APRIL 2012 VOL.13 No.8

UNIVERSITY of MARYLAND SCHOOL OF MEDICINE What's the buzz?

Self-Reported News from the School of Medicine Community



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



Arnob Banerjee, MD, PhD, assistant professor, Department of Medicine and Program in Oncology, was awarded a three-year, \$225,000 grant from Gabrielle's Angel Foundation for Cancer Research for his work entitled "Genomic and Functional Identification of Critical Targets in Peripheral T cell Lymphoma."

► Xiaochun Chen, PhD, assistant professor, Department of Pediatrics and Center for Stem Cell Biology & Regenerative Medicine (co-PI); Curt Civin, MD, professor, Departments of Pediatrics and Physiology, associate dean for Research, and director, Center for Stem Cell Biology & Regenerative Medicine (co-PI); and Kara Scheibner. PhD, assistant professor,

Arnob Banerjee, MD, PhD

Department of Pediatrics and Center for Stem Cell Biology & Regenerative Medicine (co-investigator), received a three-year, \$495,000 grant from the William Lawrence & Blanche Hughes Foundation for their research "Development of Drugs that Upregulate Leukemia Tumor Suppressive



NicroRNAs." Drs. Chen and Civin also received a two-year, \$230,000 grant from the Maryland Stem Cell Research Fund/ TEDCO for their research "MicroRNA Regulators of ex vivo Human Hematopoietic Stem Cell Expansion." In addition, Dr. Civin sits on the steering committee of the FDA's Advancing Regulatory Science and Innovation two-year, \$3 million grant to the UMCP-UMB consortium.

► Jeffrey Fink, MD, MS, professor, Department of Medicine, received a National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)-funded RO1 grant in the amount of \$1.2 million over four years for "Do Patient Safety Events

Jeffrey Fink, MD, MS

Contracts

Account for Adverse Outcomes in CKD?" This will be an epidemiological analysis of the ongoing NIDDK Chronic Renal Insufficiency Cohort study dataset to measure the frequency of kidney-disease specific safety events and to determine to what extent these account for adverse outcomes in CKD.



Injury-Related Neuropathic Pain."

Laundette Jones, PhD

Laundette Jones, PhD, assistant professor, Department of Pharmacology & Experimental Therapeutics, received a \$73,607 grant for the period of 01/01/2012 to 6/30/2013 from the pharmaceutical company Amgen, Inc. to study "The Role of RANKL Inhibition in the Management of Brca1-Associated Mammary Tumorigenesis."

► Lixing Lao, PhD, professor, Department of Family & Community Medicine, received a one-year \$75,000 grant from the Paralyzed Veterans Association Research



Lixing Lao, PhD

napolis on March 24, 2012. Dr. Lewin and medical student Lorraine Beraho presented "Inter-rater Reliability of an Oral Case Presentation Rating Scale to Assess Pediatric Clerkship Students" at the same event.

Erik Lillehoj, PhD, assistant professor, Department of Pediatrics, received a two-year, \$89,363 grant from the Stanley Medical Research Institute for his

Foundation entitled "Auricular Acupuncture for Spinal Cord

Linda Lewin, MD, associate professor, and David Bowman, MD,

assistant professor, both from the Department of Pediatrics,

and Faculty Development Tool" at the Council on Medical

Student Education in Pediatrics Annual Meeting in India-

were selected to facilitate "Clinical Reasoning-A Workshop

GRANTS & CONTRACTS continued

research entitled "Diagnostic Potential of Retrovirus Envelope Glycoproteins in Acute Onset Schizophrenia and Bipolar Disorder."

Daniel Prantner, PhD, a postdoctoral fellow in the lab of Stefanie Vogel, PhD, professor, Department of Microbiology & Immunology, received a three-year, \$155,346 NRSA fellowship award for his work "The Role of Mitochondrial Reactive Oxygen Species in Innate Immune Signaling."

► Alan Schmaljohn, PhD, professor, Department of Microbiology & Immunology, received a two-year, \$2 million subcontract (total award) from Paragon Bioservices as part of a larger contract from the Department of Defense entitled "VEE Replicon Particle Trivalent

Filovirus Vaccine."



We welcome our new faculty!



Mohamed Amr Shahin.

MBBCh, FAAP

Mohamed Amr Shahin, MBBCh, FAAP, assistant professor, joined the Department of Pediatrics in the Division of Critical Care on October 26, 2011. Dr. Shahin was awarded his MBBCh, Faculty of Medicine from Cairo University in Egypt in 1985. He performed an internship in pediatrics at Cairo University Hospitals, followed by residencies in pediatrics at Cairo University Pediatric Hospital and Albany Medical Center in Albany, NY, and then a fellowship in pediatric critical care medicine at LeBonheur Children's Hospital, University of Tennessee in Memphis. Dr. Shahin followed this with pediatric cardiac intensive care advanced training at the University of Washington Children's Hospital in Seattle from 2000 to

2001. He is certified with the American Board of Pediatrics, with a pediatric critical care medicine subspecialty. Dr. Shahin's responsibilities include serving as an attending physician in the Pediatric Intensive Care Unit and the Pediatric Intermediate Care Unit at the University of Maryland

NEW FACULTY continued

Medical Center. His academic responsibilities include teaching medical students and residents during his clinical service.

Christian Wright, MD, assistant professor, joined the Department of Pediatrics in the Division of Pediatric Emergency Medicine on February 1, 2012. Dr. Wright received his Doctor of Medicine in 2008 from the University of Maryland School of Medicine. He completed a pediatric residency at the University of Maryland Medical Center in 2011. He is board certified in pediatrics and a member of both the American Academy of Pediatrics and the American Medical Association. Dr. Wright's responsibilities include attending physician duties in the Pediatric Emergency Department. He will also participate in teaching medical students and residents as they rotate at the medical center.

Honors & AWARDS

Congratulations to the following who have received honors!

Howard Dubowitz, MB, ChB, MS, FAAP, professor, Department of Pediatrics, and director, Center for Families, was the 2011 recipient of the American Academy of Pediatrics Section on Child Abuse and Neglect Award for Outstanding Service to Maltreated Children.

► Anup Mahurkar, executive director, Informatics Resource Center at the Institute for Genome Sciences, was a finalist at the Tech Council of Maryland's (TCM) 2011 Mid-Atlantic CIO & CTO awards ceremony. TCM is Maryland's largest technology and biotechnology association. The event honors the region's best CIOs, CTOs and IT leaders.



Howard Dubowitz, MB. ChB. MS. FAAP



Hats off to those who have been published!

Dawn Alley, PhD, and **Michelle Shardell, PhD**, both assistant professors, Department of Epidemiology & Public Health, co-published "Mortgage Delinquency and Changes in Access to Health Resources and Depressive Symptoms in a Nationally Representative Cohort of Americans Older Than 50 years" in the *American Journal of Public Health* 2011 Dec;101(12):2293-2298.

► Samuel Angiuoli, PhD, director, Software Engineering, Bioinformatics; James Robert White, PhD, bioinformatics software engineer, Malcolm Matalka, bioinformatics software engineer; Owen White, PhD, professor, Department of Epidemiology & Public Health and associate director, and W. Florian Fricke, PhD, assistant professor, Department of Microbiology & Immunology, all from the Institute for Genome Sciences, co-authored "Resources and Costs for Microbial Sequence Analysis Evaluated Using Virtual Machines and Cloud Computing," in *PLoS One*, 2011;6(10):e26624. Epub 2011 Oct 19. Drs. Fricke and James White, along with Jacques Ravel, PhD, associate professor, Department of Microbiology & Immunology, and associate director of Genomics at the Institute for Genome Sciences, co-authored "Complex Microbiome Underlying Secondary and Primary Metabolism in the Tunicate-Prochloron Symbiosis," in *Proceedings of the National Academy of Sciences of the U.S.A.*, 2011 Dec 20;108(51):E1423-32.

▶ Mary Beth Bollinger, D0, associate professor, Department of Pediatrics, and Breathmobile medical director, was a co-author on "Asthma in Head Start Children: Effects of the Breathmobile Program and Family Communication on Asthma Outcomes" in the *Journal of Allergy and Clinical Immunology*, 2011 Nov 19. [Epub ahead of print]. She was also a co-author on "Factors Associated



with Secondhand Smoke Exposure in Young Inner-City Children with Asthma" in the *Journal of Asthma*, 2011;48(5):449-57, and "Achieving and Maintaining Asthma Control in Inner-City Children" in the *Journal of Allergy and Clinical Immunology*, 2011;128(1):56-63.

Rebecca Brotman, PhD, assistant professor, Department of Epidemiology & Public Health and Institute for Genome Sciences, authored "Vaginal Microbiome and Sexually Transmitted Infections: An Epidemiologic Perspective," in the *Journal of Clinical Investigation*, 2011 Dec;121(12):4610-7.

Vincent Bruno, PhD, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was

PUBLICATIONS

a co-author on "Robust Utilization of Phospholipase-Generated Metabolites, Glycerophosphodiesters by *Candida albicans:* Role of the CaGit1 Permease," in *Eukaryotic Cell*, 2011 Dec;10(12):1618-27.

▶ Brandi Cantarel, PhD, research associate, Emmanuel Mongodin, PhD, assistant professor, Department of Microbiology & Immunology, and Claire Fraser-Liggett, PhD, professor, Departments of Medicine and Microbiology & Immunology and director, all from the Institute for Genome Sciences, co-authored "Strategies for Metagenomic-Guided Whole-Community Proteomics of Complex Microbial Environments," in *PLoS One*, 2011;6(11):e27173. Epub 2011 Nov 23. Cantarel; William Hsiao, PhD, post-doctoral fellow, Elliott Drabek, PhD, bioinformatics software engineer, and Dr. Fraser-Liggett, all from the Institute for Genome Sciences, also co-authored "Sparse Distance-Based Learning for Simultaneous Multiclass Classification and Feature Selection of Metagenomic Data," in *Bioinformatics*, 2011 Dec 1; 27(23):3242-9.



Brandi Cantarel, PhD

Alicia Chaves, MD, assistant professor, Department of Pediatrics, was a co-author on "Impact of Hearth Rhythm and Synchrony on Echo-Doppler Assessment in Pediatric Heart Disease," published in *Pediatric US Today*, 2011;16(10):193-220.

► Marcus Chibucos, PhD, bioinformatics analyst, Jonathan Crabtree, bioinformatics software engineer, and Joshua Orvis, bioinformatics software engineer, all from the Institute for Genome Sciences, co-authored "The Aspergillus Genome Database (AspGD): Recent Developments in Comprehensive Multispecies Curation, Comparative Genomics and Community Resources," in Nucleic Acids Research, 2012 Jan;40(Database issue):D653-9.

▶ W. Andrew Eglseder, MD, associate professor, Department of Orthopaedics, co-authored "Locking Flexible Nails for Diaphyseal Humeral Fractures in the Multiply Injured Patient" in *Techniques in Hand and Upper Extremity Surgery*, 2011 Sept;15(3):172-176.



Marcus Chibucos, PhD

Samer El-Kamary, MB, ChB, MPH, assistant professor, Department of Epidemiology & Public Health, and **Wilbur Chen, MD**, assistant professor, Department of Medicine, co-published "Vaccines for Enteric Infections" in *Current Opinions in Gastroenterology*, 2012 Jan;28(1):18-23. Dr. El-Kamary

PUBLICATIONS continued

was also a co-author on "Risk Factors for Hepatitis C Virus Infection Among Egyptian Healthcare Workers in a National Liver Diseases Referral Centre" in Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012 Feb;106(2):98-103.

▶ Nancy Ellish, DrPh, associate professor, Department of Epidemiology & Public Health, was a co-author on "Tailored and Targeted Interventions to Encourage Dilated Fundus Examinations in Older African Americans" in Archives of Ophthalmology, 2011 Dec;129(12):1592-1598.

Mark Eppinger, PhD, research associate, and Jacques Ravel, PhD, associate professor, both from the Department of Microbiology & Immunology and the Institute for Genome Sciences, where Dr. Ravel is associate director of



Genomics, co-authored "Genomic Anatomy of Escherichia Coli O157:H7 Outbreaks," in Proceedings of the National Academy of Sciences of the U.S.A., 2011 Dec 13;108(50):20142-7.

Averell Gnatt, PhD, assistant professor, Department of Pharmacology & Experimental Therapeutics, co-published an article entitled "Another Layer of Pol II Regulation by Gdown1," in Molecular Cell, 2012 Jan 13;45(1):51-63. The article was highlighted on the cover.

Michelle Gwinn Giglio, PhD, assistant professor, Department of Medicine, and associate director of Analysis, Institute for Genome Sciences, was a co-author on "BioCreative III Interactive Task: An Overview," in BMC Bioinformatics, 2011 Oct 3;12 Suppl 8:S4. The publication is part of a supplement entitled, "The Third BioCreative—Critical Assessment of Information Extraction in Biology Challenge."

► Alina Grigore, MD, MHS, FASE, associate professor, Department of Anesthesiology, was a co-author on "Anesthetic Management of Patients Undergoing Placement of Total Artificial Heart" in the Journal of Cardiothoracic and Vascular Anesthesia, 2011;25:1179-1192.

► Ann Gruber-Baldini, PhD, professor, Department of Epidemiology & Public Health, was a co-author on "Testing the Effect of Function-Focused Care in Assisted Living" in the Journal

Alina Grigore, MD, MHS. FASE

PhD

of the American Geriatric Society, 2011, Dec;59(12):2233-2240. She was also a co-author on "Association Between Contact Precautions and Delirium at a Tertiary Care Center" in Infection Control Hospital Epidemiology, 2012, Jan;33(1):34-39.

S. Ash Hasan, MD, associate professor, Department of Orthopaedics, co-authored "Two-Incision versus One-Incision Repair for Distal Biceps Tendon Rupture: A Cadaveric Study" in the Journal of Shoulder and Elbow Surgery, 2011 Aug 2 [Epub ahead of print].

► Laundette Jones, PhD, assistant professor, Department of Pharmacology & Experimental Therapeutics, was a co-author on "Abnormal Mammary Adipose Tissue Environment of Brca1 Mutant Mice Show a Persistent Deposition of Highly Vascularized Multilocular Adipocytes" in the Journal of Cancer Science & Therapy, 2011 Dec 27 [Epub ahead of print].

S. Ash Hasan. MD

Tibor Kristian, PhD, assistant professor, Department of Anesthesiology, co-authored "Simple Model of Forebrain Ischemia in Mouse," published in the Journal of Neuroscience Methods, 2011 Nov 28;204(2):254-261 [Epub ahead of print].

Richard Lichenstein, MD, associate professor, Department of Pediatrics, along with medical students Daniel Smith and Jordan Ambrose, published "Headphone Use and Pedestrian Injury and Death in the United States: 2004–2011" in Injury Prevention, 2012 Jan 16 [Epub ahead of print].

Erik Lillehoj, PhD, associate professor, Department of Pediatrics, Simeon Goldblum, MD, professor, Departments of Medicine and

Tibor Kristian, PhD

Pathology, and Antonio Passaniti, PhD, associate professor, Department of Pathology, were co-authors on "Diverse Injurious Stimuli Reduce Protein Tyrosine Phosphatase-µ Expression and Enhance Epidermal Growth Factor Receptor Signaling in Human Airway Epithelia" in Experimental Lung Research, 2011 Aug;37(6):327-43. Dr. Lillehoj was also a co-author on "Non-Cysteine Linked MUC1 Cytoplasmic Dimers are Required for Src Recruitment and ICAM-1 Binding Induced Cell Invasion" in Molecular Cancer, 2011 Jul 28;10:93.

Steven Ludwig, MD, associate professor, and **Jacqueline Karp, MD**, resident physician, both with the Department of Orthopaedics, co-authored "Management of Trauma to the Upper Cervical Spine: Occiput to C2," an invited





the buzz

PUBLICATIONS continued

article published by the American Association of Orthopaedic Surgeons on *Orthopaedic Knowledge Online*, 2011 Oct;9(11). It can be found at http://or-thoportal.aaos.org/oko. The two also co-authored "Trauma MIS," an invited article in *Techniques in Orthopaedics*, 2011 Sept;26(3):188-193. Additionally, Dr. Ludwig; **Brian Shiu, MD**, intern, and **Mohit Gilotra, MD**, resident physician, all with the Department of Orthopaedics, co-authored "Prevention of Postoperative Spinal Wound Infection," an invited, peer-reviewed article in *Contemporary Spine Surgery*, 2011 Aug;12(8):1-8.

▶ Maya Matheny, PhD candidate, Graduate Program in Epidemiology & Human Genetics and the Medical Scientist Training Program, **Ram Miller**, **MD**, **CM**, **MSc**, **MBA**, adjunct assistant professor, **Michelle Shardell**, **PhD**, assistant professor, **William Hawkes**, **PhD**, assistant professor, **Jay Magaziner**, **PhD**, **MSHyg**, professor and chair, and **Denise Orwig**, **PhD**, assistant professor, all from the Department of Epidemiology & Public Health, co-published "Inflammatory Cytokine Levels and Depressive Symptoms in Older Women in the Year After Hip Fracture: Findings From the Baltimore Hip Studies" in the *Journal of the American Geriatric Society*, 2011 Dec; 59(12):2249-2255.



Emmanuel Mongodin, PhD

Emmanuel Mongodin, PhD, assistant professor, Department of Microbiology & Immunology and **Claire Fraser-Liggett, PhD**, professor, Departments of Medicine and Microbiology & Immunology, and director, Institute for Genome Sciences, co-authored "Whole-Genome Sequences of Two Borrelia afzelii and Two Borrelia garinii Lyme Disease Agent Isolates," in the Journal of Bacteriology, 2011 Dec;193(24):6995-6.

Robert O'Toole, MD, assistant professor, Department of Orthopaedics, co-authored "Are Certain Fractures at Increased Risk for Compartment Syndrome after Civilian Ballistic Injury?" in the *Journal of Trauma*, 2011 Nov;71(5):1385-1389. Dr.

O'Toole, along with **Elisa Knutsen**, **MD**, and **Augusta Whitney**, **MD**, both chief resident physicians in the Department of Orthopaedics, co-authored "Locking Plates in Osteoporosis: A Biomechanical Cadaveric Study of Diaphyseal Humerus Fractures" in the *Journal of Orthopaedic Trauma*, 2011 Oct 29. [Epub ahead of print].

▶ Vincent Pellegrini Jr., MD, the James Lawrence Kernan Professor and chair, Department of Orthopaedics, wrote "Perspective: Ten Thousand Hours to Patient Safety, Sooner or Later," which was published in *Academic Medicine*, 2012 Feb;87(2):164-167.

Raymond Pensy, MD, assistant professor, and **Abimbola Obafemi, MD**, resident physician, both with the Department of Orthopaedics, co-authored "Palmar Radiocarpal Dislocation: A Case Report and Novel Treatment Method," published by the American Association for Hand Surgery in *Hand*, 2012 March;7(1):114-118.



► Brian Polster, PhD, assistant professor, and Gary Fiskum, PhD, the M. Jane Matjasko Professor for Research and vice-chair for Research, both from the Department of Anesthesiology, contributed a chapter titled "Mitochondrial Mechanisms of Neural Cell Death in Cerebral Ischemia" in *Apoptosis: Physiology and Pathology*, published by Cambridge University Press in 2011.

► **Charlene Quinn, PhD**, assistant professor, Department of Epidemiology & Public Health, published

"Mobile Technologies Changing Models for Diabetes Management" in *Endocrinology Today*, 2011 Oct;9(10):1-2.

David Rasko, PhD, assistant professor, Department of Microbiology & Immunology and Institute for Genome Sciences, was a co-author on "Hfq Virulence Regulation in Enterohemorrhagic *Escherichia coli* O157:H7 Strain 86-24," in the *Journal of Bacteriology*, 2011 Dec;193(24):6843-51.

David Riley, bioinformatics software engineer, **Samuel Angiuoli, PhD**, director, Software Engineering, Bioinformatics, **Jonathan Crabtree**, bioinformatics software engineer, **Julie Dunning Hotopp**, **PhD**, assistant professor, Department of Microbiology & Immunology, and **Hervé Tettelin**, **PhD**, associate professor, Department of Microbiology & Immunology, all from the Institute for Genome Sciences, co-authored "Using Sybil for Interactive Comparative Genomics of Microbes on the Web," in *Bioinformatics*, 2012 Jan 15;28(2):160-6.



Charlene Quinn, PhD

PUBLICATIONS continued

Lynn Schriml, PhD, assistant professor, Department of Epidemiology & Public Health, **Cesar Arze**, bioinformatics software engineer, **Suvarna Nadenla**, bioinformatics analyst, **Mark Mazaitis**, web developer; and **Victor Felix**, bioinformatics software engineer, all from the Institute for Genome Sciences, co-authored "Disease Ontology: A Backbone for Disease Semantic Integration," in *Nucleic Acids Research*, 2012 Jan;40(Database issue):D940-6.

▶ Marcus Sciadini, MD, and Jason Nascone, MD, both associate professors, and Robert O'Toole, MD, assistant professor, all from the Department of Orthopaedics, co-authored "A Biomechanical Comparison of a Locking Plate, a Nail, and a 95 Degree Angled Blade Plate for Fixation of Subtrochanteric Femoral Fractures" in the *Journal of Orthopaedic Trauma*, 2012 Jan 11 [Epub ahead of print]. Dr. O'Toole and Andrew Pollak, MD, professor, Department of Orthopaedics, co-authored "Does Supplemental Epidural Anesthesia Improve Outcomes of Acetabular Fracture Surgery?" in the *Journal of Orthopaedic Trauma*, 2012 Feb;26(2):67-72.

Gordon Smith, MB, ChB, MPH, professor, Department of Epidemiology & Public Health was a co-author on "Alcohol and Risk of Admission to Hospital for Unintentional Cutting or Piercing Injuries at Home: A Population-Based Case-Crossover Study" in BMC *Public Health*, 2011 Nov;11(1):852.

Getachew Teshome, MD, MPH, assistant professor, Department of Pediatrics, was a co-author on "Factors Associated with Cervical Spine Injury in Children after Blunt Trauma" in *Annals of Emergency Medicine*, 2011; 58: 145-155.

▶ Matthew Trudeau, PhD, assistant professor, Department of Physiology, published "hERG1a N-terminal Eag Domain-Containing Polypeptides Regulate Homomeric hERG1b and Heteromeric hERG1a/hERG1b Channels: A Possible Mechanism for Long QT Syndrome" in the *Journal of General Physiology*, 2011 Dec;138(6):581-92. He, along with graduate student **Elena Gianulis**, also from the Department of Physiology, published "Rescue of Aberrant Gating by a Genetically Encoded PAS (Per-Arnt-Sim) Domain in Several Long QT Syndrome Mutant Human Ether-á-Go-Go-Related Gene Potassium Channels" in the *Journal of Biological Chemistry*, 2011 Jun 24;286(25):22160-9.

James Wilkerson, MD, resident physician, Department of Orthopaedics, was a co-author on "Arthroscopically Assisted Reduction and Internal Fixation of a Coronoid Fracture: Case Report and Review of the Literature" in *Current Orthopaedic Practice*, 2011;22(4):370-373.

APPOINTMENTS



Brian Berman, MD, professor, Department of Family & Community Medicine and director of the Center for Integrative Medicine, has been appointed to the Board of Visitors for the Tai Sophia Institute, a graduate school based in Laurel, Md.

► Jon Mark Hirshon, MD, MPH, PhD, associate professor, Department of Emergency Medicine, has been appointed chair of the Report Card Task Force of the American College of Emergency Physicians (ACEP). The ACEP Report Card is produced every 3–4 years to assess governmental support of emergency care throughout the United States on a state-by-state basis. The document is used to identify gaps in support of emergency medicine and as a data-based tool for political and public health initiatives. Dr. Hirshon has also been appointed to the Communications and Outreach Advisory Group of Maryland's Health Care Reform Coordinating Council, which advises the Governor's Office of Health Care Reform regarding its outreach campaign on health care reform in Maryland.

► Alberto J. L. Macario, MD, and Everly Conway de Macario, PhD, both adjunct professors in the Department of Microbiology & Immunology, have been appointed as visiting professors at the



Vincent Pellegrini Jr., MD

School of Medicine at the University of Palermo in Palermo, Italy.

► Vincent Pellegrini Jr., MD, James Lawrence Kernan Professor and

chair, Department of Orthopaedics, has been appointed the first vice president of the Board of Directors of The Hip Society for the 2012 to 2013 year. He then will start his term as the president of The Hip Society in February 2013. The Annual Members' Meeting for the society will be held at the University of Maryland in Baltimore in October 2013.



Brian Berman, MD



Jon Mark Hirshon, MD, MPH, PhD

Events, Lectures

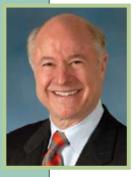
Kudos to our colleagues who are experts in their fields and give their all to represent the School of Medicine!



► Alicia Chaves, MD, assistant professor, Department of Pediatrics, presented the poster "Infant Cardiac MRI Using Oscillatory Ventilation: Safe and Effective" at the Society for Cardiovascular Magnetic Resonance Scientific Sessions in Orlando in February 2012.

Curt Civin, MD, professor, Departments of Pediatrics and Physiology, associate dean for Research, and director, Center for Stem Cell Biology & Regenerative Medicine, delivered the keynote address "CD34 Stem Cell Stories and Lessons from the CD34 Wars," for the Blood and Marrow Transplantation Annual Meeting in Paris, France, on April 4, 2011; delivered the keynote address on

Alicia Chaves, MD



August 19, 2011, for the Korean Society of BMT Annual Meeting in Busan, Korea; and on October 26, 2011, presented the keynote John L. Kellermann III Memorial Lecture on "CD34 stories and MicroRNA Maestros of Hematopoietic Stem-Progenitor Cells" in honor of the late John L. Kellermann III—a founding member of the Maryland Stem Cell Research Commission and passionate advocate for stem cell research—at the Fourth Annual Maryland Stem Cell Research Fund symposium held at Towson University.

Everly Conway de Macario, PhD, adjunct professor, Department of Microbiology & Immunology, presented "Indirect but Determinant Pathogenic Microbes: A Novel Side of Disease Mechanism" for the Department of Experimental Biomedicine and Clinical

Curt Civin, MD

Neurosciences at the University of Palermo in Palermo, Italy, in October 2011.
Matthew Cooper, MD, associate professor, Department of Surgery, presented

a guest lecture at Loyola University in Baltimore on January 19, 2012, during the kick-off of a capstone course exploring the social and economic impact of living kidney donation in Maryland. Dr. Cooper's presentation helped to demystify living kidney donation and hoped to appeal to young audiences regarding the need for organ donation across the state.

Howard Dubowitz, MB, ChB, MS, FAAP, professor, Department of Pediatrics and director, Center for Families, presented expert testimony on November 29, 2011 before the Attorney General's National Task Force on Children Exposed to Violence at the University of Maryland School of Law.

& Workshops

► **Gary Fiskum**, PhD, M. Jane Matjasko Professor for Research and vice-chair for Research, Department of Anesthesiology, presented the seminar "Novel Mitochondrial Mechanisms of Cytoprotection" at the Johns Hopkins University School of Medicine in February 2012.

Douglas Frost, PhD, professor, Department of Pharmacology & Experimental Therapeutics, chaired the symposium "Early Life Pharmacotherapy for Psychiatric Disease: A Two-Edged Sword" at the 2011 meeting of the Society for Biological Psychiatry, held in San Francisco. As part of the symposium, he presented a talk entitled "Long-Term Behavioral and Neurobiological Sequelae of Adolescent Atypical Antipsychotic Treatment."

► Alberto J. L. Macario, MD, adjunct professor, Department of Microbiology & Immunology, presented the lecture "Chaperonopathies: Genetics, Epigenetics, and Model Systems" at the CSSI, Fifth International Congress on Stress Response in Biology and Medicine in Quebec, Canada, in August 2011. He also presented "Chaperonopathies: In Search of Mechanisms" at the William Harvey Research Institute, Barts and the London School of Medicine and Dentistry at Queen Mary, University of London in London, in September 2011; presented "The Chaperonopathies: Diseases with Abnormal Chaperones" at the University of Rome at Tor Vergata in Rome, in September 2011; presented "Molecular Chaperones and Chaperonopathies Across Life Kingdoms" for the Department of Environmental Sciences at the University of Tuscia at Viterbo in Viterbo, Italy, in September 2011; presented "The Expanding Field of Chaperonopathies: In Search of Definitions, Boundaries, and Mechanisms" for the Department of Experimental Biomedicine and Clinical Neurosciences at the University of Palermo in Palermo, Italy, in October



Amal Mattu, MD

2011; and was invited to contribute a talk to the Henry Stewart Talks in London on the molecular chaperone Hsp60 and related chaperonopathies.

► Amal Mattu, MD, professor, Department of Emergency Medicine, recorded a six-hour online advanced electrocardiography course for the American College of Emergency Physicians. It covers acute coronary syndromes (ACS), subtle presentations of ACS, mimics of ACS, disrhythmias, and syncope. The course is offered for nine hours of continuing medical education credit and is available at www.emedhome.com.

IN THE NEWS

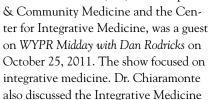


A job well done to all who have kept us in the media spotlight!



Kevin Chen, PhD, MPH, associate professor, Department of Family & Community Medicine and the Center for Integrative Medicine, cited the benefits of yoga and Tai Chi in an article called "Take It Easy" in the November/December 2011 issue of *WebMD* magazine.

Delia Chiaramonte, MD, assistant professor, Department of Family



Kevin Chen, PhD, MPH

elective at the School of Medicine for the article "How Mainstream Medicine is Opening Up to Integrative Health," published in the *Huffington Post* on November 15, 2011. Additionally, last fall on *KDFW-TV* in Dallas, Texas, she discussed the health benefits of meditation.



Delia Chiaramonte, MD

Chris D'Adamo, PhD, assistant professor, Family & Community Medicine, Center for Integrative Medicine and Epidemiology & Public Health, was featured on WYPR *Midday with Dan Rodricks* on October 25, 2011, for a show focused on supplements. In addition, he explained the benefits of fish oil supplements for an article in the January 2012 issue of *Health Radar*, a monthly consumer newsletter, and explained the correct way to determine the accuracy of nutritional information printed on food labels for an article in the January 2012 issue of *Men's Health*.

Lixing Lao, PhD, professor, Department of Family & Community Medicine, discussed the use of "cupping" as an alternative to acupuncture for a *Washington Post* article on January 23, 2012.

▶ **Richard Lichenstein, MD**, associate professor, Department of Pediatrics, was interviewed by *Consumer Reports* on January 12, 2012, about an Ikea high chair recall. Additionally, his study "Headphone Use and Pedestrian Injury and Death in the United States: 2004–2011" generated significant media interest around the globe when it was published on January 16, with news coverage across the United States, Canada, Europe and Australia. Dr. Lichenstein has done dozens of interviews about the study on television and radio, as well as for newspapers, magazines and online news outlets.



Richard Lichenstein, MD

► Haney Mallemat, MD, assistant professor, Department of Emergency Medicine, was interviewed by WBAL-TV for its evening news broadcast on January 3, 2012. He discussed strategies for staying safe in cold weather.

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: Penelope Birckhead Neurosurgery: Terry Roberts **Obstetrics. Gynecology & Reproduc**tive Sciences: Robin Kissinger **Ophthalmology:** Nancy Cook Orthopaedics: Dori Kelly Otorhinolaryngology: Bryan Ambro Pathology: Carmen White Pediatrics: Connie Ward **Pharmacology & Experimental** Therapeutics: Anne Nourse

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Kara Longo Center for Shock, Trauma and Anes thesiology Research or STAR-ORC: Jane Anderson Center for Stem Cell Biology &

Regenerative Medicine LaRondi Flowers

Center for Vaccine Development: Shawnell Stokes

Center for Vascular & Inflammatory Diseases: Talia Bailey

Institute for Autoimmunity and Inflammation: Susie Flaherty Institute for Genome Sciences:

Renée Nathaniel

Institute of Human Virology: Nora Grannell

MD/PhD Program: Jane Bacon

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