



# What's the Buzz?

DECEMBER 2019 VOL.21 NO.11

SELF-REPORTED NEWS from the SCHOOL OF MEDICINE COMMUNITY

## Events, Lectures & Workshops

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

► The **National Center for School Mental Health (NCSMH)** hosted the 2019 Annual Conference on Advancing School Mental Health in Austin, Tex., November 7–9. The conference hosted approximately 2,000 attendees from all 50 states and several countries, all convening to advance high quality school mental health. Keynote speakers were Dr. Isaiah Pickens, of iOpening Enterprises, and Dr. Claire Crooks, of Western University in Ontario. The conference also included three pre-conference sessions, over 175 breakout sessions, an awards luncheon, and a poster and networking reception. Next year's conference is scheduled for October 29–31 at the Marriott Waterfront Hotel in Baltimore.

► **Sarah Dubbs, MD**, Assistant Professor, Department of Emergency Medicine, served as the content expert for Medscape's "Minimizing the Impact of imAEs and Maximizing Efficacy in the Emergency Department," an activity eligible for continuing medical education released September 10. The goal of this activity was to educate clinicians treating patients with cancer, including those in the emergency department, on how to recognize and manage immune-mediated adverse events (imAEs) related to the use of immune checkpoint inhibitors. Separately, Dr. Dubbs presented: "Next Gen Onc: Coming to an ED Near You" on November 10 at the 2019 Asian Conference on Emergency Medicine (ACEM), held in New Delhi, India. The themes of this year's ACEM are affordable care, bridging gaps, and creating impact.



Alan Faden, MD

► **Alan Faden, MD**, the David S. Brown Professor in Trauma, Director of the Shock, Trauma & Anesthesiology Research (STAR) Center, was a visiting professor and lectured at the Medical University of Vienna, Austria; the Mario Negri Institute, Milan, Italy; Oxford University, Imperial College, London, England; and Cambridge University, Cambridge, England, all in September 2019.

► **Stella Hines, MD, MSPH**, Assistant Professor, Department of Medicine, presented a poster on her

research at the American Occupational Health Conference (AOHC), held in Anaheim, Calif., in April. The topic of her poster session was "Respiratory Protection Programs (Rpps) in Healthcare Settings Are Likely to Function Optimally When Safety Culture is Prioritized."

► **Philip Mackowiak, MD, MACP**, the Carolyn Frenkil and Selvin Passen



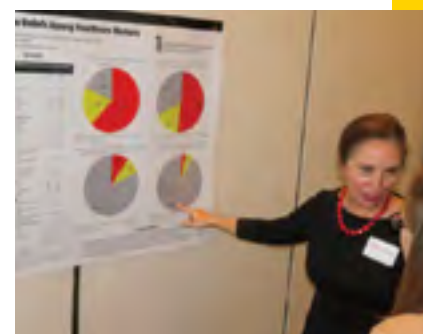
Philip Mackowiak, MD, MACP

History of Medicine Scholar-in-Residence

and Professor *Emeritus* of Medicine, gave the keynote address, "Why Mozart Died So Young" at the San Luis Obispo Master Chorale in San Luis Obispo, Calif., November 23–24.

► On May 30, 2019, the **Department of Psychiatry** hosted its annual Department of Psychiatry Research Day, which was led by **Gloria Reeves, MD**, Associate Professor, Department of

Psychiatry. The Department welcomed keynote speaker Kelly Gebo, MD, MPH, the Chief Scientific and Medical Officer of the National Institutes of Health's "All of Us" program. The Department highlighted its trainees who disseminated information on their own research projects. The winner of the Betty Huse Award was **Rebecca Vivrette, PhD**, Assistant Professor, for her work: "Maternal-Child Outcomes Using the Mom Power Intervention Model in Mothers with Substance Use Disorders." Co-Investigators included **Sarah Edwards, DO**, Assistant Professor; **Patricia Widra, MD**, Assistant Professor; and **Joy Chang, MD**, Assistant Professor.



Stella Hines, MD, MSPH



Gloria Reeves, MD

## Grants & Contracts

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



Victor Frenkel, PhD

► **Victor Frenkel, PhD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was awarded a five-year, \$165,771 RO1 subcontract for "HIV Theranostic."

► **William Jackson, PhD**, Associate Professor, Department of Microbiology and Immunology, renewed his existing five-year, R01 grant from the National Institutes of Allergy and Infectious Diseases (NIAID/NIH) for "Functional Development of Picornavirus-Induced Membranes Throughout Infection."



William Jackson, PhD

## New Faculty

*We welcome our new faculty!*



Suresh Basnet, MBBS

► **Suresh Basnet, MBBS**, joined the Department of Medicine as an Assistant Professor in September 2019. Dr. Basnet was previously an Instructor in the Department of Anesthesiology, Division of Critical Care Medicine, at Washington University in St. Louis. In his new role, Dr. Basnet will provide clinical services at the University of Maryland Medical Center, teach and train residents and fellows, and participate in research and scholarly activities in the Department.

# Honors & Awards

*Congratulations to the following who have received honors!*

► Hosted by the **Office of Student Research, Dean's Office & Alpha Omega Alpha Honor Society** at the University of Maryland Baltimore School of Medicine, the 42nd Annual Medical Student Research Day (MSRD) was held in Baltimore on November 19.

MSRD is a proud tradition for University of Maryland's medical students to present their research accomplishments to the school and the campus. The presentations are judged, and competitive prizes are awarded in recognition of outstanding research and presentations.

## 1st Place MSRD Award Winners

### Oral Presentations

- **Kevin Kim**, Class of 2022  
1st Place Oral Presentation Session Winner for "Therapeutic Drug-Induced Hypothermia in Traumatic Spinal Cord Injury," under the mentorship of **J. Marc Simard, MD, PhD**, Professor, Department of Neurosurgery.
- **Amrita Sarkar**, Class of 2022  
1st Place Oral Presentation Session Winner for "Therapeutic Drug-Induced Hypothermia in Traumatic Spinal Cord Injury" under the mentorship of **J. Marc Simard, MD, PhD**, Department of Neurosurgery.
- **Aishwarya (Ashiu) Iyer**, Class of 2022  
1st Place Oral Presentation Session Winner for "Dynamic Regulation of SMYBP-C Via Phosphorylation and Subsequent Effects on Myosin Binding," under the mentorship of **Aikaterini Kontrogianni-Konstantopoulos, PhD**, Professor, Department of Biochemistry and Molecular Biology.
- **Huanwen (Alvin) Chen**, Class of 2021  
1st Place Oral Presentation Session Winner for "Impact of Dexamethasone Glioblastoma Immunotherapy and Strategies to Avoid Steroid-Induced T-Cell Suppression," under the mentorship of Mark Gilbert, MD, Neuro-Oncology Branch, National Cancer Institute, National Institutes of Health.
- **Lucille Martin**, Class of 2022  
1st Place Oral Presentation Session Winner for "Evaluating Diabetes Screening Methods in Early Pregnancy," under the mentorship of **Sarah Crimmins, DO**, Assistant Professor, Department of Obstetrics, Gynecology and Reproductive Sciences.
- **Jennifer Drechsler**, Class of 2022  
1st Place Oral Presentation Session Winner for "Structural Changes After Angle Surgery Compared to Tube Shunt Placement in Infants and Children," under the mentorship of **Janet Alexander, MD**, Assistant Professor, Department of Ophthalmology and Visual Sciences.

### Poster Presentations

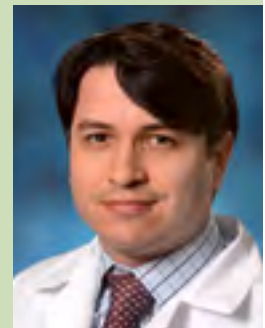
- **Leah Henry**, Class of 2021  
1st Place Poster Presentation Session Winner for "Perioperative Opioid Use in Anterior Cruciate Ligament Reconstruction Patients," under the mentorship of **R. Frank Henn, MD**, Associate Professor, Department of Orthopaedics.
- **Serban Negoita**, Class of 2022  
1st Place Poster Presentation Session Winner for "The Effect of Glibenclamide on Macrophage and Microglia Internalization of & Graphics Group Hemoglobin in Intracerebral Hemorrhage," under the mentorship of **J. Marc Simard, MD, PhD**, Professor, Department of Neurosurgery.

- **Gregory Perraut**, Class of 2021  
1st Place Poster Presentation Session Winner for "Perioperative Opioid Use in Anterior Cruciate Ligament Reconstruction Patients," under the mentorship of **R. Frank Henn, MD**, Associate Professor, Department of Orthopaedics.

*Faculty mentors were also nominated for their outstanding mentorship at the 42nd Annual Medical Student Research Day:*

### Faculty Nominated for Faculty Mentor Recognition Award

- **David Dreizin, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, nominated by Tina Chen (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Productivity Impact for "Volumetric Analysis of Contrast Extravasation and Parenchymal Disruption in Blunt Hepatic Trauma Triage to Angioembolization."



David Dreizin, MD



Steven Kittner, MD, MPH

- **Steven Kittner, MD, MPH**, Professor, Department of Neurology, nominated by Arlinda Deng (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Transformational Impact for "ABCC8 Polymorphisms and Cerebral Edema in Non-Lacunar Stroke."

Radiation Oncology & Director of Clinical Research, nominated by Sung Choi (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Transformational Impact for "Evaluating Neuro-QoL Short Form as a Tool for Detecting Neurocognitive Functional Decline Among Patients Who Have Undergone Brain Tumor Radiotherapy."

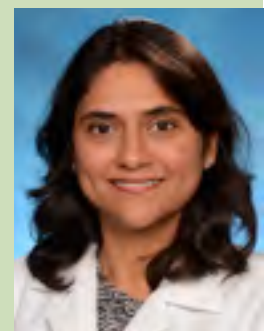
- **Mark Mishra, MD**, Associate Professor, Department of



Mark Mishra, MD

- **Patricia Outeda-Garcia, PhD**, Assistant Professor, Department of Medicine, nominated by Mark Wieland (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Transformational Impact for "Sonic Hedgehog Pathway Inhibition for the Treatment of Autosomal Dominant Polycystic Kidney Disease."

- **Sripriya Sundararajan, MBBS, MD**, Assistant Professor, Department of Pediatrics, and Neonatal Director of OB-MFM Relations, nominated by Lisa Roskes (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Transformational Impact for "Association of Feeding Patterns with Intestinal Barrier Function in Premature Neonates."



Sripriya Sundararajan, MBBS, MD

- **Melissa Vyfhuis, MD, PhD**, Visiting Assistant Professor, Department of Radiation Oncology, nominated by Dahlia Kronfli (Class of 2022) for the MSRD Faculty Mentor Recognition Award—Transformational Impact for "Identifying Psychosocial, Demographic, and Economic Disparities for Cancer Patients Undergoing Radiation Therapy in an Urban Underserved Population."



Joshua Abzug, MD

► **Joshua Abzug, MD**, Associate Professor, Department of Orthopaedics, was selected by the American Association for Hand Surgery to be the recipient of the 2020 Lean & Green Award. This award honors a deserving Association member who has decreased the amount of waste generated by hand surgery, thereby decreasing costs related to hand surgery. Dr. Abzug was chosen based on this article published in *Hand*, "The

Safety and Benefits of the Semisterile Technique for Closed Reduction and Percutaneous Pinning of Pediatric Upper Extremity Fractures," which highlights evidence-based sterility while decreasing costs and medical waste associated with the use of Kirschner wires to treat hand fractures. The award includes a \$1,000 honorarium, complimentary meeting registration, and a digital diploma.



# Publications

*Hats off to those who have been published!*

► EM: RAP (Emergency Medicine Reviews and Perspectives) unveiled a revolutionary online textbook, *CorePendium*, on October 29, with content enriched by podcasts, videos, and other media and planned quarterly updates. The **Department of Emergency Medicine** had far more involvement in the text than any other emergency medicine program in the United States, with **29 faculty members** contributing as co-editor in chief, associate editors of the whole, chief and associate editors of 11 out of 19 sections, and authors or co-authors of 31 out of 206 chapters.



Joshua Abzug, MD

► **Joshua Abzug, MD**, Associate Professor, Departments of Orthopaedics and Pediatrics, was among the authors of “Pediatric Gartland Type-IV Supracondylar Humeral Fractures Have Substantial Overlap with Flexion-Type Fractures,” which was published in the August 2019 issue of the *Journal of Bone and Joint Surgery*. Dr. Abzug was also the lead author of “Current Concepts in the Treatment of Lateral Condyle Fractures in Children,” which was published in the July 2019 issue of the *Journal of the American Academy of Orthopaedic Surgeons*.

► **Omer Awan, MD, MPH**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was the author of “What Makes a Great Teacher?” which was published in the November-December 2019 issue of *Radiographics*. Dr. Awan was also last author of “Mentorship and Sponsorship: Are You in Good Hands?” which was published in *Current Problems in Diagnostic Radiology* on October 31, 2019.

► **Uttam Bodanapally, MBBS**, Associate Professor, and **Thorsten Fleiter, MD**, Associate Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Quantification of Iodine Leakage on Dual-Energy CT as a Marker of Blood-Brain Barrier Permeability in Traumatic Hemorrhagic Contusions: Prediction of Surgical Intervention for Intracranial Pressure Management,” which was published in the *American Journal of Neuroradiology* on November 14, 2019.

► **Michael Bond, MD, FACEP, FAAEM**, Associate Professor, Department of Emergency Medicine, was among the authors of “How Well Does the Standardized Video Interview Score Correlate with Traditional Interview Performance?” which was published in the *Western Journal of Emergency Medicine* on August 20, 2019.



Michael Bond, MD, FACEP, FAAEM

► **Rong Chen, PhD**, Assistant Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Evaluation of Texture Analysis for the Differential Diagnosis of Mass-Forming Pancreatitis from Pancreatic Ductal Adenocarcinoma on Contrast-Enhanced CT Images,” which was published in *Frontiers in Oncology* on November 5, 2019. Dr. Chen was also a co-author of “Comparison Between Magnetic Resonance Hysterosalpingography and Conventional Hysterosalpingography: Direct Visualization of the Fallopian Tubes Using a Novel MRI Contrast Agent Mixture,” which was published in *Acta Radiologica* in November 2019. Separately, he was a co-author of “Differentiation of Chronic Mass-forming Pancreatitis from Pancreatic Ductal Adenocarcinoma Using Contrast-Enhanced Computed Tomography,” which was published in the August 2019 issue of the *Cancer Management and Research*.



Rong Chen, PhD

► **Wengen Chen, MD, PhD**, Associate Professor, and **Jean Jeudy, MD**, Associate Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Assessment of Myocarditis: Cardiac MR, PET/CT, or PET/MR?” which was published in the June 2019 issue of *Current Cardiology Reports*.



Wengen Chen, MD, PhD

► **Zachary Dezman, MD, MS, MS**, Assistant Professor; **Weaam Felemban, MBBS**, Visiting Professor; and **Laura Bontempo, MD, MEd**, Associate Professor, all from the Department of Emergency Medicine, and **Eric Wish, PhD**, Center for Substance Abuse Research, University of Maryland, College Park, authored “Evidence of Fentanyl Use is Common and Frequently Missed in a Cross-Sectional

Study of Emergency Department Patients in Baltimore, Maryland,” which was published in *Clinical Toxicology* on April 22, 2019.

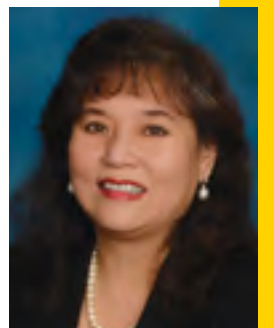


David Dreizin, MD

► **David Dreizin, MD**, Associate Professor, and **Nikki Tirada, MD**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Performance of a Deep Learning Algorithm for Automated Segmentation and Quantification of Traumatic Pelvic Hematomas on CT,” which was published in the *Journal of Digital Imaging* on June 7, 2019.

► **Andrew Dubina, MD**, Resident, and **Robert O’Toole, MD**, Professor, Department of Orthopaedics, were among the co-authors of “Can Views of the Proximal Femur Be Reliably Used to Predict Malrotation after Femoral Nail Insertion? A Cadaveric Validation Study,” which was published in the December 2019 issue of the *Journal of the American Academy of Orthopaedic Surgeons*.

► **Thomas Ernst, Dr rer nat**, Professor, and **Linda Chang, MD, MS**, Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Proton Magnetic Resonance Spectroscopy (1H-MRS)-Based Neurometabolite Levels and Cognitive Function in Relation to Visceral Obesity and Non-Alcoholic Fatty Liver Disease (P14-019-19),” which was published in *Current Developments in Nutrition* in June 2019.



Linda Chang, MD, MS

► **William Fernandez, MD**, Resident; **Laura Bontempo, MD**, Associate Professor; and **Zachary Dezman, MD**, Assistant Professor, all from the Department of Emergency Medicine, authored “50-Year-Old Male with Chest Pain,” which was published in *Clinical Practice and Cases in Emergency Medicine* on October 21, 2019.

► **Kyle Fischer, MD, MPH**, Clinical Assistant Professor, Department of Emergency Medicine, authored “Prevention Professional for Violence Intervention: A Newly Recognized Health Care Provider for Population Health Programs,” which was accepted for publication in the February 2020 issue of *Journal of Health Care for the Poor and Underserved*.

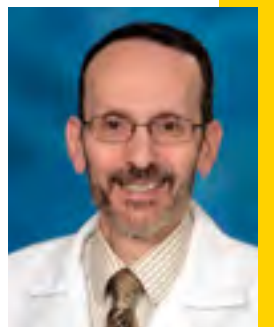
► **Aletta Frazier, MD**, Clinical Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Innovative and Contemporary Interventions of Diaphragmatic Disorders,” and “Interventional Therapies for Thoracic Duct Injury and Intractable Chylothorax,” both published in the *Journal of Thoracic Imaging* in July 2019.



Dheeraj Gandhi, MBBS

► **Dheeraj Gandhi, MBBS**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Influence of Intracerebral Hemorrhage Location on Outcomes in Patients with Severe Intraventricular Hemorrhage,” which was published in the July 2019 issue of *Stroke*.

► **Michael Grasso, MD, PhD, FACP**, Assistant Professor; **Zachary Dezman, MD**, Assistant Professor; and **David Jerrard, MD**, Associate Professor, all from the Department of Emergency Medicine, were among the authors of an abstract published in October in the *Annals of Emergency Medicine*, “Coding Disparity and Specificity During Emergency Department Visits After Transitioning to the Tenth Version of the International Classification of Disease [ICD-10],” from the American College of Emergency Physicians’ 2019 Research Forum.



Michael Grasso, MD, PhD, FACP



S. Ashfaq Hasan, MD

► **S. Ashfaq Hasan, MD**, Professor, and **Mohit Gilotra, MD**, Assistant Professor, both from the Department of Orthopaedics, were the senior authors of “Evaluating the Readability of Online Patient Education Materials Regarding Shoulder Surgery: How Do Medical Institution Web Sites Rate?”



which was published in the Fall 2019 issue of the *Journal of Surgical Orthopaedic Advances*.



Jon Mark Hirshon, MD, PhD, MPH, FACEP, FAAEM, FACPM

- **Jon Mark Hirshon, MD, PhD, MPH, FACEP, FAAEM, FACPM**, Professor, Department of Emergency Medicine, was among the authors of:
  - “Correlation Between the Revised Trauma Score and Injury Severity Score: Implications for Prehospital Trauma Triage,” which was published in the March 2019 issue of the *Prehospital Emergency Care*.
  - “Critical Issues in the Evaluation and Management of Adult Patients Presenting to the Emergency Department with Acute Headache,” which was published in the October 2019 issue of the *Annals of Emergency Medicine*.
  - “Driving Behavior and Road Traffic Crashes Among Professional and Nonprofessional Drivers in South Egypt,” which was published in the *International Journal of Injury Control and Safety Promotion* on July 8, 2019.
- “Emergency Care Research Ethics in Low-Income and Middle-Income Countries,” which was published in *BMJ Global Health* on July 29, 2019.
- “Impact of Global Budget Revenue Policy on Emergency Department Efficiency in the State of Maryland,” which was published in the *Western Journal of Emergency Medicine* on October 14, 2019.
- “Resource Utilization in Non-Academic Emergency Departments with Advanced Practice Providers,” which was published in the July 2019 issue of the *Western Journal of Emergency Medicine*.
- “Survival Associated with Sirolimus Plus Tacrolimus Maintenance without Induction Therapy Compared with Standard Immunosuppression after Lung Transplant,” which was published in *JAMA Network Open* on August 28, 2019.

► **Jean Jeudy, MD**, Associate Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Crowdsourcing Pneumothorax Annotations Using Machine Learning Annotations on the NIH Chest X-ray Dataset,” which was published in the *Journal of Digital Imaging* on November 25, 2019. Dr. Jeudy also was a co-author of “Bronchial Artery Laceration and Haemothorax Complicating Transbronchial Needle Aspiration,” which was published in the November 2019 issue of *Respirology Case Reports*.



Gaurav Jindal, MD

► **Gaurav Jindal, MD**, Associate Professor; **Timothy Miller, MD**, Associate Professor; and **Dheeraj Gandhi, MBBS**, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Thrombectomy for Acute Ischemic Stroke with the New Sofia 6-French PLUS Distal Access Reperfusion Catheter: A Single-center Experience,” which was published in the *Journal of Neuroradiology* in November 2019. Dr. Jindal was also a co-author of “Spine Anatomy Imaging: An Update,” which was published in *Neuroimaging Clinics of North America* in November 2019. Dr. Gandhi also was a co-author of “Three-Year Follow-up of Prospective Trial of Focused Ultrasound Thalamotomy for Essential Tremor,” which was published in *Neurology* on November 20, 2019.



Jane Kim, MD

► **Jane Kim, MD**, Assistant Professor and **Jennifer Son, MD**, Assistant Professor, both from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Effect of Radiologist Pregnancy on the Performance of Pediatric Fluoroscopic Studies: A Survey of Society for Pediatric Radiology Members,” which was published in the June 2019 issue of *Pediatric Radiology*.

► **Logan Kolakowski, MD**, Resident; **S. Ashfaq Hasan, MD**, Associate Professor; **R. Frank Henn, MD**, Associate Professor; and **Mohit Gilotra, MD**, Assistant Professor, all from the Department of Orthopaedics, were among the co-authors of “Benzoyl Peroxide Use Transiently Decreases Cutibacterium Acnes Load on the Shoulder,” which was published in the October 2019 issue of the *Journal of Shoulder and Elbow Surgery*.

► **Dan Lemkin, MD**, Assistant Professor; **Benoit Stryckman, MA**, Research Associate; and **Zachary Dezman, MD**, Assistant Professor, all from the Department of Emergency Medicine, were among the co-authors of “Integrating a Safety Smart List into the Electronic Health Record Decreases Intensive Care Unit Length of Stay and Cost,” which was published in the *Journal of Critical Care* on October 9, 2019.



Natalie Leong, MD

► **Natalie Leong, MD**, Assistant Professor; **Motomi Enomoto-Iwamoto, PhD**, Professor; and **Jie Jiang, PhD**, Assistant Professor, all from the Department of Orthopaedics, were among the co-authors of “Tendon and Ligament Healing and Current Approaches to Tendon and Ligament Regeneration,” which was published in the September 2019 issue of the *Journal of Orthopaedic Research*.

► **Steven Ludwig, MD**, Professor, Department of Orthopaedics, was the senior author of “Thoracolumbar Spine Trauma,” a chapter in the book *Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management*, 2nd ed, published by Springer International, December 2019. Separately, Dr. Ludwig, was also the senior author of “Cervical Spine Trauma in Patients with Congenital Spinal Stenosis,” a chapter in the book *Cervical Trauma* published by Thieme Publishers in September 2019.



Steven Ludwig, MD



Alberto Macario, MD

► **Alberto Macario, MD**, and **Everly Conway De Macario, PhD**, both Adjunct Professors from the Department of Microbiology and Immunology, were among the authors of “Molecular Mechanisms in Chaperonopathies: Clues to Understanding the Histopathological Abnormalities and Developing Novel Therapies,” which was published in the *Journal of Pathology* on October 3, 2019.

► **Michael Mulligan, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “Correlation Between Subcutaneous Fat Measurements in Knee MRI and BMI: Relationship to Obesity and Related Co-Morbidities,” which was published in the June 2019 issue of *Acta Radiologica Open*.

► **Nathan O’Hara, MHA**, Research Associate, and **Robert O’Toole, MD**, Professor, both from the Department of Orthopaedics, were among the co-authors of “Does Intramedullary Nail Fixation of the Tibia Pose the Same Risk of Pulmonary Complication as Intramedullary Nail Fixation of the Femur? A Propensity Score Matched Analysis,” which was published in the September 2019 issue of the *Journal of Orthopaedic Trauma*. Separately, Dr. O’Toole, was the senior author of “Novel Application of Exhaled Carbon Monoxide Monitors: Smoking Cessation in Orthopaedic Trauma Patients,” which was published in the November 2019 issue of the *Journal of Orthopaedic Trauma*. **Timothy Costales, MD**, Resident, also from the Department of Orthopaedics, was among the co-authors. Dr. O’Toole was also the senior author of “A Predictive Score for Determining Risk of Surgical Site Infection after Orthopaedic Trauma Surgery,” and “Treating the Orthopaedic Trauma Knowledge Gap: Quantification of Orthopaedic Resident Knowledge Gaps and Validation of a Multimodal Course to Address These Deficiencies,” which was published in the October 2019 and August 2019 issue of the *Journal of Orthopaedic Trauma*, respectively.



Nathan O’Hara, MHA



Raymond Pensy, MD

► **Raymond Pensy, MD**, Associate Professor; **Robert O’Toole, MD**, Professor; and **W. Andrew Eglseder, MD**, Professor, all from the Department of Orthopaedics, were the senior authors of “Timing of Treatment of Open Fractures of the Distal Radius in Patients Younger than 65 Years,” which was published in *Orthopedics* in July 2019.

► **Andrew Pollak, MD**, the James Lawrence Kernan Professor and Chair, Department of Orthopaedics, was the senior author of “Does an Implant Usage Report Card Impact Orthopaedic Trauma Implant Stewardship?” which was published in the *Journal of Orthopaedic Trauma* in November 2019. Among the co-authors were: **Nathan O’Hara, MHA**, Research Associate; **Christopher LeBrun, MD**, Clinical Assistant Professor; **Gerard Slobogean, MD**, Associate Professor;



Andrew Pollak, MD



Publications

Continued

Jason Nascone, MD, Professor; Robert O’Toole, MD, Professor; and Marcus Sciadini, MD, Professor, all from the Department of Orthopaedics.



Boris Sabirzhanov, PhD

► **Boris Sabirzhanov, PhD**, Visiting Assistant Professor; **Alan Faden, MD**, the David S. Brown Professor in Trauma and Director of the Shock, Trauma & Anesthesiology Research (STRAR) Center; **Bogdan Stoica, MD**, Associate Professor; and **Junfang Wu, BM, PhD**, Associate Professor, all from the Department of Anesthesiology, were among the co-authors of “Inhibition of microRNA-711 limits Ang-1 and Akt Changes, Tissue Damage, and Neurological Dysfunction After Contusive Spinal Cord Injury in Mice,” which was published in the November 2019 issue of *Cell Death & Disease*.

► **Kinjal Sethuraman, MD, MPH**, Assistant Professor, Department of Emergency Medicine, was among the authors of “Engaging Emergency Medicine Influencers: Lessons Learned from the Sex and Gender Interest Group and the SAEM [Society for Academic Emergency Medicine] Jeopardy Game,” which was accepted for publication in *AEM Education and Training*. Separately, Dr. Sethuraman was among the authors of “Acute Direct Traumatic Optic Neuropathy Treated with Steroids, Minocycline and Hyperbaric Oxygen: A Case Report,” which was published in the September 2019 issue of *Undersea and Hyperbaric Medicine*. In the same issue, **Doug Sward, MD**, Clinical Assistant Professor, and **Kinjal Sethuraman, MD, MPH**, Assistant Professor, also from the Department of Emergency Medicine, were among the authors of “Hyperbaric Oxygen Therapy for Perioperative Posterior Ischemic Optic Neuropathy: A Case Report.”



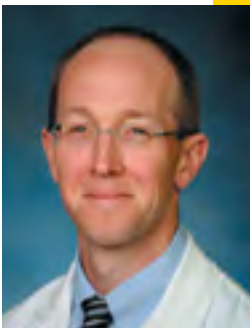
Kinjal Sethuraman, MD, MPH

► **Kathirkama Shanmuganathan, MBBS**, Professor; **Jiachen Zhuo, PhD**, Assistant Professor; **Uttam Bodanapally, MBBS**, Assistant Professor; **Rao Gullapalli, PhD, MBA**, Professor, all from the Department of Diagnostic Radiology and Nuclear Medicine, were among the co-authors of “Comparison of Acute Diffusion Tensor Imaging and Conventional Magnetic Resonance Parameter in Predicting Long-Term Outcome Following Blunt Cervical Spinal Cord Injury,” which was published in the *Journal of Neurotrauma* on June 13, 2019. Dr. Gullapalli was also among the authors of “Recovery After Mild Traumatic Brain Injury in Patients Presenting to US Level I Trauma Centers: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Study,” which was published in *Journal of the American Medical Association Neurology* on June 3, 2019 and “Disparities in Diffuse Cortical White Matter Integrity Between Socioeconomic Groups,” published in the June 2019 issue of *Frontiers in Human Neuroscience*.

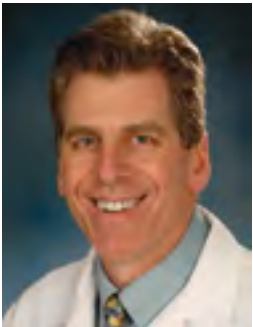
► **Heidi Teague, MD**, Assistant Professor, Department of Emergency Medicine, co-authored, “Use of Nebulized Naloxone to Reverse Methadone Overdose—A Case Report and Review of Literature,” which was published in the *Journal of Community Hospital Internal Medicine Perspectives* on November 1, 2019.

► **Ozhan Turan, MD, PhD, FACOG**, Associate Professor, Department of Obstetrics and Gynecology, was among the authors of “Prolonged Early Antenatal Indomethacin Exposure is Safe for Fetus and Neonate,” which was published in *The Journal of Maternal-Fetal & Neonatal Medicine* on April 4, 2019. Separately, Dr. Turan was among the authors of “Modified Fetoscopic Laser Surgery in Twin-Totwin Transfusion Syndrome with Proximate Cord Insertions: A Report of Two Cases and Literature Review,” which was published on January 31, 2019 in the same issue.

► **Michael Winters, MD**, Professor, Department of Emergency Medicine, and colleagues were featured in the October 23 podcast episode, “TTM for Nonshockable Rhythms?” as part of their twice-monthly podcast, *Critical Care Perspectives in Emergency Medicine*. In this episode, the doctors discussed Lascarrou et al.’s recent article in the *New England Journal of Medicine*, “Targeted Temperature Management for Cardiac Arrest with Nonshockable Rhythm.” A companion handout of key points and takeaways is available to podcast subscribers.



Michael Winters, MD



Michael Witting, MD, MS

► **Michael Witting, MD, MS**, Professor; **Mak Moayed, MD, CDEM**, Assistant Professor; **Jon Mark Hirshon, MD, PhD, MPH, FACEP, FAAEM, FACPM**, Professor; and **Steve Schenkel, MD**, Associate Professor, all from the Department of Emergency Medicine, were among the authors of “Predicting Failure of Intravenous Access in Adults: The Value of Prior Difficulty,” which was published in the *Journal of Emergency Medicine* in July 2019.

► **Brittney Williams, MD**, Assistant Professor, Department of Anesthesiology, was among the co-authors of “Toll-like Receptor 7 Contributes to Inflammation, Organ Injury, and Mortality in Murine Sepsis,” which was published in *Anesthesiology* on April 25, 2019.



Brittney Williams, MD

► **Jade Wong-You-Cheong, MD**, Professor, Department of Diagnostic Radiology and Nuclear Medicine, was among the co-authors of “ACR Appropriateness Criteria® Post-Treatment Follow-up and Active Surveillance of Clinically Localized Renal Cell Cancer,” which was published in the November 2019 issue of the *Journal of the American College of Radiology*.

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/z15Oub5x10bz167/>

Research Communications Network

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

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