



What's the Buzz?

NOVEMBER–DECEMBER VOL.20 NO.11

SELF-REPORTED NEWS from the SCHOOL OF MEDICINE COMMUNITY

Events, Lectures & Workshops

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

► The University of Maryland School of Medicine and Medical Center were well represented at the 2018 Annual Meeting of the American Society for Radiation Oncology (ASTRO), October 21–24, at the Henry B. Gonzalez Convention Center in San Antonio, Tex. Faculty members, residents, and postdoctoral students from the Department of Radiation Oncology made 38 presentations (6 podium, 23 posters, 3 invited, 3 panels, and 3 as moderators). Many department members reported on studies that can quickly transition into peer-reviewed publications and/or clinical practice. A highlight of the meeting was the 9th Annual University of Maryland Alumni and Friends Event on the evening of October 21 on the Riverwalk at the Hotel Contessa.



► US Senator Chris Van Hollen (D-MD) visited the adult emergency department at the University of Maryland Medical Center on November 1 to discuss the effects of the opioid crisis on ED operations, the use of fentanyl among ED

patients, and the administration of buprenorphine to patients seeking treatment or in withdrawal. Joining in that conversation were (left to right) **Mohan Suntha, MD, MBA**, the Marlene & Stewart Greenebaum Professor in Radiation Oncology, President & CEO, University of Maryland Medical Center; **Michael Winters, MD, MBA**, Professor and Vice Chair of Clinical and Administrative Affairs, Department of Emergency Medicine; Senator Van Hollen; **Stephen Thom, MD, PhD**, Professor, Department of Emergency Medicine; **Zachary Dezman, MD, MS, MS**, Assistant Professor, Department of Emergency Medicine; and **Eric Weintraub, MD**, Associate Professor, Department of Psychiatry.

► **Odessa Addison, DPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, presented on “Myosteatosis and Function: Its Relationship to Mobility, Balance, and Frailty,” at the National Institute of Aging in Bethesda, Md. on September 14. Dr. Addison also presented “Physical Function and Balance Assessment in Older Veterans” at the VA GRECC/GEC Conference: A Multidisciplinary and Interprofessional Approach to Addressing Functional Impairment, on September 18.



Odessa Addison, DPT, PhD

► **Thomas Blanpied, PhD**, Associate Professor, Department of Physiology, delivered a lecture titled, “Dynamic Control of Synaptic Nanostructure and Function by Adhesion Molecules,” at the Cold Spring Harbor Asia Conference Meeting: Advances in Optical Imaging of Living Cells & Organisms: Focus on the Brain, which was held in Suzhou, China, October 15–19.

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, delivered an oral presentation on “PET Imaging of Cardiac Device Infection” in the State-of-the Art in Cardiovascular Molecular Imaging from Bench to Bedside session, at the World Molecular Imaging Congress, which was held in Seattle on September 14.



Vasken Dilsizian, MD

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, presented at the Child Abuse Research Education Service

Institute, Rowan University School of Osteopathic Medicine in Stratford, N.J. in August. His topics were “Neglected Children: Controversies and Challenges” and “Medical Child Abuse (aka Munchausen Syndrome by Proxy).” Dr. Dubowitz also presented at the XXII International Society for the Prevention of Child Abuse and Neglect Congress in Prague, the Czech Republic



Howard Dubowitz, MB, ChB, MS, FAAP

in September. He delivered the C. Henry Kempe Lecture as a keynote “The ‘P’ and the ‘N’ in ISPCAN” and gave a workshop on “Child Neglect: Principles for Practice.”

► **Robert Ferguson, MD, MACP**, Clinical Professor, Department of Medicine, was the keynote speaker for the 2018 Resident Research Day, held at Saint Thomas Health, Nashville, Tenn. on October 5.



Robert Ferguson, MD, MACP

► **Gary Fiskum, PhD**, the M Jane Matjasko Professor for Research and the Vice Chair for Research in Anesthesiology, presented a lecture at the Military Health Services Research Symposium titled “Exposure of Rats to Aeromedical Evacuation-Relevant Hypobaric Following Traumatic Brain Injury Plus Hemorrhagic Shock Worsens Mortality and Gut, Lung, and Kidney Injury,” in Orlando, Fla. in August. Dr. Fiskum also presented a lecture at the Society for Neuroscience in Anesthesiology and Critical Care titled “Strategic Use of Oxygen Following Acute Brain Injury,” in San Francisco in October.

► **Julie Frank, MS, CGC**, Genetic Counselor and Instructor, and **Carol Greene, MD**, Professor, Department of Pediatrics, Division of Human Genetics, gave a seminar titled “Living with Hypertrophic Cardiomyopathy, a Seminar for Patients & Families,” as part of the Genetics of HCM: The History, the Present, and the Future event during the University of Maryland Heart and Vascular Center Conference on October 27.

► **Karen Gordes, PT, PhD, DScPT**, Assistant Professor and **Sandy McCombe Waller, PT, PhD, NCS**, Associate Professor, both from the Department of Physical Therapy and Rehabilitation Science, presented “Novel Interprofessional Collaborations—Where Technology and Physical Therapy Meet,” at the American Physical Therapy Association’s Educational Leadership Conference which was held in Jacksonville, Fla., October 12–14. In addition, Drs. McCombe Waller and Gordes, along with **Linda Horn, PT, DScPT, MHS**, Assistant Professor, all from the Department of Physical Therapy and Rehabilitation Science, presented “Taking it to the Streets: Enhancing Healthcare Access for Inner City Populations Through Integrated Curricular Activities.”



Karen Gordes, PT, PhD, DScPT

► **Jenny Guyther, MD**, Assistant Professor, and **Danya Khoujah, MBBS**, Assistant Professor, both from the Department of Emergency Medicine, were faculty members for the National Continued Competency Program Paramedic Refresher course, held at the University of Maryland, Baltimore County (UMBC), during the week of October 30. Dr. Guyther’s lectures were titled “What a Pain! A Closer Look at Head and Neck Trauma,” and “Challenging the Status Quo: Where the EMS Literature is Taking Us.” Dr. Khoujah presented three lectures: “Stroke: Beyond the Basics,” “Seizures,” and “Pearls and Pitfalls of Managing Psychiatric Emergency.” The course was sponsored by UMBC’s Department of Emergency Health Services.

► **Marc Hochberg, MD, MPH, MACP, MACR**, Professor, Department of Medicine, gave an invited presentation on the topic of “Recommendations for the Diagnosis and Management of Osteoporosis” at the National Institutes of Health (NIH) Pathways to Prevention (P2P) Workshop, held October 30–31 at the NIH Clinical Center in Bethesda, Md. Dr. Hochberg’s presentation was titled “Appropriate Use of Drug Therapies for Osteoporotic Fracture Prevention.”



Marc Hochberg, MD, MPH, MACP, MACR

► **Xiaofeng Jia, BM, PhD**, Associate Professor, Department of Neurosurgery, presented “Post-Resuscitation Brain Monitoring with Targeted Temperature Management” at the 7th International Hypothermia and Temperature Management Symposium, held in Sydney, August 28–30.

► **Nancy Lowitt, MD, EdM**, Assistant Professor, Department of Medicine, Associate Dean for Faculty Affairs & Professional Development, presented a poster at the Association of American

Events, Lectures & Workshops *continued from page 1*



Nancy Lowitt, MD, EdM

Medical Colleges' (AAMC) Learn, Serve, Lead Meeting, held in Austin, Tex. on November 3, titled "A Leadership Workshop for Women in Medicine." **Lisa Rowen, DNSc**, Chief Nurse Executive for the University of Maryland Medical System, **Cherita Adams, MBA**, Career Development Manager, Office of Human Resource Services, and **Peter Rock, MD, MBA**, the Martin Helrich Chair for Anesthesiology, were co-authors on the poster.

► **Amal Mattu, MD**, Professor and Vice Chairman, Department of Emergency Medicine, conducted a 21-hour course on emergency cardiology in Sarasota, Fla., from October 22–26. The CME course, titled "Emergency Cardiology: Beyond A-B-C and ACLS," was sponsored by American Medical Seminars. Content included electrocardiographic workshops covering cardiac ischemia and its mimics, advanced dysrhythmia recognition and management, and critical ECG findings in patients with syncope. In addition, Dr. Mattu presented lectures on cardiogenic pulmonary edema, cardiac arrest, acute coronary syndromes, low-risk chest pain, and legal pitfalls in emergency cardiology. The course was attended by over 100 health care providers in emergency medicine, internal medicine, family medicine, anesthesiology, cardiology, cardiothoracic surgery, and critical care from the United States, Canada, and the Caribbean.

► **Mary McKenna, PhD**, Professor, Department of Pediatrics, presented a talk on "Glial Glutamate Oxidation in Support of Neuronal Signaling," at the James S. McDonnell Foundation workshop on



Amal Mattu, MD

"Glutamate/GABA and Brain Health: It's More Than a Balancing Act," in Tarrytown, N.Y. on November 2. Dr. McKenna also presented at a Passenger Safety Conference held in Boulder, Colo. on August 29, where she ran a workshop related to her research on child passenger safety in the hospital setting.

► **Violeta Rus, MD, PhD**, Associate Professor, Department of Medicine, and **Horea Rus, MD, PhD**, Professor, Department of Neurology, presented "Response Gene to Complement-32 Expression is Upregulated in Lupus T Cells and Promotes IL-17A Expression" at the Lupus 21st Century 2018 Conference, held in Armonk, N.Y., September 13–15. Separately, Drs. Violeta Rus and Horea Rus presented "RGC-32 Promotes Kidney Injury Damage in Immune Complex-Mediated Glomerulonephritis," at the American College of Rheumatology Meeting in Chicago, October 19–23.

► **Mark Travassos, MD, MSc**, Assistant Professor, Department of Pediatrics, Center for Vaccine Development and Global Health, was the invited speaker at the Pfemp1: From Var Genes to Malaria Vaccines Symposium at the University of Copenhagen in Denmark, on June 28. Dr. Travassos presented "Using Microarrays to Identify Variant Surface Antigens Critical to Natural Malaria Immunity."



Stefanie Vogel, PhD

► **Stefanie Vogel, PhD**, Professor, Department of Microbiology and Immunology was an invited speaker and presented "How Influenza 'retrains' the Host for Increased Susceptibility," at the Toll 2018 meeting held in Porto, Portugal, June 6–9.



Violeta Rus, MD, PhD



Mark Travassos, MD, MSc

New Faculty

We welcome our new faculty!



Bakri Alzarka, MD

► **Bakri Alzarka, MD**, joined the Department of Pediatrics as an Assistant Professor in July 2018. Dr. Alzarka received his MD from the University of Aleppo-Faculty of Medicine, Syrian Arab Republic in 2010. He completed an Internship and a Pediatric Residency in Categorical Pediatrics at Joan C Edwards School of Medicine at Marshall University, Huntington, West Virginia. He followed this with a Fellowship in Pediatric Nephrology at Children's National Health System, Washington, DC.

► **Parvin Azizi, MD**, joined the Department of Pediatrics as an Assistant Professor in March 2018. Dr. Azizi received her MD from Shiraz University of Medical Sciences, Shiraz, Iran in 1989. She completed a Pediatrics Residency Program at Iran University of Medical Sciences, Tehran, Iran. She also completed a Pediatrics Residency Program at Albany Medical Center, Albany, New York. She completed a Pediatric Neurology Residency Program at Baylor



Parvin Azizi, MD

College of Medicine, Texas Children's Hospital, Houston, Texas. She followed that with a Fellowship in Neurodevelopmental Disabilities also at Baylor College of Medicine.

► **Nidhi Kotwal, MBBS**, joined the Department of Pediatrics as an Assistant Professor in August 2018. Dr. Kotwal received her MBBS from Goa Medical College, Goa, India, in 2010. She completed a Pediatrics Internship and a Pediatric Residency at Elmhurst Hospital Center, Icahn School of Medicine at Mount Sinai, New York, New York. She completed a Pulmonary and Sleep Fellowship at Children's National Medical Center, Washington, DC.

► **Rena Malik, MD**, recently joined the Department of Surgery as an Assistant Professor and Director of Female Pelvic Medicine & Reconstructive Surgery. Dr. Malik specializes in pelvic organ prolapse, female and male urinary incontinence, voiding dysfunction, management of neurogenic bladder, and reconstructive urology including stricture disease, vesicovaginal fistula repair, urethral diverticulectomy and urinary diversion. She also specializes in complex mesh removal after prior prolapse or incontinence repair. Her research interests are in health literacy and gender disparity.



Rena Malik, MD

In the News

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



Chris D'Adamo, PhD

► **Chris D'Adamo, PhD**, Assistant Professor of Family & Community Medicine, and Associate Director, Center for Integrative Medicine, was quoted in "6 Foods to Eat to Help Prevent the Flu" on *Health.com* in October 2018. Dr. D'Adamo was also quoted in "Does Turmeric Really Reduce Inflammation?" on *Consumer Reports.com*.

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, was a panelist of the launch of the national campaign, "Ending Child Abuse in Our Lifetime" at the National Press Club in Washington, DC in September.

► **Rachel Gore, ScM, CGC**, Genetic Counselor, Instructor, Department of Pediatrics, Division of Human Genetics, was interviewed by

Capital Gazette in October regarding her work at the UMMS Associated BWMC Cancer Center as a genetic counselor with patients who have a personal or family history of cancer.

► **Brian Jackson, MA, LAc**, Clinical Instructor of Family & Community Medicine, Center for Integrative Medicine, was quoted in "Carroll Patients Complement Cancer Treatment with Acupuncture," published in the *Carroll County Times* on October 9, 2018.

► **Michelle Pearce, PhD**, Assistant Professor of Family & Community Medicine, Center for Integrative Medicine, was featured on a CXMH radio podcast on November 5, 2018 called "CBT for Depression."



Michelle Pearce, PhD

Publications

Hats off to those who have been published!

► **Manuj Agarwal, MD**, Assistant Professor; **Neha Amin, MD**, Assistant Professor; **Jason Molitoris, MD, PhD**, Assistant Professor; all from the Department of Radiation Oncology, were among the authors of “Long-Term Outcomes Analysis of Low-Dose-Rate Brachytherapy in Clinically T3 High-Risk Prostate Cancer,” e-published in *Brachytherapy* on August 21, 2018. Separately, Dr. Agarwal was a co-author of “Anatomy, Lymphatic System,” e-published in *StatPearls* on August 3, 2018.



Neha Amin, MD

► **Akbar Anvari, PhD**, Postdoctoral Fellow; **Yannick Poirier, PhD**, Assistant Professor; and **Amit Sawant, PhD**, Associate Professor; all from the Department of Radiation Oncology, authored “Kilovoltage Transit and Exit Dosimetry for a Small Animal Image-Guided Radiotherapy System Using Built-In EPID,” e-published in *Medical Physics* on August 17, 2018.

► **Scott Baliban, PhD**, Postdoctoral Fellow, was first author on “Immunogenicity and Induction of Functional Antibodies in Rabbits Immunized with a Trivalent Typhoid-Invasive Nontyphoidal *Salmonella* Glycoconjugate Formulation,” published in *Molecules* on July 17, 2018.

► **Rong Chen, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Distinct and Dynamic ON and OFF Neural Ensembles in the Prefrontal Cortex Code Social Exploration,” published in *Neuron* on September 13, 2018.



Rong Chen, PhD

► **Wilbur Chen, MD, MS**, Associate Professor, Department of Medicine, was among the co-authors of “Update on Vaccines for Enteric Pathogens,” published in *Clinical Microbiology and Infection* on June 28, 2018.



Wilbur Chen, MD, MS

► **Delia Chiamonte, MD**, Adjunct Faculty, Center for Integrative Medicine; **Adeel Kaiser, MD**, Assistant Professor, Department of Radiation Oncology; **Charles Simone, MD**, Associate Professor, Department of Radiation Oncology; **William Regine, MD, FACR, FACRO**, the Isadore & Fannie Schneider Foxman Chair and Professor in Radiation Oncology; and **Brian Berman, MD**, Professor, Department of Family & Community Medicine, were authors of “Integrative Wellness for Patients Receiving Proton Therapy: A Patient-Centered Collaboration,” published in the *Journal of Alternative and Complementary Medicine* on September 24, 2018.



Delia Chiamonte, MD

► **Myeongjin Choi, DVM, PhD**, Postdoctoral Fellow, and **Alan Cross, MD**, Professor, Department of Medicine, were first and corresponding authors of “Effect of Hypobaric and Hyperoxia during Sepsis on Survival and Energy Metabolism,” published in the July 2018 Issue of *Journal of Trauma and Acute Care Surgery*.

► **Derik Davis, MD**, Assistant Professor; **Rao Gullapalli, PhD, MBA**, Professor; and **Jiachen Zhuo, PhD**, Assistant Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the authors of “Quantification of Shoulder Muscle Intramuscular Fatty Infiltration on T1-Weighted MRI: a Viable Alternative to the Goutallier Classification System,” published in *Skeletal Radiology* on September 10, 2018.



Derik Davis, MD

► **Laura Diegelmann, MD, RDMS**, Clinical Assistant Professor, Department of Emergency Medicine, was among the co-authors of “Does Point-of-Care Ultrasonography Improve Clinical Outcomes in Emergency Department Patients with Undifferentiated Hypotension? An International Randomized Controlled Trial from the Shoc-ED Investigators,” published in the October 2018 Issue of *Annals of Emergency Medicine*.

► **Sai Sachin Divakaruni, PhD**, and **Thomas Blanpied, PhD**, Associate Professor, Department of Physiology, were co-authors of “Long-Term Potentiation Requires a Rapid Burst of Dendritic Mitochondrial Fission During Induction,” published in *Neuron* on October 11, 2018.

► **Vahid Etezadi, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was a co-author of



Vahid Etezadi, MD

“Bile Leak after Transjugular Liver Biopsy in a Cholecystectomy Patient,” published in *Radiology Case Reports* on September 14, 2018.

► **Ann Farese, MA, MS**, Assistant Professor; **Alex Bennett**, Research Lead Specialist; **Allison Gibbs**, Research Specialist; **Kim Hankey, PhD**, Assistant Professor; and **Thomas Macvittie, PhD**, Professor;



Ann Farese, MA, MS

all from the Department of Radiation Oncology, were among the authors of “Efficacy of Neulasta or Neupogen on H-ARS and GI-ARS Mortality and Hematopoietic Recovery in Nonhuman Primates After 10 Gy Irradiation with 2.5% Bone-Marrow Sparing,” e-published in *Health Physics* on October 2, 2018.



Meagan Fitzpatrick, PhD

► **Meagan Fitzpatrick, PhD**, Research Associate, Department of Medicine, was the first author on “The Challenge of Vanquishing HIV for the Next Generation-Facing the Future,” published in *JAMA Pediatrics* on July 1, 2018.

► **Eric Friedman, MD**, Resident, and **Kenneth Butler, DO**, Associate Professor, both from the Department of Emergency Medicine, authored “Not Just Another ‘Found Down’: Concomitant Upper Arm and Gluteal Compartment Syndrome,” published in the *Journal of Emergency Medicine* on October 1, 2018.

► **Nicolas Hegerle, PhD**, Postdoctoral Fellow; **James Galen, PhD**, Professor of Medicine; **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases; **Raphael Simon, PhD**, Assistant Professor of Medicine; and **Sharon Tennant, PhD**, Associate Professor of Medicine; all from the Center for Vaccine Development and Global Health, co-authored “Overexpression of O-Polysaccharide Chain Length Regulators in Gram-Negative Bacteria Using the Wzx-/Wzy-Dependent Pathway Enhances Production of Defined Modal Length O-Polysaccharide Polymers for Use as Haptens in Glycoconjugate Vaccines,” published in the *Journal of Applied Microbiology* on August 1, 2018.



Xiaofeng Jia, BM, PhD

► **Xiaofeng Jia, BM, PhD**, Associate Professor, Department of Neurosurgery, was the co-corresponding author of “Heparin-Poloxamer Thermosensitive Hydrogel Loaded with bFGF and NGF Enhances Peripheral Nerve Regeneration in Diabetic Rats,” published in the June 2018 Issue of the *Biomaterials*. In addition, Dr. Jia was the corresponding author of “Quantitative Multimodal Evaluation of Passaging Human Neural Crest Stem Cells for Peripheral Nerve Regeneration,” published in the February 2018 Issue of *Stem Cell Reviews and Reports*.

Jian Du, PhD, Postdoctoral Fellow; **Huanwen Chen**, Medical Student; and **Kailiang Zhou, MD**, Postdoctoral Fellow; all from the Department of Neurosurgery, were also co-authors. Dr. Jia also was the corresponding author along with Drs. Du and Chen; **Liming Qing, MD, PhD**, Postdoctoral Fellow; and **Xiuli Yang, MD, PhD**, Postdoctoral Fellow; all from the Department of Neurosurgery on “Biomimetic Neural Scaffolds: A Crucial Step Towards Optimal Peripheral Nerve Regeneration,” published in *Biomaterials Science* on May 29, 2018. Separately, Dr. Jia, along with **Salazar Jones, MD**, Resident, Department of Neurosurgery, were authors of “Novel Multi-Drug Delivery Hydrogel Using Scar-Homing Liposomes Improves Spinal Cord Injury Repair,” published in the August 2018 Issue of *Theranostics*. In addition, Dr. Jia was the co-corresponding author along with first author Dr. Yang, of “Pretreatment with Low-dose Fimasartan Ameliorates NLRP3 Inflammation-Mediated Neuroinflammation and Brain Injury after Intracerebral Hemorrhage,” published in *Experimental Neurology* on August 29, 2018. Also, Dr. Jia was the corresponding author, along with Drs. Qing and Chen, of “Exosomes and Their MicroRNA Cargo: New Players in Peripheral Nerve Regeneration,” published in the September 2018 Issue of *Neurorehabilitation & Neural Repair*.



Karen Kotloff, MD

► **Karen Kotloff, MD**, Professor of Pediatrics and Associate Director for Clinical Research; **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor of Medicine and Associate Dean for Global Health, Vaccinology and Infectious Diseases; and **James Nataro, MD, PhD**, Adjunct Professor of Pediatrics; all from the Center for Vaccine Development and Global Health, were among the co-authors of “Clinical, Environmental, and Behavioral Characteristics Associated with Cryptosporidium Infection Among Children with Moderate-to-Severe Diarrhea in Rural Western Kenya, 2008-2012: The Global Enteric

Multicenter Study (GEMS),” published in *PLoS Neglected Tropical Diseases* on July 12, 2018. Separately, Dr. Kotloff was among the co-authors of “Morbidity, Mortality, and Long-Term Consequences Associated with Diarrhea from Cryptosporidium Infection in Children Younger than 5 Years: A Meta-Analysis Study,” published in *Lancet Global Health* on July 6, 2018. In addition, Dr. Kotloff was among the co-authors of “A Randomized, Placebo-Controlled Phase I Trial of Live, Attenuated Herpes Zoster Vaccine in Subjects with End-Stage Renal Disease Immunized Prior to Renal Transplantation,” published in *Transplant Infectious Diseases* on June 20, 2018.

► **Svetlana Kudryasheva**, Research Project Coordinator; **Adeel Kaiser, MD**, Assistant Professor; **Stewart Becker, PhD**, Assistant Professor; **Mariana Guerrero, PhD**, Clinical Associate Professor; and **Byong Yong Yi, PhD**, Professor; all in the Department of Radiation Oncology, were among the authors of “Correlation of Radiation Dose and Activity with Clinical Outcomes in Metastatic Colorectal Cancer after Selective Internal Radiation Therapy Using Yttrium-90 Resin Microspheres,” e-published in *Nuclear Medicine Communications* on August 17, 2018.



Young Kwok, MD

► **Young Kwok, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Sequence of Hormonal Therapy and Radiotherapy Field Size in Unfavourable, Localised Prostate Cancer (NRG/RTOG 9413): Long-Term Results of a Randomised, Phase 3 Trial,” e-published in *Lancet Oncology* on October 10, 2018.

► **Narottam Lamichhane, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Dosimetric Analysis of Stereotactic Body Radiation Therapy for Pancreatic Cancer Using MR-Guided Tri-(60)Co Unit, MR-Guided LINAC, and Conventional LINAC-Based Plans,” published in the September/October 2018 Issue of *Practical Radiation Oncology*.



Narottam Lamichhane, PhD

► **Katja Langen, PhD**, Associate Professor; **William Regine, MD, FACR, FACRO**, the Isadore & Fannie Schneider Foxman Chair of the Department of Radiation Oncology, and **James Snider, MD**, Assistant Professor; all from the Department of Radiation Oncology, were among the authors of “Pencil Beam Scanning Versus Passively Scattered Proton Therapy for Unresectable Pancreatic Cancer,” in the September 2018 Issue of the *Journal of Gastrointestinal Oncology*.



Katja Langen, PhD

► **Jessica Lee, MD, MPH**, Assistant Professor, Department of Obstetrics, Gynecology, and Reproductive Sciences, was first author of “Female and Male Decision-Making Regarding Whether to Continue or Abort an Unintended Pregnancy: A Secondary Analysis of the FECOND Study,” published in *The European Journal of Contraception & Reproductive Health Care* on September 28, 2018.

► **Hua Jun Liang, MBBS, PhD**, Postdoctoral Fellow; **Linda Chang, MD, MS**, Professor; **Rong Chen, PhD**, Assistant Professor; and **Thomas Ernst, Dr rer nat**, Professor; all from the Department of Diagnostic Radiology and Nuclear Medicine, were the authors of “Independent and Combined Effects of Chronic HIV-Infection and Tobacco Smoking on Brain Microstructure,” published in the *Journal Neuroimmune Pharmacology* on September 17, 2018. Dr. Chang also was a co-author of “Imaging Studies of the HIV-Infected Brain,” e-published in the *Handbook of Clinical Neurology* on March 28, 2018.



Thomas MacVittie, PhD

► **Thomas MacVittie, PhD**, Professor, Department of Radiation Oncology, was a co-author on “Haplodeletion of Follistatin-Like 1 Attenuates Radiation-Induced

Pulmonary Fibrosis in Mice,” e-published in the *International Journal of Radiation Oncology, Biology, Physics* on August 29, 2018. Separately, Dr. Macvittie, was among the authors of “Opportunities and Challenges with Animal Models for Acute Radiation Syndrome Drug Discovery,” in the November 2018 Issue of *Expert Opinion on Drug Discovery*. Dr. Macvittie, also was among the authors of “Characterization and Etiology of Swollen Muzzles in Irradiated Mice,” e-published in *Radiation Research* on October 19, 2018.

► **Rachel McCarroll, PhD**, Physics Resident, Department of Radiation Oncology, was lead author of “Retrospective Validation and Clinical Implementation of Automated Contouring of Organs at Risk in the Head and Neck: A Step Toward Automated Radiation Treatment Planning for Low- and Middle-Income Countries,” e-published in the *Journal of Global Oncology* on August 15, 2018.



Mary McKenna, PhD

► **Mary McKenna, PhD**, Professor, Department of Pediatrics, was among the authors of “Fundamentals of CNS Energy Metabolism and Alterations in Lysosomal Storage Diseases,” published in the *Journal of Neurochemistry* on August 24, 2018.

► **Kathleen Neuzil, MD, MPH, FIDSA**, Professor of Pediatrics and Medicine, and Director of the Center for Vaccine Development and Global Health, and **Justin Ortiz, MD**, Associate Professor of Medicine, Center for Vaccine Development and Global Health, were among the co-authors of “Implementation of Maternal Influenza Immunization in El Salvador: Experiences and Lessons Learned from a Mixed-Methods Study,” published in *Vaccine* on June 27, 2018.



Kathleen Neuzil, MD, MPH, FIDSA

► **Elizabeth Nichols, MD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Findings on Surveillance Imaging After Preoperative Partial Breast Irradiation for Early Stage Breast Cancer,” e-published in the *International Journal of Radiation Oncology, Biology, Physics* on June 5, 2018.



Amed Ouattara, PhD, PharmD

► **Amed Ouattara, PharmD, PhD**, Research Associate; **Matthew Adams**, Laboratory Supervisor; **Sonia Agrawal**, Graduate Research Assistant; **Shannon Takala-Harrison, PhD**, Associate Professor of Medicine; and **Joana Carneiro da Silva, PhD**, Associate Professor of Microbiology and Immunology; all from the Center for Vaccine Development and Global Health, were among the co-authors of “Extent and Dynamics of Polymorphism in the Malaria Vaccine Candidate *Plasmodium falciparum* Reticulocyte-Binding Protein Homologue-5 in Kalifabougou, Mali,” e-published in *The American Journal of Tropical Medicine and Hygiene* on May 24, 2018.

► **Elizabeth Parker, PhD, RD**, Assistant Professor of Family & Community Medicine, Center for Integrative Medicine, co-authored “Comparison of the HEI and HEI-2010 Diet Quality Measures in Association with Chronic Disease Risk Among Low-Income, African American Urban Youth in Baltimore, Maryland,” published in *The Journal of the American College of Nutrition* on January 9, 2018. Separately, Dr. Parker co-authored “Development and Validation of the PEA-PODS (Perceptions of the Environment and Patterns of Diet at School) Survey for Students,” published in *Preventive Chronic Disease* on June 28, 2018. In addition, Dr. Parker co-authored “Friends and Family: How African American Adolescents’ Perceptions of Dietary Beliefs and Behaviors of Others Relate to Diet Quality,” published in the *Journal of the Academy of Nutrition and Dietetics* on October 15, 2018. Dr. Parker also co-authored “Wellness Champions for Change’, a Multi-Level Intervention to Improve School-Level Implementation of Local Wellness Policies: Study Protocol for a Cluster Randomized Trial,” published in *Contemporary Clinical Trials* on October 18, 2018. Dr. Parker was also lead author on “Spices and Herbs Increased Vegetable Palatability among Underserved Urban Adolescents,” published in the November 2018 Issue of *Health Behavior and Policy Review* 2018. Co-authors included **Termeh Feinberg, PhD, MPH**, former Postdoctoral Fellow; **Mary Bahr-Robertson**, Research Supervisor; **Brian Berman, MD**, Professor, Department of Family & Community Medicine, Director; and **Chris D’Adamo, PhD**, Assistant Professor, Department of Family & Community Medicine, Associate Director; all from the Center for Integrative Medicine.



Elizabeth Parker, PhD, RD

Publications *continued from page 4*



Marcela Pasetti, PhD

► **Marcela Pasetti, PhD**, Professor of Pediatrics, Center for Vaccine Development and Global Health, was among the co-authors of “Safety and Immunogenicity of an Oral Tablet Norovirus Vaccine, a Phase I Randomized, Placebo-Controlled Trial,” published in *JCI Insight* on July 12, 2018.

► **Yannick Poirer, PhD**, Assistant Professor, and **Chris Johnstone**, Research Medical Physicist, both from the Department of Radiation Oncology, were among the authors of “The Potential Impact of Ultrathin Filter Design on Dosimetry and Relative Biological Effectiveness in Modern Image-Guided Small Animal Irradiators,” e-published in the *British Journal of Radiology* on October 3, 2018.



Yannick Poirer, PhD

► **William Regine, MD, FACR, FACRO**, the Isadore & Fannie Schneider Foxman Chair of the Department of Radiation Oncology; **Nader Hanna, MBBCh**, Professor, Department of Surgery; and **Edward Sausville, MD, PhD**, Clinical Professor, Department of Medicine, were among the authors of “Surgical Resection for Recurrent Retroperitoneal Leiomyosarcoma and Liposarcoma,” published in the *World Journal of Surgical Oncology* on October 11, 2018.



William Regine, MD, FACR, FACRO

► **Jill Remick, MD**, Resident, and **Neha Amin, MD**, Assistant Professor, both from the Department of Radiation Oncology, were the authors of “Radiation Therapy, Breast Cancer, Postmastectomy,” e-published in *StatPearls* on August 2, 2018.

► **Stephanie Rice, MD**, Resident; **Young Kwok, MD**, Associate Professor; **William Regine, MD, FACR, FACRO**, the Isadore & Fannie Schneider Foxman Chair of the Department of Radiation Oncology; and **T. Biggins, BSN, CNRN**; all from the Department of Radiation Oncology; **Søren Bentzen, DSMc, PhD**, Professor, Department of Epidemiology & Public Health; and **Graeme Woodworth, MD, MS**, Professor, and **Howard Eisenberg, MD**, Professor and Chair, both from the Department of Neurosurgery, were among the authors of “Prognostic Models for Patients with Brain Metastases after Stereotactic Radiosurgery with or without Whole Brain Radiotherapy: A Validation Study,” e-published in the *Journal of Neuro-oncology* on August 21, 2018. Separately, Dr. Rice, along with **Melissa Vyfhuis, MD, PhD** Resident; **Jason Molitoris, MD, PhD**, Assistant Professor; **Elizabeth Nichols, MD**, Assistant Professor; **Mohan Suntha, MD, MBA**, the Marlene & Stewart Greenebaum Professor in Radiation Oncology, and President & CEO, University of Maryland Medical Center; **Charles Simone, MD**, Associate Professor; and **Pranshu Mohindra, MD, MBBS**, Assistant Professor; all from the Department of Radiation Oncology; and **Whitney Burrows, MD**, Associate Professor; **Shamus Carr, MD**, Assistant Professor; and **Joseph Friedberg, MD**, Professor; all from the Department of Surgery, were among the authors of “Lymph Node Size Predicts for Asymptomatic Brain Metastases in Patients with Non-Small-Cell Lung Cancer at Diagnosis,” e-published in *Clinical Lung Cancer* on September 24, 2018.

► **Horea Rus, MD, PhD**, Professor, and **Alexandru Tatomir MD**, Postdoctoral Fellow, both from the Department of Neurology, were among the co-authors of “Phosphorylated SIRT1 as a Biomarker of Relapse and Response to Treatment with Glatiramer Acetate in Multiple Sclerosis,” published in the October 2018 Issue of *Experimental and Molecular Pathology*.



Horea Rus, MD, PhD

► **Rajabrata Sarkar, MD, PhD**, the Barbara Baur Dunlap Professor of Surgery, was among the authors of “Tumor Suppressor Protein P53 Negatively Regulates Ischemia-Induced Angiogenesis and Arteriogenesis,” published in the December 2018 Issue of the *Journal of Vascular Surgery*.



Rajabrata Sarkar, MD, PhD

► **Kari Ann Shirey, PhD**, Assistant Professor; **Jorge Blanco, PhD**, Adjunct Associate Professor; and **Stefanie Vogel, PhD**, Professor; all from the Department of Microbiology and Immunology, were co-authors of “Novel Role of Gastric Releasing Peptide (GRP)-Mediated Signaling in the Host Response to Influenza Infection,” published in *Mucosal Immunology* on August 8, 2018.



Giovannino Silvestri, PhD

► **Giovannino Silvestri, MD**, Research Associate, was a co-author of “BCR-ABL1 Mediated Mir-150 Downregulation through MYC Contributed to Myeloid Differentiation Block and Drug Resistance in Chronic Myeloid Leukemia,” published in *Haematologica* on July 26, 2018.

► **Raphael Simon, PhD**, Assistant Professor of Medicine, and **Sharon Tennant, PhD**, Associate Professor of Medicine, both from the Center for Vaccine Development and Global Health, authored “Deletions in *guaBA* and *htrA* but not *clpX* or *rfaL* Constitute a Live-Attenuated Vaccine Strain of *Salmonella* Newport to Protect Against Serogroup C₂-C₃ *Salmonella* in Mice,” published in *Human Vaccines and Immunotherapeutics* on June 21, 2018.



Raphael Simon, PhD

► **Charles Simone, MD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Survival Benefit of Adjuvant Radiation Therapy in Node-Positive Vulvar Cancer,” published in the September 2018 Issue of the *American Journal of Clinical Oncology*. Dr. Simone also was the senior author of “Impact of Enlarged Nonhypermetabolic Lymph Nodes on Outcomes After Stereotactic Body Radiotherapy for Early-Stage Non-Small-Cell Lung Cancer,” e-published in *Clinical Lung Cancer* on July 25, 2018. In addition, Dr. Simone was the author of a commentary on “The Current State of Neuro-Palliative Care,” in the July 2018 Issue of *Annals of Palliative Medicine*. Dr. Simone also was among the authors of “Five-Year Long-Term Outcomes of Stereotactic Body Radiation Therapy for Operable Versus Medically Inoperable Stage I Non-Small-Cell Lung Cancer: Analysis by Operability, Fractionation Regimen, Tumor Size, and Tumor Location,” e-published in *Clinical Lung Cancer* on September 20, 2018.

► **Nikki Tirada, MD**, Assistant Professor, and **Gauri Khorjekar, MBBS**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were the authors of “Asymptomatic Complicated Cysts in Postmenopausal Women: Is Tissue Sampling Unnecessarily High?” published in *Academic Radiology* on September 26, 2018. In addition, Drs. Tirada and Khorjekar were among the co-authors of “Breast Cancer Tissue Markers, Genomic Profiling, and Other Prognostic Factors: A Primer for Radiologists,” published in *Radiographics* on October 12, 2018



Nikki Tirada, MD



Su Xu, PhD

► **Su Xu, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was a co-author of “Attenuated Accumulation of Novel Fluorine (¹⁹F)-Labeled Bile Acid Analogues in Gallbladders of Fibroblast Growth Factor-15 (FGF15)-Deficient Mice,” published in *Molecular Pharmaceutics* on October 3, 2018.

► **Owen Woodward PhD**, Assistant Professor, Department of Physiology, was a senior author of “Large-Scale Whole-Exome Sequencing Association Studies Identify Rare Functional Variants Influencing Serum Urate Levels,” published in *Nature Communications* on October 12, 2018.

► **Baoshe Zhang, PhD**, Assistant Professor; **Sung-Woo Lee, PhD**, Assistant Professor; **Shifeng Chen, PhD**, Associate Professor; **Jinghao Zhou, PhD**, Assistant Professor; **Warren D’Souza, PhD**, Professor; and **Byong Yong Yi, PhD**, Professor; all from the Department of Radiation Oncology, were among the authors of “Action Levels on Dose and Anatomic Variation (ALDAV) for Adaptive Radiation Therapy Using Daily Offline Plan Evaluation: Preliminary Results,” e-published in *Practical Radiation Oncology* on August 21, 2018.



Baoshe Zhang, PhD



Jiachen Zhuo, PhD

► **Jiachen Zhuo, PhD**, Assistant Professor; **Dheeraj Gandhi, MBBS**, Professor; **Prashant Raghavan, MD**, Associate Professor (senior author); **Payam Sajedi, MD** (first author); and **Lydia Chelala, MD**, Third Year Resident; all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the authors of “Carotid Webs and Ischemic Stroke: Experiences in a Comprehensive Stroke Center,” published in the *Journal of*

Publications *continued from page 5*

Neuroradiology on September 28, 2018. Dr. Gandhi also was among the co-authors of “Endovascular Thrombectomy in Acute-Onset Ischemic Stroke—Beyond the Standard Time Windows: A Case Report and a Review of the Literature,” published in *Case Reports in Neurology* on September 18, 2018.

► **Creative HeArts**, a student group dedicated to fostering creativity and reflection in medicine through the arts and humanities, presented

their third edition of the *White Coat Reflections Journal* by members of the Class of 2022 at their White Coat Ceremony on November 1. Creative HeArts has a tradition of publishing a booklet of reflective artwork and writing called White Coat Reflections authored exclusively by first-year medical students and their Structure and Development faculty that encompasses the experience of transitioning into medical school and completing its first course.



Honors & Awards

Congratulations to the following who have received honors!

► **Pavlos Anastasiadis, PhD**, Postdoctoral Fellow, Department of Diagnostic Radiology and Nuclear Medicine, was a recipient of the Young Investigator Award by the Focused Ultrasound Foundation for “Towards a Model of FUS-mediated Blood-Brain Barrier Disruption in Non-enhancing, Glioma-invaded Brain Regions for Testing Improvements in Therapeutic Delivery [YI-7/P-YI-7].” In addition, Dr. Anastasiadis’ abstract was awarded the Bracco Suisse SA Young Investigator Award at the 6th International Symposium on Focused Ultrasound 2018, in Reston, Va., October 21–25.

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, was awarded the Kempe Lectureship Award by the International Society for the Prevention of Child Abuse in Neglect in recognition of “significant contributions to the welfare of children worldwide.”

► **Karen Gordes, PhD, PT, DScPT**, Assistant Professor; **Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor; and **Sandra McCombe Waller, PT, PhD, MS, NCS**, Associate Professor; all from the Department of Physical Therapy and Rehabilitation Science, have been named as President’s Interprofessional Education Faculty Scholars. This scholars program is intended to support faculty from the UMB professional schools in expanding their knowledge and expertise related to providing interprofessional education.

► An abstract submitted by **Arezoo Modiri, PhD**, Assistant Professor, Department of Radiation Oncology’s, titled “Modeling Patient-Specific Risk Factors for Central Lung Tumor SBRT Planning” was named as 1 of only 44 (out of >3,000 submissions) to receive ASTRO 2018 Annual Meeting Awards. Dr. Modiri’s submission, accepted for a “Best of Physics” oral presentation, won the Basic/Translational Award in the Junior Investigator Radiation Physics Category. She received a \$1,000 honorarium, certificate, and complimentary registration at the meeting. Her work was featured in a press release and will be highlighted in the



Arezoo Modiri, PhD

Annual Meeting Proceedings of the *International Journal of Radiation Oncology, Biology, Physics*.

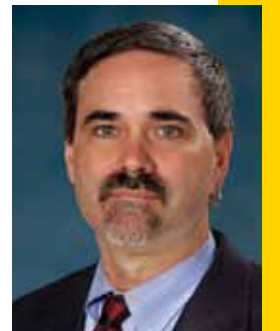
► Department of Physical Therapy and Rehabilitation Science’s DPT student **Stephanie Oscilowski** recently received two scholarships to attend two American Physical Therapy Association (APTA) conferences. The first scholarship, granted from the Women’s Section of the APTA, allowed Ms. Oscilowski to attend the National Student

Conclave (NSC) which was held in Providence, R.I., October 11–13. Ms. Oscilowski has also received a scholarship from Kaiser Permanente to attend the Combined Sections Meeting (CSM), which will be held in Washington, DC from January 23–26, 2019.

► **Yannick Poirier, PhD**, Assistant Professor, Department of Radiation Oncology, was awarded first place for his podium presentation on “A Review of the Current State of Physics and Dosimetry Reporting in Radiation Biology Research,” at the Canadian Association of Radiation Oncology/Canadian Organization of Medical Physicists/Canadian Association of Medical Radiation Technologists Joint Scientific Meeting in Montreal, Quebec, September 12–15.

► **Austin Ramsey**, Neuroscience PhD Student, Department of Physiology, received an Individual National Research Service Award in the amount of \$83,306 for “Dynamic Control of Synaptic Substructure and Function by Adhesion Molecules.”

► **Owen White, PhD**, Professor, Department of Epidemiology & Public Health, received the 2018 Microbiome Pioneer Award presented at the Stanford Bioinformatics for the Microbiome Symposium at Stanford University on September 25.



Owen White, PhD

Appointments

We applaud our colleagues on their recent appointments!



Cara Felter, PT, DPT, MPH

► **Cara Felter, PT, DPT, MPH**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been elected to serve a two-year term as the Director of Education for the American Physical Therapy Association of Maryland. This is Dr. Felter’s second term.

► **Roy Film, PT, MPT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been elected to serve a two-year term as a delegate representing Maryland’s Central District in the American Physical Therapy Association’s House of Delegates.

► **Erin Hager, PhD**, Associate Professor, Department of Pediatrics, was elected to the Executive Committee of the Medical School Genetics Course Directors Special Interest Group, as part of the Association of Professors in Human and Medical Genetics.

► **Jon Hirshon, MD, MPH, PhD**, Professor, Department



Roy Film, PT, MPT, DPT, OCS, FAAOMPT

of Emergency Medicine, was elected Vice-President of the American College of Emergency Physicians (ACEP) at the organization’s Scientific Assembly in San Diego. His duties in this role include being the key liaison to the Emergency Medicine Residents’ Association and the journal *Annals of Emergency Medicine*. ACEP, a national medical specialty society with 40,000 members, is committed to advancing emergency care through continuing education, research and public education.



Sandra McCombe Waller, PT, PhD, MS, NCS

► **Sandra McCombe Waller, PT, PhD, MS, NCS**, Associate Professor, Department of Physical Therapy and Rehabilitation Science, has been appointed to the American Board of Physical Therapy Residency & Fellowship Education (ABPTRFE) Standards Committee for the term of October 1, 2018 to September 30, 2021.

► **Erin Strovel, PhD**, Assistant Professor, Department of Pediatrics, was elected to the Executive Committee of the Medical School Genetics Course Directors Special Interest Group, as part of the Association of Professors in Human and Medical Genetics.



Jon Hirshon, MD, MPH, PhD



Erin Hager, PhD

Community Outreach

Thanks to those who selflessly donate their time, talent and resources. Your goodwill does not go unappreciated.

► On September 16, students and faculty from the DPT Program in the Department of Physical Therapy and Rehabilitation Science participated in balance screenings at the Baltimore County Department of Aging, 12th Annual Get Ready! Get Set! Get Fit! 5k Run/Walk and 1 mile Walk. Faculty participants included **Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor, and **Rachel Skolky, PT, DPT, GCS**, Instructor.

In addition, on September 19, several of the second year DPT students, volunteered at the Amputee Walking School cohosted by Dankmeyer, Inc. and the University of Maryland Rehabilitation and

Orthopaedic Institute. On September 29, members of the Department of Physical Therapy and Rehabilitation Science's DPT Class of 2019 and Class of 2020 participated in the 16th Annual CommUnity Fest Health Fair held at Lexington Market in Baltimore City. Blood pressure and posture screens were provided to 21 participants. Students from the Class of 2019 included: **Lizzy Daniel, Matt Delapaz, Becky Gellar, Ali Forejt, and Alex Lee**. Students from the Class of 2020 included: **Erin Border, Anthony Garber, Angela Fernandez, Parth Naik, and Maricella William**. The DPT students were mentored by **Vincent Conroy, PT, DScPT**, Assistant Professor.

Grants & Contracts

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



Amber Beitelshees, PharmD, MPH

► **Amber Beitelshees, PharmD, MPH**, Assistant Professor, received a two-year, \$275,000 R21 grant from the National Human Genome Research Institute (NHGRI) for "A Community-Based Approach to Overcoming Barriers to Cascade Screening for Long QT Syndrome." Co-investigators on the project include **Elizabeth Streeten, MD**, Clinical Professor; **Toni Pollin, PhD**, Associate Professor; and **Kristin Maloney, MS, MGC, CGC**, Instructor; all from the Department of Medicine.

► **Jim Campbell, MD, MS**, Professor of Pediatrics, Center for Vaccine Development and Global Health, was awarded \$363,937 for "Immunogenicity and Safety Study of an Investigational Quadrivalent Meningococcal When Administered Concomitantly with Routine Pediatric Vaccines in Healthy Infants and Toddlers," funded by Sanofi Pasteur Inc.



James Campbell, MD, MS

► **Joseph Cheer, PhD**, Professor, Department of Anatomy and Neurobiology, was awarded a five-year, \$1,681,773 grant from the National Institute on Drug Abuse (NIDA/NIH) for "Neurodevelopmental Effects of THC on the VTA Dopamine System and Behavior."



Joseph Cheer, PhD

► **Joanne Dorgan, PhD, MPH**, Professor, Department of Epidemiology & Public Health, received a two-year, \$90,316 supplement under her current National Cancer Institute R01 grant, "Early Life Exposures and Breast Density in Young Women."



Joanne Dorgan, PhD, MPH

► **Shao-Jun Du, PhD**, Associate Professor, Department of Biochemistry and Molecular Biology, Institute of Marine and Environmental Technology, was awarded an R01 grant from the National Institute of Arthritis and Musculoskeletal and Skin Disease (NIAMS/NIH) in the amount of \$1,699,500 over five years to study "Molecular Regulation of Muscle Development by Smyd1."

► **Howard Dubowitz, MB, ChB, MS, FAAP**, Professor, Department of Pediatrics, received a five-year, \$3,127,746 grant from the National Institute for Child Health and Human Development for "Dissemination and Implementation of the Safe Environment for Every Kid (SEEK) Model for Preventing Child Abuse and Neglect." In addition, Dr. Dubowitz received a one-year, \$694,942 grant from the Governor's Office on Crime Control and Prevention for "Victims of Child Maltreatment."



Gary Fiskum, PhD

► **Gary Fiskum, PhD**, the M Jane Matjasko Professor for Research in Anesthesiology; **Wei Chao, MD, PhD**, the Dean's Endowed Professor of Anesthesiology; and **Alan Cross, MD**, Professor of Medicine, were awarded a three-year, \$1,200,000 grant from the US Air Force titled "Characterization of the Effects of Aeromedical Evacuation (hypobaric and/or hypoxia) on the Downstream Sequelae of Traumatic Injury." Dr. Fiskum also was awarded a one year, \$226,567 grant from the Air Force titled "Gene Expression in Blood, Lung, and Heart Following Exposure of Rats to Hypobaric."



Ann Gruber-Baldini, PhD

► **Ann Gruber-Baldini, PhD**, Professor, Department of Epidemiology & Public Health, received a five-year, \$3,508,117 NIH R01 grant for "PROMIS: Profile Measures in Older Adults: Identifying Cognitive Thresholds for Reliable and Valid Responses."

► **Anthony Harris, MD, MPH**, Professor, Department of Epidemiology & Public Health, received a three-year, \$1,007,219 grant from the Agency for Healthcare and Research Quality for "Use of Electronic Data to Improve Risk Adjustment for Antibiotic Utilization Metrics."



Anthony Harris, MD, MPH

► **Xiaofeng Jia, MD, PhD**, Associate Professor, Department of Neurosurgery, received a five-year, \$1,689,845 NIH R01 grant from the National Institute of Neurological Disorders and Stroke (NINDS/NIH) for "Brain Recovery after Cardiac Arrest with Metabolic Glycoengineered Stem Cells." Separately, Dr. Jia received a two-year, \$345,000 grant from the Maryland Stem Cell Research Fund (MSCRF) Discovery Program for "Novel 3D Bioprinted Scaffolds to Promote Neural Crest Stem Cell Mediated Nerve Regeneration."

► **Jay Magaziner, PhD, MSHyg**, Professor and Chair, Department of Epidemiology & Public Health, received year one of a five-year NIH pass through a sub-recipient agreement from the University of Massachusetts for, "Advancing Geriatrics Infrastructure & Network Growth (AGING) Initiative."

► **Robert Malyapa, MD, PhD**, Professor, Department of Radiation Oncology, was awarded \$637,854 for a clinical trial sponsored by Matrix Biomed, Inc. for "A Double-Blind, Placebo-Controlled Dose Range Finding Study to Assess the Safety, Pharmacokinetics, and Efficacy of Tempol for the Reduction of Severe Mucositis in Head and Neck Cancer Patients Undergoing Combined Radio- and Chemotherapy."



Robert Malyapa, MD, PhD

► **Lynn Schriml, PhD**, Associate Professor, Department of Epidemiology & Public Health, received an 11-month, \$56,578 NIH grant from Scripps Research Institute for "Gene Wiki: Expanding the Ecosystem of Community-Intelligence Resources."

► **Michael Shipley, PhD**, Professor and Chair, Department of Anatomy and Neurobiology, received a five-year, \$3,166,060 grant from the National Institute on Deafness and Other Communication Disorders (NIDCD/NIH) for "Basal Forebrain Modulation of Olfactory Bulb Function."

► **Kerri Thom, MD**, Associate Professor, Department of Epidemiology & Public Health, received a one-year, \$518,790 award from the Centers for Disease Control and Prevention (CDC) for "Transmission of Antibiotic Resistant Bacteria from Patient-to-Patient in the Healthcare Setting and the Impact of Contact Precautions."

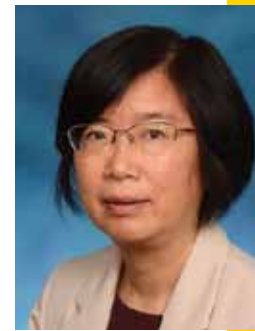


Kerri Thom, MD

Grants & Contracts *continued from page 7*

► **Zeljko Vujaskovic, MD, PhD**, Professor, and **Isabel Lauren Jackson, PhD**, Associate Professor, both from the Department of Radiation Oncology, were awarded a \$5,553,167 Biomedical Advanced Research and Development Authority task order for “Establishment of a Rabbit Model of Ionizing Radiation-Induced Thrombocytopenia, Coagulopathies, and Measures of Associated Vascular and Organ Injury.”

► **Pan Zheng, MD, PhD**, Professor of Surgery, Division of Immunotherapy, Institute of Human Virology, received a five-year, \$2,090,900 R01 grant from the National Cancer Institute for “A Mouse Model to Assess Long Term Immunotherapy-related Adverse Effects in Children.” Co-investigators included **Yang Liu, PhD**, Professor of Surgery, Director of the Division of Immunotherapy, Institute of Human Virology, and Anthony Sandler, MD, from Children’s Research Institute in Washington, DC.



Pan Zheng, MD, PhD

HOW TO SUBMIT INFORMATION TO THE **Buzz**

If you would like to acknowledge an award, presentation, publication, or other noteworthy accomplishments, please send the information to the liaison within your department, program, center or office.

OR

You may submit your *Buzz* items online:

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DEPARTMENTS

- Anatomy & Neurobiology:** Leslie Fitzpatrick | lfitzpatrick@som.umaryland.edu
- Anesthesiology:** Candace Gaphardt | cgaphardt@som.umaryland.edu
- Biochemistry & Molecular Biology:** Qun Zhou | qzhou@som.umaryland.edu
- Dermatology:** Laurie Timberlake | ltimberlake@som.umaryland.edu
Betsy Satosky | fsatosky@som.umaryland.edu
- Diagnostic Radiology & Nuclear Medicine:** Brigitte Pocta | bpocta@umm.edu
- Emergency Medicine:** Linda Kesselring | lkesselring@em.umaryland.edu
- Epidemiology & Public Health:** Hannah Andrews | handrews@som.umaryland.edu
- Family & Community Medicine:** Cathy Malecki | CathyMalecki@som.umaryland.edu
Erinn Smith | ErSmith@som.umaryland.edu
- Medicine:** Molly Lutz | mlutz@medicine.umaryland.edu
- Microbiology & Immunology:** Cecilia Lizer | clizer@som.umaryland.edu
- Neurology:** Penelope Birkhead | pbirkhead@som.umaryland.edu
- Neurosurgery:** India Griffin | igriffin@som.umaryland.edu
- OB-GYN:** Robin Kissinger | rkissinger@fpi.umaryland.edu
- Ophthalmology:** Amy Kopec | akopec@som.umaryland.edu
- Orthopaedics:** Dori Kelly | dkelly@umoa.umm.edu
- Otorhinolaryngology:** Zubair Ahmed | zahmed@som.umaryland.edu
- Pathology:** Lisa Rodgers | LiRodgers@som.umaryland.edu
- Pediatrics:** Denise Hansen | dhansen@som.umaryland.edu
- Pharmacology:** Shalon Edwards | NEdwards@som.umaryland.edu
- Physical Therapy & Rehabilitation Science:** Donna Bethke | dbethke@som.umaryland.edu
- Physiology:** Marty Lind | mlind@som.umaryland.edu
- Psychiatry /BSRCU:** Lisa Cleary | lcleary@psych.umaryland.edu
- Radiation Oncology:** Nancy Knight | nknight@umm.edu
- Surgery:** Michele Mehrling | mmehrling@smail.umaryland.edu

Research Communications Network

Many thanks to the following who serve as your liaison for the information you see in **What’s the Buzz?**

INSTITUTES

- Institute for Genome Sciences (IGS):** Sarah Pick | spick@som.umaryland.edu
Riham Keryakos | rkeryakos@som.umaryland.edu
- Institute of Human Virology (IHV):** Nora Samarayanake | nsamarayanake@ihv.umaryland.edu
- Institute for Clinical & Translational Research (ICTR):** Meriem Gaval Cruz | meriem.gavalcruz@umaryland.edu

RESEARCH CENTERS

- Center for Biomedical Engineering and Technology (BioMet):** Pamela Wright | pbwright@umaryland.edu
- Center for Integrative Medicine:** Rebekah Owens | rowens@som.umaryland.edu
- Center for Stem Cell Biology:** Evets Morgan | emorgan@som.umaryland.edu
- Center for Vaccine Development and Global Health:** Leslie Jamka | ljamka@som.umaryland.edu
Joanne Morrison | jmorrison@som.umaryland.edu
- Center for Vascular & Inflammatory Diseases:** Yan Sun | yansun@som.umaryland.edu
- Center for Innovative Biomedical Resources (CIBR):** Thomas McHugh | tmchugh@som.umaryland.edu
- Center for Research on Aging:** Hannah Andrews | handrews@som.umaryland.edu
- Center for Shock, Trauma and Anesthesiology Research (STAR-ORC):** Gabriela Felton | gfelton@anes.umm.edu

RESEARCH PROGRAMS

- Program in Comparative Medicine:** Deborah Sanchez | dsanchez@umaryland.edu
- Program in Genetics & Genomic Medicine:** Ruth Cosentino | rcosenti@som.umaryland.edu

- Program in Health Disparities and Population Health:** Kate Tracy | ktracy@som.umaryland.edu
- Program in Neuroscience:** Georgia Rogers | groggers@som.umaryland.edu
- Program in Oncology:** Kelli Carroll | kcarroll1@umm.edu
- Program in Trauma:** Betsy Burcham | bburcham@umm.edu

ACADEMIC PROGRAMS

- Graduate Programs in Life Sciences (GPILS):** Sharron Graves | sgraves@som.umaryland.edu
- Medical Scientist Training Program (MSTP):** Jane Bacon | jbacon@som.umaryland.edu
- MD Admissions:** Mickey Foxwell | mfoxwell@som.umaryland.edu
- Medical & Research Technology:** Cynthia Stambach | cstambach@som.umaryland.edu
- Masters of Public Health (MPH):** Kara Longo | klongo@som.umaryland.edu

ADMINISTRATIVE UNITS

- Development:** TBD
- Faculty Affairs:** Robertha Simpson | rsimpson@som.umaryland.edu
- Information Services:** Sharon Bowser | sbowser@som.umaryland.edu
- Research Career Development:** Stacie Mendoza | smendoza@som.umaryland.edu
- Student Affairs:** Reetta Gach | rgach@som.umaryland.edu
- Student Research:** Jean Marie Roth | jroth@som.umaryland.edu

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E. Albert Reece, MD, PhD, MBA

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