

**ANESTHESIOLOGY & CRITICAL CARE
RESEARCH IN PROGRESS SEMINAR
ACADEMIC YEAR 2016-2017**

DATE	SPEAKER	TITLE
Sept 8, 2016	Amir A. Ghaferi, MD, MS Assistant Professor, Surgery and Management & Organizations University of Michigan School of Medicine Ann Arbor, MI	"Failure to Rescue and the Older Surgical Patient."
Sept 22, 2016	Kellie Ann Woll, PhD Candidate Dept of Pharmacology and Dept of Anesthesiology & Critical Care University of Pennsylvania	"Shedding light on Anesthesia: Uncovering the anesthetic mechanisms of voltage-gated K+ channel & GABAA receptor modulation."
Oct 6, 2016	Boris D. Heifets, MD, Ph.D. Instructor and Neuroanesthesiology Fellow Department of Anesthesiology, Perioperative and Pain Medicine Postdoctoral Research Fellow Robert Malenka Laboratory, Stanford Neurosciences Institute	"Toward single-shot therapy for neuropsychiatric."
Oct 13, 2016	Dr. Hanli Lui, Ph.D. Professor of Bioengineering at the University of Texas in Arlington	"Can Near Infrared Lights Be Used to Image Acute and Chronic Pain"
Oct 27, 2016	Krzysztof "Kris" Laudanski MD, PhD, MA, FCCM Department of Anesthesiology and Critical Care University of Pennsylvania	"Long-term epigenetic changes after routine heart surgery"
Nov 10, 2016	Lisbeth Anne Evered, BSc, MBIostat, PhD Associate Professor Scientific Head of Research, Department of Anaesthesia and Acute Pain Medicine, St. Vincent's Hospital, Melbourne	"Perioperative Cognitive Disorders: What, When and Why is it Important?"
Nov 17, 2016	Wesley B. Baker, PhD Postdoctoral Researcher Department of Anesthesiology and Critical Care Hospital of the University of Pennsylvania	"Noninvasive Monitoring of Cerebral Perfusion Pressure, Blood Flow, and Oxygen Consumption with Near-infrared Light."
Nov 24, 2016	Canceled - Thanksgiving	

DATE	SPEAKER	TITLE
Dec 1, 2016	Canceled	
Dec 8, 2016	Huafeng Wei, MD, Ph.D. Associate Professor Department of Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania Meriong Yang – J1 Scholar	“Autophagy Plays Important Role in General Anesthetics Mediated Dual Effects of Neuroprotection and Neurotoxicity.”
Dec 15, 2016	Andrew Ibrahim, M.D. RWJ Fellow University of Michigan	“Optimizing Network Delivery of Surgery.”
Dec 29, 2016	Canceled - Christmas Break	
Jan 5, 2017	Richard J. Levy, M.D., FAAP Vice Chair for Pediatric Laboratory Research Department of Anesthesiology Professor of Anesthesiology and Pediatrics Columbia University Medical Center	“Anesthesia-induced Oxidative Stress in the Developing Brain: Identifying a Mitochondrial Mechanism.”
Jan 12, 2017	William M. Armstead, BA, MS, Ph.D. Research Professor Department of Anesthesiology and Critical Care Member, Institute of Neurological Sciences Member, Cardiovascular Institute Perelman School of Medicine University of Pennsylvania	“Pressor Choice Influences Outcome After Traumatic Brain Injury as a Function of Age and Sex.”
Jan 19, 2017	Frances Chung MBBS FRCPC Professor, Dept of Anesthesiology, University of Toronto, Toronto	“Obesity Hypoventilation Syndrome: A New Phenomenon.”
Jan 26, 2017	Julia Dallman, Ph.D. Associate Professor Department of Biology University of Miami	“Zebrafish as a Model for Pharmacogenetics of Anesthesia.”

DATE	SPEAKER	TITLE
Feb 2, 2017	Joseph P. Balthasar, Ph.D. Professor & Director of the Center for Protein Therapeutics Associate Dean for Research Department of Pharmaceutical Sciences University at Buffalo The State University of New York	“Use of pH-dependent, “Catch-and- Release” Antibodies for Enhanced Biological Persistence and Increased Tumor Exposure.”
Feb 9, 2017	Paul M. Riegelhaupt, M.D., Ph.D. Assistant Professor Department of Anesthesiology Weill Cornell Medicine, NYC	“The TREK1 Tandem Pore Potassium Channel: A Molecular Signal Integrator and Anesthetic Target.”

Feb 16, 2017	Aman Mahajan, M.D., Ph.D. Ronald L. Katz MD Professor and Chair Department of Anesthesiology & Perioperative Medicine UCLA Health System Los Angeles, CA	Neuraxial modulation of cardiac arrhythmias: Mechanisms and Therapies
Mar 2, 2017	Wei Dong Gao, M.D., Ph.D. Associate Professor Department of Anesthesiology & Critical Care Medicine Johns Hopkins University School of Medicine, Baltimore, MD	“Myofilament Desensitization in Hypertrophic Cardiomyopathy (HCM).”
Mar 23, 2017	Joseph Cichon, Ph.D. MD/PhD Program New York University School of Medicine	“In vivo two-photon imaging studies of cortical neurons during wakefulness, anesthesia, and in neuropathic pain.”
Mar 30, 2017	Emily Mackay, D.O. CT Anesthesia Fellow Department of Anesthesiology & Critical Care University of Pennsylvania	“Perioperative TEE Utilization in Cardiothoracic Surgery.”

DATE	SPEAKER	TITLE
Apr 6, 2017	Lisa Gale Suter, MD Associate Professor Department of Internal Medicine, Yale School of Medicine New Haven, CT	“Developing Outcome Measures in the Age of MACRA: Balancing Detail and Data Collection Burden.”
Apr 13, 2017	Timothy Gaulton, M.D., MSCE Instructor/Critical Care Fellow Department of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	“ Understanding the Burden of Obesity in Surgery.”
Apr 20, 2017	Quintin J. Quinones, M.D., PhD. Assistant Professor Department of Anesthesiology Duke University Medical Center Durham, NC	“ Reversible Immunomodulation as a Strategy for Ischemia Tolerance in Hibernation .”
Apr 27, 2017	Tatiana Segura, Ph.D. Professor and Vice Chair for Graduate Affairs Department of Chemical and Biomolecular Engineering University of California, Los Angeles	“ Overcoming Obstacles to Brain Repair Using Biomaterials.”
May 4, 2017	Canceled – AUA-IARS Meeting	
May 11, 2017	Meghan Lane-Fall, M.D., MSHP Assistant Professor Department of Anesthesiology &	“Post-Intensive Care Syndrome: Two Projects Expanding Our Understanding of ICU

	Critical Care Perelman School of Medicine University of Pennsylvania	Survivorship.”
May 18, 2017	Harish Ramakrishna M.D., FACC, FASE Vice Chair of Research Associate Professor Department of Anesthesiology and Perioperative Medicine Mayo Clinic's campus in Arizona.	" Complications Following Non- Cardiac Surgery- New National Data.”

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May 25, 2017	Matthew I. Banks, Ph.D. Associate Professor Department of Anesthesiology University of Wisconsin	"Probing the Electrophysiological Correlates of Consciousness.”
Jun 1, 2017	Nabil M Elkassabany M.D., MSCE Assistant Professor Director; Section of Orthopedic Anesthesiology Department of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	" Towards Value-Based Practice of Regional Anesthesia.”
Jun 8, 2017	Huafeng Wei, MD, PhD Associate Professor Department of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	"Efficacy and Complications of Supraglottic Jet Oxygenation and Ventilation (SJOV) .”
Jun 15, 2017	Thomas Joseph, M.D., Ph.D. Postdoctoral Fellow Department of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	"Studying Anesthetic Molecular Systems with Computational Methods.”
Jun 22, 2017	Kumar Senthil, M.D. CA3-Anesthesia Resident Department of Anesthesiology & Critical Care Perelman School of Medicine University of Pennsylvania	“The Effect of Pediatric Cardiac Arrest on Mitochondrial Dynamics and Oxidative Stress.”
Jun 29, 2017	Benjamin Cobb, M.D. Department of Anesthesiology and Critical Care Hospital of the University of Pennsylvania	"Variability and Risk Factors for General Anesthesia Usage for Cesarean Section.”