

ANESTHESIOLOGY AND CRITICAL CARE RESEARCH IN PROGRESS SEMINARS ACADEMIC YEAR 2022-2021		
DATE	SPEAKER	TITLE
9/17/2020	Huafeng Wei, M.D., Ph.D. Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	“Airway Management in COVID-19 Patients.”
9/24/2020	Krzysztof Laudanski, M.D., Ph.D. Assistant Professor Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania	“A persistence of abnormal immune activation in some patient after elective heart surgery.”
10/15/2020	Meghan Lane-Fall, MD, MSHP, FCCM Vice Chair of Inclusion, Diversity, and Equity, Anesthesiology and Critical Care Associate Professor of Anesthesiology and Critical Care & Epidemiology Perelman School of Medicine University of Pennsylvania	“Handoffs and Transitions in Critical Care – Understanding Scalability.”
11/5/2020	Emily Mackay, D.O., MS Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	“Repeatability, Reproducibility, and Efficacy Testing of Automated Hemodynamic Output by Transthoracic Echocardiography: A Pilot, Proof of Concept Study.”
11/12/2020	JAMES E ECKENHOFF LECTURESHIP Lee A. Fleisher, M.D., FACC Professor of Anesthesiology & Critical Care Professor of Medicine Senior Fellow, Leonard Davis Institute of Health Economics Perelman School of Medicine University of Pennsylvania	“From Data to Policy: My Thirty Year Journey.”
11/12/2020	Nadia Lunardi, M.D., Ph.D. Associate Professor Department of Anesthesiology Critical Care Anesthesia University of Virginia	“Development and Validation of a New Mouse Model of ICU Delirium.”
12/3/2020	Alparslan Turan, M.D. Professor and Vice-Chair Department of Outcomes Research Department of Anesthesiology Cleveland Clinic, OH	“EXPLANE Trial Results and Other Multicenter Trials Finalized.”
12/10/2020	Victoria M. Bedell, M.D., Ph.D. Instructor Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania	“Exploring the Genes and Neural Pathways Required for Drug-Induced Unconsciousness.”

12/17/2020	<p>Jiabin (JB) Liu, MD, PhD Associate Attending Anesthesiologist Department of Anesthesiology, Critical Care & Pain Management Hospital for Special Surgery Clinical Associate Professor of Anesthesiology Weill Cornell Medical College</p>	<p>“Machine Learning in Predicting Ambulatory Arthroplasty.”</p>
1/21/2021	<p>Krzysztof Laudanski, M.D., Ph.D. Assistant Professor Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania</p>	<p>“Utilizing Artificial Learning Algorithm to Increase Safety, Precision and Efficiency of ICU Care Delivery.”</p>
1/28/2021	<p>Kristin Schreiber, M.D., Ph.D. Associate Professor Harvard Medical School Associate Vice Chair of Research Department of Anesthesiology, Perioperative, and Pain Medicine Brigham & Women’s Hospital</p>	<p>“Taking Pain Personally: Using Individual Biopsychosocial Variation to Understand and Predict Pain.”</p>
2/4/2021	<p>Shravani Durbhakula, M.D. Assistant Professor Pain Medicine & Anesthesiology Johns Hopkins University</p>	<p>“Innovation in Pain Education Curriculum Design and Implementation.”</p>
2/11/2021	<p>Adam Hines, PhD van Swinderen Lab Queensland Brain Institute The University of Queensland</p>	<p>“Imaging Single Molecules in the Brains of Drosophila to Resolve Pre-Synaptic Targets of General Anaesthesia.”</p>
2/25/2021	<p>Yiyang (Laura) Zhang, MD, PhD Assistant Professor of Anesthesia Department of Anesthesia, Critical Care and Pain Medicine Massachusetts General Hospital Harvard Medical School</p>	<p>“Microbiome Dysbiosis and Postoperative Delirium Pathogenesis.”</p>
3/4/2021	<p>Emily A. Vail, MD MSc Assistant Professor Anesthesiology and Critical Care Hospital of the University of Pennsylvania</p>	<p>“Characterizing Anesthetic Care for Organ Donors.”</p>
3/11/2021	<p>Antonio Hernandez, M.D., MSCI Associate Professor Anesthesiology Critical Care Medicine, Cardiothoracic Anesthesiology Vanderbilt University Medical Center</p>	<p>“The Role of Synthetic TLR4 Agonists in Perioperative & Critical Care Medicine.”</p>

3/18/2021	<p>Seema Bhatnagar, Ph.D. Professor of Anesthesiology and Critical Care Department of Anesthesiology and Critical Care Medicine Children's Hospital of Philadelphia</p>	<p>“Neuroinflammatory Processes Underlying Resilience and Vulnerability in an Animal Model of Social Stress.”</p>
4/1/2021	<p>Connor Brennan Graduate Student Alexander Proekt, MD, PhD - Lab Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania Brennan</p>	<p>“LOOPER: Modeling Neuronal Dynamics.”</p>
4/8/2021	<p>See Wan Tham M.B.B.S Assistant Professor Department of Anesthesiology and Pain Medicine University of Washington School of Medicine & Seattle Children's Hospital</p>	<p>“The Nexus Between Sleep and Pain.”</p>
4/22/2021	<p>Nafiseh S. Warner, M.D. Assistant Professor of Anesthesiology Division of Pain Medicine Mayo Clinic Rochester, Minnesota</p>	<p>“Perioperative Opioid Prescribing: A Quantitative and Qualitative Perspective.”</p>
5/6/2021	<p>Lisa Qia Rong, M.D., MSCE, FASE Assistant Professor Cardiac Anesthesiologist Department of Anesthesiology Cardiothoracic Division Weill Cornell Medicine</p>	<p>“Use of Novel Imaging and Hemodynamic Indices to Enhance Decision-Making in Cardiac Surgery.”</p>
5/27/2021	<p>Elizabeth R. White, M.D., Ph.D. Research Fellow Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania</p>	<p>“Can a Propofol Analogue Without Anesthetic Activity be Useful?”</p>
6/10/2021	<p>Nabil Thalji, M.D., Ph.D. CA-3 Resident Robert D. Dripps Scholar Department of Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania</p>	<p>“Andexanet Alfa-Associated Heparin Resistance: Characterization and Clinical Implications.”</p>
6/17/2021	<p>Joseph Cichon, M.D., Ph.D. Dripps Research Fellow Department of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania</p>	<p>“Ketamine Dissociation Triggers a Universal Switch in Excitatory Neuronal Activity Across Neocortex.”</p>

6/24/2021	Edward R. Mariano, M.D., MAS Chief, Anesthesiology and Perioperative Care Service Veterans Affairs Palo Alto Health Care System Professor of Anesthesiology, Perioperative and Pain Medicine Stanford University School of Medicine	“Pain Trajectories in Postoperative Outcomes.”
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