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.

Thomas Blanpied, PhD, Associate Professor, Department of Physiology, delivered a lecture titled, “Dynamic Control of Synaptic Nanostucture 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.

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 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.

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 Hypobaria Following Traumatic Brain Injury Plus Hemorrhagic Shock: Women's 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.”

Jenny Guyther, MD, Assistant Professor, and Danya Khouraj, 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. Khouraj 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.”

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

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

In the News

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

• Chris D’Adamo, PhD, Assistant Professor of Family & Community Medicine, and Associate Director, Center for Integrative Medicine, was 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 B/WMC 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.”
Publications

Hats off to those who have been published!

- Manuj Agarwal, MD, Assistant Professor; Neha Amin, MD, Assistant Professor; Jason Mollitoris, 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.

- 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.

- 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.

- Delia Chiaramonte, MD, Adjunct Faculty, Center for Integrative Medicine; Aedel 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 Simon and Bessie Grollman Distinguished Professor of Medicine; and Associate Dean for Global Health, Vaccinology and Infectious Diseases; Raphael Simon, PhD, Assistant Professor; and Sharon Tannent, 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 Molar 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, 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.

- Laura Diegelmann, MD, RDMS, Clinical Assistant Professor, Department of Emergency Medicine, was among the co-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.

- Sai Chun Divakarni, 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 “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; 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, 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 Tannent, 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 Molar Length O-Polysaccharide Polymers for Use as Haptens in Glycoconjugate Vaccines,” published in the Journal of Applied Microbiology on August 1, 2018.
Publications continued from page 3

Karen Kotloff, MD, Professor of Pediatrics and Associate Director for Clinical Research; Myron Levine, MD, DTPH, the Simon and Besie 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 “Opportunities and Challenges with Animal Models for Acute Radiation Syndrome Drug Discovery,” published in the November 2018 Issue of Expert Opinion on Drug Discovery. Dr. Macvittie, 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 an 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, 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 July 27, 2018.

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, 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 “Characterization of Plasmodium falciparum Retinocytocoe-Binding Protein Homologue-5 in Kilalibangou, Mali,” e-published in The American Journal of Tropical Medicine and Hygiene on May 24, 2018.

Elisabeth 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 the “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 Termech Feinberg, MPH, PhD, 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.
Rajabrata Sarkar, MD, PhD, Assistant Professor, Department of Radiation Oncology, was among the co-authors of “Surgical Resection for Recurrent Vulvar Cancer,” published in the October 2018 issue of the American Journal of Surgery.

Jiachen Zhuo, PhD, Assistant Professor of Medicine, was a co-author of “Novel Rarely Associated with Gaucher Disease: Alkaline Phosphatase (GRP) Mediated Signaling in the Host Response to Influenza Infection,” published in the October 2018 issue of the Clinical Cancer Research.

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

Nikki Tirada, MD, Assistant Professor, and Gauri Khorjekar, MBBS, Assistant Professor, both 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 Neuro-ophthalmology.

Saeboe Zhang, PhD, Assistant Professor; Khee-Joon Tan, PhD, Assistant Professor; Byong Yao Yi, PhD, Professor; and Jiachen Zhuo, PhD, Assistant Professor; all from the Department of Radiation Oncology, were among the authors of “Consensus Development and Global Health, authored “Deletions in guaBA and htrA but not clpX or rfaL Constitute a Development and Global Health.”

Giovannino Silvestri, MD, Research Associate, was a co-author of “BKR- 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 Development and Global Health.”

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Cara Felter, PT, DPT, MPH, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been appointed to the American Board of Physical Therapy Residency & Fellowship Program. She will serve for the term of October 1, 2018 to September 30, 2021.

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 Hinshon, MD, MPH, PhD, Professor, Department 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, 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 Biostatistics, was elected to the Executive Committee of the National Cancer Institute’s (NCI) Biostatistics and Data Management Strategic Interest Group (SIG) for the term of October 1, 2018 to September 30, 2021.
Amber Beitelshees and Joseph Cheer administered concomitantly with routine quadrivalent meningococcal when

**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 hosted 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 Foreje, and Alex Lee. Students from the Class of 2020 included: Erin Border, Anthony Garber, Angela Fernandez, Parth Naik, and Marcella William. The DPT students were mentored by Vincent Comroy, PT, DScPT, Assistant Professor.

**Grants & Contracts**

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

- **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 Streeter, 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 Meningooccal Vaccine Administered Concomitantly with Routine Pediatric Vaccines in Healthy Infants and Toddlers,” funded by Sanofi Pasteur Inc.

- **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.”

- **Joanne Dorgan, PhD, MPH**
  Associate 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.”

- **Shao-Jun Du, PhD**
  Associate Professor, Department of Biochemistry and Molecular Biology, Institute of Marine and Environmental Technology, was awarded a R01 grant from the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS/NIH) for “Molecular Regulation of Muscle Development by Smyd1.”

- **Janeva Dorgan, PhD, MPH**
  Professor and Chair, Department of Anatomy and Neurobiology, was awarded a three-year, $1,007,219 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 grant through a sub-recipient agreement from the University of Maryland, Baltimore (UMB) for “Community-Based Approaches to Preventing Postpartum Depression,” for “Dissemination of Pediatric, Adolescent, and Young Adult Depression Prevention Programs.”

- **Lynn Schriml, PhD**
  Associate Professor, Department of Microbiology and Immunology, was awarded $1,689,845 NIH R01 grant from the National Institute of Neurological Disorders and Stroke (NINDS/NIH) for “A Community-Based Approach to Preventing Postpartum Depression,” for “Dissemination of Pediatric, Adolescent, and Young Adult Depression Prevention Programs.”

- **Marianne Willims**
  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.”

- **Joseph Cheer, 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 for S-401, a Novel Mitogen-Mediated Mitosis Inhibitor.”

- **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.”

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- **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.”

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  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 for S-401, a Novel Mitogen-Mediated Mitosis Inhibitor.”
Research Communications Network

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Grants & Contracts continued from page 7

Pan Zheng, MD, PhD, Professor of Surgery, Division of Immunotherapy, Institute of Human Virology, received a five-year, $2,090,901 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.