## Annual Neuroscience Snowbird Symposium 2024



Friday, October 25th 4:00 pm: overnight room check in: Cliff Lodge 8:30-9:00am **Registration & Continental Breakfast** Ballroom, Cliff Lodge 9:00am-12:20pm **SESSION I SPEAKERS** Ballroom, Cliff Lodge Session Chairs: Sarah Brockway and Zia L'Ecuyer, Neuroscience Program Graduate Students Welcome Statement: Megan Williams, PhD, Neuroscience Program Director 9:00am 9:05am Symposium Overview: Qwynn Landfield & Sarah Brockway, Neuroscience Program Graduate Students 9:15am Jim Heys, PhD, Assistant Professor, Department of Neurobiology, University of Utah "Deciphering Neural Dynamics and Circuit Mechanisms of Space and Time in the Medial Temporal Lobe" 9:45am Samuel Alper, Neuroscience Program, Department of Neurobiology (Dorsky Lab) "Identification of Novel Wnt-Dependent Pro-Regenerative Fibroblasts During Zebrafish Spinal Cord Regeneration" 10:10am Erin Bobeck, PhD, Associate Professor of Neurobiology, Department of Biology, Utah State University "From Chemicals to Behavior: Discovery of Novel Pain Therapeutics with Reduced Abuse Liability" 10:40-11:00am **BREAK** 11:00am Aakanksha Singhvi, PhD, Assistant Professor, Basic Sciences Division, Fred Hutchinson Cancer Center Affiliate Assistant Professor, Department of Biological Structure, University of Washington School of Medicine "Molecular Mechanisms and Heterogeneity in Glial Functions" Ashley Zachery-Savella, Neuroscience Program, Department of Pharmacology (Wilcox Lab) "Using Seizure Dynamotypes to Predict Response to Anti-Seizure Medications in an Animal Model of Temporal Lobe Epilepsy" 11:55am Mitali Tyagi, Neuroscience Program, Department of Neurobiology (Shepherd Lab) "Virus-like spread of Tau During Alzheimer's disease" Magpie Room, Cliff Lodge 12:20-1:30pm Lunch (boxed) 12:45pm Optional First Generation Scientists (FIGS) breakout session led by Michael Conoscenti, PhD Superior Room, Cliff Lodge **SESSION II SPEAKERS** Ballroom, Cliff Lodge 1:30-5:00pm Session Chairs: Qwynn Landfield and Donzelle Taylor, Neuroscience Program Graduate Students 1:30pm Donzelle Taylor, Neuroscience Program, Neurobiology Department (Zelikowsky Lab) "Oxytocinergic Control of Social Instability Stress" 1:55pm Jessica Osterhout, PhD, Assistant Professor, Department of Neurobiology, University of Utah "The Neurobiology of Sickness" **BREAK** 2:25-2:40pm Autumn Ivy, MD, PhD, Assistant Professor of Neurology and Neurodevelopmental Medicine, Kennedy Krieger Institute 2:40pm "Neural Epigenetic Mechanisms of Early Life Stress and Exercise Interventions" Annegret Falkner, PhD, Assistant Professor, Princeton Neuroscience Institute, Princeton University 3:10pm "Mapping the Neural Dynamics of Dominance and Defeat" 3:40-4:00pm **BREAK** 4:00pm **KEYNOTE SPEAKER** Gina Poe, PhD, Director, University of California Los Angeles Brain Research Institute "Sleep Features for Health and Wellness" 5:00-6:30pm Eagle's Nest & Golden Cliff Room, Cliff Lodge Scientific Poster Sessions\* 5:00-5:45pm Poster Session 1 (odd # posters) 5:45-6:30pm Poster Session 2 (even # posters) \*Scientific posters will be available for viewing from 9:00am to 6:30pm. 6:30pm Ballroom, Cliff Lodge Dinner 9:00-10:00pm Ballroom, Cliff Lodge MIXER

## Saturday, October 26th

8:30-10:00am Breakfast Magpie Room, Cliff Lodge

