



IBACS End of Year Event

Wednesday May 7th, 2025, from 9am – 1:30pm in the Rome Ballroom

9:00 AM

Welcome & Opening Remarks

IBACS Directors

Inge-Marie Eigsti, Director of Research

Emily Myers, Director of Training

John Salamone, Director of Outreach and Communications

UConn Administrators

Anne D'Alleva, Provost and Executive Vice President for Academic Affairs

Pamir Alpay, Vice President for Research, Innovation, and Entrepreneurship

Ofer Harel, Dean for the College of Liberal Arts and Sciences

9:30 AM

Data Blitz (5 minutes each)

Natale Sciolino, Physiology and Neurobiology

Modulation of Stress-Related Anxiety and Fear Responses by Cannabinoid Type-1 Receptors in Norepinephrine and Epinephrine Neurons

Matthew Frost, UCH Neuroscience

Novel targets for protection and repair of injured neural circuits

Heather Read, Psychological Sciences (BNS)

Attention-related alpha oscillation magnitude changes vary with ignored background sound types during speech-in-noise tasks

Whit Tabor, Psychological Sciences (PAC)

What does language innovation tell us about the nature of language in the mind?

Yulia Bereshpolova, Psychological Sciences (BNS)

Cellular mechanisms of state-dependent processing in visual cortex

Pengyu Zong, UCH Calhoun Cardiology Center

TRPM2 Drives Hyperlipidemia-Exacerbated Ischemic Brain Injury

Jun Yan, Statistics

Functional Connectivity Analysis in Brain Networks: A Statistical Review and Application to Alzheimer's Disease Data

Hannah Mechtenberg, Psychological Sciences (PAC)

A frontotemporal network processes conceptual relatedness during spoken narrative comprehension

Kelly Mahaffy, Psychological Sciences (DEV)

The promises and challenges of simultaneous data acquisition

Wesley Leong, Psychological Sciences (PAC)

How do our brains maintain the same object in multiple states? Evidence from EEG

Questions

10:30 AM

Keynote Talks (30 minutes each)

James Li, UCH Genetics and Genome Sciences

FOXP Genes Regulate Purkinje Cell Diversity in Cerebellar Development and Evolution

Jim Magnuson, Psychological Sciences (PAC)

Understandable language models

Questions

11:30 AM

Closing Remarks

11:45 AM

Poster Session & Lunch

1:30 PM

Event End Time