A TEAM EFFORT...
COVID-19
A Message from our Chair

The last six months have been the most unusual period most of us can remember. The personal and professional challenges have been daunting. Our first COVID-19 patient at UMMC was in March, just six months back but it seems so long ago. I won’t forget how quickly people stepped up to take on new and different responsibilities, volunteered for new and additional clinical responsibilities, looked out for each other, and in all ways large and small helped to lower the stress level and helped us all weather the storm. My job as chair, reduced to its simplest, is to ensure the department and all its members are safe, to set our course, and that you have the resources you need to help you be successful and help you meet your professional objectives.

The way the department responded to this crisis was not only inspirational but helped me do my job. For that, I am immensely grateful.

Despite these challenges, our department has responded with a high degree of professionalism, total commitment to caring for patients and caring for each other, working together as a team, and sustaining our core missions of clinical care, education, research, and service to our community. While I’m not surprised by how well we have responded to this public health crisis, knowing as I do the great qualities of our department, I do not take your efforts for granted. I want to sincerely thank every one of you for all your hard work, sacrifice, being an outstanding representative of our specialty and department, your camaraderie, and most of all, your willingness to do what it takes to care for patients safely while balancing all the other needs of our department and institution...

Continue Page 3
Congratulations to Dr. Brittney Williams, Assistant Professor, Division of Cardiothoracic Anesthesiology, for her Mentored Clinical Scientist Research Career Development Award. Her project, titled "Role of miRNA-TLR7 Signaling in Platelet Activation and Dysfunction in Sepsis," was funded by the NIH National Heart, Lung, and Blood Institute (NHLBI). Dr. Williams stated she was very pleased with the new NIH support and that Dr. Williams has strong interests in how the innate immune system interacts with coagulation in health and disease. Innate immune activation and coagulation have long been linked during systemic inflammatory conditions such as sepsis, trauma, and extracorporeal circulation. Over the next 3–5 years, this project will focus on delineating platelet signaling pathways involved in immune-mediated thrombotic complications in sepsis, and more specifically, innate immune activation in platelet dysfunction during sepsis and the role of plasma extracellular vesicles in driving coagulation responses. As a cardiac anesthesiologist, Dr. Williams is particularly interested in translating the findings from this project to future applications in other inflammatory conditions with thrombotic complications, such as occur after hemodynamic support on cardiopulmonary bypass and other extracorporeal support systems. This project will serve as a bridge for a future NIH R-award application and further exploration into molecular mechanisms underlying immunothrombosis, discovery of associated biomarkers, and development of more targeted management strategies in patients experiencing inflammatory and thrombotic complications. 

The Mentored Clinical Scientist Research Career Development Award, commonly known as NIH K08 award, is specifically designed for clinicians who are interested in a research career. The award lasts 5 years and provides $810,000+ of total support. This is the first K08 award in the Department of Anesthesiology and another significant award for Dr. Williams after her FAER funding in the fall of 2019.
To our clinician-educators, residents, and CRNAs, please accept the department’s thanks and admiration for all that you have done for our patients and trainees.

Despite the unusual nature of the last six months, our department has maintained a strong focus on academics, scholarly activities, and research, and a focus on educating and training the next generation of anesthesiologists, nurse anesthetists, medical students, and other health care clinicians. We have pivoted quickly and effectively to virtual didactic sessions for our trainees. I am so impressed by the efforts of our education group to almost seamlessly change our teaching methods so that we can maintain our commitment to education. We feel we are the best residency in the country and these efforts to change our educational practices are another example of our excellence. I also want to recognize all the hard work and engagement of our administrative staff who have worked both from home and at work to support our faculty and mission areas.

While away from the closed laboratory, our research faculty have worked day and night and submitted a large number of grant proposals and papers. As befits a “top-10” research program, our investigators have been undeterred by the challenge of the pandemic and continued to make significant progress in extramural funding and receiving research awards. I want to recognize their outstanding efforts to elevate our research programs and their incredible scientific discoveries.

We have also focused on how we can educate ourselves about the impact of systemic racism in our society, what we can do to promote equity and diversity in all parts of our department, and how we might play a role in combatting racism and discrimination in our community. We are actively working on several initiatives to improve our efforts to be more diverse and inclusive. These efforts will require our long-term commitment and engagement to maintain a focus on improving diversity and inclusiveness, and combating racism.

We now understand that COVID-19 disease will impact our lives for months and perhaps years. After a sprint through the spring and early summer, we are now in a marathon, with many more months of social distancing and disruptions in our personal and professional lives. I am optimistic our strengths as a department will help us not only withstand this challenge but emerge from this stronger in ways we are only now beginning to appreciate. As part of this marathon, your wellness, and that of your family is of paramount importance. Please continue to be safe at work and home: wear masks, social distance, make sure you have and use your PPE at work (and let me know if there are any issues with PPE). Use your vacation and leave to ensure you have time to decompress from work, spend even more time with your friends and family, and have time to recharge your “batteries.” The department will continue to make your safety and wellness its most important priority.

It is too soon to make robust projections about our finances for this year. Our surgical and procedural volumes have returned close to but not quite back to their pre-pandemic level. We anticipated this possibility in our budget, and I am glad to say our finances are ahead of where we thought we would be at this point. We continue to aggressively advocate for and explore obtaining additional sources of funding from UMMC, the SOM, and state and federal governments. I remain optimistic that with all your help and hard work, we are going to get through the pandemic.

As I wrap up, I remind you of my mantra: “be safe, be safe, be safe.” Safety has never been more important or relevant. Thank you again for your outstanding efforts. -Dr. Peter Rock
SOAP’s 2019 Center of Excellence for Anesthesia Care of Obstetric Patients’ Designation. This four-year certification recognizes institutions and programs that meet a benchmark level of expected care meant to improve national standards and to provide a broad surrogate quality metric for institutions providing obstetric anesthesia care and their patients. The criteria for the Center of Excellence designation covers various domains, including personnel and staffing; equipment, protocols, and policies; and, simulation and team training. Click Here to visit the SOAP (Society for Obstetric Anesthesia and Perinatology) site for more information on this award.

Mary J. Njoku, MD, - Matjasko Professorship for Education in Anesthesiology, Associate Professor & Vice Chair for Education, was elected by the School of Medicine’s 2020 Graduation Class to serve as one of two Graduation Faculty Marshals. Due to the COVID-associated restrictions, the School of Medicine did not hold an in-person graduation, but recognized Dr. Njoku for her honor in the Graduation Program which was distributed to all students.

Michael Mazzeffi, MD, Associate Professor, Chief of the Division of Critical Care-Anesthesiology, was awarded a 2020 Mid-Career Grant jointly sponsored by the Society of Cardiovascular Anesthesiologists (SCA) and the International Anesthesia Research Society (IARS). The award funds $100,000 over two years, to investigators' research projects in the field of cardiothoracic and vascular anesthesia Dr. Mazzeffi research project is titled: “Von Willebrand Factor Concentrate for Treatment of Acquired Von Willebrand Syndrome During ECMO: An in vitro Dose-Finding and Efficacy Study”.

Congratulations to Junfang Wu, BM, PhD, on her promotion to Professor with Tenure.
Rodney M. Ritzel, PhD, a postdoctoral fellow in Dr. Alan Faden’s lab, was the inaugural recipient of the 2020 Michael Shipley Postdoctoral Award. This award recognizes a postdoctoral fellow who has exemplified excellence in research with an exceptional record of accomplishments. Dr. Ritzel was commended for his critical thinking and passion for continued learning in neuroscience. He will be honored at the Program in Neuroscience Retreat with the presentation of an engraved award and honorarium.

Congratulations to Kerri Lopez, MD, for receiving the US SHOCK Society Diversity Enhancement Award for her study entitled "Impact of Hypobaric Exposure on Inflammation and Organ Injury in a Non-Hemorrhagic Mouse Model of Polytrauma". Dr. Lopez, a PGY-3 surgical resident just completed her two-year research training in the Anesthesiology Translational Research Program, working on a research project funded by the US Air Force.

We’re excited to report the Department has joined Twitter. Follow us @UMD_Anesthesia for all the latest news. This is an opportunity for our department to highlight all of our accomplishments, network with other academic institutions, and to recruit residents, fellows and faculty to our Department. Questions about our account please contact Pamela Shinnick, pshinnick@som.umaryland.edu.
Our country is saddened and outraged by the senseless and tragic death of George Floyd. We mourn his death and we also mourn the deaths of Breonna Taylor, Ahmaud Arbery, Botham Jean, Sandra Bland, Freddie Gray, Tamir Rice, Michael Brown, Eric Garner, Trayvon Martin and so many others who have died as a result of systemic racism and injustice that exists in our country, including right here in our own region and in Baltimore.

There is much work to be done to address these problems. As faculty of the School of Medicine, and employees of UMMC and Midtown, we have a responsibility to be part of the solution to end systemic racism in our communities and to do more to address inequality and health disparities in the community where we work.

On Friday June 5, at 3 pm, there was moment of solidarity to affirm our commitment to addressing systemic racism. At this time, healthcare professionals across the country observed an 8 minute, 46 second moment of silence, in reflection, and as a commitment to improve the health and safety of people of color.

"WE CANNOT REST WITH THIS ONE STEP. WE MUST CREATE A DIALOGUE WITHIN OUR DEPARTMENT ON HOW WE CAN DO MORE TO ADDRESS SYSTEMIC RACISM AND HEALTH INEQUITIES"

- DR. PETER ROCK
In 1972, Jane Matjasko joined the School of Medicine faculty after serving an internship, residency and fellowship in the Department of Anesthesiology. For the next thirty-three years, Dr. Matjasko served the Department in many capacities: founding a Section of Neuroanesthesiology; as Vice-Chair; and, beginning in 1986, as interim Chair. In January, 1990, M. Jane Matjasko MD was appointed the fourth Chair of Anesthesiology in the history of University of Maryland School of Medicine. During her near two-decade stewardship, the Department grew both in the scope and complexity of its mission. The Department expanded to include approximately 100 faculty and residents, serving four different hospitals affiliated with the University of Maryland and providing expert care in all subspecialties of anesthesiology. Dr. Matjasko provided both the time and resources needed to train almost 300 residents and fellows; her name will long be synonymous with the practice of anesthesiology at the University of Maryland.

Jonathan Chow, MD, Assistant Professor, Division of Critical Care-Anesthesiology, was featured in U.S. News & World Report for working with devices that help keep health care workers safe while treating the sickest COVID-19 patients. The article focuses on how Dr. Chow and the team of 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 keystrokes on the keyboard to help examine seriously ill COVID-19 patients. Dr. Chow states: “They change the way you’re able to take care of the patient... We don’t need to bring our team of clinicians inside an air-locked room for four hours, risking exposure to the virus. It makes me a lot more confident when I come home that I won’t bring the virus home to my wife”. The robots allow Dr. Chow and his colleagues to now go into the biocontainment unit only once or twice per shift to perform procedures that the robot cannot, such as intubating a patient or providing a central vein or intra-arterial access. To read more on this article click here.

“We pay tribute to our history as a medical school by celebrating the remarkable achievements of both our women and men who preceded us,” ~Dean Reece
Each year, over six million esophagogastroduodenoscopies (EGDs) are performed in the United States, most performed under general anesthesia to provide patient amnesia and comfort, and optimal procedural conditions for the endoscopist. Anesthetic drugs depress ventilation and predispose patients to upper airway obstruction, which can cause hypoxemia and, in rare cases, brain injury or death. The current standard of care for most patients receiving general anesthesia for an advanced EGD procedure is to administer supplementary oxygen via standard nasal cannula (SNC), but high flow nasal cannula (HFNC) can provide higher oxygen flows and higher oxygen concentrations in the distal airways. A team led by Dr. Michael Mazzeffi performed a randomized controlled trial where 262 adult patients having advanced EGD were randomized to receive HFNC oxygen or SNC oxygen. The study, published in May issue of Anesthesia & Analgesia, found that HFNC oxygen reduced the incidence of hypoxemia, hazard ratio=0.59 (95% CI=0.36 to 0.95, P=0.03). There were 14 patients in the HFNC group who had multiple hypoxemia events and 21 patients in the SNC group who had multiple hypoxemia events. The study concludes that the use of HFNC oxygen in advanced EGD procedures enhances patient safety. HFNC oxygen administration did not reduce the incidence of hypercarbia or hypotension, which were secondary study outcomes.
Two articles recently published in Journal of Neuroscience provide novel insights into the mechanisms underlying neurodegeneration and cognitive dysfunction after traumatic brain injury (TBI).

Research Associate, Dr. Rebecca Henry, PhD, and her colleagues from the Research Division of the Department of Anesthesiology, found that targeting overactive immune cells in the brain with an experimental drug limited brain cell loss and reversed cognitive and motor deficit caused by TBI. The findings suggest a critical role of brain immune activation and a new target for TBI intervention. In the study, the researchers administered a CSF-1R inhibitor for one week to mice beginning one month after TBI—a time at which animals have brain inflammation and neurological deficits. They found that the drug depleted more than 95 percent of the brain’s active immune cells (microglia) that are known to cause neurotoxic inflammation. Several weeks following the treatment, the cells had regenerated, and the new cells were more similar to normal microglia, with less inflammatory features. More importantly, the mice recovered markedly better than the control group that didn’t receive treatment, showing less loss of tissue and neurons with significantly better motor and cognitive performance.

This preclinical study is of importance as it demonstrates that the therapeutic window for targeting TBI-induced neuroinflammatory responses is extended beyond what was previously suggested. This in turn may have important implications for TBI patients given the evidence of chronic microglia activation in patients who have suffered a moderate or severe traumatic brain injury. The next step is to isolate the microglia cells from the injured brain and use RNA resequencing techniques to learn more about which genes are driving inflammation and overactivation in order to better understand the mechanism identified in this study.

In a separate study also published in Journal of Neuroscience, Research Associate Dr. James Barrett, PhD, and his colleagues demonstrated that specific targeting of an inflammatory mediator led to a reduction in neurodegeneration and improved cognitive and motor capabilities in mice following TBI. The researchers found that Interferon-β, an inflammatory mediator that is classically associated with the immune response to viral infections was increased in the brains of mice following TBI. Employing a genetic mouse model which lacked Interferon-β, the researchers demonstrated that deletion of Interferon-β resulted in significant improvements in mice following TBI. Interferon-β deficient mice showed significant reductions in microglial activation, neuronal loss and improved neurological function up to 4 weeks after TBI. These findings are noteworthy because while microglial Interferon-β signaling may have specific protective roles including limiting viral infections and viral-induced neuroinflammation; these findings demonstrate that Interferon-β signaling is detrimental following TBI and contributes to long-term tissue loss and neurological decline. These findings may have implications for other neurodegenerative conditions as dysregulated IFN signaling has been associated with inflammatory responses and cognitive decline in animal models of aging and Alzheimer’s disease.

Overall, these two studies significantly add to the body of knowledge on neuroinflammatory responses following TBI which in turn may have important implications for novel therapeutic targets for TBI patients.
GRANTS

Marta Lipinski, PhD
NIH-National Institute of Neurological Disorders & Stroke
"Dysregulation of Autophagy-lysosomal Function links TBI to Late-onset Neurodegeneration"

Konstantin Birukov, MD, PhD
NIH-National Heart, Lung, and Blood Institute
"Modulation of Inflammation in Aging Lung"

Brian Polster, PhD
NIH-National Institute of Neurological Disorders & Stroke
"Reprogramming Proinflammatory Microglia by Restoring Mitochondrial Function"

Rodney Ritzel, PhD
NIH-National Institute of Neurological Disorders & Stroke
"Mechanisms of Injury-induced Senescence and Immune-sequelae in Chronic TBI"

Kenichi Tanaka, MD
Blood Samples Instrumentation Laboratory
"ROTEM sigma External Matrix Comparison Study: Venous versus Arterial Citrated Whole"

Junfang Wu, PhD
NIH-National Institute of Neurological Disorders & Stroke
"The Function and Mechanisms of Voltage-Gated Proton Channel Hv1 in Spinal Cord Injury"


---

**PRESENTATIONS**

- **Dr. Megan Anders** - was an invited speaker at FAER MSARF program on “Quality Research in Anesthesiology” (July 2020)
  - was elected to the UMMC Medical Executive Committee as a member-at-large.
  - published a new department clinical safety policy on pre-anesthesia checkout procedures.

- **Dr. Gary Fiskum** - traveled to Brazil to serve as an external scientific advisor for the “REDOXOMA” research consortium, funded by their federal government. Instituto de Química, Universidade de São Paulo. (Feb 2020)
  - was an invited speaker at the 2020 National Capital Area Traumatic Brain Injury Research Symposium at the NIH. Bethesda, MD (March 2020)


- **Dr. Martha Lipinski** - presented at Department of Anatomy and Neurobiology Virtual PIN Seminar. Baltimore, MD (April 2020)

- **Dr. Michael Mazzeffi** - was an invited speaker, Department of Anesthesiology. George Washington University School of Medicine. Washington, D.C. (Feb. 2020)

- **Dr. Jungfung Wu** - was an invited speaker, Program for Neuroscience, University of Mississippi Medical Center. Oxford, Mississippi (Feb. 2020)
Due to COVID-19, we learned that the department would need to cancel the in-person graduation, and there was an outpouring of residents and faculty who wanted to help give the 2020 graduates a proper send-off. On Sunday, June 14, 2020, the Department conducted its first virtual residency and fellowship graduation. Dr. Caron Hong, the Program Director of the Residency Program, along with the Fellowship Directors hosted a live celebration to help commend our residents and fellows as they move forward in their future medical careers.

CLASS OF 2020 RESIDENTS

**Monica Mala Banerjee, MD**  
Pediatric Anesthesiology Fellowship  
Children’s Hospital, Wilmington, DE

**Amar Harikrushna Bhavsar, MD**  
Regional and Acute Pain Medicine Fellowship  
Mount Sinai, New York, NY

**Misael del Valle, MD**  
Cardiothoracic Anesthesiology Fellowship  
University of Maryland, MD

**Marc Daryl Tan Estioko, MD**  
Pain Medicine Fellowship  
University of Maryland, MD

**Benjamin T. Fedeles, MD, Capt. USAF MC**  
Chief Resident 2019-2020*  
Critical Care Fellowship  
Vanderbilt University Medical Center, TN

**Emma Harmon, MD**  
Chief Resident 2019-2020*  
Cardiothoracic Anesthesiology Fellowship  
University of Maryland, MD

**Phayon U. Lee, MD, MEd**  
Pediatric Anesthesiology Fellowship  
Children’s National, D.C.

**Laura Libuit Webb, MD**  
Chief Resident 2019-2020*  
Cardiothoracic Anesthesiology Fellowship  
Virginia Commonwealth University, VA

**Danny Newhide, MD**  
Regional and Acute Pain Medicine Fellowship  
University of Pittsburgh Medical Center, PA

**Sabrina H. Ngo, MD**  
Private Practice California, CA

**Christine Taylor Moshe, MD**  
Regional and Acute Pain Medicine Fellowship  
University of Maryland, MD
CLASS OF 2020 FELLOWS

**Cardiothoracic Anesthesiology**

**Kanwarpal Singh Bakshi, MD**  
Pediatric Cardiothoracic Fellowship  
Children’s Hospital, Los Angeles, CA

**Ross O. Carpenter, MD.**  
Academic Practice, University of Maryland, MD

**Steven Paul Miller, MD**  
Private Practice Advocate Aurora Medical Group  
St. Luke’s Hospital, Milwaukee, WI

**Regional Anesthesiology**

**Nicolas Dorsey, MD, PhD**  
Academic Practice University of Maryland, MD

**Obstetric Anesthesiology**

**Arunthevaraja Karuppiah, MD**  
Cardiothoracic Anesthesiology Fellowship  
St. Elizabeth’s Medical Center Brighton, Massachusetts, MA

**Critical Care Medicine**

**Allison Shannon Lankford, MD**  
Academic Practice Maternal Fetal Medicine  
University of Maryland, MD

**Pain Medicine**

**Justin Benoit, DO**  
Private Practice Partners Healthcare  
Massachusetts Eye and Ear, MA

**Najmeh Izadpanah, MD**  
Private Practice Medstar Shah Medical Group  
Waldorf, MD

**Laert Rusha, MD**  
Lifespan Medical Group  
Rhode Island Hospital, Providence, RI

"We wanted to make sure you realized the huge impact you had on us over the last couple of years"  
- Dr. Hong

CLICK HERE TO VIEW THE 2020 GRADUATION
2020 FELLows

CARDIOTHORACIC ANESTHESIOLOGY

Misael Del Valle, MD  
Residency: University of Maryland Medical Center

Emma Harmon, MD  
Residency: University of Maryland Medical Center

Stephen Yang, DO  
Residency: MedStar Georgetown University Hospital

CRITICAL CARE ANESTHESIOLOGY

Patrick Coleman, MD  
Residency: San Antonio Uniformed Services Health Education Consortium

OBSTETRIC ANESTHESIOLOGY

Michael Wong, MD  
Residency: Dalhousie University

PAIN MEDICINE

Adam Becker, MD  
Residency: The Johns Hopkins Hospital

Marc Daryl Estioko, MD  
Residency: University of Maryland Medical Center

Sabrina Oukil, MD  
Residency: University of California, Irvine

REGIONAL ANESTHESIOLOGY AND ACUTE PAIN MEDICINE

Christine Moshe, MD  
Residency: University of Maryland Medical Center

TRAUMA ANESTHESIOLOGY

Caleb Hodge, DO  
Residency: Geisinger Medical Center

Pg 19
CONGRATULATIONS

Elizabeth Cote' welcomed Ori Andrew Crocombe on June 10th, 2020 weighing 10 lbs and measuring 20.5 inches long.

Gelareh Vinueza, PhD, Post-Doctoral Fellow successful defended her PhD thesis on July 10, 2020.
Overview of NIH Career Development 
(K) Awards
Tuesday, October 27 • 9:00 – 10:45am (Zoom)

This session provides an overview of NIH Career Development (“K”) Awards, including the major types of awards (K99/R00, K01, K08, K23, K25). The following subjects will be covered: Components of a K award, Eligibility and competitiveness for a K award, Preliminary steps, including developing a fundable research question, identifying your mentor(s) and communicating with your Program Officer Review Criteria for a K Award Identifying non-NIH career development awards.

Target audience: UMB faculty and postdocs who are considering applying for an NIH Career Development “K” award in June or October of 2021.

Office of Research Career Development, UMSOM
Registration required:
https://registrationrcdp.eventbrite.com

Virtual Program to Help Faculty Increase Their Scholarly Writing Productivity

The Office of Research Career Development (RCD) provides a peer accountability/support program designed to increase writing productivity among UMB early stage faculty called Scholarly Writing Accountability Group (SWAG). A SWAG is an active peer-led writing group for UMB early stage faculty that meets for 1-hour, once a week over a 10-week period. The goal for SWAG members is to write with increased frequency and for shorter durations; i.e., to develop a sustainable writing habit. The SWAG program is being used at multiple major medical schools. The data which have been reported on the results of this program are very favorable, reflecting significant increases in the quantity and quality of writing by faculty participants.

For more information on our SWAG program, visit:
www.medschool.umaryland.edu/career/ScholarlyWriting-Accountability-Group-SWAG-Program

INDIVIDUAL CONSULTATIONS

GRANT APPLICATION/SUMMARY & STATEMENT CONSULTATIONS

Marey Shriver, PhD – Director for Research Career Development
Available to meet with junior faculty to discuss early project conception to development of a complete NIH application. Dr. Shriver offers consultations regarding developing a clear research question and testable hypothesis, eligibility regarding grant applications, and planning for upcoming grant proposal. In addition, she is available to discuss strategies for addressing summary statements and revising research grant applications for resubmission. Dr. Shriver at mshriver@som.umaryland.edu

FUNDING SOURCE CONSULTATIONS

Stacie Mendoza – Program Director for Research Career Development
Assists junior faculty and postdocs with identifying sources of funding for their research. To schedule a funding consultation, complete the Funding Search Request Form online. Mrs. Mendoza at smendoza@som.umaryland.edu

OFFICE FOR RESEARCH CAREER DEVELOPMENT

685 W. Baltimore Street, MSTF 3-19 Baltimore, MD 21201
Phone: 410-706-5434 http://www.medschool.umaryland.edu/career/
Up Coming Events

Dates are subject to change.

**Annual Meetings**

**January 31 - February 3, 2021**
Virtual Event
https://www.sccm.org/Education-Center/Annual-Congress

**April 24-27, 2021**
Quebec, Canada
https://www.scahq.org/education/meetings-and-events/annual-meetings-workshops/

**May 12-16, 2021**
New Orleans, LA
https://soap.org/meetings/2021-soap-annual-meeting/

**May 13-17, 2021**
Toronto, Canada
https://meetings.iars.org

**May 14-19, 2021**
San Diego, CA
https://conference.thoracic.org/attendees/future-conferences/

**June 5-8, 2021**
Portland, OR
https://www.shocksociety.org/future-meetings

**October 9-13, 2021**
San Diego, CA
https://www.asahq.org/annualmeeting/attend/futuredates

**November 13-15, 2021**
Boston, MA
https://exhibitatsessions.org/scientific-sessions/future-meetings
October 2020

10/1: Helrich/ Matjasko Lecture, Grand Rounds: Guest Speaker: Dr. Steven Shaffer “Propofol: Murder, Mayhem, Mercy”

10/8: Divisions Meetings / Residents Meeting / CRNAs Meeting

10/15: Presentations
   -6:30 a.m. Dr. James Kahn: Resident Presentation
   -7:00 a.m. Dr. Seung Choi: Resident Presentation
   -7:30 a.m. Dr. Ashlee Gourdine: Resident Presentation

10/22: Dr. Peter Rock: State of the Department

10/29: Dr. Megan Anders: Morbidity, Mortality and Clinical Quality Conference

November 2020

11/5: Dr. Charles Callahan: Structural Racism in Baltimore and the Impact on Health Outcomes

11/12: Divisions Meetings / Residents Meeting / CRNAs Meeting

11/19: Dr. Megan Anders: Morbidity, Mortality and Clinical Quality Conference

11/26: Thanksgiving

Newsletter Submissions Welcomed!

Please send via email to newsletter@som.umaryland.edu

We would like for everyone to use the newsletter as an opportunity to celebrate our successes. Take a moment to congratulate one another for our accomplishments.

Department of Anesthesiology

22 S. Greene St. S-11
Baltimore, MD. 21201
Phone: 410-328-9461
Web: medschool.umaryland.edu/anesthesiology
Fax: 410-328-5531

For Detailed information about the pictures posted please visit: https://www.medschool.umaryland.edu/Anesthesiology/About-Us/Department-Events/2020/