



# What's the Buzz?

SEPTEMBER 2020 VOL.22 NO.8

SELF-REPORTED NEWS *from the* SCHOOL OF MEDICINE COMMUNITY

## Presentations, Events, Lectures & Workshops

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



Kathleen Connors, MSW, LCSW-C

► **Kay Connors, MSW, LCSW-C**, Instructor, Department of Psychiatry, recently led two presentations on COVID-coping techniques and resources. The first, "Not All Wounds Are Visible: A Community Conversation About Mental Health and COVID-19," ranges from discussing the pandemic with children to finding free summer meals. The second is entitled, "Parent Resources During COVID Outbreak and Recovery."

► **Feyruz Rassool, PhD**, Professor, Department of Radiation Oncology, presented a lecture on "Epigenetic Therapy Activation of the Inflammasome and Therapeutic Ramifications for the Tumor Microenvironment," as part of a virtual session on "Rewiring of the Tumor Microenvironment Epigenome," which was held on June 24 during the annual meeting of the American Association of Cancer Research.



Feyruz Rassool, PhD

► The **Department of Emergency Medicine** presented its seventh annual Critical Care Symposium as a livestream on June 24. More than 2,500 people from 70 countries registered to watch the conference. **Michael Winters, MD**, Professor, led the symposium, with **Michael Bond, MD, FACEP, FAAEM**, Associate Professor, and **Doreen Lucadamo, CMP, HMCC**, Conference Planning Specialist, facilitating. Two lecturers represented the department:

- **Kami Hu, MD**, Clinical Assistant Professor: "The Critical Care Literature 2020"
- **WanTsu Wendy Chang, MD**, Assistant Professor: "A Brain Too Good to Die: Critical Components of Cerebral Resuscitation"



Michael Winters, MD

► The **BHIPP** team (Maryland Behavioral Health Integration in Pediatric Primary Care), a collaboration in part with the Department of Psychiatry, has been providing monthly interactive virtual learning sessions on practices, strategies, and resources to support patient, family, and provider resilience during COVID-19.

► The American Physical Therapy Association's (APTA) House of Delegates held its annual meeting in a virtual format this year due to COVID-19 restrictions. Typically held prior to the NEXT conference, which was to be held in Phoenix, Ariz. from June 3-6, this was a historic event as the House of Delegates went virtual for the first time. The Maryland Delegation includes Department of Physical Therapy and Rehabilitation Science faculty members **Roy Film PT, MPT, DPT**,



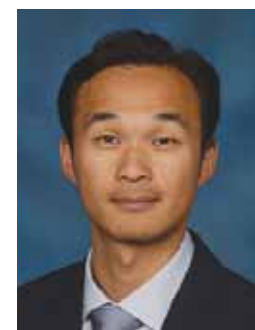
Roy Film, PT, MPT, DPT, OCS, FAAOMPT

**OCS, FAAOMPT**, Assistant Professor, and **Linda Horn, PT, DScPT, MHS**, Assistant Professor. Dr. Horn is the Chief Delegate for Maryland and Dr. Film is a Central District Delegate. Maryland sponsored RC 21-20, Zero Preventable Patient Harm, which is a position statement about patient safety. This was passed by the House of Delegates. The next meeting of the House of Delegates will be in Washington, D.C., in conjunction with the APTA centennial activities, scheduled for September 2021.

► The **Department of Physical Therapy and Rehabilitation Science** on May 11 hosted Research Day. This annual event showcases significant research projects and activities led by faculty and students within the department. The audience included attendees from all sectors of the rehabilitation science field, as well as faculty, staff and students from the department. It offered opportunities for collaboration and learning about emerging ideas.

This year, due to the COVID-19 pandemic, adjustments were made to host the event virtually. More than 300 people interacted in the event, which included the following lectures:

- **Nesreen Alisa, MSc(PT)**, PhD student: "To Protect or Counterbalance? Arms and Trunk Response to Imbalances in Aging"
- **Meizhen Huang, PhD**, Postdoctoral Fellow: "Robot-Guided Ankle Training for Acute Stroke Survivors: A Pilot Study"
- **Simon Ho, PT, DPT**, Assistant Professor, PhD student: "Exploring Physical Function Performance in Patients with Malignant Pleural Mesothelioma Pre and Post Extended Pleurectomy-Decortication"
- **Brian Johnson, OTR/L, PhD**, Postdoctoral Fellow: "Modulation of Sensorimotor Skill Consolidation in Individuals with and without a History of Stroke."
- **Kyung Koh, PhD**, Postdoctoral Fellow: "Abnormal Movement Coordination of Spastic Arms Post Stroke"



Simon Ho, PT, DPT



Douglas Savin, PT, PhD

► The graduates of the **Department of Physical Therapy and Rehabilitation Science**, Class of 2020, were recognized with a virtual Hooding and Awards Ceremony held on May 12. **Douglas Savin, PT, MPT, PhD**, Assistant Professor, served as the Master of Ceremonies. Speakers included: **E. Albert Reece, MD, PhD, MBA**, Professor and Dean of the School of Medicine; **Victoria Marchese, PT, PhD**, Associate Professor and Chair; **Jonathan Hermansen**, President, Class of 2020; **Kaitlyn Boyer**, Class of 2020, who presented the

Clinical Instructor of the Year Award; **Eric Hamilton**, Student Services Representative, Class of 2020, who presented the Faculty Member of the Year Award and the Adjunct Faculty Member of the Year Award; and special messages from PTRS faculty.



## Grants & Contracts

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



Sarah Clark, PhD

► **Sarah Clark, PhD**, Instructor, and **Todd Gould, MD**, Associate Professor, both from the Department of Psychiatry, were awarded \$275,000 by the National Institute of Allergy and Infectious Diseases (NIAID) for their two-year R21 grant, “Mechanisms of Sustained Anti-Neuroinflammatory Actions of (2R, 6R)-Hydroxynorketamine (HNK).” Depression and anxiety are often reported in patients with chronic inflammatory diseases and the anti-depressant ketamine has known anti-inflammatory properties. The goal of the project is to assess the anti-inflammatory properties of its metabolite, (2R, 6R)-hydroxynorketamine (HNK).

This project will further advance development of (2R, 6R)-HNK for the treatment of complex inflammatory diseases, while also exploring the underlying mechanisms that promote protection against neuroinflammation.

► **James Gold, PhD**, Professor, Department of Psychiatry, was awarded a five-year R01 grant by the National Institute of Mental Health entitled “1/5 CAPER: Computerized Assessment of ProdromE Risk.” The aim of the study is to improve accessibility and broaden the impact of high-risk screening by testing brief computerized measures, ultimately to be administered on the Internet, and to improve prediction by focusing on tasks specific to underlying mechanisms driving emerging psychotic symptoms.



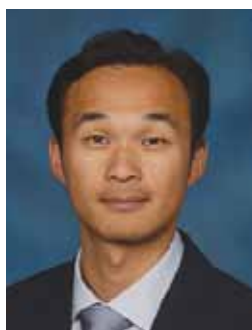
James Gold, PhD



Britta Hahn, PhD

► **Britta Hahn, PhD**, Associate Professor, Department of Psychiatry, was awarded a two-year R21 grant from the National Institute on Drug Abuse (NIDA) for her project, “Nicotine Insensitivity and Cue-Controlled Smoking Behavior in People with Schizophrenia.” The project will test whether people with schizophrenia are less sensitive to the subjective effects of nicotine and prone to stimulus-controlled habitual tobacco smoking. If confirmed, this would have implications for tailoring successful treatment interventions for smoking cessation in schizophrenia.

► **Simon Ho, PT, DPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was awarded a one-year grant from the National Science Foundation. The project title is: “Understanding and Facilitating Remote Triage and Rehabilitation During Pandemics via Visual Based Patient Physiologic Sensing.”



Simon Ho, PT, DPT



Sharon Hoover, PhD

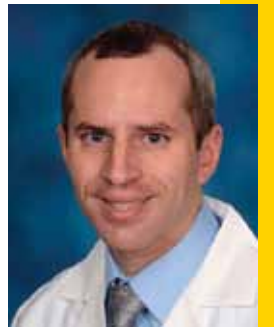
► **Sharon Hoover, PhD**, Associate Professor, Department of Psychiatry, and her team were awarded a five-year \$3 million Substance Abuse and Mental Health Services grant to operate a National Child Traumatic Stress Network (NCTSN) Category II Center, titled the “Center for Safe Supportive Schools (CS3).” UMB will be leading the effort in partnership with colleagues from Boston, Chicago, New York, and San Francisco. Only seven Cat II grants were awarded nationally. Also notable is that UMB was the only institution awarded two NCTSN grants this round. **Sarah Edwards, DO**, Assistant Professor, and **Kathleen Connors, MSW, LCSW-C**, Instructor, both from the Department of Psychiatry, also received a Cat III award.



Arezoo Modiri, PhD

► **Arezoo Modiri, PhD**, Assistant Professor, Department of Radiation Oncology, was the PI of a \$206,049 Sponsored Research Agreement with Varian Medical Systems for “Risk-Model-Based Radiotherapy Treatment Planning to Optimize Individual Overall Survival.”

► **Brian Polster, PhD**, Associate Professor, and co-investigators **Bogdan Stoica, MD**, Associate Professor; **Rebecca Henry, PhD**, Research Associate; **James Barrett, PhD**, Research Associate; and **Marta Lipinski, PhD**, Associate Professor, all from the Department of Anesthesiology, were awarded a five-year, \$2.9 million R01 grant from the National Institute of Neurological Disorders and Stroke (NIH/ NINDS) for “Reprogramming Proinflammatory Microglia by Restoring Mitochondrial Function.”



Brian Polster, PhD

► **Chamindi Seneviratne, MD**, Assistant Professor, Department of Psychiatry, and co-PI, was recently awarded a two-year \$50,000 R13 grant by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) for “3rd International conference of The Society for Interdisciplinary Placebo Studies—SIPS—Harnessing Placebo Mechanisms for Optimal Pain Management and Treatment of Alcohol and Other Drug Use Disorder.” The collaborative effort involves investigators from the School of Nursing, School of Medicine and School of Pharmacy.



Zeljko Vujaskovic, MD, PhD

► **Zeljko Vujaskovic, MD, PhD**, Professor, Department of Radiation Oncology, received a five-year \$12 million U19 award from the National Institute of Allergy and Infectious Diseases (NIAID) for “Intercollaborative Radiation Countermeasure (INTERACT) Consortium for Advanced Development of Medical Countermeasures to Mitigate/Treat Acute and Delayed Radiation Syndromes.” As part of the award, the University of Maryland School of Medicine becomes a member of the NIAID Centers for Medical Countermeasures Against Radiation Consortium.

► The **National Center for School Mental Health (NCSMH)** is partnering with the Maryland Behavioral Health Administration (BHA) to complete Maryland’s third five-year SAMHSA-funded Healthy Transitions (HT) grant. Healthy Transitions is part of SAMHSA’s Now Is the Time Initiative and provides services to young people ages 16-25 with behavioral health disorders to assist them in successfully transitioning from youth to adulthood. Overarching HT goals include promoting physical and mental health, building positive relationships with communities and peers, and supporting education and employment. **Sharon Hoover, PhD**, Associate Professor, Department of Psychiatry, is the UMB Principal Investigator, and the NCSMH team provides an outreach and education lead, as well as an evaluation team of clinical research staff.

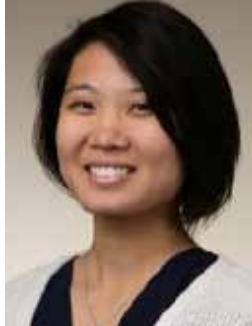
► Pivot Health Solutions has been awarded \$250,000 to fund the Pivot Health Solutions Physical Rehabilitation Science PhD Education Endowment. This important gift will be used as a critical resource for PhD students in Physical Rehabilitation Science in the **Department of Physical Therapy and Rehabilitation Science (PTRS)** at the University of Maryland School of Medicine.

## Honors & Awards

*Congratulations to the following who have received honors!*

► As part of the graduation ceremony for senior residents and fellows that took place on June 11, the following members of the **Department of Emergency Medicine** were honored with awards:

- **Megan Donohue, MD**, Resident, received the Shira Kansas, MD, Outstanding Professionalism Award, presented to a resident who carries on Shira's model of enthusiasm and professionalism in the practice of emergency medicine.
- **Sarah Dubbs, MD**, Assistant Professor; **David Gatz, MD**, Assistant Professor; **Angela Smedley, MD**, Assistant Professor; **Mimi Lu, MD**, Adjunct Assistant Professor; and **Gentry Wilkerson, MD**, Assistant Professor, received faculty teaching awards, bestowed by the residents for showing exemplary commitment to education and teaching.
- **Cheyenne Falat, MD**, Resident, received the Robert J. Doherty, MD, Exemplary Teaching Resident Award.
- **Naillid Felipe, MD, MPH**, Resident, received the Barry S. Gold, MD, Memorial Award, presented by the VA faculty to a resident who demonstrates the qualities admired in Dr. Gold: compassion in the delivery of medical care, a sustained quest for knowledge, and a commitment to excellence in providing medical care to veterans.
- **Laura Pimentel, MD, CPME**, Clinical Professor, received the inaugural Betty Tso Legacy Award for being a great mentor, an exceptional role model, and a leader in the department.



Sarah Dubbs, MD



Laura Pimentel, MD, CPME

► **Gregory Barber, MD**, a PGY-2 Resident, Department of Psychiatry, was selected for the 2020 American Psychiatric Association (APA)/APA Foundation (APAF) Leadership Fellowship Program as one of 15 recipients.

► **Brendan Bui, MD**, PGY-2 Resident, Department of Psychiatry, was inducted into the Gold Humanism Honor Society in recognition of his dedication in placing human interests, values, and dignity at the core of teaching and practice.



Vincent Conroy, PT, DScPT

► **Vincent Conroy, PT, DScPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science (PTRS), has been elected to the UMB Faculty Senate. Dr. Conroy will join the Faculty Senate for the 2020-2021 academic year. The Faculty Senate plays an important role in campus shared governance and Dr. Conroy will serve a three-year term on this important campus entity, representing the School of Medicine, and PTRS.

► **Crystal Han, MD**, a PGY-3 Resident, Department of Psychiatry, has been awarded the 2020 American Psychiatric Association (APA)/APA Foundation (APAF) SAMHSA Funded Minority Fellowship Program. Only 28 fellowships are issued per year.

► **Mark Kvarta, MD, PhD**, PGY-3 Resident, Department of Psychiatry, was recently awarded "Poster of the Year" by the Maryland Psychiatric Society for his work, entitled "Accounting for Effects of Lifetime, Current, and Community Stressors on Depressive Symptoms in Genetics Studies of Depression."

► **Jooyoung Lee**, PGY-2 Resident, Department of Psychiatry, received the best published paper award by a resident or fellow from the Maryland Psychiatric Society for his paper, entitled "Search Trends Preceding Increases in Suicide: A Cross-correlation Study of Monthly Google Search Volume and Suicide Rate Using Transfer Function Models," which was published in the *Journal of Affective Disorders*.



Rachel Skolky, PT, MSPT, DPT

► **Rachel Skolky, PT, MSPT, DPT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, has been nominated to serve on the Education Leadership Partnership's (ELP) reactor panel for competency-based physical therapy education (CBPTE). The reactor panel consists of approximately 200 individuals who represent many stakeholder groups and the partnership is intended to foster a more global perspective than that of any one organization represented or any one stakeholder.

## New Faculty

*We welcome our new faculty!*



Brent Bauer, MD

► **Brent Bauer, MD**, has joined the Department of Orthopaedics. An Assistant Professor, he will also serve as the Director of Orthopaedic Traumatology at University of Maryland Capital Region Health (UMCRH). Dr. Bauer completed an orthopaedic traumatology fellowship at the University of Maryland in 2009 and for the past decade has been practicing orthopaedic trauma and serving in progressively increasing leadership roles throughout the State of Texas. Dr. Bauer earned a bachelor's degree in biology from

the University of Texas (UT) and then a Doctor of Medicine degree from the UT Health Sciences Center in San Antonio. He subsequently trained in orthopaedics at the UT Southwestern program at Parkland in Dallas prior to completing his fellowship here. In addition to his

focus on orthopaedic trauma, Dr. Bauer will work to develop an elective arthroplasty practice in Prince Georges County. These moves will ideally position UMCRRH to provide safe, effective and reliable orthopaedic trauma care to a broad spectrum of patients with a broad spectrum of musculoskeletal conditions in the context of the opening of the new Regional Medical Center in Largo anticipated for next spring.

► **Junliang Xu, PhD**, joined the Department of Radiation Oncology as an Assistant Professor in the Division of Medical Physics. He comes to Maryland from the Fox Chase Cancer Center in Philadelphia, Pa., where he completed his three-year medical physics residency. His research interests are in radiation dose delivery optimization for rotating gamma systems, 2D-array dosimetry for patient-specific plan verification, and clonogenic assay of normal cell lines treated by pulsed low-dose-rate radiotherapy.



# Publications

*Hats off to those who have been published!*

► **Gregory Alexander, MD**, Resident, Department of Radiation Oncology, was among the authors of “Brain Extraction on MRI Scans in Presence of Diffuse Glioma: Multi-Institutional Performance Evaluation of Deep Learning Methods and Robust Modality-Agnostic Training,” which was e-published in *Neuroimage* on June 27, 2020.

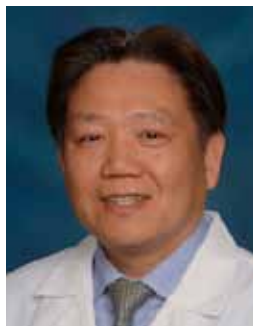
► **Garrett Cavaliere, DO**, Resident; **Gregory Jasani, MD**, Resident; and **Reem Alfalasi, MB, ChB**, Resident, all from the Department of Emergency Medicine, were the authors of “Feeling Nervous? Recognition and Management of Nerve Agent Exposure,” which was published in *EM Resident* on June 11, 2020.



Shifeng Chen, PhD

► **Shifeng Chen, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Machine Learning for Radiation Outcome Modeling and Prediction,” which was published in the June 2020 issue of *Medical Physics*.

► **Wengen Chen, MD, PhD**, Professor, and **Vasken Dilsizian, MD**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, published an Editorial comment entitled “Molecular Imaging of Amyloid Deposits for Early Diagnosis of Cardiac Amyloidosis and Monitoring Treatment Response,” in the *Journal of the American College of Cardiology*.



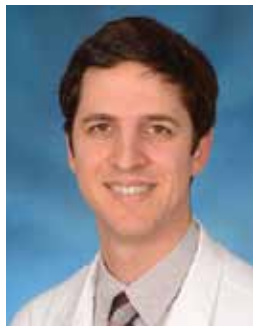
Wengen Chen, BM, PhD, MSc

► **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was co-author of “Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic: Ramping up Safely to a New Normal,” which was published in the *Journal of the American College of Cardiology*.



Vasken Dilsizian, MD

► **Dan Gingold, MD, MPH**, Assistant Professor, Department of Emergency Medicine, was the author of “The Curtain Between US,” which was published in the *Journal of Emergency Medicine* on June 11, 2020. Additionally, Dr. Gingold, along with **David Marcozzi, MD**, Associate Professor, Department of Emergency Medicine, were among the authors of “Development of a Logic Model to Guide Implementation and Evaluation of a Mobile Integrated Health Transitional Care Program,” which was published in *Population Health Management* on June 23, 2020.



Daniel Gingold, MD, MPH

► **Vicki Gray, MPT, PhD**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was the lead author of “Lateral Perturbation-Induced and Voluntary Stepping in Fallers and Nonfallers after Stroke,” which was published in the journal *Physical Therapy*.



Vicki Gray, MPT, PhD

► **Meizhen Huang, PhD**, Postdoctoral Fellow, Department of Physical Therapy and Rehabilitation, was the lead author of “The Effect of Support Surface and Footwear Condition on Postural Sway and Lower Limb Muscle Action of the Older Women,” which was published in *PLoS One*.

► **Isabel Jackson, PhD**, Associate Professor, Department of Radiation Oncology, was among the authors of “Down-Regulation of miR-23a-3p Mediates Irradiation-Induced Neuronal Apoptosis,” which was published online in the *International Journal of Molecular Sciences* on May 24, 2020.



Isabel Jackson, PhD



Deanna Kelly, PharmD, BCPP

► **Deanna Kelly, PharmD, BCPP**, Professor, Department of Psychiatry, recently published recommendations for clozapine use during COVID-19 with an international consortium which was published in the April 2020 issue of *The Journal of Psychiatry and Neuroscience*. Clozapine is the most effective antipsychotic for reducing symptoms, hospital admissions, and death among patients with schizophrenia.

among the authors of “Colorectal Cancer and Probiotics: Are Bugs Really Drugs?” which was published in the May 5, 2020 issue of *Cancers*.



Javed Mahmood, PhD

► **Javed Mahmood, PhD**, Assistant Professor; **Angel Zhang**, Research Specialist; **Ali Saeed, MD, PhD**, Resident; **Hem Shukla, PhD**, Assistant Professor; **Amit Sawant, PhD**, Associate Professor; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, were among the authors of “RhoA/ROCK Pathway Inhibitor Ameliorates Erectile Dysfunction Induced by Radiation Therapy in Rats,” which was e-published in *Radiotherapy and Oncology* on June 18, 2020.



David Marcozzi, MD

► **David Marcozzi, MD**, Associate Professor, Department of Emergency Medicine, was author of the commentary, “Governor’s COVID-19 Task Force Member: Don’t Let Reopenings Fool You and Stop Protecting Against the Spread,” which was published in the *Baltimore Sun* on June 18, 2020.



Michael McCurdy, MD

► **Michael McCurdy, MD**, Associate Professor, and **Kami Hu, MD**, Clinical Assistant Professor, both from the Department of Emergency Medicine, were authors of the chapter, “Vascular Emergencies,” which was published as part of the book *Emergency Department Critical Care* on June 20, 2020.

Oncology, were among the authors of “Pharmacologic Induction of Innate Immune Signaling Directly Drives Homologous Recombination Deficiency,” which was e-published in the *Proceedings of the National Academy of Sciences of the United States of America* on July 9, 2020.



Robert Miller, MD, MBA

► **Lena McLaughlin**, PhD Student; **Lora Stojanovic**, Laboratory Volunteer; and **Feyruz Rassool, PhD**, Professor, all from the Department of Radiation

► **Robert Miller, MD, MBA**, Professor, Department of Radiation Oncology, was among the authors of “Tying Reimbursement to Best Early-Stage Breast Cancer Oncologic Practice,” which was published online in *JCO Oncology Practice* on June 12, 2020.

► **Taylor Miller, MD**, Resident, Department of Emergency Medicine, was first author of “Critical Care Alert: Dexamethasone Treatment for ARDS [Acute Respiratory Distress Syndrome],” which was published in *EM Resident* on May 7, 2020.



Narottam Lamichhane, PhD



Feyruz Rassool, PhD





Pranshu Mohindra, MD, MBBS

► **Pranshu Mohindra, MD, MBBS**, Associate Professor, Department of Radiation Oncology, was the lead author of “Proposed Brachytherapy Recommendations (Practical Implementation, Indications, and Dose Fractionation) During COVID-19 Pandemic,” which was published online in *Brachytherapy* on May 1, 2020.

► **Christa Nelson, PT, DPT, PhD**, Assistant Professor; **Victoria Marchese, PT, PhD**, Associate Professor and Chair; **Odessa Addison, DPT, PhD**, Assistant Professor; and **Kelly Rock, PT, DPT**, PhD Student, all from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “Alterations in Muscle Architecture: A Review of the Relevance to Individuals after Limb Salvage Surgery for Bone Sarcoma,” which was published in *Frontiers in Pediatrics*.



Christa Nelson, PT, DPT, PhD



Teodor Postolache, MD

► **Teodor Postolache, MD**, Professor, Department of Psychiatry, recently published several publications, including a book chapter for Springer Nature Switzerland, entitled “An Introduction to Circadian Endocrine Physiology: Implications for Exercise and Sports Performance.” He also authored “Increased Brain Vitamin D Receptor Expression and Decreased Expression of Cathelicidin Antimicrobial Peptide in Individuals Who Died by Suicide,” which was published in the *Journal of Psychiatric Research*, as well as “Periodontal Pathogens and Neuropsychiatric Health,” which was published in *Current Topics in Medicine Chemistry*.

► **Jill Remick, MD**, Resident; **Emily Kowalski, MD**, Resident; **Kai Sun**, Statistician; **Yannick Poirier, PhD**, Assistant Professor; **Narottam Lamichhane, PhD**, Assistant Professor; **Stewart Becker, PhD**, Assistant Professor; **Shifeng Chen, PhD**, Associate Professor; **Akshar Patel, MD**, Visiting Assistant Professor; **Young Kwok, MD**, Professor; **Elizabeth Nichols, MD**, Associate Professor; **Pranshu Mohindra, MD**, Associate Professor; **William Regine, MD, FACR, FACRO**, The Isadore & Fannie Schneider Foxman Chair in Radiation Oncology; and **Mark Mishra, MD**, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “A Multi-Center Analysis of Single-Fraction Versus Hypofractionated Stereotactic Radiosurgery for the Treatment of Brain Metastasis,” which was published in *Radiation Oncology* on May 28, 2020.



Yannick Poirier, PhD

► **Katharina Richard, PhD**, Research Associate, and **Stefanie Vogel, PhD**, Professor, both from the Department of Microbiology and Immunology, were among the co-authors of “Dissociation of TRIF Bias and Adjuvanticity,” which was published in *Vaccine* on June 2, 2020.



Stefanie Vogel, PhD

► **Giovannino Silvestri, PhD**, Research Associate of Medicine, Institute of Human Virology, Division of Infectious Agents and Cancer, was the second author of “PI3K $\delta$  Inhibition as a Potential Therapeutic Target in COVID-19,” which was published in *Frontiers in Immunology, Section Vaccines and Molecular Therapeutics* on August 3, 2020.



Giovannino Silvestri, PhD

► **Elisabeth Vicente**, Program Manager; **Zeljko Vujaskovic**,



Zeljko Vujaskovic, MD, PhD

**MD, PhD**, Professor; and **Isabel Jackson, PhD**, Associate Professor, all from the Department of Radiation Oncology, were the authors of “A Systematic Review of Metabolomic and Lipidomic Candidates for Biomarkers in Radiation Injury,” which was published in *Metabolites* on June 20, 2020.

► **Esther Vicente, PhD**, Research Associate; **Arezoo Modiri, PhD**, Assistant Professor; **Pranshu Mohindra, MD**, Associate Professor; and **Amit Sawant, PhD**, Associate Professor, all from the Department of Radiation Oncology, were among the authors of “Functionally Weighted Airway Sparing (FWAS): A Functional Avoidance Method for Preserving Post-Treatment Ventilation in Lung Radiotherapy,” which was e-published in *Physics in Medicine and Biology* on June 23, 2020.



Arezoo Modiri, PhD

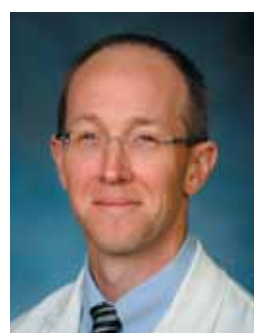


Eric Weintraub, MD

► **Eric Weintraub, MD**, Associate Professor; **Aaron D. Greenblatt, MD**, Assistant Professor; **Joy Chang, MD**, Assistant Professor; **Christopher Welsh, MD**, Associate Professor; **Alexandra Berthiaume, MD**; **Shelby Goodwin, MPS**; **Rachel Arnold**; **Melanie Bennett, PhD**, Professor; and **Annabelle Belcher, PhD**, Assistant Professor, all from the Department of Psychiatry, in collaboration with former colleague **Seth Himelhoch, MD**, were co-authors of “Outcomes for Patients Receiving

Telemedicine-Delivered Medication-Based Treatment for Opioid Use Disorder: A Retrospective Chart Review.” The article highlighted telemedicine-delivered medications for opioid use disorder that yielded retention as well as drug use outcomes comparable to in-person encounters.

► **Kelly Westlake, PhD, MSc, PT**, Assistant Professor, Department of Physical Therapy and Rehabilitation Science, was a co-author of “Aging, Vestibular Function, and Balance: Proceedings of a National Institute on Aging/National Institute on Deafness and Other Communication Disorders Workshop” which was published in *The Journals of Gerontology: Series A*.



Michael Winters, MD

► **Michael Winters, MD**, Professor, Department of Emergency Medicine, was among the discussants in the twice-monthly podcast, *Critical Care Perspectives in Emergency Medicine*, episodes: “Diastolic Shock Index,” which was published on June 15, 2020, and “Updates in the Critical Care Management of COVID-19 Patients,” which was published on July 2, 2020.



Kelly Westlake, PhD, MSc, PT

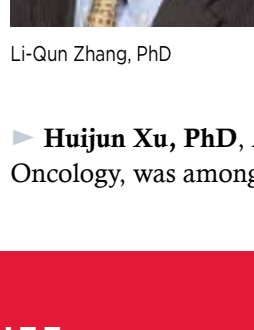
► **Owen Woodward, PhD**, Assistant Professor, Department of Physiology, and **Victoria Halperin Kuhns, PhD**, Postdoctoral Fellow, were authors of “Sex Differences in Urate Handling,” which was published in *International Journal of Molecular Sciences* on June 16, 2020.



Owen Woodward, PhD

► **Dali Xu, PhD**, Research Associate, and **Li-Qun Zhang, PhD**, Professor, both from the Department of Physical Therapy and Rehabilitation Science, were co-authors of “EMG-Based Real-Time Linear-Nonlinear Cascade Regression Decoding of Shoulder, Elbow and Wrist Movements in Able-Bodied Persons and Stroke Survivors,” which was published in *Institute of Electrical and Electronics Engineers (IEEE) Transactions on Biomedical Engineering*.

► **Huijun Xu, PhD**, Assistant Professor, Department of Radiation Oncology, was among the authors of “Dosimetric and Planning



Li-Qun Zhang, PhD

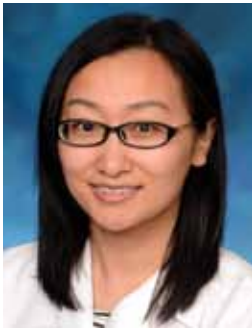


Publications

Continued

Efficiency Comparison for Lung SBRT: CyberKnife vs VMAT vs Knowledge-Based VMAT,” which was e-published in *Medical Dosimetry* on June 10, 2020.

► **Weiguang Yao, PhD**, Associate Professor; **Nrusingh Biswal, PhD**, Assistant Professor; **Jerimy Polf, PhD**, Associate Professor; and **Zeljko Vujaskovic, MD, PhD**, Professor, all from the Department of Radiation Oncology, were among the authors of “Impact of Bowel and Rectum Air on Target Dose with Robustly



Huijun Xu, PhD

Optimized Intensity-Modulated Proton Therapy Plans,” which was e-published in *Acta Oncologica* on June 5, 2020.

► **Chunyang Zhang, MD**, Postdoctoral Fellow; **Kyung Koh, PhD**, Postdoctoral Fellow; and **Li-Qun Zhang, PhD**, Professor, all from the Department of Physical Therapy and Rehabilitation Science, are co-authors of “A Calcar Collar is Protective Against Early Torsional/ Spiral Periprosthetic Fracture of the Femur: A Paired Cadaveric Biomechanical Analysis,” which will be published in *The Journal of Bone and Joint Surgery*.



Weiguang Yao, PhD

In the News

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



Jonathan Chow, MD

- **Jonathan Chow, MD**, Assistant Professor, Department of Anesthesiology, is featured in *U.S. News & World Report* for working with devices to help keep health care workers safe while treating the sickest COVID-19 patients. The article focuses on how Dr. Chow’s and a half dozen other clinicians—nurse practitioners, respiratory therapists, and pharmacists—conduct rounds in the intensive care unit’s biocontainment section using robots. The two robots named “Blue Bertha” and “Red Randy” are controlled by Dr. Chow using a few keystroke movements to help examine seriously ill COVID-19 patients.
- **Zachary Dezman, MD**, Assistant Professor, Department of Emergency Medicine, was interviewed on the Louie b. Free Radio Show on 21 WFMJ of Youngstown, Ohio, on June 24, 2020, discussing “Notes from the Field: High Prevalence of Fentanyl Detected by the Maryland Emergency Department Drug Surveillance System—Baltimore, Maryland, 2019,” an article he and **Bradford Schwartz, MD**, Adjunct Assistant Professor, Department of Emergency Medicine, published in *Morbidity and Mortality Weekly Report* on May 28, 2020.
- **Vasken Dilsizian, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, and President of the Society of Nuclear Medicine and Molecular Imaging (SNMMI), was interviewed by *Applied Radiology* on “SNMMI Goes Virtual: An interview with Vasken Dilsizian, MD, President, SMNMI,” by McKenna Bryant on



Vasken Dilsizian, MD

- July 11, 2020. Additionally, Dr. Dilsizian was interviewed by *HealthCare Business News* on “Five Minutes in Healthcare—Featuring Dr. Vasken Dilsizian,” by Philip F. Jacobus, CEO, on July 10, 2020.
- In his roles as COVID-19 Incident Commander, University of Maryland Medical System, and member of the Maryland Coronavirus Response Team, appointed by Governor Larry Hogan, **David Marcozzi, MD**, Associate Professor, Department of Emergency Medicine, was interviewed by:
- WBAL NewsRadio for the article, “350 Tested at Convention Center COVID-19 Testing Site,” published on June 17, 2020
  - Fox 45 News for the article, “Maryland’s Path Forward: Don’t Let Your Guard Down,” published June 25, 2020
  - WBAL NewsRadio on June 25, 2020, regarding his recent *Baltimore Sun* op-ed, “Governor’s COVID-19 Task Force Member: Don’t Let Reopenings Fool You and Stop Protecting Against the Spread”
  - The Maryland *Daily Record*, for an article entitled, “Organizer of ‘Reopen Maryland’ Protests Says He Has COVID-19,” published on June 26, 2020



David Marcozzi, MD

Appointments

*We applaud our colleagues on their recent appointments!*

► **Sarah Edwards, DO**, Assistant Professor, Department of Psychiatry, has been appointed Division Director of Child and Adolescent Psychiatry. Dr. Edwards currently serves as the Medical Director of Child and Adolescent Psychiatry clinical services where she oversees and provides direct pediatric mental health treatment in the inpatient, ambulatory, and consultation programs at the University of Maryland Medical Center. As the Fellowship Training Director, she also supervises medical residents and students during their clinical rotations as well as lectures on childhood mental health disorders, psychopharmacology, and infant psychiatry. Her research interests involve early childhood mental health, youth suicide screening and prevention, and pediatric delirium. She is a member of the American

Psychiatry Association and the American Academy of Child and Adolescent Psychiatry, where she serves as President for the Maryland Regional Council.

► **Vedrana Hodzic, MD**, Assistant Professor, Department of Psychiatry, began her new role as Medical Director of Psychiatric Emergency Services (PES) on July 1, 2020. Dr. Hodzic hopes to continue the tradition of excellence in patient care as well as in resident and medical student education. She looks forward to working with the Department’s outstanding staff, trainees, and the Adult Emergency Department to ensure that patients receive the best comprehensive care in a timely manner, all while keeping safety for both staff and patients a priority.

## 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:

<https://umbforms.wufoo.com/forms/z150ub5x10bz167/>

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