

ANESTHESIOLOGY[®] 2019

OCTOBER 19-23 | ORLANDO

American Society of
Anesthesiologists[®] 

ASA AND RELATED MEETINGS COMPANION

DEPARTMENT OF ANESTHESIOLOGY

VANDERBILT  UNIVERSITY

MEDICAL CENTER



ALL EVENTS ARE AT THE
ORANGE COUNTY CONVENTION CENTER, 9800 INTERNATIONAL DRIVE,
UNLESS OTHERWISE NOTED



Congratulations to this year's 2019 ASA participants! Herein, we have compiled a guide to Vanderbilt's activities at the ANESTHESIOLOGY® 2019 annual meeting. To the many contributing Vanderbilt University Medical Center faculty, CRNAs, residents, fellows and staff, whether you're here at the meeting or on campus in Nashville tending our fundamental clinical mission, Thank you.

The ANESTHESIOLOGY® 2019 annual meeting provides us the unique opportunity to learn about and, of course, present cutting edge technology and research in every area of our specialty. I encourage you to network with national and international colleagues as you participate in the scientific and educational sessions. It is through collaboration that we attain the highest levels of success in our rapidly evolving field.

To those of you who are fortunate enough to attend the meeting, enjoy the time in Orlando. I hope you will find the presentations motivating and inspiring as you embark upon new ideas in research, education and perioperative care. And remember to express your sincere thanks to the dedicated members of the department who make our participation in such meetings possible.

Warren S. Sandberg, MD, PhD
Chair, Department of Anesthesiology, Vanderbilt University Medical Center
Chief of Staff, Perioperative and Critical Care Services, Vanderbilt University Adult Hospital
Professor of Anesthesiology, Surgery and Biomedical Informatics, Vanderbilt University School of Medicine

Related Meetings/Events

Society for Pediatric Anesthesia
October 18 | 10:30 a.m. - 12:00 p.m.
Orange Ballroom D, Hilton, Orlando
Session II:
May I Have Your Attention Please?
Moderator: Srijaya Reddy, MD, MBA

Society of Anesthesia
and Sleep Medicine
October 18 | 10:15 a.m. - 10:35 a.m.
Hilton, Orlando
Top 5 Technologies in 2019 -
Sleep & Anesthesia
Jonathan Wanderer, MD, MPhil

Society of Anesthesia
and Sleep Medicine
October 18 | 3:15 p.m. - 3:35 p.m.
Hilton, Orlando
Gabapentin: ERAS Darling with a Dark
Side: Do Associated Respiratory Depression
Deaths Warrant Pathway Caution?
Michael Pilla, MD

Meet and Greet: Residency and Fellowship Programs
Saturday, October 19, 2019
3:00 pm - 5:30 pm
Orange County Convention Center
WA1

Medically Challenging Cases: *Management of an ABO-Incompatible Transfusion*

10:40 a.m. - 10:50 a.m. | WA2 | Lauren-Nicole Geib, MD

Medically Challenging Cases: *A Complication of Systemic Anticoagulation for ECMO*

10:40 a.m. - 10:50 a.m. | WA2 | Rebekka Geldbart, MD, Arna Banerjee, MBBS

Medically Challenging Cases: *A Complication of Systemic Anticoagulation for ECMO*

10:50 a.m. - 11:00 a.m. | WA2 | Rebekka Geldbart, MD, Arna Banerjee, MBBS

Medically Challenging Cases: *Thoracic Epidural Catheter Removal in a Patient with Coagulopathy After Extended Right Hepatectomy*

11:10 a.m. - 11:20 a.m. | WA2 | Kathleen Rissi, DO, Merrick Miles, MD

Medically Challenging Cases: *Propofol Induced Cloudy Urine*

11:30 a.m. - 11:40 a.m. | WA2 | Melissa McKittrick, MD

Medically Challenging Cases: *A Case of Periodic Hypokalemic Paralysis Following Epidural Steroid Injection*

11:40 a.m. - 11:50 a.m. | WA2 | Alex Baumgarten, MD

Medically Challenging Cases: *Management of Recurrent Sepsis Secondary to Persistent Bowel Leak After Late Diagnosis and Resection of a Well Differentiated Neuroendocrine Tumor*

11:50 a.m. - 12:00 p.m. | WA2 | Claire Spradling, MD, Monica Bhutiani, MD, MEd, Arna Banerjee, MBBS

Special Meetings and Events: *Infant Delirium: Validation of a Bedside Tool and Meeting Challenges in Diagnosis*

1:00 p.m. - 3:00 p.m. | W300 | Heidi Smith, MD, MSCI, Pratik Pandharipande, MD, MSCI

60 Minute Panel: *Management of Intraocular Pressure*

1:30 p.m. - 2:30 p.m. | W3110AB | Alexander Moore, MD

Medically Challenging Cases: *Untreated Systemic Lupus Erythematosus: Implications of End Stage Renal Disease in Pregnancy on Anesthetic Management*

2:10 p.m. - 2:20 p.m. | WA2 | Riley Landreth, DO, Jeanette Bauchat, MD, MS

Medically Challenging Cases: *Case Canceled: Ethical Considerations of Patients Declining Delayed Hysterectomy After Invasive Placentation is Left In Situ Following Their Cesarean Delivery for Placenta Percreta*

2:20 p.m. - 2:30 p.m. | WA2 | Riley Landreth, DO, Britany Raymond, MD, Jeanette Bauchat, MD, MS

Medically Challenging Cases: *Thoracic Epidural Catheter Management in Immunosuppressed Patient Requiring Extracorporeal Membrane Oxygenation*

2:30 p.m. - 2:40 p.m. | WA2 | Alyssa Streff, MD, C. Patrick Henson, DO

Medically Challenging Cases: *Careful Consideration of Cesarean Delivery in a Mother with Chronic Thromboembolic Pulmonary Hypertension and Opioid Dependence*

2:40 p.m. - 2:50 p.m. | WA2 | Chris Lensing, MD, MBA, Ray Paschall, MD, Laura Sorabella, MD, Tate Andres Wolfe, MD

Subspecialty Panels: *Describe the Regional and Multimodal Pain Management Strategies to Facilitate Same-day Ambulatory Total Joint Replacement Surgery*

2:45 p.m. - 4:45 p.m. | W304AB | Rajnish Gupta, MD

Subspecialty Panels: *Entrepreneurship: Taking Technology to the Market*

2:45 p.m. - 4:45 p.m. | W311ABCD | Mark Rice, MD

Resident and Fellow Sessions: *Resident and Fellow Open House*

3:00 p.m. - 5:30 p.m. | WA1 | Lead Speaker: Calvin Gruss, MD

Oral Presentations: *Obstetric Anesthesia and Perinatology I*

3:00 p.m. - 4:30 p.m. | W312AB | Moderator: Jeanette Bauchat, MD, MS

Saturday, October 19 (continued)

Medically Challenging Cases: *Minimizing Hereditary Angioedema Triggers in a Grand Multipara with Multiple Co-morbidities*

3:20 p.m. - 3:30 p.m. | WA2 | Katherine Williams, DO

Medically Challenging Cases: *Preparing for Bloodless Surgery in a High Risk Obstetric Patient*

3:20 p.m. - 3:30 p.m. | WA2 | Lucille Brunner, MD, Susan Dumas, MD

Medically Challenging Cases: *Intracranial Hypertension and Preeclampsia with Severe Features in the Third Trimester*

3:50 p.m. - 4:00 p.m. | WA2 | Tate Andres Wolfe, MD, Maryann Otto, MD, Curtis Baysinger, MD

Sunday, October 20

Medically Challenging Cases: *Acute on Chronic, Combined Systolic and Diastolic Heart Failure in Pre-term Multiparous Women*

7:30 a.m. - 7:40 a.m. | WA2 | James Martin, MD, Dianne Lou, MD, PhD, Laura Sorabella, MD

Medically Challenging Cases: *Castor Oil Overdose: A Misadventure in DIC*

7:40 a.m. - 7:50 a.m. | WA2 | Simon Martin, MD, Laura Sorabella, MD

Featured Abstracts: *Infant Delirium: Validation of a Bedside Tool and Meeting Challenges in Diagnosis*

8:00 a.m. - 9:30 a.m. | W206ABC | Pratik Pandharipande, MD, MSCI

Hands-on Workshop: *Faculty: Regional Anesthesia and Analgesia Techniques for Rib Fractures*

8:00 a.m. - 9:30 a.m. | W209ABC | Brian Allen, MD

Medically Challenging Cases: *Massive Coronary Artery Aneurysm in Saphenous Vein Graft*

8:10 a.m. - 8:20 a.m. | WA2 | Simon Martin, MD, Ryan Lefevre, MD, Bantayehu Sileshi, MD

Medically Challenging Cases: *An Approach to Awake Fiberoptic Intubation in a Known Difficult Airway: Transtracheal Injection with Conscious Sedation*

8:30 a.m. - 8:40 a.m. | WA2 | Alexander George, MD, MBA, Laura Sorabella, MD

Medically Challenging Cases: *Severe Urosepsis Complicated by Disseminated Intravascular Coagulation and Bilateral Adrenal Infarction*

8:40 a.m. - 8:50 a.m. | WA2 | Alexander Kieber, MD, Monica Bhutiani, MD, MEd, Arna Banerjee, MBBS

Medically Challenging Cases: *Missed Connections: Repairing Esophageal Atresia in a 3-month-old with Multiple Comorbidities*

8:50 a.m. - 9:00 a.m. | WA2 | Bethany Morris, MD, Carrie Menser, MD

Medically Challenging Cases: *Use of Volumetric Diffusive Respiratory Ventilator in an Acute Myasthenia Gravis Exacerbation*

9:00 a.m. - 9:10 a.m. | WA2 | Sung Kim, MD, Christopher Hughes, MD

Hands-on Workshop: *Perioperative Point of Care Ultrasound*

9:00 a.m. - 12:00 p.m. | W205ABC | Faculty: Antonio Hernandez, MD

Hands-on Workshop: *Perioperative ACLS Simulation Workshop (A-ACLS)*

9:00 a.m. - 12:00 p.m. | W208ABC | Moderator: Arna Banerjee, MBBS

Hands-on Workshop: *Perioperative ACLS Simulation Workshop (A-ACLS)*

9:00 a.m. - 12:00 p.m. | W208ABC | Jeanette Bauchat, MD, MS, Brian Gelfand, MD, Jenna Sobey, MD, Douglas Hester, MD, Tracy McGrane, MD, MPH, Nathan Ashby, MD

Sunday, October 20 (continued)

Medically Challenging Cases: *Airway Management for a Patient in Acute Respiratory Distress with an Obstructive Subglottic Mass of Unknown Anatomy*

9:10 a.m. - 9:20 a.m. | WA2 | Andreas Plackis, MD, Ryan Smith, MD

eAbstracts: *Effects of Neurologic Injury on Delirium Duration and Hospital and ICU Length of Stay*

9:15 a.m. - 9:45 a.m. | WA2 - Area B | Pratik Pandharipande, MD, MSCI, Heidi Smith, MD, MSCI

60 Minute Panel: *Delirium during Critical Illness and Outcomes*

9:15 a.m. - 10:15 a.m. | W415B Valencia | Christopher Hughes, MD

Problem Based Learning Discussions: *It's Just a Cataract: How a Simple Thing Can Go Bad*

9:15 a.m. - 10:15 a.m. | W207BC | Michael Pilla, MD

Special Lecture: *Burnout and Wellness*

9:15 a.m. - 10:15 a.m. | TBA | Matthew Weinger, MD

Medically Challenging Cases: *Management of a 30 Week Parturient with Lower Extremity Necrotizing Fasciitis*

9:20 a.m. - 9:30 a.m. | WA2 | Matt Zapf, MD, Britany Raymond, MD, Laura Sorabella, MD, Jeanette Bauchat, MD, MS, M. James Lozada, DO

Resident and Fellow Sessions: *Resident Component House of Delegates Meeting and Educational Session*

9:30 a.m. - 12:00 p.m. | W104AB | Lead Speaker: Calvin Gruss, MD

Hands-on Workshop: *Regional Anesthesia and Analgesia Techniques for Rib Fractures*

10:15 a.m. - 11:45 a.m. | W209ABC | Faculty: Brian Allen, MD

eAbstracts: *Information Management and Database Research*

10:15 a.m. - 12:15 p.m. | WA2 - Area D | Moderator: Jonathan Wanderer, MD, MPhil

Medically Challenging Cases: *Diagnosis and Management of Malignant Hyperthermia Post Cardiac Surgery in the Intensive Care Unit*

10:20 a.m. - 10:30 a.m. | WA2 | Atish Patel, MD, Kevin Furman, DO, Christopher Hughes, MD

60 Minute Panel: *Medical Treatments in Gender-affirming Care; Best Practices When Caring for Transgender Patients*

10:30 a.m. - 11:30 a.m. | W311GH | Jesse Ehrenfeld, MD, MPH

Medically Challenging Cases: *Osteogenesis Imperfecta*

10:50 a.m. - 11:00 a.m. | WA2 | Jesse Ream, MD, Laura Sorabella, MD

Medically Challenging Cases: *How Impossible Is Impossible?*

11:00 a.m. - 11:10 a.m. | WA2 | Anna Hartzog, MD, Paul St. Jacques, MD

Medically Challenging Cases: *Propofol-Induced Cloudy Urine*

11:30 a.m. - 11:40 p.m. | WA2 | Melissa McKittrick, MD

Medically Challenging Cases: *Clogged Bacterial Filters in Circuit Resulting in Difficult Ventilation*

11:40 a.m. - 11:50 a.m. | WA2 | Amanda Bennett, MD, Michael Pilla, MD

Medically Challenging Cases: *Pregnancy After Peripartum Cardiomyopathy with Ejection Fraction of 10%*

11:50 a.m. - 12:00 p.m. | WA2 | Daniella DiNizo, MD, MPH, Clayne Benson, MD, Ryan Lefevre, MD

Featured Abstracts: *The Effect of Adding Goal-directed Hemodynamic Management for All Patients in a Mature Enhanced Recovery Program for Colorectal Surgery*

1:00 p.m. - 2:30 p.m. | W206ABC | Matthew McEvoy, MD, Jonathan Wanderer, MD, MPhil, Warren S. Sandberg, MD, PhD

Hands-on Workshop: *Perioperative ACLS Simulation Workshop (A-ACLS)*

1:15 p.m. - 4:15 p.m. | W208ABC | Moderator: Arna Banerjee, MBBS

Sunday, October 20 (continued)



2019 ASA Alumni Reception

Sunday, Oct. 20, 2019
6pm to 9pm
Hilton Orlando | Destination Deck
6001 Destination Parkway 32819

DEPARTMENT OF ANESTHESIOLOGY
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MEDICAL CENTER

Hands-on Workshop: *Perioperative ACLS Simulation Workshop (A-ACLS)*

1:15 p.m. - 4:15 p.m. | W208ABC | Jeanette Bauchat, MD, MS, Brian Gelfand, MD, Jenna Sobey, MD, Douglas Hester, MD, Tracy McGrane, MD, MPH, Nathan Ashby, MD

Medically Challenging Cases: *Anesthetic Management of a Pediatric Patient with Harlequin Ichthyosis*

1:20 p.m. - 1:30 p.m. | WA2 | Alexa Ron, MD, Amanda Lorinc, MD, Camila Walters, MD

Medically Challenging Cases: *Pulmonary Embolism Requiring ECMO and Plastic Bronchitis Following Right Hepatic Trisegmentectomy*

1:30 p.m. - 1:40 p.m. | WA2 | Monica Bhutiani, MD, MEd, Arna Banerjee, MBBS

60 Minute Panel: *Critical Illness Survivorship*

2:45 p.m. - 3:45 p.m. | W307ABCD | Christopher Hughes, MD

60 Minute Panel: *Functional Impairment and Disability*

2:45 p.m. - 3:45 p.m. | W307ABCD | Kimberly Rengel, MD

Sunday, October 20 (continued)

60 Minute Panel: *Chronic Pain and Depression*

2:45 p.m. - 3:45 p.m. | W307ABCD | Christina Hayhurst, MD

Problem Based Learning Discussions: *Is My Patient Suitable for Ambulatory Outpatient Shoulder Surgery? How to Balance Morbid Obesity, Obstructive Sleep Apnea, Diabetes, and Opiates in the Ambulatory Surgical Patient*

3:45 p.m. - 4:45 p.m. | W207BC | Michael Pilla, MD

Medically Challenging Cases: *Intraoperative Presentation of Acute Supraventricular Tachycardia with Concerning Features of ST Elevation*

3:50 p.m. - 4:00 p.m. | WA2 | Ethan Young, MD, Britany Raymond, MD, Laura Sorabella, MD

Medically Challenging Cases: *Intraoperative Management and Complications of TAVR During Orthotopic Liver Transplantation*

4:10 p.m. - 4:20 p.m. | WA2 | Kirsten Lee, MD, Matthew McEvoy, MD

Monday, October 21

Hands-on Workshop: *Ultrasound-guided Regional Anesthesia & Clinical Skills Workshop: Introduction to Upper & Lower Extremity URGA for Beginners*

9:00 a.m. - 12:00 p.m. | W205ABC | Uma Shastri, MD

Interactive Tutorial: *Graphics to Explore Large Anesthesia Data Sets and Your Practice Performance*

9:00 a.m. - 12:00 p.m. | W208ABC | Jonathan Wanderer, MD, MPhil

Point-Counterpoint: *All Electrophysiology Cases Should Be Done by the Cardiac Anesthesiologist*

9:30 a.m. - 10:30 a.m. | W304AB | Miklos Kertai, MD, PhD

60 Minute Panel: *Perioperative Management of Acute Spinal Cord Injury*

9:30 a.m. - 10:30 a.m. | W303ABC | Letha Mathews, MBBS

60 Minute Refresher Course Lecture: *Updates for the Prevention and Management of Acute Postoperative Brain Dysfunction*

9:30 a.m. - 10:45 a.m. | W311ABCD | Moderator: Christopher Hughes, MD

eAbstracts: *Equipment, Monitoring and Engineering Technology II*

9:30 a.m. - 11:30 a.m. | WA2 - Area A | Moderator: Mark Rice, MD

Medically Challenging Cases: *Emergency Exploratory Laparotomy Following LVAD Implant*

10:30 a.m. - 10:40 a.m. | WA2 | Bennett Roman, MD, James Blair, DO

Medically Challenging Cases: *Case Report: Substitution of Intrathecal Pump Opioid for Clonidine in End-stage Adenoid Cystic Carcinoma*

11:20 a.m. - 11:30 a.m. | WA2 | Claire Spradling, MD, Atish Patel, MD, Lorenzo Hughes, MD, David A. Edwards, MD, PhD

Committee and Editorial Board Meetings

12:30 p.m. - 2:30 p.m. | Hyatt Regency Orlando-Celebration 1 | Lead Speaker: Brian Rothman, MD

Medically Challenging Cases: *Anesthesia for Emergent Neurosurgery in the Parturient*

1:10 p.m. - 1:20 p.m. | WA2 | Letha Mathews, MBBS

Problem-Based Learning Discussions: *Is My Patient Suitable for Ambulatory Outpatient Shoulder Surgery? How to Balance Morbid Obesity, Obstructive Sleep Apnea, Diabetes, and Opiates in the Ambulatory Surgical Patient*

1:15 p.m. - 2:15 p.m. | W207BC | Michael Pilla, MD

Monday, October 21 (continued)

Hands-on Workshop: *Ultrasound-Guided PEC1, PEC2, and Serratus Anterior Blocks*

1:15 p.m. - 2:45 p.m. | W205ABC | Brian Allen, MD

Medically Challenging Cases: *Takotsubo Cardiomyopathy Following Orthotopic Liver Transplant*

1:30 p.m. - 1:40 p.m. | WA2 | Andreas Plackis, MD, Kimberly Rengel, MD, Pratik Pandharipande, MD, MSCI

Medically Challenging Cases: *Orthotopic Liver Transplant with Profound Vasoplegia Requiring Portal-venous Bypass, Continuous Renal Replacement Therapy, and Pericardial Window Placement*

1:40 p.m. - 1:50 p.m. | WA2 | Christopher Tufts, MD, Kara Siegrist, MD

Medically Challenging Cases: *Intraoperative Management of Bronchospasm Resistant to Multiple Therapies*

1:50 p.m. - 2:00 p.m. | WA2 | Christopher Tufts, MD, Michael Higgins, MD, MPH

Medically Challenging Cases: *A Routine Adenotonsillectomy Complicated by Severe Anaphylaxis in a Child with an Unknown Diagnosis of Anhidrosis*

2:40 p.m. - 2:50 p.m. | WA2 | Amy Zhang, MD, Amanda Lorinc, MD, Jaime Llobet, MD, Srijaya Reddy, MD, MBA

Oral Presentations: *The Effect of Adding Goal-directed Hemodynamic Management for All Patients in a Mature Enhanced Recovery Program for Colorectal Surgery*

3:15 p.m. - 4:45 p.m. | W300 | Matthew McEvoy, MD, Jonathan Wanderer, MD, MPhil, Warren S. Sandberg, MD, PhD

Hands-on Workshop: *Ultrasound-Guided PEC1, PEC2, and Serratus Anterior Blocks*

3:30 p.m. - 5:00 p.m. | W205ABC | Brian Allen, MD

60 Minute Panel: *Creating and Running an Innovative Perioperative Consult Service and How Fellowships in Perioperative Medicine Help Fill the Educational Need*

3:45 p.m. - 4:45 p.m. | W314AB | Matthew McEvoy, MD

Medically Challenging Cases: *Pulmonary Edema in a Patient with Left Ventricular Outflow Obstruction After Receiving Pulmonary Vasodilators*

4:20 p.m. - 4:30 p.m. | WA2 | Caroline Ruminski, MD

eAbstracts: *I Read, Therefore I Am: Examining Non-medical Reading and Its Relationship to Empathy in Anesthesia Training*

4:30 p.m. - 5:00 p.m. | WA2 - Area A | M. James Lozada, DO

Tuesday, October 22

Clinical Forum: *Noncardiac Surgery in Patients with Asymptomatic Aortic Stenosis or Mitral Regurgitation*

7:45 a.m. - 8:45 a.m. | W310AB | Moderator: Miklos Kertai, MD, PhD

Problem-Based Learning Discussions: *It's Just a Cataract: How a Simple Thing Can Go Bad*

7:45 a.m. - 8:45 a.m. | W207BC | Michael Pilla, MD

Abstract Group Discussions: *History and Education II*

1:00 p.m. - 2:30 p.m. | W312C | Abstract Moderator: Amy Robertson, MD

Abstract Group Discussions: *Experimental Circulation II*

3:00 p.m. - 4:30 p.m. | W312AB | Abstract Moderator: Matthias Riess, MD, PhD

60 Minute Panel: *Use of Tranexamic Acid in Patient with History of Hypercoagulability*

3:30 p.m. - 4:30 p.m. | W303ABC | Brian Allen, MD

60 Minute Panel: *Perioperative Considerations for Patients with Valvular Disease*

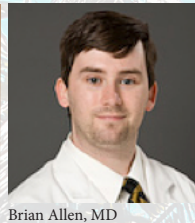
3:30 p.m. - 4:30 p.m. | W311GH | Miklos Kertai, MD, PhD

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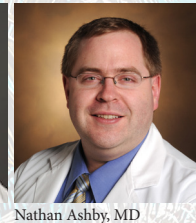
2019 Participants



Warren S. Sandberg, MD, PhD
Chair,
Department of Anesthesiology



Brian Allen, MD



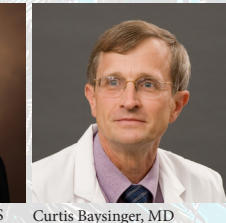
Nathan Ashby, MD



Arna Banerjee, MBBS



Jeanette Bauchat, MD, MS



Curtis Baysinger, MD



Clayne Benson, MD



James Blair, DO



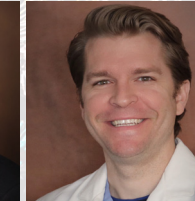
Susan Dumas, MD



David A. Edwards, MD, PhD



Jesse Ehrenfeld, MD, MPH



Kevin Furman, DO



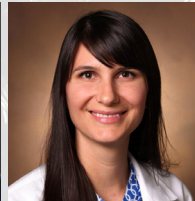
Brian Gelfand, MD



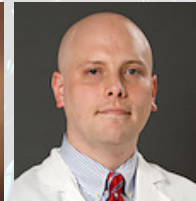
Calvin Gruss, MD



Rajnish Gupta, MD



Christina Hayhurst, MD



C. Patrick Henson, DO



Antonio Hernandez, MD



Douglas Hester, MD



Michael Higgins, MD, MPH



Christopher Hughes, MD



Lorenzo Hughes, MD



Miklos Kertai, MD, PhD



Ryan Lefevre, MD



Jaime Llobet, MD



Amanda Lorinc, MD



M. James Lozada, DO



Letha Mathews, MBBS



Matthew McEvoy, MD



Tracy McGrane, MD, MPH



Carrie Menser, MD



Merrick Miles, MD



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Ray Paschall, MD



Michael Pilla, MD



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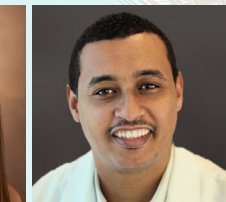
Paul St. Jacques, MD



Uma Shastri, MD



Kara Siegrist, MD



Bantayehu Sileshi, MD



Heidi Smith, MD, MSCI



Ryan Smith, MD



Jenna Sobey, MD



Laura Sorabella, MD



Camila Walters, MD



Jonathan Wanderer, MD, MPhil



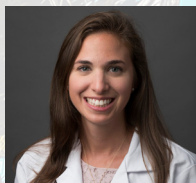
Matthew Weinger, MD

Fellow

Residents



Kirsten Lee, MD



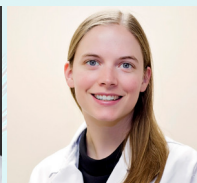
Alex Baumgarten, MD



Amanda Bennett, MD



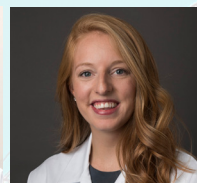
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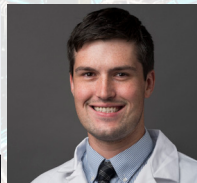
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Alexander George, MD, MBA



Anna Hartzog, MD



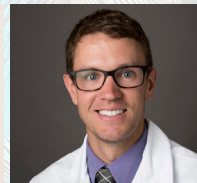
Alexander Kieber, MD



Sung Kim, MD



Riley Landreth, DO



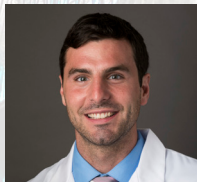
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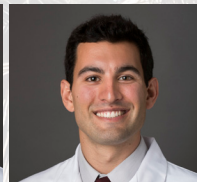
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Andreas Plackis, MD



Jesse Ream, MD



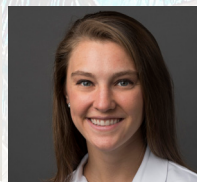
Kathleen Rissi, DO



Bennett Roman, MD, MBA



Alexa Ron, MD



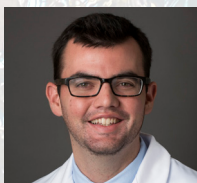
Caroline Ruminski, MD



Claire Spradling, MD



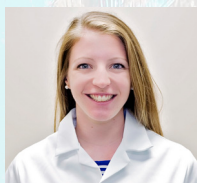
Alyssa Streff, MD



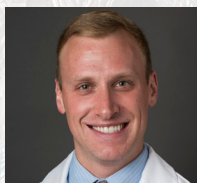
Chris Tufts, MD



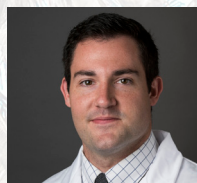
Katherine Williams, DO



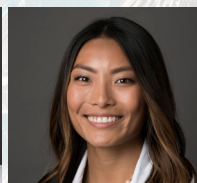
Tate Andres Wolfe, MD



Ethan Young, MD



Matt Zapf, MD



Amy Zhang, MD

DEPARTMENT OF ANESTHESIOLOGY

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Academic Excellence in Action

This guide represents our department's contribution of over 85 activities at the 2019 ASA and related meetings, including:

41 Medically Challenging Cases
12 Panels
11 Hands-on Workshops
8 Abstracts/Discussions
4 Problem Based Learning Discussions
2 Resident and Fellow Sessions
2 Oral Presentations

1 Refresher Course
1 Special Lecture
1 Special Meeting and Event
1 Interactive Tutorial
1 Point-Counterpoint
1 Committee and Editorial Board Meeting
1 Clinical Forum