLICATIONS *continued*

► **Robert O'Toole, MD**, assistant professor, and **Andrew Pollak, MD**, associate professor, Department of Orthopaedics, co-authored "Surgeons and Their Patients Disagree Regarding Cosmetic and Overall Outcomes after Surgery for High-Energy Lower Extremity Trauma" in the November-December issue of the *Journal of Orthopaedic Trauma* 2009;23(10):716-723. They also co-authored "Resuscitation before Stabilization of Femoral Fractures Limits Acute Respiratory Distress Syndrome in Patients with Multiple Traumatic Injuries Despite Low Use of Damage Control Orthopaedics" in the November 2009 issue of the *Journal of Trauma* 2009;67(5):1013-1021. Dr. O'Toole, along with **Alec Stall, MD**, resident physician, and **Jason Nascone, MD**, assistant professor, both from the Department of Orthopaedics, co-authored "Biomechanical Comparison of Proximal Locking Plates and Blade Plates for the Treatment of Comminuted Subtrochanteric Femoral Fractures" in the October 2009 issue of the *Journal of Orthopaedic Trauma* 2009;23(9):628-633; and co-authored with **Augusta Whitney, MD**, resident physician, and **Emily Hui, MPH**, research coordinator, Department of Orthopaedics, "Variation in Diagnosis of Compartment Syndrome by Surgeons Treating Tibial Shaft Fractures" in the October 2009 issue of the *Journal of Trauma* 2009;67(4):735-741.

► **Vincent Pellegrini Jr., MD**, the James Lawrence Kernan Professor and Chair, Department of Orthopaedics, co-authored "Dealing with Complications," "Revision Total Knee Arthroplasty: The Preoperative Evaluation," "Revision Total Knee Arthroplasty: Complicated Cases," and "Venous Thromboembolism Debate in Joint Arthroplasty," all in the August 2009 supplement to the *Journal of Bone and Joint Surgery (American)*. He also wrote "Mentoring: Our Obligation...Our Heritage" for the October 2009 issue of the *Journal of Bone and Joint Surgery (American)*, co-authored "Position Statement in Support of National Joint Registries" in the December 2009 issue of the *Journal of Bone and Joint Surgery (American)* and co-authored "Orthopaedic Surgeons and the Medical Device Industry: The Threat to Scientific Integrity and the Public Trust" in the March 2010 issue of the *Journal of Bone and Joint Surgery (American)*.



Vincent Pellegrini Jr., MD

► **Raymond Pensey, MD**, assistant professor, and **W. Andrew Eglseder, Jr., MD**, associate professor, Department of Orthopaedics, co-authored "Biomechanical Comparison of Two Headless Compression Screws for Scaphoid Fixation" in the winter issue of the *Journal of Surgical Orthopaedic Advances* 2009;18(4):182-188. The two also co-authored, with **Mary Zadnik Newell, OTR/L, MEd**, research specialist, "AO Types C3.1 and C3.2 Distal Radius Fractures: Functional Outcomes" for the fall issue of the *Journal of Surgical Orthopaedic Advances* 2009;18(3):139-146.



Raymond Pensey, MD

► **Andrew Pollak, MD**, associate professor, Department of Orthopaedics, co-authored numerous publications recently, including "Factors Associated with Surgeon Referral for Physical Therapy in Patients with Traumatic Lower-Extremity Injury: Results of a National Survey of Orthopedic Trauma Surgeons" in the September 2009 issue of *Physical Therapy* 2009;89(9):893-905; "Use of Negative Pressure Wound Therapy during Aeromedical Evacuation of Patients With Combat-Related Blast Injuries" in the *Journal of Surgical Orthopaedic Advances* 2010;19(1):44-48, "The Relationship between Time to Surgical Debridement and Incidence of Infection after Open High-Energy Lower Extremity Trauma" in the January 2010 issue of the *Journal of Bone and Joint Surgery (American)* and "Extremity War Injuries: Collaborative Efforts in Research, Host Nation Care, and Disaster Preparedness" in the January issue of the *Journal of the American Academy of Orthopaedic Surgeons* 2010;18(1):3-9. He also wrote "Common Decision-Making Errors in Limb Salvage," a chapter in the book, *Complications in Orthopaedics: Open Fractures*, published by the American Academy of Orthopaedic Surgeons in January 2010. He served as co-editor of the American Academy of Orthopaedic Surgeons book, *Advanced Assessment and Treatment of Trauma*, published by Jones & Bartlett Publishers in October 2009.



Andrew Pollak, MD

## PUBLICATIONS *continued*

► **Bhawna Poonia, PhD**, research associate, **C. David Pauza, PhD**, professor, and **Maria Salvato, PhD**, professor, all from the Institute of Human Virology and Department of Medicine, published a review article entitled “Role of the Fas/ FasL Pathway in HIV or SIV Disease” in *Retrovirology* 6, October 2009 edition.

► **Sarah Oberlander, PhD**, post-doctoral fellow, **Kristin Hurley, PhD**, assistant professor, and **Maureen Black, PhD**, professor, all from the Department of Pediatrics, published “Stability of Maternal Depressive Symptoms among Urban, Low-income, African-American Adolescent Mothers” in the *Journal of Affective Disorders*, 122, 68-75. Drs. Oberlander and Black, along with **Wendy Miller, PhD**, and **Avril Houston, MD**, post-doctoral fellows in the Department of Pediatrics, also published “A Seven-year Investigation of Marital Expectations and Marriage among Low-income, Urban, African-American Adolescent Mothers” in the *Journal of Family Psychology*, 24, 31-40.

► **Elizabeth Streeten, MD**, associate professor, Department of Medicine, co-authored a paper entitled “Variable Bone Fragility Associated with an Amish COL1A2 Variant and a Knock-in Mouse Model” in the *Journal of Bone and Mineral Research*, 2009 December 14. Her co-authors included the Department of Medicine’s **Daniel McBride Jr., PhD**, assistant professor, **Alan Shuldiner, MD**, professor, and **John Sorkin, MD, PhD**, associate professor. In addition, Drs. Streeten, Shuldiner and **Patrick McArdle, PhD**, assistant professor, Department of Medicine, were part of a group of co-authors on a paper on genes related to menarche entitled “Meta-analysis of Genome-wide Association Data Identifies Two Loci Influencing Age at Menarche” in the journal *Nature Genetics*, 41, 648-650, 2009.



Elizabeth Streeten, MD



Patrick McArdle, PhD



John Sorkin, MD, PhD

## IN THE NEWS



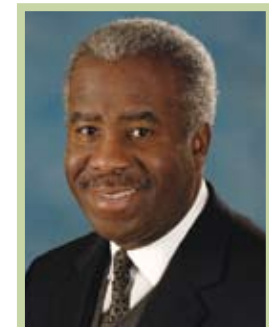
*A job well done to all who have kept us in the media spotlight!*

► **Steven Czinn, MD**, professor and chair, along with **Maureen Black, PhD**, professor, **Debra Counts, MD**, associate professor, **Virginia Keane, MD**, associate professor, and **Alessio Fasano, MD**, professor, all from the Department of Pediatrics, and **Yvette Rooks, MD**, assistant professor, Department of Family & Community Medicine, had the opportunity to attend a special event featuring First Lady Michelle Obama at the Newseum in Washington, DC, in March 2010. The First Lady started a nationwide campaign called “Let’s Move,” with the goal of ending childhood obesity. The event was sponsored by *Newsweek* magazine to promote its March 22 cover story about Mrs. Obama’s campaign. At the event, Dr. Czinn spoke with Claudia Kalb, senior writer for *Newsweek*, who covers health and medicine. She will be writing stories about obesity-related outreach programs in various cities and interviewed Dr. Czinn about programs his department has in place to tackle this problem in Baltimore.



Steven Czinn, MD

► **Walter Royal, MD**, professor, Department of Neurology, appeared March 11 on *Good Morning Maryland* on ABC 2 News. Dr. Royal, who is also director of the University of Maryland Medical Center’s Multiple Sclerosis Center, spoke about MS, the progress being made on treatment and possible cures, and why it’s important to support the Walk for MS.



Walter Royal, MD

## EVENTS, LECTURES

## & WORKSHOPS



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

► **Maureen Black, PhD**, professor, Department of Pediatrics, was a visiting professor at the University of Colorado Medical Center in Denver, Colorado, in January 2010. She presented “Responsive Feeding and Children’s Health and Development.” Dr. Black also presented “Hunger and Health” at the Division of Nutrition and Research Coordination, National Institutes of Health in Bethesda in March 2010.



Howard Dubowitz, MB, ChB

► **Howard Dubowitz, MB, ChB**, professor, Department of Pediatrics, was an invited presenter at the 23rd Annual San Diego International Conference on Child and Family Maltreatment in San Diego, California, in January 2010. He presented sessions on “The Safe Environment for Every Kid (SEEK) Model: Pediatric Primary Care Can Help Prevent Child Maltreatment” and “The Prevention of Child Maltreatment: What’s Known About What Works?”

► **Alessio Fasano, MD**, professor, Department of Pediatrics, and director of the Center for Mucosal Biology and the Center for Celiac Research, gave a variety of presentations in March 2010. He spoke on “Intestine, Leaky Gut, and Autism: Serendipitous Association or Calculated Design?” at the ATEDM Annual Medical Conference in Montreal, Canada, on March 12; presented “Medical Management of Celiac Disease from Screening to Long-term Care” at the Paoli Hospital Celiac Center Kickoff in Paoli, Pennsylvania, March 17; led grand rounds on “Celiac Disease: The Past, The Present, and The Future” at Paoli Hospital and participated in the Penn State Family Medicine Seminar Series “Celiac Disease: How to Handle a Clinical Chameleon” at The Pennsylvania State University in University Park, Pennsylvania, also on March 18; presented “The Link Between Autism and the Gastrointestinal Tract” at the Children’s Hospital of Philadelphia’s seminar “The Spectrum of Feeding Disorders: Feeding Those on the Spectrum” on March 26; and spoke to the Baltimore-area celiac support group about the University of Maryland Center for Celiac Research on March 28.

► **Martin Flajnik, PhD**, professor, Department of Microbiology & Immunology, presented at seminars at the University of Beijing and at the University of Arizona in January 2010. Both were entitled “Antibodies and Gamma/delta T Cell Receptors: What’s the Difference?”

► **Benjamin Lawner, DO, EMT-P**, clinical instructor, **Amal Mattu, MD**, associate professor, and **Robert Rogers, MD**, assistant professor, all from the Department of Emergency Medicine, and **Christopher Stephens, MD**, assistant professor, Department of Anesthesiology, and **Deborah Stein, MD, MPH**, associate professor, Department of Surgery and Program in Trauma, were invited speakers at 17th Annual Conference of the National Collegiate EMS Foundation, held in Baltimore in February 2010. Also participating were emergency medicine residents **Jason Adler, MD**, **Timothy Chizmar, MD**, and **Joshua Moskovitz, MD, MPH**. More than 850 collegiate EMS providers and advisors from across the country attended the event. Dr. Lawner, who serves as Deputy EMS Medical Director for the Baltimore City Fire Department, facilitated the fire department’s presentation of skills labs and educational sessions for conference attendees.



Robert Rogers, MD

► **Stephen Liggett, MD**, professor, Departments of Medicine and Physiology, and associate dean for Interdisciplinary Research, presented grand rounds at Scripps Clinic Green Hospital in San Diego, California, in March 2010. His topic was “Molecular and Genetic Basis of Responsiveness to Beta-Blockers in Heart Failure.” Dr. Liggett also presented “Pharmacogenomics of Heart Failure Therapy” at The Future of Genomic Medicine III Conference in La Jolla, California, in March 2010.

► **Philip Mackowiak, MD, MBA, MACP**, professor & vice chair, Department of Medicine, was a plenary speaker at the annual meeting of the Arizona Infectious Diseases Society in Sedona, Arizona, in March 2010. He presented on two



Christopher Stephens, MD, and Ben Lawner, DO, EMT-P



## EVENTS, LECTURES & WORKSHOPS *continued*

topics: “Antipyretic Therapy: Physiological Rationale, Diagnostic Significance and Clinical Consequences” and “Alexander’s Fever.” Dr. Mackowiak was also the Rabiner Visiting Professor for the Legacy Health Care System in Portland, Oregon, in March 2010, where he presented the 2010 Oregon Health Sciences University History of Medicine Society Lecture. His topic was “Pericles and the Plague of Athens.”

► **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, presented “Malaria Eradication” during the 14th International Congress on Infectious Diseases, which took place in Miami, Florida, in March 2010.



Christopher Plowe, MD, MPH

► **Alice Ryan, PhD**, professor, Department of Medicine, presented “Metabolic Improvements with Exercise Training and Weight Loss in Obese Postmenopausal Women” at Georgetown University’s Lombardi Cancer Center in January 2010.



Alice Ryan, PhD

► **Terez Shea-Donohue, PhD**, professor, Department of Medicine, presented “Immune Regulation of Intestinal Epithelial Cell Function” at the USA/Ireland Functional Foods Conference in Cork City, Ireland, in March 2010.



Amy Sisley, MD, MPH

► **Amy Sisley, MD, MPH**, assistant professor, Department of Surgery, presented “Ultrasound Imaging of the Thorax and Vessels” at the Society for Critical Care Medicine’s 39th Critical Care Congress, held in Orlando, Florida, in January 2010. She also pre-

sented “International Trauma Training: Teaching and Evaluating Physicians in a Cross Cultural Setting” at the Eastern Association for the Surgery of Trauma 23rd Annual Scientific Assembly, held in Phoenix, Arizona, in January 2010.

► **Lydia Temoshok, PhD**, professor, Institute of Human Virology and Department of Medicine, gave an oral presentation on “Developing an Intervention Model Aimed at Reducing HIV Progression Based on Targeting Empirically Linked Biopsychosocial Mediators,” at the American Psychosomatic Society 68th Annual Scientific Meeting in Portland, Oregon, in March 2010.

► **Stefanie Vogel, PhD**, professor, Department of Microbiology & Immunology, spoke at the Symposium on Alternative Activation of Macrophages at the National Institutes of Health in February 2010. Her presentation was entitled “Role of Alternatively Activated Macrophages in the Host Response to *Francisella tularensis*.”



Stefanie Vogel, PhD

► **William Weiner, MD**, professor and chair, Department of Neurology, presented two lectures at the 17th World Federation of Neurology World Congress on Parkinson’s Disease and Related Disorders in Miami Beach, Florida, in December 2009. His talks were entitled “What Do Clinical Trials Tell Us About Treating Individual Patients?” and “Atypical Parkinsonism.”

► **Michael Winters, MD**, assistant professor, **Joseph Martinez, MD**, assistant professor, **Roger Stone, MD, MS**, clinical assistant professor, **Amal Mattu, MD**, associate professor, and **Robert Rogers, MD**, assistant professor, all from the Department of Emergency Medicine, were invited speakers at the 16th Annual Scientific Assembly of the American Academy of Emergency Medicine, held in Las Vegas, Nevada, in February 2010. They presented nine of the lectures on the conference program and led a two and a half-hour panel discussion, giving the University of Maryland the highest faculty representation of all residencies in the country. In addition, **Larry Weiss, MD, JD**, professor, completed his term as president of the national organization.

## GRANTS &

## CONTRACTS



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

- ▶ **Niel Constantine, PhD**, professor, Department of Pathology, received a two-year \$340,000 Supply Chain Management System Award for his “Proposal to Establish and Implement Procedures to Assure Suitability for Intended Use of Laboratory Supplies, and HIV/AIDS, TB, Syphilis, Hepatitis and Pregnancy Rapid Test Kits,” a one-year \$208,000 Chembio Award for his work to “Evaluate the Performance of the Chembio DPP HIV 1/2 Screen Rapid Test,” a one-year \$35,289 Iris Molecular Diagnostics Award for his work on the “Comparison of Two Immuno-PCR Methods for HIV p24 Antigen,” and a one-year \$5,200 bioLytical Laboratories Award for his work on a “Reproducibility Study, INSTI HIV-1 Antibody.”
- ▶ **Simeon Goldblum, MD**, professor, Department of Medicine, received VA Merit Review funding of \$200,000 per year for four years for his project “Endotoxin/TLR4 Signaling Regulates Lung Endothelial Paracellular Pathway.”
- ▶ **Kristen Hurley, PhD**, assistant professor, Department of Pediatrics, received a one-year \$92,593 NIH grant for “Maternal Mental Health and Child Nutrition: Early Pathways.” With this grant, the University of Maryland’s Organized Research Effort in Women’s Health and the BIRCWH K12 Program will be extended for another year upon review and approval. In addition, Dr. Hurley and **Maureen Black, PhD**, professor, Department of Pediatrics, in collaboration with the National Institute of Nutrition in Hyderabad, India, have been awarded \$647,000 by the Micronutrient Initiative to fund “Innovative Strategies to Promote Early Child Development among Low-income Rural Infants and

Preschoolers in India through Multiple Micronutrient Fortification and Early Learning Opportunities.”

- ▶ **James Nataro, MD, PhD, MBA**, professor, Department of Pediatrics and Center for Vaccine Development, received a two-year \$1,099,740 grant through the Enteric Vaccine Initiative of the Program for Appropriate Technology in Health entitled “A Toxoid Vaccine against Heat-Stable Enterotoxin of *E. coli*.” The overall goal of this project is the development of a conjugate ST toxoid vaccine candidate against enterotoxigenic *E. coli*, the major cause of traveler’s diarrhea and of bacterial watery diarrhea among children in developing countries.
- ▶ **Christopher Plowe, MD, MPH**, professor, Department of Medicine and Center for Vaccine Development, received a three-year \$1.5 million contract from USAID for “Molecular Surveillance of Drug Resistant Malaria in the Greater Mekong Subregion.” The contract has a two-year option period for an additional \$1 million. Additionally, Dr. Plowe received a five-year \$970,000 grant from the University of Oxford, funded by Bill and Melinda Gates Foundation, to oversee the molecular module of the worldwide anti-malarial drug resistance network, aka the WWARN project, whose purpose is to develop and manage a global database to validate new research tools for efficacious use of anti-malarial drugs.
- ▶ **Jean-Pierre Raufman MD**, professor, Department of Medicine, received a five-year \$1,848,308 T32 Training Grant as program director for Research Training in Gastroenterology.
- ▶ **Stefanie Vogel, PhD**, professor, Department of Microbiology & Immunology, was awarded a five-year \$3.7 million competing renewal award on an NIH R37 grant entitled “Differentiative Signals for Macrophage Activation.”

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:**  
NO DESIGNEE

**Medical & Research Technology:**  
Cynthia Stambach

**Medicine:** Molly Lutz

**Microbiology & Immunology:**  
Teri Robinson

**Neurology:** Paula Gilley

**Neurosurgery:** Terry Roberts

**Obstetrics, Gynecology & Reproductive Sciences:** Chris Whitley

**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:** Caelie Haines

**Physiology:** Ken Fahnstock

**Psychiatry:** Vee Porter-Brown

**Radiation Oncology:** Jill Rosenberg

**Surgery:** NO DESIGNEE

**Program in Comparative Medicine:**  
Deborah Sanchez

**Program in Complementary Medicine:** Kat Farber

**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:**  
Kat Farber

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

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

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

**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:**  
Renée Nathaniel

**Institute of Human Virology:**  
Nora Grannell

**MD/PhD Program:** Jane Bacon

**Office of Admissions:** Mickey Foxwell

**Office of Development:** Emily Cooke

**Office of Information Services:**  
Jim McNamee

**Office of Policy & Planning:**  
LaRondi Flowers

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

**Office of Public Affairs:**  
Heather Graham Phelps

**Office of Student Affairs:**  
Dawn Roberts

**Office of Student Research:**  
Jordan Warnick

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