9-11 AM Poster Session, Fuller Board Room, DHMC

11:30-12:30 Lunch at the Courtyard Marriott at 10 Morgan Drive, Lebanon, NH (across from DHMC)

12:30-1:30 Plenary Talk

Dr. Bryan Luikart, PhD, Assistant Professor, Department of Physiology and Neurobiology

"Understanding the Neurophysiological Basis of Autism Using Pten as a Genetic Model"

1:35-2:35-Short Talk Session: Part 1

1:35-1:55 PM

Max Mehlman, Graduate student in the Psychological and Brain Science Department, Dartmouth College,

“Functional and anatomical relationships between the striatum, medial precentral cortex and head direction system”

1:55-2:15 PM

Riley St. Clair, Graduate Student in Department of Biology and Neuroscience Graduate Program, University of Vermont

“Biochemical and Developmental Approaches toward Elucidating PlexinA2 Signaling Mechanisms”

2:15-2:35 PM

Emily Stephens, Graduate Student in the Department of Physiology and Neurobiology, Geisel School of Medicine

“Serotonergic modulation of cortical pyramidal neurons.”

2:35-2:50 Break

2:50- 3:50 Short Talk Session: Part 2

2:50-3:10 PM

Marion Weir, Graduate Student in Department of Biology and Neuroscience Graduate Program, University of Vermont

“Novel Tyrosine Phosphorylation Sites Fine Tune the Activity and Substrate Binding of the Src Family Kinase Fyn”

3:10-3:30 PM

Barbara Nye, Neurology Resident, DHMC

“Headache in the Transgender Patient Population”

3:30-3:50 PM
Gilbert Rahme, Graduate Student in the Department of Genetics, Dartmouth College

“PDGF Signaling Maintains Survival of Proneural Glioma Cells by Regulating Ubiquitination to Stabilize Id2”

4-5 PM Keynote Talk

Arnold Kriegstein, MD, PhD, John and Elizabeth Harris Professor of Neurology UCSF

“Human cortical development: what makes us unique?”