

**ANESTHESIOLOGY & CRITICAL CARE  
 RESEARCH IN PROGRESS SEMINAR  
 ACADEMIC YEAR 2015**

<b>DATE</b>	<b>SPEAKER</b>	<b>TITLE</b>
<b>SEPT 4, 2014</b>	<b>Alex Proekt, M.D., Ph.D.</b> Assistant Professor of Anesthesiology Weill Cornell Medical College	<b>“Loss and Recovery of Consciousness: Lessons Learned from General Anesthesia.”</b>
<b>SEPT 18, 2014</b>	<b>Renyu Liu, MD; PhD - Lab</b> Assistant Professor Director of Preoperative Medicine Department of Anesthesiology and Critical Care Perelman School of Medicine at the University of Pennsylvania	<b>“Non-addictive opioid for opioid addiction.”</b>
<b>SEPT 25, 2014</b>	<b>Brian Weiser</b> University of Pennsylvania Anesthesiology & Critical Care	<b>“Propofol Inhibits SIRT2 via a Novel Allosteric Cavity.”</b>
<b>OCT 2, 2014</b>	<b>David S. Warner, M.D.</b> Vice Chair, Research Distinguished Professor of Anesthesiology Duke University School of Medicine Durham, NC	<b>18th JEE Lecture- Fagin Hall – 7AM “Neuroanesthesia: Past and Future.”</b>
<b>Oct 2, 2014</b>	<b>David S. Warner, M.D.</b> Vice Chair, Research Distinguished Professor of Anesthesiology Duke University School of Medicine Durham, NC	<b>“Translational Research In Acute Central Nervous System Injury: Lessons Learned and the Future.”</b>
<b>OCT 9, 2014</b>	<b>Jacques YaDeau, M.D., Ph.D.</b> Associate Attending Anesthesiologist, Hospital for Special Surgery Clinical Associate Professor of Anesthesiology, Weill Cornell Medical College	<b>“Prolonging peripheral nerve blockade: Additives and local anesthetics.”</b>
<b>OCT 21, 2014 Tuesday Special RIPS</b>	<b>Daniel B. Carr, M.D., MA</b> Professor of Public Health and Community Medicine Program Director, Pain, Research Education & Policy Tufts University School of Medicine	<b>“Rewriting the Pain Equation: From Biopsychosocial to Sociopsychobiological.”</b>

OCT 23, 2014	Neil Fishman, M.D., MA Professor of Medicine University of Pennsylvania	EBOLA
OCT 30, 2014	David M. Eckmann, Ph.D., M.D. Horatio C. Wood Professor of Anesthesiology and Critical Care Perelman School of Medicine University of Pennsylvania	“Automated Detection of Whole-Cell Mitochondrial Motility and its Dependence on Cytoarchitectural Integrity.”
NOV 6, 2014	John H. Zhang, MD, PhD Professor of Neurosurgery, Physiology Loma Linda University School of Medicine Loma Linda, California	“Future Stroke Research: Emphasizing Recirculation”.
NOV 13, 2014	JoEllen Weaver Penn Medicine Biobank Technical Director	Biobanking Effort
DEC 4, 2014	Huafeng Wei, MD, Ph.D. Associate Professor Department of Anesthesiology and Critical Care University of Pennsylvania	“Dual effects of neuroprotection and neurotoxicity by general anesthetics: Do we have a switch?”
DEC 11, 2014	Frederick E. Sieber, M.D. Professor, Department of Anesthesiology & Critical Care Medicine Johns Hopkins University School of Medicine	“Postoperative Delirium: Does Anesthesia Care Play a Role?”
DEC 18, 2014	Clyde M. Schwarz, Ph.D. Assistant Professor Department of Psychological and Brain Sciences, University of Delaware	“Impact of Early-Life Immune Activation on Later-Life Brain and Behavior.”
JAN 8, 2015	Krzysztof Laudanski, M.D., Ph.D., MA Assistant Professor Department of Anesthesiology and Critical Care Hospital of the University of Pennsylvania	“Ketamine and Dendritic Cells.”
JAN 15, 2015	Rebecca Carrier Associate Professor Department of Chemical Engineering 208 Lake Hall Northeastern University	“Bioengineering approaches to impact delivery across mucosal surfaces.”
JAN 22, 2015	Maurizio Cereda, M.D. Assistant Professor, Anesthesiology and Critical Care Hospital of the University of Pennsylvania	“Spatial propagation of secondary lung injury: new imaging markers of ARDS progression”

<b>FEB 5, 2015</b>	<b>Akiva S. Cohen, Ph.D.</b> Associate Professor Departments of Pediatrics and Neurology University of Pennsylvania, School of Medicine	<b>"Excitatory/Inhibitory Synaptic Imbalances and Dietary Therapy Following Traumatic Brain Injury."</b>
<b>FEB 12, 2015</b>	<b>Tijana Talisman, Ph.D.</b> City of Hope, Department of Molecular Medicine 1500 E. Duarte rd., Duarte, CA 91010	<b>Molecular signatures of G-protein coupled receptors; a super-resolution microscopy approach."</b>
<b>FEB 19, 2015</b>	<b>Annamarie D. Horan, Ph.D.</b> Director of Clinical Research University of Pennsylvania Department of Orthopaedics Surgery and Anesthesiology & Critical Care	<b>"Departmental Clinical Research Update."</b>
<b>FEB 26, 2015</b>	<b>Federico Villa M.D.</b> Head, Section of Neuroanesthesia and NeuroIntensive Care Department of Anesthesiology and Critical Care Medicine Humanitas Research Hospital Milan, Italy	<b>"Inhalational Anesthetics , Cerebral Blood Flow and Neuroprotection in Subarachnoid Hemorrhage Patients in the ICU."</b>
<b>MAR 5, 2015</b>	<b>Jeff E. Mandel, MD MS</b> Assistant Professor Department of Anesthesiology and Critical Perelman School of Medicine University of Pennsylvania	<b>"Empirical Mode Decomposition Sifting Through Chaos to Find the Answers."</b>
<b>MAR 26, 2015</b>	<b>Nabil M Elkassabany MD MSCE</b> Assistant Professor Director; Section of Orthopedic Anesthesiology Department of Anesthesiology and Critical Care, University of Pennsylvania	<b>"Falls after Total Knee Arthroplasty, Just Blame it on The Block...!!"</b>
<b>APR 2, 2015</b>	<b>Miles Berger, M.D., Ph.D.</b> Assistant Professor of Anesthesiology Duke University Medical Center Durham, North Carolina	<b>Perioperative Cognition and AD Biomarkers- the Search for a Link."</b>
<b>APR 9, 2015</b>	<b>T. Eugene Day, D.Sc.</b> Principal Health Systems Specialist The Children's Hospital of Philadelphia	<b>"Discrete Event Simulation for Health Care Process Improvement: Emergency to Inpatient Admission Analysis."</b>
<b>APR 16 2015</b>	<b>Philip G Morgan, MD</b> Professor, Department of Anesthesiology and Pain Medicine Seattle Children's Hospital Seattle, Washington	<b>"Are Mitochondria Important in Causing Anesthesia?"</b>

<b>APR 30, 2015</b>	<b>Joseph Hyder, MD, PhD Mayo Clinic</b>	<b>"Can we measure quality in perioperative care?"</b>
<b>MAY 7, 2015</b>	<b>James H. Abernathy M.D. Associate Professor Department of Anesthesia and Perioperative Medicine Medical University of South Carolina</b>	<b>"FOCUS and Human Factors in the Cardiac Operating Room."</b>
<b>MAY 21, 2015</b>	<b>Jeffrey W. Sall PhD MD Associate Professor Department of Anesthesia and Perioperative Care University of California, San Francisco</b>	<b>"Early Anesthesia, Brain Development, and Recognition Memory - Rodents to Kids."</b>
<b>MAY 28, 2015</b>	<b>Ki Jinn Chin, MBBS, MMed, FANZCA, FRCPC Associate Professor, University of Toronto Fellowship Coordinator &amp; Regional Anesthesia Fellowship Program Director Department of Anesthesia, Toronto Western Hospital</b>	<b>"Ultrasound-guided Neuraxial Blockade - Past, Present, and Future."</b>
<b>JUN 4, 2015</b>	<b>Arden M Morris, MD, MPH Associate Professor of Surgery University of Michigan Health System</b>	<b>"Key Components of the Patient-Physician Relationship: Communication, Trust, and Patient-Centeredness."</b>
<b>JUN 11, 2015</b>	<b>Matthew A. Caporizzo, Ph. D. Department of Materials Science Engineering University of Pennsylvania</b>	<b>"Determining the Viscoelasticity of Single Cells Using Variable Indentation-Rate Viscoelastic Analysis."</b>
<b>JUN 25, 2015</b>	<b>Gordon A. Barr, Ph.D. James Battaglia Endowed Chair in Pediatric Pain Medicine Director of the Section of Acute and Chronic Pain Medicine Department of Anesthesiology and Critical Care Medicine The Children's Hospital of Philadelphia Perelman School of Medicine, University of Pennsylvania</b>	<b>"Opiate dependence in infants and children: Animal models and developmental continuities and discontinuities."</b>