



# What's the Buzz?

DECEMBER 2017 VOL.19 NO.12

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!*

► **Sally Adebamowo, MBBS, MSc, ScD**, Assistant Professor, Department of Epidemiology and Public Health, presented “Mycoplasma in the Vaginal Microbiota and Risk of Persistent Human Papillomavirus Infection” at the George Mason University, College of Science, Department of Biology Seminar, on November 7.

► **James Borrelli, PhD, UMANRRT**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation Science, was an invited speaker at the University of Maryland at College Park in the Mechanical Engineering Department. He presented, “Slips, Trips, Falls, and Crutches” on Thursday, November 9.



Peter Bowman, PT, DPT, FAAOMPT

► **Peter Bowman, PT, DPT, FAAOMPT**, Assistant Professor and **Roy Film, PT, DPT, OCS, FAAOMPT**, Assistant Professor, both from the Department of Physical Therapy and Rehabilitation Science, recently attended the American Academy of Orthopaedic Manual Therapists 2017 Conference, which was held in Salt Lake City October 18–22.

► Several faculty members participated and served as chairs on sessions during the American Society of Tropical Medicine and Hygiene’s annual meeting in Baltimore, which took place November 3–9.

Among them were, **Matthew Cannon, PhD**, Research Associate, Department of Microbiology and Immunology; **Wilbur Chen, MD, MS**, Associate Professor, Department of Medicine; **Karen Kotloff, MD**, Professor, Department of Pediatrics and Head of the Division of Pediatric Infectious Diseases and Tropical Medicine; **Miriam Laufer, MD**, Associate Professor, Department of Pediatrics and Director of the Division of Malaria Research; **Kathleen Neuzil, MD, MPH, FIDSA**, Professor, Department of Medicine and Director of the Center for Vaccine Development; **Christopher Plowe, MD, MPH, FASMH**, the Frank M. Calia, MD Professor of Medicine and Founding Director, Institute for Global Health; **Marcelo Sztein, MD**, Professor, Department of Pediatrics; **Milagritos Tapia, MD**, Associate Professor, Department of Pediatrics; and **Shannon Takala, PhD**, Associate Professor, Department of Medicine.



Wilbur Chen, MD, MS

► **Reha Erzurumlu, PhD**, Professor, Department of Anatomy and Neurobiology, presented a plenary lecture on “Neocortical Excitation/Inhibition Balance in Autism Spectrum Disorders and Potential Pharmacological Intervention” at the 24th National Pharmacology Congress held October 17 in Trabzon, Turkey.

► Several faculty members from the Department of Physical Therapy and Rehabilitation Science gave presentations during the American Physical Therapy Association’s 2017 Educational Leadership Conference, which was held October 13–15 in Columbus. They were:

**Karen Gordes, PT, PhD, DScPT**, Assistant Professor; **Linda Horn, PT, DScPT, MHS, GCS, NCS**, Assistant Professor; **Laurie Neely, PT, DPT, NCS**, Assistant Professor; and **Sandy McCombe Waller, PT, PhD, MS, NCS**, Associate Professor.



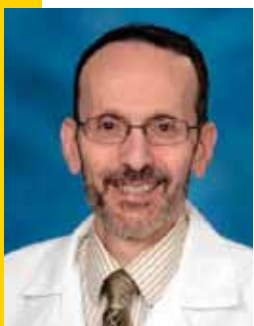
Reha Erzurumlu, PhD



Karen Gordes, PT, PhD, DScPT

► **Michael Grasso, MD, PhD**, Assistant Professor, Department of Emergency Medicine, moderated a panel at the Fall Symposium of the American Medical Informatics Association on November 6.

► On October 29, **Henok Habteyes** and **Molly O’Neal** of the Department of Physical Therapy and Rehabilitation Science DPT Class of 2019, performed balance and falls screenings as part of the Health Matters wellness fair at Beth Israel Synagogue. Under the supervision of



Michael Grasso, MD, PhD



Cara Felter, PT, DPT, MPH

PTRS faculty member **Cara Felter, PT, DPT, MPH**, Assistant Professor, they provided screenings for over 20 community-dwelling adults.

► **Brian Johnson, OTR/L**, PhD Candidate, Graduate Research Assistant, Department of Physical Therapy & Rehabilitation Science, was an invited speaker at The Medical College of Wisconsin’s Brain Injury Research Day, which was held on October 26 in Milwaukee. At this event, he also presented a poster with **Kelly Westlake, PhD, MSc, PT**, Assistant Professor, Department of Physical Therapy & Rehabilitation Science. Separately, Mr. Johnson gave an oral presentation on November 5 at the Baltimore Underground Science Space’s 5th Science Slam Event, co-hosted with Project Bridge.



Judy LaKind, PhD

► **Judy LaKind, PhD**, Adjunct Associate Professor, Department of Epidemiology and Public Health, presented “Transparent and Systematic Reviews of Exposure Data in Environmental Epidemiology: Approaches and Case Studies,” and “Critical and Systematic Evaluation of 2,4-Dichlorophenoxyacetic Acid (2,4-D) Exposure Data: Quality and Generalizability for Human Assessments,” at the International Society of Exposure Science Annual Meeting on September 17–18 in Durham, NC. Dr. LaKind also presented her research on “Exposure Data in Environmental Epidemiology: Limitations and Quality Assessments,” at the European Food Safety Authority Meeting: Use of Epidemiological findings in Regulatory Pesticide Risk Assessment, in Parma, Italy on November 21.

► **Christa Nelson, PT, DPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, presented a continuing education course on November 11 during the American Physical Therapy Association of Maryland’s annual conference in College Park, MD.



Christa Nelson, PT, DPT, PhD



Kathleen Neuzil, MD, MPH

► **Kathleen Neuzil, MD, MPH, FIDSA**, Professor, Department of Medicine and Director, Center for Vaccine Development, participated in a live the Maryland Public TV interview on November 20 with **Jay Menaker, MD**, Professor, Department of Surgery, titled “Influenza—What’s New in 2017, and Vaccination Recommendations.”

► **Horea Rus, MD, PhD**, Professor, Department of Neurology, and **Alexandru Tatomir, MD**, Postdoctoral Fellow, presented “Histone deacetylase SIRT1 Mediates C5b-9-induced Cell Cycle in Oligodendrocytes” at the 7th Joint ECTRIMS-ACTRIMS Meeting in Paris that was held October 25–28.



Horea Rus, MD, PhD

► **Karen Sack**, Department Administrator, Department of Physical Therapy and Rehabilitation Science, attended the Society of Research Administrators International 2017 Annual Meeting in Vancouver, Canada, October 14–18. She served as Ambassador, Co-Chair of the Vendor Committee, and Co-Chair of the Membership Committee for the Northeast Section. Ms. Sack is on the Planning Committee for the Combined Sections Meeting, Northeast/Western Section meeting in Boston, March 2018. She is also the Track Chair for the Sponsored Programs Planning, Development and Deliveries Committee.



## Events, Lectures & Workshops *continued from page 1*



Terez Shea-Donohue, PhD

► **Terez Shea-Donohue, PhD**, Professor, Department of Radiation Oncology, delivered a keynote presentation on “Novel Therapeutic Targets for Type 2 Diabetes” on November 3 at the International Congress on Diabetes and Its Complications in Linthicum, MD.

► **Kathleen Strauss**, Research Specialist, Division of Malaria Research, participated in Beyond UMB on December 5. Ms. Strauss is an artist and discussed her series called “Lab Notebook,” where science and art merge.

► **Marcelo Szein, MD**, Professor, Department of Pediatrics, led a session “Infectious and Non-Infectious



*E.coli*, courtesy of the Institute for Genome Sciences



Marcelo Szein, MD

Diseases” during the Third International Conference on Vaccines Research and Development in Washington, D.C. held Nov. 13–15.

► **Kelly Westlake, PhD, MSc, PT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, participated in a live Maryland Public TV interview with **Jay Menaker, MD**, Professor, Department of Surgery, titled “Falls: A Leading Cause of Death and Disability” on October 23



Kelly Westlake, PhD, MSc, PT

► Seven faculty members from the Department of Emergency Medicine were invited speakers at the 2017 Scientific Assembly of the American College of Emergency Physicians, which was held in Washington, DC, in October. They were: **Michael Bond, MD**, Associate Professor; **Elizabeth Clayborne, MD, MA**, Clinical Instructor; **Mimi Lu, MD**, Clinical Assistant Professor; **Amal Mattu, MD**, Professor; **George Willis, MD**, Assistant Professor; and **Michael Winters, MD**, Associate Professor.

## Grants & Contracts

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



Jon Mark Hirshon, MD, MPH, PhD

► **Jon Mark Hirshon, MD, MPH, PhD**, Professor, Departments of Emergency Medicine and Epidemiology and Public Health, is the principal investigator of “Wound Fluid as Regulator for Extracellular Matrix Remodeling and Recurrence in Inflammatory Breast Cancer,” a study funded by the Fogarty International Center at NIH in the amount of \$322,060. The purpose of this project is to seek biological factors in wound fluid that foster dissemination of carcinoma cells throughout the body, making the disease resistant to radiation and chemotherapy. The research will be conducted by faculty at Cairo University and Ain Shams University in Egypt, working in collaboration with Dr. Hirshon as well as colleagues at MD Anderson Cancer Center in Houston. The study period began in September 2017 and extends to mid-2019.

► **Margaret Lauerman, MD**, Assistant Professor, the Center for Shock, Trauma and Anesthesiology Research and National Study Center, received a five-year, \$2.1 million grant for Crash Injury Research and Engineering Network (CIREN) from the National Highway Traffic Safety Administration, U.S. Department of Transportation.



Margaret Lauerman, MD

► **Victoria Marchese, PT, PhD**, Associate Professor, Department of Physical Therapy and Rehabilitation Science, has received a \$30,000 grant funded from the American Physical Therapy Association, Academy of Pediatric Physical Therapy for her project titled: “Examining a Fast Movement Approach to Pediatric Physical Therapy Intervention in Children and Adolescents that have Completed Medical Treatment for Acute Lymphoblastic Leukemia.”



Victoria Marchese, PT, PhD

► **Denise Orwig, PhD**, Associate Professor, Department of Epidemiology and Public Health, received a \$210,613 five-year subcontract from Duke University Medical Center for her proposed work on “Physical Resiliencies: Indicators and Mechanisms in the Elderly Collaborative.” Dr. Orwig also received a five-year \$315,347 subcontract from Washington University for the study “Combining Testosterone Therapy and Exercise to Improve Function Post Hip Fracture.” Funding for both contracts are through the National Institutes of Health.



Denise Orwig, PhD

► **Marzena Pazgier, PhD**, Associate Professor of Biochemistry and Molecular Biology, Division of Vaccine Research, Institute of Human Virology, was awarded a five year \$2,437,990 R01 grant from the National Institute of Allergy and Infectious Diseases (NIAID/NIH) for a projected titled “Unlocking Env: A New Strategy for a Functional Cure Through Antibody-Dependent Cell-Mediated Cytotoxicity.”



Charlene Quinn, PhD, RN, FAAN

► **Charlene Quinn, PhD, RN, FAAN**, Associate Professor, Department of Epidemiology and Public Health, received a one-year, \$68,253 grant for the project “Older Adult/Caregiver Mobile Support Solution.” This grant is co-funded through Maryland Industrial Partnerships (MIPS) and ICmed, LLC.

► **Fabio Romerio, PhD**, Assistant Professor, Department of Medicine, Division of Basic Science, Institute of Human Virology, received a two-year, \$484,275 grant from the National Institute of Allergy and Infectious Diseases (NIAID) for “Defining the HLA ligandome of HIV-1 latently infected CD4+ T cells.” He also received a two-year, \$199,999 grant from the American Foundation for AIDS Research (amfAR) for “Permanent Silencing of HIV-1 Expression through the Polycomb Repressor Complex 2 Epigenetic Pathway.”



Fabio Romerio, PhD

► **O. Colin Stine, PhD**, Professor, Department of Epidemiology and Public Health, received a three-year, \$106,666 subcontract from the University of Virginia for his proposed work on, “Early Life Interventions for Childhood Growth and Development in Tanzania.” Funding for this project is through the Bill and Melinda Gates Foundation.

► **Kerri Thom, MD**, Associate Professor, Department of Epidemiology and Public Health, was awarded a one-year, \$15,951 subcontract from University of Pennsylvania to study, “Clinical and Molecular Epidemiology of ESBL bloodstream infections in solid organ transplant recipients.”

► **Jill Whittall, PhD**, Professor, Department of Physical Therapy and Rehabilitation Science, was recently awarded funding from the Administration for Community Living under the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR). The three-year, \$600,000 grant project is titled, “Efficacy of an Interactive Web-Based Home Therapy Program in the Recovery of Arm and Hand following Stroke: A Randomized Trial.” **Sandy McCombe Waller, PT, PhD, MS, NCS**, Associate Professor, Department of Physical Therapy and Rehabilitation Science will be a Co-Principal Investigator.



Jill Whittall, PhD



Richard Zhao, PhD

► **Richard Zhao, PhD**, Professor and Division Head of Molecular Pathology, Department of Pathology, was awarded a two-year, \$275,000 R21 grant from the National Institute of Allergy and Infectious Diseases for “Rapid Phenotyping of the Zika Viral Genome.”



# Publications

*Hats off to those who have been published!*



Maria Baer, MD

► **Maria Baer, MD**, Professor, and **Danilo Perrotti, MD, PhD**, Professor, both from the Department of Medicine; **Shiv Kapoor, MBBS**, Assistant Professor, Department of Pediatrics; **Rena Lapidus, PhD**, Associate Professor, Department of Medicine; **Mario Scarpa, MD**, Research Fellow, Department of Oncology; **Rossana Trotta, PhD**, Assistant Professor, and **Eduardo Davila, PhD**, Associate Professor, both from the Department of Microbiology and Immunology, were among the co-authors on “Concurrent Inhibition of Pim and Flt3 Kinases Enhances Apoptosis of Flt3-ItD Acute Myeloid Leukemia Cells Through Increased Mcl-1 Proteasomal Degradation” in *Clinical Cancer Research*, 2017 Oct 26.

► **Jayaum Booth, PhD**, Postdoctoral Fellow, Center for Vaccine Development (CVD), **Robin Barnes**, Health Care Provider, CVD, **Seema Patil, MD**, Assistant Professor, Department of Medicine, **Claire Fraser, PhD**, the Dean’s Endowed Professor and Director of the Institute for Genome Sciences, **Bruce Greenwald, MD**, Professor, Department of Medicine, and **Marcelo Sztejn, MD**, Professor, Department of Pediatrics, were among the co-authors of “System and Terminal Ileum Mucosal Immunity Elicited by Oral Immunization with Ty21A Typhoid Vaccine in Humans” in *Cellular and Molecular Gastroenterology and Hepatology*, 2017 Nov.



Claire Fraser, PhD

► **Clayton Brown, PhD**, Associate Professor, Department of Epidemiology and Public Health; **Elizabeth Klingaman, PhD**, Adjunct Assistant Professor, Department of Psychiatry; and **Julie Kreyenbuhl, PharmD, PhD**, Associate Professor, Department of Psychiatry, were among co-authors on “Consumer Satisfaction with Antipsychotic Medication-Monitoring Appointments: The Role of Consumer-Prescriber Communication Patterns” in the *International Journal of Psychiatry in Clinical Practice*, 2017 Sep 17.



Clayton Brown, PhD

► **Qi Cao, BM, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “From the Cover: Lung-Specific Overexpression of Constitutively Active IKK2 Induces Pulmonary and Systemic Inflammations but Not Hypothalamic Inflammation and Glucose Intolerance” in *Toxicological Sciences*, 2017 Nov.



Qi Cao, BM, PhD

► **Eric Cohen, MD**, Professor, Department of Medicine; and **Kim Hankey, PhD**, Research Associate, **Alex Bennett**, Research Lead Specialist, **Ann M. Farese, MS**, Assistant Professor, and **Thomas MacVittie, PhD**, Professor, all from the Department of Radiation Oncology, were among the co-authors of “Acute and Chronic Kidney Injury in a Non-Human Primate Model of Partial-Body Irradiation with Bone Marrow Sparing” in *Radiation Research*, 2017 Oct 16.



Eric Cohen, MD

► **Tejan Diwanji, MD**, Resident, **J.W. Snider, MD**, Assistant Professor, and **Pranshu Mohindra, MD, MBBS**, Assistant Professor, all from the Department of Radiation Oncology, were among the authors of “Epidemiology, Diagnosis, and Optimal Management of Glioma in Adolescents and Young Adults” in *Adolescent Health, Medicine, and Therapeutics*, 2017 Sep.



Pranshu Mohindra, MD, MBBS

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine is the author on an Editor’s Page titled “Challenging Nuclear Cardiology Research: Stimulating Discovery, Validation and Clinical Relevance” in the *Journal of Nuclear Medicine*, 2017 Nov 16.



Vasken Dilsizian, MD

► **Richard Eckert, PhD**, the John F.B. Weaver Distinguished Professor and Chair, Department of Biochemistry and Molecular Biology, authored

“Combination Cisplatin and Sulforaphane Treatment in Epidermal Squamous Cell Carcinoma” in *NCI Nutrition Frontiers*, 2017 Oct 31.

► **Aletta Frazier, MD**, Clinical Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “Unicentric Versus Multicentric Castleman Disease” in *Radiographics*, 2017 Sep/Oct.



Michael Grasso, MD, PhD

► **Michael Grasso, MD, PhD**, Assistant Professor, and **David Jerrard, MD**, Associate Professor, both from the Department of Emergency Medicine, in collaboration with **Clare Grasso, PhD**, from UMBC’s Department of Computer Science and Electrical Engineering, co-authored “Prescriptions Written for Opioid Pain Medication in the Veterans Health Administration Between 2000 and 2016” in the *Journal of Addiction Medicine*, 2017 Nov/Dec.



Richard Eckert, PhD



Jack Guralnik, MD, PhD, MPH

► **Jack Guralnik, MD, PhD, MPH**, Professor, Department of Epidemiology and Public Health, was a co-author on “Comparison of Self-Report Indices of Major Mobility Disability to Failure on the 400-Meter Walk Test: The LIFE Study” in *The Journals of Gerontology A: Biological Sciences and Medical Sciences*, 2017 Aug 9. Dr. Guralnik also authored “Dose of Physical Activity, Physical Functioning and Disability Risk in Mobility-Limited Older Adults: Results from the Life Study Randomized Trial” in *PLoS*

*One*, 2017 Aug 9. Additionally, Dr Guralnik wrote “Femoral Artery Plaque Characteristics, Lower Extremity Collaterals, and Mobility Loss in Peripheral Artery Disease” in *Vascular Medicine*, 2017 Sep. Dr. Guralnik also authored “Functional Limitations Among Responders to the World Trade Center Attacks 14 Years After the Disaster: Implications of Chronic Posttraumatic Stress Disorder” in *Journal of Traumatic Stress*, 2017 Oct. Dr. Guralnik and **Luigi Ferrucci, MD, PhD**, Adjunct Professor, Department of Epidemiology and Public Health, were among co-authors on “Combining LDL-C and HDL-C to Predict Survival in Late Life: The InChianti Study” in *PLoS One*, 2017 Sep 28.



Isabel Jackson, PhD

► **Isabel Jackson, PhD**, Assistant Professor, and **Zeljko Vujaskovic, MD, PhD**, Professor, both from the Department of Radiation Oncology, were among the co-authors of “Targeted Metabolomics Identifies Pharmacodynamic Biomarkers for BIO 300 Mitigation of Radiation-Induced Lung Injury” in *Pharmaceutical Research*, 2017 October 2.

► **Adeel Kaiser, MD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Minimal Toxicity After Proton Beam Therapy for Prostate and Pelvic Nodal Irradiation: Results from the Proton Collaborative Group REG001-09 Trial” in *Acta Oncologica*, 2017 Oct 14. Dr. Kaiser was also among the co-authors of “Updated Survival Outcomes and Analysis of Long-Term Survivors from the MORE Study on Safety and Efficacy of Radioembolization in Patients with Unresectable Colorectal Cancer Liver Metastases” in the *Journal of Gastrointestinal Oncology*, 2017 Aug 8.

► **Karen Kotloff, MD**, Professor, Department of Pediatrics and Head of the Division of Pediatric Infectious Diseases and Tropical Medicine, **Myron Levine, MD, DTPH**, the Simon and Bessie Grollman Distinguished Professor and Associate Dean for Global Health, Vaccinology and Infectious Diseases, and **O. Colin Stine, PhD**, Professor, Department of Epidemiology and Public Health, were among the co-authors of “Detection of *Shigella* in Direct Stool Specimens Using a Metagenomics Approach” in the *Journal of Clinical Microbiology*, 2017 Nov 8. Dr. Kotloff separately authored “*Shigella* Infection in Children and Adults: A Formidable Foe” in *The Lancet Global Health*, 2017 Dec 12. Dr. Kotloff also was among the authors of the 2017 *Infectious*



Karen Kotloff, MD



**Publications** *continued from page 3*

*Diseases Society of American Clinical Practice Guidelines for the Diagnosis and Management of Diarrhea*, which was published this fall. Separately, Dr. Kotloff, Dr. Levine and **Dilruba Nasrin, MBBS, PhD**, Assistant Professor, Department of Medicine, were among the co-authors of “The Effect of Costs on Kenyan Households’ Demand for Medical Care: Why Time and Distance Matter” in *Health Policy and Planning*, 2017 Dec 1.

► **Judy LaKind, PhD**, Adjunct Associate Professor, Department of Epidemiology and Public Health, was among the co-authors of “Review of Reviews on Exposures to Synthetic Organic Chemicals and Children’s Neurodevelopment: Methodological and Interpretation Challenges” in *Journal of Toxicology and Environmental Health Part B, Critical Reviews*, 2017 Sep. Dr. LaKind was also a co-author on “Chemical-induced Asthma and the Role of Clinical, Toxicological, Exposure and Epidemiological Research in Regulatory and Hazard Characterization Approaches” in *Regulatory Toxicology and Pharmacology*, 2017 Nov.



Kirsten Lyke, MD

► **Kirsten Lyke, MD**, Associate Professor, Department of Medicine, authored “Steady Progress Toward a Malaria Vaccine,” in *Current Opinion in Infectious Diseases*, 2017 Oct 1.

► **Thomas MacVittie, PhD**, Professor, **Alex Bennett**, Research Lead Specialist, and **Ann Farese, MS**, Assistant Professor, all from the Department of Radiation Oncology, were among the co-authors of “Organ Doses Associated with Partial-Body Irradiation with 2.5% Bone Marrow Sparing of the Non-Human Primate: A Retrospective Study” in *Radiation Research*, 2017 Oct 6.



Thomas MacVittie, PhD



Jay Magaziner, PhD, MSHyg

► **Jay Magaziner, PhD, MSHyg**, Professor and Chair, Department of Epidemiology and Public Health, was a co-author on “Strategies to Reduce Injuries and Develop Confidence in Elders (STRIDE): A Cluster-Randomized Pragmatic Trial of a Multifactorial Fall Injury Prevention Strategy: Design and Methods” in *The Journals of Gerontology A Biological Sciences and Medical Sciences*, 2017 Oct 14.

► Several faculty and staff affiliated with the Center for Vaccine Development, co-authored “Use of a Novel Antigen Expressing System to Study the *Salmonella* *Enterica* Serovar *Typhi* Protein Recognition by T cells” in *Plos Neglected Tropical Diseases*, 2017 Sep.

Authors included: **Rosangela Mezghanni, PhD**, Associate Professor, Department of Pediatrics, **Herve Tetteln, PhD**, Associate Professor, Department of Microbiology and Immunology, Institute for Genome Sciences, **David Lou**, **Tasmia Rezwanul**, **Qin Guo** and **Marcelo Szein, MD**, Professor, Department of Pediatrics.



Rosangela Mezghanni, PhD

► **Arezoo Modiri, PhD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors of “Review of Breast Screening: Towards Clinical Realization of Microwave Imaging” in *Medical Physics*, 2017 Oct 4.

► **Megan Morales, MD**, Assistant Professor, Department of Medicine, was the lead author of a review of azole cross-allergenicity and report of the first desensitization protocol for isavuconazole, in *Transplant Infectious Diseases*, 2017 Nov. Her paper was titled “Graded Isavuconazole Introduction in a Patient with Voriconazole Allergy.”

► **Jason Molitoris, MD, PhD**, Resident, Department of Radiation Oncology, was among the co-authors of “Estimating Survival in Melanoma Patients with Brain Metastases: An Update of the Graded Prognostic Assessment for Melanoma Using Molecular Markers (Melanoma-molgpa)” in the *International Journal of Radiation Oncology Biology Physics*, 2017 Nov 15.

► **Daniel Morgan, MD**, Associate Professor, Department of Epidemiology and Public Health, was first author of “2017 Update on Medical Overuse: A Systematic Review” in *JAMA Internal Medicine*, 2017 October 2. He was a co-author of “Coronary Computed Tomography Angiography vs Functional



Daniel Morgan, MD

Stress Testing for Patients with Suspected Coronary Artery Disease: A Systematic Review and Meta-analysis” in *JAMA Internal Medicine*, 2017 Oct 2. Additionally, Dr. Morgan was a co-author on “Informed Consent to Study Purpose in Randomized Clinical Trials of Antibiotics, 1991 Through 2011” in *JAMA Internal Medicine*, 2017 Oct 1.

► **Michael Morris, MD, PGY 5**, **Babak Saboury, MD, PGY 5**, along with their faculty mentor, **Eliot Siegel, MD**, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Feature Analysis of Ultrasound Elastography Image for Quantitative Assessment of Cutaneous Carcinoma” in *Skin Research and Technology*, 2017 Oct 25.

► **Erin O’Connor, MD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Brain Structural Changes Following HIV Infection: Meta-Analysis” in *American Journal of Neuroradiology*, 2017 Nov 2.

► **Alan Rathbun, PhD, MPH**, Research Associate, **Jay Magaziner, PhD, MSHyg**, Professor and Chair, **Michelle Shardell, PhD**, Adjunct Associate Professor, **Denise Orwig, PhD**, Associate Professor, and **Gregory Hicks, PT, PhD**, Adjunct Assistant Professor, all from the Department of Epidemiology and Public Health; and **Laura Yerges-Armstrong, PhD**, Adjunct Assistant Professor, and **Marc Hochberg, MD, MPH**, Professor, both from the Department of Medicine, were co-authors on “Older Men Who Sustain a Hip Fracture Experience Greater Declines in Bone Mineral Density at the Contralateral Hip Than Non-Fractured Comparators” in *Osteoporosis International*, 2017 Oct 24.



Eliot Siegel, MD



Laura Yerges-Armstrong, PhD



William Regine, MD, FACR, FACRO

► **William F. Regine, MD, FACR, FACRO**, Professor and Chair, Department of Radiation Oncology, was among the co-authors of “Expression of the DNA Repair Gene MLH1 Correlates with Survival in Patients Who Have Resected Pancreatic Cancer and Have Received Adjuvant Chemoradiation: NRG Oncology RTOG Study 9704” in *Cancer* 2017 Oct 20. Dr. Regine was also among the co-authors of “Does Lymphocyte-to-Monocyte Ratio Before, During, or After Definitive Chemoradiation for Locally Advanced Pancreatic Cancer Predict for Clinical Outcomes?” in the *Journal of Gastrointestinal Oncology*, 2017 Aug 8.

► **Stephanie Rice, MD**, and **Tejan Diwanji, MD**, Residents, and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, were among the authors of “Dramatic Response of an Aggressive Chest Wall Recurrence to Hyperthermia, Radiation, and Chemotherapy” in *Cureus*.

► **Elizabeth Rotrosen, BA**, **Justin Ortiz, MD, MS**, and **Kathleen Neuzil, MD, MPH**, Professor, Department of Medicine and Director, Center for Vaccine Development, were among co-authors on “Influenza Among Young Children in Bangladesh: Clinical Characteristics and Outcomes from a Randomized Clinical Trial” in *Clinical Infectious Diseases*, 2017 Nov 13. Separately, Dr. Neuzil was among the co-authors of “Estimating the Full Public Health Value of Vaccination” in *Vaccine*, 2017 Oct.



Zeljko Vujaskovic, MD, PhD



Charles Simone, II, MD

► **Charles Simone, II, MD**, Associate Professor, Department of Radiation Oncology, was also among the co-authors of “Receipt of Thoracic Radiation Therapy and Radiotherapy Dose are Correlated with Outcomes in a Retrospective Study of 306 Patients with Extensive Stage Small-Cell Lung Cancer” in *Radiotherapy and Oncology*, 2017 Oct 24. Dr. Simone was also among the co-authors of “Acute and Late Toxicities of Concurrent Chemoradiotherapy for Locally-Advanced Non-Small Cell Lung Cancer” in *Cancers*, 2017 Sep 8. Dr. Simone was also among the co-authors of “The Value of Delayed Phase Enhanced Imaging in Malignant Pleural Mesothelioma” in the *Journal of Thoracic Disease*, 2017 Aug 9.

► **J.W. Snider, MD**, Assistant Professor, Department of Radiation Oncology, was among the co-authors of “Long-Term Clinical



**Publications** *continued from page 4*

Safety of High-Dose Proton Radiation Therapy Delivered with Pencil Beam Scanning Technique for Extracranial Chordomas and Chondrosarcomas in Adult Patients: Clinical Evidence of Spinal Cord Tolerance” in the *International Journal of Radiation Oncology Biology Physics*, 2017 Sep 4. Dr. Snider also co-authored “Long-Term Clinical Outcomes of Pencil Beam Scanning Proton Therapy for Benign and Non-Benign Intracranial Meningiomas” in the *International Journal of Radiation Oncology Biology Physics*, 2017 Aug 12.

► **Chris Wells, PT, PhD, CCS, ATC**, Associate Professor, **Jenny Forrester, PT, DPT**, Instructor, and **Joshua Vogel, PT, DrMed**, Instructor, all from the Department of Physical Therapy and Rehabilitation Science; **Raymond Rector, CCP, LP**; **Ali Tabatabai, MD**, Assistant Professor, and **Daniel Herr, MD, FCCM**, Associate Professor, both from Department of Medicine, were co-authors of “Safety and Feasibility of Early Physical Therapy for Patients on Extracorporeal Membrane Oxygenator: University of Maryland Medical Center Experience” in *Critical Care Medicine*, 2017 Oct 19.



Chris Wells, PT, PhD, CCS, ATC

► **L. Susan Wieland, MPH, PhD**, Assistant Professor, Department of Family & Community Medicine, and Cochrane CAM Field Coordinator, Center for Integrative Medicine, was the lead author on “Summary of a Cochrane Review: Wendan Decoction Traditional Chinese Medicine for Schizophrenia” in the *European Journal of Integrative Medicine*, 2017 Oct. Separately, Dr. Wieland was the lead author on “A Summary of a Cochrane Review: Music Interventions for Acquired Brain Injury” in the *European Journal of Integrative Medicine*, 2017 Aug.

► **Claudia Witt, MD, MBA**, Professor, Department of Family & Community Medicine, Center for Integrative Medicine, co-authored “Effectiveness of App-based Self-acupressure for Women with Menstrual Pain Compared to Usual Care: A Randomized Pragmatic Trial” in *American Journal of Obstetrics and Gynecology*, 2017 Nov 15. Additionally, she co-authored “Developing an Integrative Treatment Program for Cancer-Related Fatigue Using Stakeholder Engagement—A Qualitative Study” in *Integrative Cancer Therapies*, 2017 Nov.



Jeffrey Wolf, MD

► **Jeffrey Wolf, MD**, Associate Professor, and **Andrea Hebert, MD, MPH**, Faculty Member, both from the Department of Otorhinolaryngology Head and Neck Surgery, were among the co-authors on “Intrabronchial Catheter Resuscitation for Respiratory and Cardiorespiratory Arrest” in *Shock*, Sep 14.

► **Li-Qun Zhang, PhD**, Professor, Department of Physical Therapy and Rehabilitation Science, was among the co-authors on “Improvement in Off-axis Neuromuscular Control Under Slippery Conditions Following 6-Week Pivoting Neuromuscular Training” in *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 2017 May 18.



Li-Qun Zhang, PhD

► **Richard Zhao, PhD**, Professor and Division Head of Molecular Pathology, Department of Pathology, authored “Yeast for Virus Research” in *Microbial Cell*, 2017 Sep 18.



Richard Zhao, PhD

## Appointments

*We applaud our colleagues on their recent appointments!*



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

► **Roy Film, PT, MPT, DPT, OCS, FAAOMPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was asked by The American Board of Physical Therapy Specialties to serve an additional two-year term as a member of the Specialization Academy of Content Experts for the Orthopedic Clinical Specialist exam. He will be extending his service through December 31, 2019.

► **Margaret McCarthy, PhD**, Professor and Chair of the Department of Pharmacology, was elected as a fellow of American Association for the Advancement of Science (AAAS).



Margaret McCarthy, PhD

► **Laurie Neely, PT, DPT, NCS**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was appointed by the Federation of State Boards of Physical Therapy Board of Directors to serve a three-year term on the Item Writing Task Force-PT.



Laurie Neely, PT, DPT, NCS

► **Alan Rathbun, PhD, MPH**, was appointed Research Associate in the Department of Epidemiology and Public Health.

► **Li-Qun (Larry) Zhang, PhD**, Professor, was appointed Director of Research for the Department of Physical Therapy and Rehabilitation Science.

► **Mark Rogers, PhD, PT, FAFTA**, Professor and Chair, was the recipient of the George R. Hepburn Dynasplint Endowed Professorship in Physical Therapy and Rehabilitation Science.

► **Shabnam Salimi, MD, MS**, was appointed as a Research Associate in the Department of Epidemiology and Public Health.

► **Richard Zhao, PhD**, Professor and Division Head of Molecular Pathology, Department of Pathology, was invited to serve as an Expert Advisory Councilor for the Economy, Science and Technology Committee, the Oversea Chinese Affairs Office of the China State Council. The Committee consists of 96 domestic and overseas experts in natural and social sciences. His term is for three years.



Mark Rogers, PhD, PT, FAFTA

## Patents

*We applaud the innovators among us!*

► **Richard Thompson, PhD**, Associate Professor, Department of Biochemistry and Molecular Biology, published a U.S. Patent no. 9,801,955,B2, “Methods and Compositions for Detecting Drusen and Predicting Age-Related Macular Degeneration.”



Richard Thompson, PhD



## Honors & Awards

*Congratulations to the following who have received honors!*



(L-R): Dr. Alfredo Garzino-Demo, Dr. Robert Gallo, Dr. Marzena Pazgier, Dr. Davide Zella, and Dr. Fabio Romero

► During the Institute of Human Virology (IHV) 19th Annual International Meeting gala held October 25, **Robert Gallo, MD**, the Homer & Martha Gudelsky Distinguished Professor in Medicine, Co-Founder and Director, Institute of Human Virology, honored five IHV faculty members with an IHV Special Director's Awards

including the following: **Alfredo Garzino-Demo, PhD**, Associate Professor, Department of Microbiology and Immunology, Head of the Laboratory of Virus Host Interaction, Division of Basic Science, for his dedication and persistence to HIV pathogenesis with therapeutic implications; **Marzena Pazgier, PhD**, Associate Professor, Department of Biochemistry and Molecular Biology, Division of Vaccine Research, Institute of Human Virology, for her dedication, persistence and outstanding productivity to the field of HIV vaccine basic science; **Fabio Romero, PhD**, Assistant Professor, Department of Medicine, Division of Basic Science, Institute of Human Virology, for his dedication and persistence in unraveling functions of a new gene of HIV; **Nicholas Stamatos, MD**, Assistant Professor, Department of Medicine, Division of Clinical Care and Research, Institute of Human Virology, for his dedication and persistence to the science of human glycobiochemistry as it relates to human infectious diseases and cancer; and **Davide Zella, PhD**, Assistant Professor, Department of Biochemistry and Molecular Biology, Division of Basic Science, Institute of Human Virology, for his dedication and persistence in finding new infectious agents associated with cancers of humans.

► **Donna Parker, MD**, Associate Professor, Department of Medicine, Associate Dean, Office of Student Affairs, received the 2017 Careers



Donna Parker, MD

in Medicine Excellence in Medical Student Career Advising Advisor Award. She received this award at the Group on Student Affairs (GSA) National Business Meeting at the Association of American Medical Colleges meeting on Nov. 2.

► **Sumit Patel, MD**, Third-Year Emergency Medicine Resident, was honored with the award for Best Resident Research Abstract Presentation at the 2017 Scientific Assembly of the American College of Emergency Physicians, held in Washington, DC in October. The title of his presentation was "A Comparison of Three Sobering Center Screens Using a Prospective Cohort of Intoxicated Emergency Department Patients." He collaborated in this work with his faculty mentor, **Zachary Dezman, MD**, Assistant Professor, and **Salman Leslom, MD**, Research Scholar, both from the Department of Emergency Medicine.

► **Stephen Schimpff, MD**, Clinical Professor, Department of Medicine, was recently advanced to mastership in the American College of Physicians. This is a distinct honor as only about 50 fellows in the ACP are elected as Master each year from around the country out of a membership of about 150,000.

► **Minhaj Siddiqui, MD**, Assistant Professor, Department of Surgery, was awarded the SBUR Young Investigator Award on November 10, 2017. The SBUR Young Investigator Awards are given to SBUR members who are under the age of 45, within five years of their first faculty position, and have made significant contributions to Urologic Research.

► **Dan Zandberg, MD**, Assistant Professor, Department of Medicine, was selected to receive the 2018 Alliance Scholar Award regarding his submission on Phase II randomized trial of Avelumab plus Cetuximab vs. Cetuximab alone in advanced cutaneous squamous cell carcinoma of the skin (cSCC).



Minhaj Siddiqui, MD

## New Faculty

*We welcome our new faculty!*

► **Gauri R. Khorjekar, MBBS**, joined the Department of Diagnostic Radiology and Nuclear Medicine as an Assistant Professor in the Breast Imaging section. Dr. Khorjekar attended Terna Medical College and Hospital, Nerul, in New Bombay, India. She completed her internship in general surgery at the University of Maryland Medical Center

and residencies in nuclear medicine at the Washington Hospital Center and diagnostic radiology at George Washington University Hospital, both in Washington, DC. She completed a fellowship in breast imaging and intervention, also at George Washington University Hospital.

## Research Communications Network

*Many thanks to the following people who serve as your liaisons for the information you see in What's the Buzz? Please send information (within the realm of the categories listed here) that you would like to see in the Buzz to the appropriate person within your department, program, center or office.*

### 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:** Richard Colgan-rcolgan@som.umaryland.edu • Erinn Smith
- **Medicine:** Molly Lutz mlutz@medicine.umaryland.edu
- **Microbiology & Immunology:** Angelique Kane akane@rx.umaryland.edu
- **Neurology:** Penelope Birkhead pbirkhead@som.umaryland.edu
- **Neurosurgery:** Mary Jo Pohlner mpohlner@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:** Rob Christenson rchristenson@umm.edu
- **Pediatrics:** Denise Hansen dhansen@som.umaryland.edu
- **Pharmacology:** TBD
- **Physical Therapy & Rehabilitation Science:** Donna Bethke-dbethke@som.umaryland.edu
- **Physiology:** Marty Lind mlind@som.umaryland.edu
- **Psychiatry:** Lisa Cleary lcleary@psych.umaryland.edu
- **Radiation Oncology:** Nancy Knight nknight@umm.edu
- **Surgery:** Michele Mehrling mmehrling@smail.umaryland.edu

### INSTITUTES

- **IGH:** Joanne Morrison jmorrison@som.umaryland.edu
- **IGS:** Riham Keryakos rkeryakos@som.umaryland.edu
- **IGS:** Sarah Pick spick@som.umaryland.edu
- **IHV:** Nora Samarayanake nsamarayanake@ihv.umaryland.edu
- **Institute for Clinical & Translational:** TBD

### RESEARCH CENTERS

- **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:** Leslie Jamka ljamka@som.umaryland.edu
- **Center for Vascular & Inflammatory Diseases:** Yan Sun, PhD, MBA-yansun@som.umaryland.edu
- **CIBR:** Thomas McHugh tmchugh@som.umaryland.edu
- **Research on Aging:** Kara Longo klongo@som.umaryland.edu

### RESEARCH PROGRAMS

- **PPGM:** Ruth Cosentino rcosentino@som.umaryland.edu • Ugur erickson-uerickson@som.umaryland.edu
- **Program in Comparative Medicine:** Deborah Sanchez dsanchez@vetmed.umaryland.edu
- **Program in Neuroscience:** Georgia Rogers grogers@som.umaryland.edu
- **Program in Oncology:** Kelli Carroll kcarroll1@umm.edu
- **Program in Trauma:** Betsy Burcham bburcham@umm.edu

### ACADEMIC PROGRAMS

- **MSTP:** Jane Bacon jbacon@som.umaryland.edu
- **MD Admissions:** Mickey Foxwell mfoxwell@som.umaryland.edu
- **GPILS:** Thomas McHugh tmchugh@som.umaryland.edu

- **Medical & Research Technology:** Cynthia Stambach cstambach@som.umaryland.edu
- **MPH:** Kara Longo-klongo@epi.umaryland.edu

### ADMINISTRATIVE UNITS

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

**Attention all SOM Medical, Allied Health and Graduate Students!**

**Buzz Information Link for Students**

A hyperlink is available on the School of Medicine Website for you to submit information to the *Buzz* to acknowledge honors, prizes, presentations, leadership positions and other noteworthy accomplishments. Go to: [http://medschool.umaryland.edu/Public\\_Affairs/buzz.asp](http://medschool.umaryland.edu/Public_Affairs/buzz.asp)