

Southern Illinois University School of Medicine

MPEE Presentations

Friday, September 1, 2017, 10 a.m.

South Auditorium & Lindegren Hall Room 205

Approx.  
Time

- 10:00 Opening Remarks**  
Joseph Milbrandt, Ph.D.
- 10:05 Frequency and Timing of Toxicity following Test Dose Administration of Methotrexate in the Treatment of Dermatological and Rheumatological Conditions**  
Thomas Herrmann  
*Mentor: Morgan Wilson, M.D.; SIU School of Medicine, Springfield, IL*
- 10:15 Impact of Early Fluid and Electrolyte Management of In-Hospital Outcomes for Extremely Preterm Infants**  
Kaitlin Gibson  
*Mentor: Beau Batton, M.D.; SIU School of Medicine, Springfield, IL*
- 10:25 Creating a Unified Clinical Decision Algorithm to Predict Long-Term Patient Outcomes when Utilizing Mechanical Thrombectomy to Treat Ischemic Stroke**  
Nicholas Lanzotti  
*Mentor: Augusto Elias, M.D., D.D.S.; SIU School of Medicine, Springfield, IL*
- 10:35 Association between Prenatal Bisphenol A and Bisphenol S Exposure and Child Behavior Outcomes**  
Jennifer Hill  
*Mentor: Sarah Geiger, Ph.D.; University of Illinois, Urbana, IL*
- 10:45 Gastrocnemius and Gastrosoleus Recession for Chronic Insertional and Noninsertional Achilles Tendinopathy**  
Collin Innis  
*Mentor: Benjamin Stevens, M.D.; Springfield Clinic, Springfield, IL*
- 10:55 A Quantitative and Qualitative Analysis of Leadership Skills and ATLS Compliance during Trauma Evaluations**  
Farris Abou-Hanna  
*Mentor: Jonathan dela Cruz, M.D.; SIU School of Medicine, Springfield, IL*
- 11:05 The Role of Aryl Hydrocarbon Receptor in Diabetes, Metabolic Syndrome, and Obesity**  
Blake Vest  
*Mentor: Shelley Tischkau, Ph.D.; SIU School of Medicine, Springfield, IL*
- 11:15 Home Nursing Intervention for Very Preterm Infants**  
Sheela Gogula  
*Mentor: Sameer Vohra, M.D., J.D.; SIU School of Medicine, Springfield, IL*
- 11:25 Temporal Expression of the Parathyroid Hormone 1 Receptor in Embryonic C57BL/6 Mouse Hearts: A Pilot Study**  
Brendan Finnell  
*Mentor: Lisa Wilsbacher, M.D., Ph.D.; Northwestern University Feinberg School of Medicine, Chicago, IL*
- 11:35 Metabolism, Cognition, and Hippocampal Composition in Two Amyloid Models of Alzheimer's Disease**  
Bradley Vost  
*Mentor: Erin Hascup, Ph.D.; SIU School of Medicine, Springfield, IL*
- 11:45 CT Perfusion Software Accuracy of Final Infarct Volume after Thrombectomy**  
Kyle Gollon  
*Mentor: Augusto Elias, M.D., D.D.S.; SIU School of Medicine, Springfield, IL*