

**ANESTHESIOLOGY & CRITICAL CARE  
RESEARCH IN PROGRESS SEMINAR  
ACADEMIC YEAR 2019-2020**

DATE	PRESENTER/SPEAKER	TITLE OF PRESENTATION
SEPT 5, 2019	<u>Emily Finlayson, M.D., M.S., FACS,</u> Professor of Surgery, Medicine and Health Policy; Vice Chair, Faculty Affairs and Development; Director, UCSF Center for Surgery in Older Adults (CSOA) San Francisco, CA	<b>“Surgery in Frail Older Adults: From Evidence to Action”</b>
SEPT 19, 2019	<u>Ruth Gotian</u> Chief Learning Officer, Dept of Anesthesiology, Assistant Dean for Mentoring, Weill Cornell Medicine New York, NY	<b>“How Adults Learn”</b>
OCT 3, 2019	JEE Lecture <u>Lars I Eriksson, MD, PhD, FRCA</u> Professor and Academic Chair Department of Physiology and Pharmacology Section for Anesthesiology and Intensive Care Medicine Karolinska Institutet Stockholm, Sweden	<b>“The Human Brain after Surgery: Neuroinflammation and Long-term Cognitive Changes”</b>
OCT 10, 2019	<u>Zhuohao He, Ph.D.</u> Research Associate University of Pennsylvania	<b>“Understanding Pathologic Tau Transmission in Alzheimer's Disease.”</b>
OCT 17, 2019	<u>Hailong Dong, M.D, Ph.D.,</u> Director and Professor, Department of Anesthesiology & Perioperative Medicine Xijing Hospital Adjunct Professor of Imperial College London	<b>"Anesthesia, Surgery and Alzheimer's: Hypotheses Come and Go"</b>
OCT 24, 2019	<u>Dr. Matthias Kreuzer</u> Department of Anesthesiology and Intensive Care Technical University of Munich, Germany	<b>“Perioperative EEG monitoring and outcome: opportunities and struggles.”</b>

OCT 31, 2019	<b><u>Glen N. Gaulton, Ph.D.</u></b> Vice Dean   Professor Pathology and Lab Medicine Director, Center for Global Health University of Pennsylvania Perelman School of Medicine	<b>“Biomedical Research: Ethics Overview.”</b>
NOV 7, 2019	<b><u>Helene Benveniste, MD, PhD</u></b> Professor, Department of Anesthesiology Yale School of Medicine New Haven, CT	<b>“The Glymphatic System and drivers of solute transport in the brain.”</b>
NOV 14, 2019	<b><u>Lorenzo Berra, M.D.</u></b> Associate Professor, Department of Anesthesiology, Critical Care and Pain Medicine Massachusetts General Hospital Boston, MA	<b>“Hemolysis and Nitric Oxide.”</b>
NOV 21, 2019	<b><u>Robert Schonberger, M.D.</u></b> Associate Professor, Anesthesiology Yale School of Medicine New Haven, CT	<b>"The Problem of 'Not My Problem': Can a population health approach become low hanging fruit for perioperative quality improvement?"</b>
JAN 9, 2020	<b><u>Kerry Vanderslice</u></b> Operations Manager, Anesthesiology and Critical Care Hospital of the University of Pennsylvania	<b>Anesthesia – Business Meeting</b> <b>“Top Tips on How to Successfully Navigate Workday during Applicant Review/Selection/Hire Process”</b> Oforie Murray from HR will be giving the presentation
JAN 16, 2020	<b><u>Vijay Srinivasan, MBBS, M.D., FCCM</u></b> Assistant Professor, Anesthesiology and Critical Care Medicine and Pediatrics Children’s Hospital of Philadelphia	<b>Adventures in Tight Glycemic Control in Critical Illness: BitterSweet!</b>
JAN 23, 2020	<b><u>Andi Wasilczuk</u></b> Graduate Student, Biomedical Engineering Kelz Lab, Anesthesiology & Critical Care University of Pennsylvania Perelman School of Medicine	<b>“Personalized Anesthesia: Intrinsic Brain Dynamics Reveal Novel Features of the Anesthetized State with Implications for Awareness Under Anesthesia.”</b>
JAN 30, 2020	<b><u>Huafeng Wei, M.D., Ph.D.</u></b> Associate Professor, Anesthesiology and Critical Care, University of Pennsylvania Perelman School of Medicine	<b>“Intranasal Dantrolene for Treatment of Alzheimer's Disease.”</b>
FEB 20, 2020	<b><u>Maxime Cannesson, M.D., Ph.D.</u></b> Professor, Vice Chair for Perioperative Medicine, Vice Chair for Research, Anesthesiology & Perioperative Medicine University of California Los Angeles David Geffen School of Medicine Los Angeles, California	<b>“Artificial Intelligence and Autonomous Systems in the Perioperative Setting.”</b>

FEB 27, 2020	<u>Sarah Reitz</u> Dept. of Neuroscience, Ph.D. Candidate Kelz Lab, Anesthesiology & Critical Care University of Pennsylvania Perelman School of Medicine	<b>“The Role of Hypothalamic Tachykinin 1 Neurons In Sleep and Isoflurane Anesthesia.”</b>
MAR 5, 2020	<u>Huafeng Wei, M.D., Ph.D.</u> Associate Professor, Anesthesiology and Critical Care University of Pennsylvania Perelman School of Medicine	<b>“Sevoflurane Not Propofol Provides Dual Effect of Cytoprotection and Cytotoxicity in Alzheimer’s Disease and Breast Cancer Cells”</b>
	<b>Research in Progress Zoominars (RIPZ)</b>	
APR 23, 2020	<u>Meghan Brooks Lane-Fall, M.D., MSHP, FCCM</u> Associate Professor, Anesthesiology and Critical Care, Epidemiology in Biostatistics and Epidemiology University of Pennsylvania	<b>“Update on Covid-19 / VIRTUAL.”</b>
APR 30, 2020	<u>Joseph Savino, M.D.</u> Professor, Anesthesiology and Critical Care, Vice Chair, Strategic Planning and Clinical Operations University of Pennsylvania	<b>“Cytosorb Filters for Severe Covid.”</b>
MAY 7, 2020	<u>Justin Clapp, Ph.D., MPH</u> Assistant Professor, Anesthesiology & Critical Care, Perelman School of Medicine Associated Faculty, Anthropology, School of Arts and Sciences University of Pennsylvania	<b>“Psychosocial Responses to Providing Care During the COVID-19 Pandemic.”</b>
MAY 14, 2020	<u>Meghan Althoff, M.D., Ph.D.</u> Fellow, Critical Care Medicine University of Colorado	<b>“Modeling the COVID-19 Pandemic: The Challenges of Predicting the Future.”</b>
MAY 21, 2020	<u>Adeeti Aggarwal - M.D./Ph.D. Candidate</u> Department of Neuroscience Kelz Lab, Anesthesiology & Critical Care University of Pennsylvania Perelman School of Medicine	<b>“Visual Evoked Gamma Waves are Modulated By Anesthetic and Behavioral State.”</b>
MAY 28, 2020	<u>Rachel Hadler, M.D.</u> Assistant Professor, Anesthesiology and Critical Care University of Pennsylvania	<b>“We Often See Consents That Don't Match the Protocol: Lessons Learned From IRB Membership.”</b>
JUN 4, 2020	<u>Tim Gaulton, M.D., MSCE</u> Assistant Professor, Anesthesiology and Critical Care, University of Pennsylvania	<b>“Non-invasive Respiratory Support in Covid-19 Pneumonia.”</b>
JUN 25, 2020	<u>Java Aysola, M.D., DTMH, MPH</u> Assistant Professor of Medicine Perelman School of Medicine University of Pennsylvania	<b>“A Discussion of Two Studies: The Role of Bias in Patient Care and the Health Care Workforce.”</b>