

## Mini Symposia Schedule for 2117 MERF

### Session 1 - Clinical Research and Informatics 1

Moderated by Boyd Knosp, MS

- 1:45 Daniel Dagle** *“Predictive Modeling Using Continuous Vital Sign Monitoring Can Identify a Hemodynamically Significant Patent Ductus Arteriosus in Preterm Neonates”*
- 1:57 Rachel Fitzjerrells** *“Machine learning approach identifies dysbiotic oral communities in multiple sclerosis”*
- 2:09 Donna Santillan, PhD** *“Developing Infrastructure to Facilitate Women’s Health Research”*
- 2:21 Lindsey Knake, MD, MS** *“A pilot study evaluating the sole use of continuous ventilator and vital sign data to predict extubation success in neonates”*
- 2:33 Natany da Costa Ferreira Oberfrank, PhD, RN** *“Uncovering Patients’ Motives for Heart Failure Symptom Self-Management: Content Validation of a Novel Questionnaire”*

### Session 2 (2117 MERF) Clinical Research and Informatics 2

Moderated by Boyd Knosp, MS

- 3:00 Heath Davis, MS** *“The Iowa Health Data Resource (IHDR): an Innovative Framework for Transforming the Clinical Health Data Ecosystem at the University of Iowa”*
- 3:12 Diva Kerkman** *“A Case Study Data Governance for Sharing and Access to Real-World Data at UIowa Healthcare”*
- 3:24 Heather Reisinger, PhD** *“Tracking Implementation Strategies in Real-World Settings: VA Office of Rural Health Enterprise Wide Initiative Portfolio.”*
- 3:36 Tao Xu** *“Clinical Associations between Peptide Receptor Radionuclide Therapy with Renal and Hematological Toxicities and Survival in Patients with Neuroendocrine Tumors: An Analysis from Two U.S. Medical Centers”*
- 3:48 Tony Pomales, PhD** *“A qualitative study of staff perceived need for and barriers to adopting a telehospitalist-led intervention to improve inpatient management of alcohol withdrawal syndrome at a rural VA hospital”*

## Mini Symposia Schedule for 2189 MERF

### Session 1 - Molecular Investigations

Moderated by Shane Heiney, PhD

- 1:45 **Akansha Jain** *"Mitochondrial uncoupling proteins protect human airway epithelial ciliated cells from oxidative damage"*
- 1:57 **Grace Ciampa** *"Examining the Function of a Novel Protein in the Cardiac Junctional Membrane Complex"*
- 2:09 **Colin Clark** *"Cardiac Sodium Current Composition and Remodeling in Murine Ventricular Myocytes"*
- 2:21 **Misty Perez** *"Regulation of Alcohol Consumption by FGF21"*
- 2:33 **Adam Rauckhorst, PhD** *"Transamination networks contribute to hypoxic succinate production"*

### Session 2 - Neuroscience Highlights

Moderated by Charles Yeaman, PhD

- 3:00 **Andrew Kain** *"Regulation of Delta Glutamate Receptors by Noradrenaline"*
- 3:12 **Brittany Todd** *"Microglial specific type I Interferon signaling mediates antigen presentation and neuronal loss following traumatic brain injury"*
- 3:24 **Angela Smith** *"Exploring the Role of Descending Dopamine Pain Modulation in the Transition to Chronic Pain"*
- 3:36 **Erik Zorrilla** *"Cannabinoids and Migraine"*
- 3:48 **Marshal Jahnke** *"Acid-Sensing Ion Channels Contribute to Alcohol Tolerance"*