

**ANESTHESIOLOGY & CRITICAL CARE
RESEARCH IN PROGRESS SEMINAR
ACADEMIC YEAR 2015-2016**

DATE	SPEAKER	TITLE
SEPT 3, 2015	Faith Coldren, PhD ITMAT University of Pennsylvania	“Eagle-i: Navigating Research Resources.”
SEPT 24, 2015	Thomas Joseph, MD, PhD Assistant Professor Mt. Saini Hospital, New York, NY	“International Allosteric Network in GLIC.”
OCT 1, 2015	Charleen T. Chu, M.D., Ph.D. Professor and A. Julio Martinez Chair of Neuropathology Univ. Pittsburgh School of Medicine Pittsburgh, PA	“SOS: Mitochondrial Distress in Parkinson’s Disease.”
Oct 8, 2015	Vicki Bedell, MD CA1 Resident University of Pennsylvania	“Creating Site Specific DNA Changes.”
OCT 15, 2015	David A. Dean, Ph.D. Professor, Department of Pediatrics University of Rochester Rochester, NY	“Gene therapy for Acute Lung Injury: A Shocking Story.”
OCT 29, 2015	JEE Lecture – Academic Night Professor Paul Myles Director, Dept of Anesthesia and Perioperative Medicine Alfred Hospital and Monash Univ. Melbourne, Australia	What is a Poor Outcome after Anesthesia and Surgery? Quality of Recovery and Disability-Free Survival?
NOV 5, 2015	Kellie Woll, PhDc Dept. of Pharamcology University of Pennsylvania	“Selective Propofol Binding to GABAA Subunits in Native Neuronal Tissue.”
NOV 12, 2015	Claire Pomeroy, MD, MBA President Albert and Mary Lasker Foundation	“Thriving in Research”
NOV 19, 2015	Christopher Massa, MS Rutgers Robert Wood Johnson Medical School New Brunswick, NJ	"Measurement and modeling strategies relate structure and function in mouse lung inflammation"
DEC 3, 2015	Peter A. Goldstein, MD Professor of Anesthesiology Weill Cornell Medical College New York, NY	HCN1 Channels as Novel Therapeutic Targets for Neuropathic Pain.”
DEC 10, 2015	Joe Schlesinger, MD Assistant Professor Anesthesiology Critical Care Vanderbilt Univ. Medical Center Nashville, TN	“Alarm Concepts: From Patterson to IEC to Today.”

DEC 17, 2015	Laura Di Taranti Research Coordinator Anesthesia and Critical Care University of Pennsylvania	"Patient-reported outcomes after ICU discharge: a systematic review & pilot study of post-intensive care syndrome."
JAN 14, 2016	Meghan Lane-Fall, MD, MSHP Assistant Professor Department of Anesthesiology & Critical Care University of Pennsylvania	"HATRICC: A 2 Year Odyssey to Improve Perioperative Handoffs."
JAN 21, 2016	Douglas E. Raines Professor Dept. of Anesthesiology Harvard Univ. Boston, MA	"Annovation BioPharma: Lifecycle of an Anesthesia Start-up Company"
JAN 28, 2016	Dr. Omolola Eniola-Adefeso Associate Professor Director, Cell Adhesion and Drug Delivery Lab Chemical Engineering University of Michigan	"Probing Cellular-Particle Interactions in Human Versus Animal Blood Flows: Implications for the Design of Vascular-Targeted Drug Carriers."
FEB 4, 2016	C. David Mintz, MD, PhD Director, Fellowship in Neurosurgical Anesthesiology, Assistant Professor of Anesthesiology, Johns Hopkins University	"mTOR and Pediatric Anesthetic Neurotoxicity"
FEB 11, 2016	Leslie M Shaw, PhD Professor Director, Biomarker Research Laboratory Department of Pathology & Laboratory Medicine Perelman School of Medicine University of Pennsylvania	"Recent Developments in Neurodegeneration Blood and CSF Biomarkers."
FEB 18, 2016	A. Murat Kaynar, M.D., M.P.H. Assoc. Professor University of Pittsburgh School of Medicine Department of Critical Care Medicine Pittsburgh, PA	"Cost of surviving sepsis: a novel model of recovery from sepsis in Drosophila melanogaster."
MAR 3, 2016	Emmett Whitaker, M.D., F.A.A.P. Assistant Professor Dept. of Anesthesiology Nationwide Children's Hospital Ohio State Univ College of Medicine Columbus, Ohio	"Anesthetic-Induced Developmental Neurotoxicity (AIDN): A Translational Neuroscience Approach."
MAR 17, 2016	Andrew Hudson, MD, PhD Assistant Professor Ronald Reagan UCLA Medical Center Santa Monica, CA	"Calcium Imaging of Neuronal Populations Under Isoflurane Anesthesia."

MAR 24, 2016	Susan P. Gilbert, Ph.D. Professor & Head Dept of Biological Sciences and Center for Biotechnology & Interdisciplinary Studies Rensselaer Polytechnic Institute Troy, NY	"Propofol Inhibition of Processive Kinesins"
MAR 31, 2016	Marc Garbey, PhD Professor Dept of Computer Science and Dept of Surgery, Univ of Houston, Methodist Hospital Houston, TX	"Team Work: Foundation for The Development of an Intelligent OR."
APR 7, 2016	Huafeng Wei, MD, Ph.D. Associate Professor Dept Anesthesiology & Critical Care University of Pennsylvania	"Effects of general or epidural anesthesia during C-section or fetal surgery on newborn S100b neurodegeneration biomarker"
APR 14, 2016	Paloma Toledo, MD, MPH Department of Anesthesiology Center for Healthcare Studies Instit for Public Health and Medicine Northwestern University Feinberg School of Medicine Chicago, IL	"Understanding the Contributors to Racial/Ethnic Disparities in Postpartum Hemorrhage and Hemorrhage Outcomes."
APR 21, 2016	Diego Contreras, M.D., Ph.D. Professor, Dept of Neuroscience Perelman School of Medicine University of Pennsylvania	"Thalamocortical Synapses in the Visual System in Vivo."
APR 28, 2016	Mark David Neuman, M.D., M.Sc. Assistant Professor of Anesthesiology and Critical Care University of Pennsylvania	"The REGAIN Trial: a Pragmatic Randomized Trial of Spinal versus General Anesthesia for Hip Fracture Surgery"
MAY 5, 2016	Heng Zhao, PhD Associate Professor Department of Neurosurgery Stanford University CA, USA	"Opioids: From Basic Science to Clinical Practice."
MAY 12, 2016	Mark Baxter, Ph.D. Professor Neuroscience Professor Anesthesiology Mount Sinai School of Medicine New York, NY	"Cognitive and socioemotional development after repeated sevoflurane exposure in infant rhesus monkeys".
MAY 26, 2016	Michael Luke James, MD Depts of Anesthesiology & Neurology Duke University Durham, NC	"Bench to Bedside to Bench to Bedside: Adventures in Translating Acute CNS Injury Mechanisms."
JUN 2, 2016	Min Yan, MD, PhD. Chair and Professor Department of Anesthesiology 2nd affiliated hospital Zhejiang University Zhejiang, China	"Translational Perspective in Neuronal Injury: The Role of Sestrin2 in Rats Neonatal Hypoxic-Ischemic Injury."

JUN 9, 2016	Colin J.L. McCartney MBChB PhD Professor and Chair Dept of Anesthesiology University of Ottawa Ottawa, ON Canada	“Education in Regional Anesthesia: Past, Present and Future.”
JUN 23, 2016	Grace Brannigan, Ph.D. Assistant Professor Center for Computational and Integrative Biology (CCIB) & Department of Physics Rutgers University, Camden, NJ	“Direct Interactions of General Anesthetics with Pentameric Ligand- gated Ion Channels : Testable Hypotheses from Computational Predictions.”
JUN 30, 2016	Dr. Ross Kerridge Director, Perioperative Service Associate Professor, Anaesthesia & Perioperative Medicine, School of Medicine & Health, University of Newcastle John Hunter Hospital	“Implementation of Perioperative Systems - An International Perspective.”