



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!



Richard Eckert, PhD

► **Richard Eckert, PhD**, the John F. B. Weaver Distinguished Professor and Chair of the Department of Biochemistry and Molecular Biology, was recently awarded an R01 grant from NIH/NCI to research “Stem Cells and Skin Cancer Prevention and Angiogenesis.”

► **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research and Vice-Chair for Research, Department of Anesthesiology, received a three-year, \$2,307,489 award from the US Air Force Medical Service for “Effects of Hypoxia on Brain Injury and Mortality Following Head Trauma Combined with Hemorrhagic Shock.” Co-investigators include **Deborah Stein, MD**, Associate Professor; **Raymond Fang, MD**, Clinical Associate Professor; and **Stacey Shackelford, MD**, Clinical Assistant Professor, all from the Department of Surgery and the Program in Trauma; **Adam Puche, PhD**, Associate Professor, Department of Anatomy & Neurobiology; **Robert Rosenthal, MD**, Professor, Department of Emergency Medicine; **Rao Gullapalli, PhD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine; and **Turhan Coxsaygan, DVM, PhD**, Assistant Professor, Department of Pathology.



Stella Hines, MD, MSPH

► **Stella Hines, MD, MSPH**, Assistant Professor, Department of Medicine, received a two-year, \$499,569 grant from The



Gary Fiskum, PhD

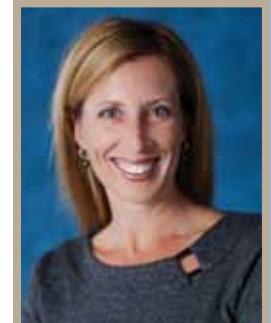
Centers for Disease Control and Prevention (CDC) for “Respirator Selection Factors and User Acceptance in Healthcare Workers: What Elastomeric Users are Saying.”

► **Deanna Kelly, PharmD, BCPP**, Professor, Department of Psychiatry and the Maryland Psychiatric Research Center (MPRC) and co-PI Reza Ghodssi, PhD, from the University of Maryland, College Park School of Engineering, received a two-year, \$740,923 grant award from the National Institutes of Mental Health (NIMH) for “Microsystem Development for Clozapine Monitoring in Schizophrenia.” The PIs and their co-investigators are developing lab-on-a-chip sensor technology to monitor clozapine levels in real-time.

► **Jay Magaziner, PhD, MSHyg**, Professor and Chair, Department of Epidemiology & Public Health, received a five-year, \$105,065 award from NIH via Brigham and Women’s Hospital for a “Randomized Trial of Multifactorial Fall Injury Prevention Strategy.”

► **Darren Perkins, PhD**, a Research Associate in the lab of **Stefanie Vogel, PhD**, Professor, Department of Microbiology & Immunology, received \$100,000 in funding over two years from the Center for Vaccine Development, approved by the NIH, for his pilot project “Mechanism by Which Host Type I Interferon Promotes *Salmonella* Pathogenesis.”

► **Nevil Singh, PhD**, Assistant Professor, Department of Microbiology & Immunology, received a five-year, \$250,000 R01 award from NIH and the National Institute of Allergy and Infectious Diseases (NIAID) for “Role of Sub-Activation-Threshold TCR Interactions in Maintaining T Cell Memory.”



Deanna Kelly, PharmD, BCPP



Nevil Singh, PhD

NEW FACULTY



We welcome our new faculty!

► **Nidhi Rawal, MBBS, MPH**, has joined the Department of Pediatrics as a non-tenure track Assistant Professor in the Division of Gastroenterology & Nutrition. Dr. Rawal obtained her MBBS from the University of Delhi, Lady Hardinge Medical College (2004). She received her MPH from Johns Hopkins Bloomberg School of Public Health (2011). She also completed a Pediatric Residency at Brookdale University Hospital and Medical Center in Brooklyn, NY (2009) and did a Fellowship at the University of Maryland Medical Center in Pediatric Gastroenterology, Hepatology and Nutrition, (2014). Dr. Rawal is Board certified in Pediatrics. She is a member of the American Academy of Pediatrics, the Pediatric Neurogastrointestinal Motility Committee (NASPGHAN), the North American Society of Pediatric Gastroenterology and Nutrition (NASPGHAN), and the American College of Gastroenterology (ACG). She is the recipient of honors and awards such as: Intern of the Year Award, for distinguished clinical performance as an intern; Senior Resident Teaching Award, for contributions towards teaching and learning of medical students and interns; and an American College of Gastroenterology Presidential Award for “A Systematic Review on Gluten- and Casein-Free Diets in Autism: “What Do We Know?”



Asifa Shafi, OD, MS

► **Asifa Shafi, OD, MS**, joined University of Maryland Eye Associates in December 2014. She is also an Instructor in the Department of Ophthalmology and Visual Sciences. A native New Yorker, Dr. Shafi completed her undergraduate degree with honors at Stony Brook University. She earned her Doctorate of Optometry at State University of New York College of Optometry in 2005, followed by a Residency in Hospital Care Medicine at the Baltimore and Perry Point Veteran’s Administration Medical Centers in 2006. She holds a Master’s Degree in Vision

Science from the State University of New York College of Optometry, which she completed in 2010. Dr. Shafi collaborated with Dr. William H. Swanson and Dr. Mitchell Dul performing extensive research on structural and functional correlations in glaucoma. She has received the Dean Yager award for

her work. She is currently pursuing her fellowship for the American Academy of Optometry. Dr. Shafi has significant

knowledge and experience in pediatric and geriatric eye care, soft and hard (RGP) contact lenses, diabetic eye care, glaucoma management, eye disease and general eye health. She has worked extensively with autistic children and adults with disabilities. She deals with patients daily that require optimal vision. She has been residing in the Maryland area since 2005 and has previously worked at Walmart (Towson and Hunt Valley), Dankner and Fiergang Eye Associates, Baltimore Washington Eye Associates, and Eyes on Main.

► **Dennis Sparta, PhD**, has been appointed as an Assistant Professor in the Department of Anatomy & Neurobiology. Dr. Sparta received his BA from Rutgers University in 2002. In 2004, he received his MA in Biological Psychology from the University of North Carolina at Chapel Hill and completed a PhD in Behavioral Neuroscience there in 2007. He did fellowships at the University of California, San Francisco from 2008-2010 and the University of North Carolina at Chapel Hill from 2010–2014.

► **Stephen Thompson, MD**, has joined the Department of Pediatrics as a non-tenure track Associate Professor. Dr. Thompson received his MD in from the University of Medicine and Dentistry of New Jersey, New Jersey Medical School, in Newark, NJ, in 1987. He received his BS (Natural Science) from Muhlenberg College, in Allentown, PA in 1983. He completed a Pediatric Residency at the University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Children’s Hospital of New Jersey, in Newark, NJ, in 1989. He also completed a Pediatric Neurology Residency there in 1992. He followed this with a Neuro-Oncology Fellowship at Memorial Sloan-Kettering Cancer Center, in New York, NY, in 1993. Dr. Thompson is Board certified in Pediatrics, as well as Psychiatry and Neurology. He is a member of the Child Neurology Society, the American Academy of Neurology, American Neurological Association, New Jersey Child Neurology Society, Children’s Oncology Group, Society for Neuro-Oncology, and the American Academy of Pediatrics.

► **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, was appointed an Assistant Professor in the Departments of Psychiatry and Medicine in December 2014. He will also be Director of the Insomnia Program within the University of Maryland Sleep Disorders Center.



PUBLICATIONS

Hats off to those who have been published!

► **Sonia Agrawal**, Senior Bioinformatics Software Engineer; **Jonathan Crabtree**, Lead Bioinformatics Software Engineer; **Sean Daugherty, Sr.**, Bioinformatics Analyst; **Claire Fraser, PhD**, Professor, Departments of Medicine, Microbiology & Immunology and Director of the Institute for Genome Sciences; and **Jacques Ravel, PhD**, Professor, Department of Microbiology & Immunology, and Associate Director of Genomics, all from the Institute for Genome Sciences, were among co-authors on “Genomic Epidemiology of the Haitian Cholera Outbreak: A Single Introduction Followed by Rapid, Extensive, and Continued Spread Characterized the Onset of the Epidemic” in *MBio*, 2014 Nov 4;5(6):e01721.

► **Jennifer Albrecht, PhD**, Assistant Professor, and **Gordon Smith, MB, ChB, MPH**, Professor, both from the Department of Epidemiology & Public Health, were among the co-authors on “Patterns of Depression Treatment in Medicare Beneficiaries with Depression Following Traumatic Brain Injury” in *Journal of Neurotrauma*, 2014 Dec 19 [Epub ahead of print].

► **Mona Baumgarten, PhD**, Professor, **Gordon Smith, MB, ChB, MPH**, Professor, **Jennifer Albrecht, PhD**, Assistant Professor, and **Patricia Langenberg, PhD**, Professor, all from the Department of Epidemiology & Public Health, along with **Steven Gambert, MD**, and **Stephen Gottlieb, MD**, both Professors in the Department of Medicine, were among the co-authors on “Warfarin Usage Among Elderly Atrial Fibrillation Patients With Traumatic Injury, an Analysis of United States Medicare Fee-for-Service Enrollees” in *Journal of Clinical Pharmacology*, 2015, Jan;55(1):25-32.

► **Cynthia Bearer, MD, PhD**, the Mary Gray Cobey Professor of Neonatology, Department of Pediatrics, had her invited editorial “Universal Screening Programs for Gestational Exposures” in *Journal of Pediatrics*, 2014 Dec 31 [Epub ahead of print]. Dr. Bearer and **Sandra Mooney, PhD**, Associate Professor, Department of Pediatrics, and **Maureen Kane, PhD**, Assistant Professor, School of Pharmacy, were among the co-authors on “Choline Partially Prevents the Impact of Ethanol on the Lipid Raft Dependent Functions of 11 Cell Adhesion Molecules” in *Alcoholism, Clinical and Experimental Research*, 2014 Nov;38(11):2722-30.

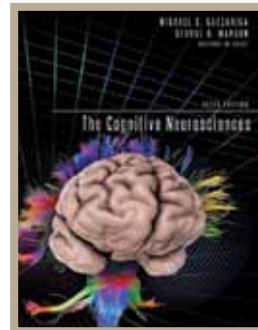
► **Annabelle (Mimi) Belcher, PhD**, Assistant Professor, Department of Psychiatry, was among the co-authors of the book chapter “Society and Addiction: Bringing Understanding and Appreciation to a Mental Health Disorder” in *The Cognitive*



Mona Baumgarten, PhD

in *Journal of Pediatrics*, 2014 Dec 31 [Epub ahead of print]. Dr. Bearer and **Sandra Mooney, PhD**, Associate Professor, Department of Pediatrics, and **Maureen Kane, PhD**, Assistant Professor, School of Pharmacy, were among the co-authors on “Choline Partially Prevents the Impact of Ethanol on the Lipid Raft Dependent Functions of 11 Cell Adhesion Molecules” in *Alcoholism, Clinical and Experimental Research*, 2014 Nov;38(11):2722-30.

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Neurosciences (Fifth Edition). The chapter reviews the neuroscientific evidence to substantiate the notion that addiction is not a disease of choice, but a mental disorder with neurobiological underpinnings, and discusses the responsibility that researchers should share in disseminating this information to practitioners, healthcare professionals, and society at large.

► **Michael Chuong, MD**, Assistant Professor; **Minesh Mehta, MB, ChB**, Professor; **Katja Langen, PhD**, Associate Professor; and **William Regine, MD**, Professor and the Isadore & Fannie Schneider Foxman Chair, all from the Department of Radiation Oncology, were the authors of “Is Proton Beam Therapy Better Than Standard Radiation Therapy?” in *Clinical Advances in Hematology & Oncology*, 2014 Dec;12:861-869.

► **Jason Custer, MD**, Assistant Professor, Department of Pediatrics, was among the co-authors on “Diagnostic Error in the Pediatric and Neonatal Intensive Care Unit: A Systematic Review” in *Pediatric Critical Care Medicine*, 2015;16(1):29-36.

► **Samer El-Kamary, MD, MPH**, Associate Professor; **Laura Hungerford, DVM, MPH, PhD**, Professor; and **William Blattner, MD**, Professor, all from the Department of Epidemiology & Public Health, and **Alash'le Abimiku, PhD**, Associate Professor, Department of Medicine and the Institute of Human Virology, were among the co-authors on “Cost-Effectiveness of Point-of-Care Digital Chest X-ray in HIV Patients with Pulmonary Mycobacterial Infections in Nigeria” in *BioMed Central Infectious Diseases*, 2014 Dec 13;14(1):675.

► **Alan Faden, MD**, the David S. Brown Professor in Trauma in the Department of Anesthesiology and Director of the Center for Shock, Trauma & Anesthesiology Research (STAR), and **Marta Lipinski, PhD**, Associate Professor, Department of Anesthesiology and the STAR Center, were among the co-authors on “Impaired Autophagy Flux Is Associated With Neuronal Cell Death After Traumatic Brain Injury” in *Autophagy*, 2014 Dec 2;10(12):2208-22. Dr. Faden and **Junfang Wu, BM, PhD**,



Michael Chuong, MD



Samer El-Kamary, MD, MPH

PUBLICATIONS *continued*

Assistant Professor, Department of Anesthesiology and the STAR Center, were among the co-authors on “Isolated Spinal Cord Contusion in Rats Induces Chronic Brain Neuroinflammation, Neurodegeneration, and Cognitive Impairment” in *Cell Cycle*, 2014;13(15):2446-58. Dr. Faden and **David Loane, PhD**, Assistant Professor, Department of Anesthesiology and the STAR Center, were among the co-authors on “Chronic Neurodegeneration After Traumatic Brain Injury: Alzheimer Disease, Chronic Traumatic Encephalopathy, or Persistent Neuroinflammation?” in *Neurotherapeutics*, 2015 Jan;12(1):143-50, and on “Novel Mglur5 Positive Allosteric Modulator Improves Functional Recovery, Attenuates Neurodegeneration, and Alters Microglial Polarization After Experimental Traumatic Brain Injury” in *Neurotherapeutics*, 2014 Oct;11(4):857-69. Dr. Faden and **Zaorui Zhao, PhD**, a Postdoctoral Fellow in the STAR Center, were among the co-authors on “Voluntary Exercise Preconditioning Activates Multiple Anti-Apoptotic Mechanisms and Improves Neurological Recovery After Experimental Traumatic Brain Injury” in *Journal of Neurotrauma*, 2014 Nov 24 [Epub ahead of print]. Dr. Faden and **Mark Skopin, PhD**, a Postdoctoral Fellow in the STAR Center, were among the co-authors on “Chronic Decrease In Wakefulness and Disruption of Sleep-Wake Behavior After Experimental Traumatic Brain Injury” in *Journal of Neurotrauma*, 2014 Sept 22 [Epub ahead of print].

► **Victor Felix**, Manager, Bioinformatics Software Engineering, and **Lynn Schriml, PhD**, Assistant Professor, Department of Epidemiology & Public Health, both from the Institute for Genome Sciences, were among the co-authors on “Disease Ontology 2015 Update: An Expanded and Updated Database of Human Diseases for Linking Biomedical Knowledge Through Disease Data” in *Nucleic Acids Research*, 2015 Jan 28;43(Database issue):D1071-8.

► **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, was a contributing author on “The DSM-5 Criteria, Level of Arousal and Delirium Diagnosis: Inclusiveness Is Safer” in *BMC Med*, 2014 Oct 8;12:141.

► **Mariusz Karbowski, PhD**, Associate Professor, Department of Biochemistry & Molecular Biology, was among the co-authors on “Transient Assembly of F-actin on the Outer Mitochondrial Membrane Contributes to Mitochondrial Fission” in *Journal of Cell Biology*, 2015 Jan 5;208(1):109-23.



Ann Gruber-Baldini, PhD



Jay Magaziner, PhD, MSHyg

► **Jay Magaziner, PhD, MSHyg**, Professor and Chair; **Denise Orwig, PhD**, Associate Professor; and **Rasheeda Johnson, BS, BA**, Doctoral Candidate, all from the Department of Epidemiology & Public Health, were among the co-authors on “Subgroup Variations in Bone Mineral Density Response to Zoledronic Acid Following Hip Fracture” in *Journal of Bone Mineral Research* [serial online], 2014 Dec;29(12):2545. Dr. Magaziner was also among the co-authors on “Designing Drug Trials for Sarcopenia in Older Adults With Hip Fracture—A Task Force From the International Conference on Frailty and Sarcopenia Research (ICFSR)” in *Journal of Frailty and Aging*, 2014 Dec 1; 3(4):199-204.

► **Frank Margolis, PhD**, Professor, Department of Anatomy & Neurobiology, was among the co-authors on “The Spatio-Temporal Segregation of GAD Forms Defines Distinct GABA Signaling Functions in the Developing Mouse” in *Developmental Neurobiology*, 2015 Mar;75(3):249-70.

► **Andrea Meredith, PhD**, Associate Professor, Department of Physiology, and **Rachel White, Betsir Zemen**, and **Zulqarnain Khan**, all Research Associates in the Department of Physiology, co-authored “Evaluation of Mouse Urinary Bladder Smooth Muscle for Diurnal Differences in Contractile Properties,” in *Frontiers in Pharmacology*, 2015 Jan 9;5(293):1-8.



Andrea Meredith, PhD

► **Pranshu Mohindra, MD, MBBS**, Assistant Professor, Department of Radiation Oncology, was among the co-authors on “Zerumbone Increases Oxidative Stress in a Thiol-Dependent ROS-Independent Manner to Increase DNA Damage and Sensitize Colorectal Cancer Cells to Radiation” in *Cancer Medicine*, 2015 Feb;4(2):278-292.

► **Chelsea Morrow, BA**, Clinical Research Assistant; **Melissa Armstrong, MD**, Assistant Professor; **Stephen Reich, MD**, Professor; **Lisa Shulman, MD**, Professor, all from the Department of Neurology, along with **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, were co-authors on “Does Spouse Participation Influence Quality of Life Reporting in Patients With Parkinson’s Disease” in *Quality of Life Research*, 2015 Jan;24(1):245-249.



Pranshu Mohindra, MD, MBBS

PUBLICATIONS *continued*

- **Brian Polster, PhD**, Assistant Professor, Department of Anesthesiology, was among the co-authors on “NADPH Oxidase- and Mitochondria-derived Reactive Oxygen Species in Proinflammatory Microglial Activation: A Bipartisan Affair?” in *Free Radical Biology & Medicine*, 2014 Nov;76: 34-46. He was also among the co-authors on “Use of Potentiometric Fluorophores in the Measurement of Mitochondrial Reactive Oxygen Species” in *Methods in Enzymology*, 2014;547: 225-50.
- **Elizabeth Powell, PhD**, Associate Professor, Department of Anatomy & Neurobiology, co-edited the book *Neuromethods: Extracellular Matrix*, which was published by Humana Press in January.



Charlene Quinn, RN, PhD

ogy Journal, 2014 Dec;27(6):653-6. Dr. Raghavan was also among the co-authors on “The ‘Boomerang’ Malleus-incus Complex in Congenital Aural Atresia” in *AJNR: American Journal of Neuroradiology*, 2014 Nov-Dec;35(11):2181-5. Dr. Zhuo was among the co-authors on “Patterns of Variance in /s/ During Normal and Glossectomy Speech” in *Computer Methods in Biomechanical and Biomedical Engineering, Imaging and Visualization*, 2014 Dec;2(4):197-207.

► **William Regine, MD**, Professor and the Isadore & Fannie Schneider Foxman Chair in the Department of Radiation Oncology, co-authored (with Lawrence



William Regine, MD

S. Chin, MD) the second edition of *Principles and Practice of Stereotactic Surgery*, published by Springer Science + Business Media in January. The book contains contributions from noted experts in the field, providing a comprehensive theoretical and practical overview of the therapeutic use of stereotactic surgery, including imaging techniques and radiobiology.

► **Horea Rus, MD, PhD**, Professor, Department of Neurology, and **Violeta Rus, MD, PhD**, Associate Professor, Department of Medicine, were among the co-authors on “Role of SIRT1 in Autoimmune Demyelination and Neurodegeneration” in *Immunologic Research*, 2014, Oct 4 [Epub ahead of print].

► **James Russell, MB, ChB, MS, FRCP, FACP**, Professor, Departments of Neurology and Anatomy & Neurobiology, was among the co-editors and authors on the book *Atlas of Neuromuscular Diseases: A Practical Guideline*, which was published in November 2014. This book is a compilation of critical information required for diagnosing and treating neuromuscular diseases and is aimed at residents, fellows and practicing neurologists. Dr. Russell and **Joungil Choi, PhD**, Research Scientist, and **Krish Chandrasekaran, PhD**, Research Laboratory Manager, both also from the Department of Neurology; **Su Xu, PhD**, Assistant Professor, **Rao Gallipoli, PhD**, Professor, and **Tyler Demarest**, Graduate Student, all from the Department of Diagnostic Radiology; **Tibor Kristian, PhD**, Associate Professor, and **Gary Fiskum, PhD**, the M. Jane Matjasko Professor for Research and Vice-Chair for Research, both from the Department of Anesthesiology; and **Paul Yarowski, PhD**, Associate Professor, Department of Pharmacology, were among the co-authors on “Brain Diabetic Neurodegeneration Segregates With Low Intrinsic Aerobic Capacity” in *Annals of Clinical and Translational Neurology*, 2014 Aug;1(8):589-604. Drs. Russell and Chandrasekaran, along with **Rudolph Castellani, MD**, Professor, Department of Pathology, were among the co-authors on “Potential Role of PINK 1 For Increased PGC-1 Alpha Mediated Mitochondrial Fatty Acid Oxidation and Their Associations with Alzheimer Disease and Diabetes” in *Mitochondrion*, 2014 Sep;18:41-48. Dr. Russell and **Lindsay Zilliox, MD**, Assistant Professor, Department of Neurology, were among the co-authors on “Diabetic Neuropathies” in *Continuum*, 2014 Oct;(20)5:1226-1240. Dr. Russell was also among the co-authors on “Phenotyping Animal Models of Diabetic Neuropathy: A Consensus Statement of the Diabetic Neuropathy Study Group of the EASD (Neurodiab)” in *Journal of the Peripheral Nervous System*, 2014;19(2):77-87.



James Russell, MB, ChB,
MS, FRCP, FACP

PUBLICATIONS *continued*

► **James Snider, MD**, Resident, Department of Radiation Oncology, was among the co-authors on “Refractory Trigeminal Neuralgia Treatment Outcomes Following CyberKnife Radiosurgery” in *Radiation Oncology*, 2014 Dec 14;9(1):257.

► **Ashley Strobel, MD**, Chief Resident; **Daniel Gingold, MD, MPH**, Second-year Resident; and **Emilie Calvello, MD, MPH**, Clinical Assistant Professor, all from the Department of Emergency Medicine, published a case report titled “TTP Presenting as Refractory Hypoglycemia in a Patient with Thromboangiitis Obliterans” in *The American Journal of Emergency Medicine*, 2014 Dec;32(12):1554.



Michael Winters, MD

Prostate Cancer Treatment

► **Huijun Xu, PhD**, Physics Resident, Department of Radiation Oncology, was the lead author on “Coverage-Based Treatment Planning to Accommodate Deformable Organ Variations in

Medical Physics”, 2014 Oct;41(10):101705.

► **Dan Zandberg, MD**, Assistant Professor, Department of Medicine; **Olga Goloubeva, PhD**, Associate Professor, Department of Epidemiology & Public Health; **Robert Morales, MD**, Assistant Professor, Department of Diagnostic Radiology & Nuclear Medicine; **Ming Tan, PhD**, Adjunct Professor, Department of Epidemiology & Public Health; **Rodney Taylor, MD**, Associate Professor, and **Jeffrey Wolf, MD**, Associate Professor, both from the Department of Otorhinolaryngology–Head & Neck Surgery; **Kevin Cullen, MD**, the Marlene and Stewart Greenebaum Distinguished Professor in Oncology in the Department of Medicine; **Ann Zimrin, MD**, Associate Professor, Department of Medicine; **Mohan Suntharalingam, MD**, Professor, Department of Radiation Oncology; **John Papadimitriou, MD, PhD**, Professor, and **Dean Mann, MD**, Professor, both in the Department of Pathology; **Scott Strome, MD**, Professor and Chair, Department of Otorhinolaryngology–Head & Neck Surgery; and **Martin Edelman, MD**,

Professor, Department of Medicine, were among the co-authors on “A Phase I Dose Escalation Trial of MAGE-A3- and HPV16-Specific Peptide Immunomodulatory Vaccines in Patients With Recurrent/Metastatic (RM) Squamous Cell Carcinoma of the Head and Neck (SCCHN)” in *Cancer Immunology and Immunotherapy*, 2014 Dec 24 [Epub ahead of print].

► **Ying Zou, MD, PhD**, Associate Professor; **Qing Chen, MD, PhD**, Associate Professor, and **Yi Ning, MD, PhD**, Clinical Associate Professor, all from the Department of Pathology; **Ashkan Emadi, MD**, Associate Professor, **Vu Duong, MD**, Assistant Professor, and **Marie Baer, MD**, Professor, all from the Department of Medicine; and **Feyruz Rassool, PhD**, Associate Professor, Department of Radiation Oncology, were among the co-authors on “High Frequency of Rare Structural Chromosome Abnormalities at Relapse of Cytogenetically Normal Acute Myeloid Leukemia with FLT3 Internal Tandem Duplication” in *Cancer Genetics*, 2014 Oct-Dec;207(10-12):467–473.

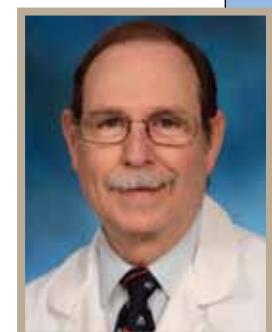
HONORS & AWARDS



Congratulations to the following who have received honors!

► **Elias Melhem, MD, PhD**, Professor & the Dean John M. Dennis Chairman, Department of Diagnostic Radiology & Nuclear Medicine, is proud to announce that he received a letter of commendation from the Accreditation Council for Graduate Medical Education and the American Board of Medical Specialties regarding the extra efforts of **Charles Resnik, MD**, Professor, Department of Diagnostic Radiology & Nuclear Medicine, as a member of the Radiology Subspecialties Milestone Working Group in the Development of Milestones as required for every specialty and subspecialty accredited by the ACGME. Dr. Resnik was one of 600 volunteers who dedicated more than 1500 hours to this project.

► **Robert Peters, MD**, Assistant Professor, Department of Neurology, was named Physician of the Year at the University of Maryland Rehabilitation & Orthopaedic Institute.



Charles Resnik, MD

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**, the Mary Gray Cobey Professor of Neonatology, Department of Pediatrics, submitted written comments to the FDA hearing for the “Food Advisory Committee Susceptible Populations Meeting on Including Neonates as a Susceptible Population.”

► **Alan Faden, MD**, the David S. Brown Professor in Trauma in the Department of Anesthesiology, and Director of the Center for Shock, Trauma & Anesthesiology Research (STAR) presented “Chronic Neuroinflammation Following Brain or Spinal Cord Injury” on October 3, 2014 at the University of Vermont School of Medicine Department of Neurological Sciences Grand Rounds. He also presented “Neuroinflammation After Neurotrauma: New Therapeutic Targets” on October 16, 2014 at the University of Connecticut School of Medicine Drug Discovery and Inflammation Symposium.



Dr. Fishbein and fellow meeting attendees at the White House

translational research on elucidating the neurodevelopmental effects of adversity in high poverty neighborhoods and the potential to reverse the damage with targeted evidence-based interventions.

► **Stacy Fisher, MD**, Assistant Professor, Department of Medicine, presented “Poison Control Data Show Energy Drinks and Young Kids Don’t Mix” at the American Heart Association Scientific Sessions 2014 Conference.

► **David Kaetzel, PhD**, Professor, Department of Biochemistry & Molecular Biology, was an invited to present “Direct Participation of the Metastasis Suppressor NME1 in DNA Repair Pathways” at the 9th International Conference of Anticancer Research in Porto Carras, Greece on October 9, 2014. He also served on the “Melanoma and Other Skin Cancers” peer review panel of the Department of Defense, Congressionally-Directed Medical Research Programs (CDMRP) in Reston, VA, from November 12–14, 2014.

► **Mary Kay Lobo, PhD**, Assistant Professor, Department of Anatomy & Neurobiology was selected as one of ten early career investigators from across the world to represent the U.S. and participate in a Future Leaders group at the 11th Annual Science and Technology in Society forum, held in Kyoto, Japan in October 2014.

► **Alberto J. L. Macario, MD**, and **Everly Conway de Macario, PhD**, both Adjunct Professors, Department of Microbiology and Immunology, presented “HSP60 Activity on 16HBE Cells After Oxidative and Pro-Inflammatory Stimuli” at the ERS (European Respiratory Society) International Congress in Munich, Germany, September 6–10, 2014; “A Pathogenic Mutation of CCT5 Causing Distal Neuropathy in Humans Disrupts Hexadecamer Assembly” at the CSSI (Cell Stress Society International) VIIth International Symposium on Heat Shock Proteins in Biology and Medicine in Old Town Alexandria, VA, November 1–5, 2014; and “The Pathology of the Molecular Chaperones” at the Decima Conferenza dei Ricercatori Italiani nel Mondo (10th Conference of Italian Researchers in the World) in Houston, TX, December 6, 2014.



Alberto J. L. Macario, MD

► **Colin Mackenzie, MB, ChB**, Professor, Department of Anesthesiology and the Center for Shock, Trauma and Anesthesiology Research, presented “Evaluation of Individual Surgeon Technical Skills During Four Emergency Procedures,” a one-hour lecture based on his findings studying more than 80 surgeons performing emergency trauma procedures on cadavers, at the Association of Military Surgeons of the US in Washington, DC, on December 3, 2014.

► **James Russell, MB, ChB, MS, FRCP, FACP**, Professor, Departments of Neurology and Anatomy and Neurobiology, presented the following lectures at the 2014 Neurodiab Meeting in Sopron, Hungary: “Nicotinamide Adenine Nucleotide (NAD⁺) Treatment and Activation of Sirtuin 1 (SIRT1) Prevent and Reverse Experimental Diabetic Neuropathy” and “Brain Diabetic Neurodegeneration Segregates With Low Intrinsic Aerobic Capacity.”



Richard Thompson, PhD

► **Richard Thompson, PhD**, Associate Professor, Department of Biochemistry and Molecular Biology, presented “Importance of Measurement

EVENTS, LECTURES & WORKSHOPS *continued*

in Understanding Zinc Biology: Current Issues and Future Challenges" at the Zinc/UK meeting in London, UK. He also delivered an invited lecture at the University of Florence, Italy, entitled "Carbonic Anhydrase-Based Biosensors for Metal Ions," and co-chaired a workshop sponsored by the European Union Council on Science and Technology/Zinc-NET on zinc measurement technology, also in London.

IN THE NEWS



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

- **Jason Custer, MD**, Assistant Professor, Department of Pediatrics, was interviewed on Friday, December 19, 2014 for an *iCritical Care* Podcast with Margaret Parker, MD, FCCM, from Stony Brook University Children's Hospital.
- **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, Assistant Professor, Departments of Psychiatry and Medicine, was featured on Maryland Public Television's *Your Health* segment on February 16.

APPOINTMENTS



We applaud our colleagues on their recent appointments!



Bryan Soronson, MPA, FACMPE, CRA

► **Bryan Soronson, MPA, FACMPE, CRA**, Senior Administrator, Department of Neurology, has been appointed as National Chair of the Academic Practice Assembly (APA) of the Medical Group Management Association (MGMA). He will serve as Chair from October 2014 to October 2015. Over 1500 academic administrators are members of the APA.

► **Emerson Wickwire, PhD, ABPP, CBSM, FAASM**, Assistant Professor, Departments of Psychiatry and Medicine, has been named President-Elect of the Maryland Sleep Society. He was also recently Co-Chair of the TBI-Sleep working group for

the joint conference of the International Society for CNS Clinical Trials and Methodology/American Society for Experimental Neurotherapeutics, held in Washington, DC.

Research Communications Network

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 here) that you would like to see in the *Buzz* to the appropriate person within your department, program, center or office.

Anatomy & Neurobiology:
Kristie Nichols

Anesthesiology: Pamela Earle-Jackson
Biochemistry & Molecular Biology:
Qun Zhou

Dermatology: Betsy Satosky
Diagnostic Radiology & Nuclear Medicine: Brigitte Pocta

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: Penelope Birkhead

Neurosurgery: Mari Jo Pohlner

Obstetrics, Gynecology & Reproductive Sciences: Robin Kissinger

Ophthalmology: Chinneta Pettaway-Willis

Orthopaedics: Dori Kelly

Otorhinolaryngology: Bryan Ambro

Pathology: Rob Christenson

Pediatrics: Denise Hansen
Pharmacology: Stacey Lukasik
Physical Therapy & Rehabilitation Science: Monica Martinez

Physiology: Ken Fahnestock

Psychiatry: Vee Porter-Brown

Radiation Oncology: Jill Rosenberg

Surgery: Meghan Scalea

Program in Comparative Medicine:
Deborah Sanchez

Program in Genetics & Genomic Medicine: Ruth Cosentino

Program in Minority Health & Health Disparities: Carol Shelton

Program in Neuroscience: Tom McHugh

Program in Oncology: Robert Mitchell

Program in Trauma: Jane Anderson

Center for Health Policy & Health Services Research: TBD

Center for Integrative Medicine:
Rebekah Owens

Center for Research on Aging:
Kara Longo

Center for Shock, Trauma and Anesthesia Research (STAR-ORC):
Gabriela Felton

Center for Stem Cell Biology & Regenerative Medicine:
Fulisica Morrison

Center for Vaccine Development:
Carey Martin

Center for Vascular & Inflammatory Diseases: Talia Bailey

Institute for Genome Sciences:
Riham Keryakos

Institute of Human Virology:
Nora Grannell

MD/PhD Program: Jane Bacon

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