

NERIC Lightning Talk Awards

DRIVEN Awards - Translational Talk Awards - 1st Place

Undergraduate Student

Emma Noel

Neuro Session

Bowdoin College

Characterizing the Effect of Early Life Adversity on Sex-specific DNA Methylation Patterns over Development

Graduate Student

Matthew Freeman

Technology Session

University of Rhode Island

Rifampicin-Cyclodextrin Inclusion Complexes Formulated for Pulmonary Drug Delivery

Postdoctoral Scholar

Arvin Soepriatna

Technology Session

Brown University

Human 3D Cardiac Microtissues Enable Chamber-Specific Arrhythmic Risk Assessment for Improved Safety Standards

NERIC/NAIPI Awards - All Awards

Undergraduate Students

1st Place

Elizabeth Billings

Microbio Session

University of Rhode Island

*Examining the Role of Glycerol 3-Phosphate Metabolism in *Vibrio cholerae* During Cholera Toxin-Mediated Disease*

2nd Place

Sydney Bonauto

Psych/Health Session

Bowdoin College

Exploring the impact of sex, age, and early life adversity on responses to ultrasonic vocalization playback

3rd Place

Christine Schremp

Psych/Health Session

Brown University

Large-Scale EEG Neural Networks Change in Response to Therapeutic TMS

Honorable Mention

Lyn Miranda Portillo

Biology Session

Bowdoin College

*Visualizing BYN-1/GLH-1 proximity interactions in *C. elegans* to understand the activation of signaling cascades during human embryonic implantation*

Honorable Mention

Seneca Ellis

Psych/Health Session

Bowdoin College

The sex specific effects of acute ketamine treatment on parvalbumin and BDNF following early life adversity

Graduate Students**1st Place**

Bader Jarai

Technology Session

University of Delaware

Internalization of Nanoparticles Enhances the Survival of Primary Macrophages

2nd Place

Mitchell Gravely

Technology Session

University of Rhode Island

Multispectral Fingerprinting Resolves Dynamics of Nanomaterial Trafficking in Primary Endothelial Cells

3rd Place

Cole Davidson

Cancer Session

University of Vermont

Targeting Glycogen Metabolism as a Novel Therapeutic Approach in Anaplastic Thyroid Cancer

Honorable Mention

Megan Tomasch

Neuro Session

University of Maine

Honorable Mention

Annalise Robidoux

Microbio Session

Brown University

Identification of Vaccine Candidates Against Falciparum Malaria Using Genes with Tandem Repeats

Postdoctoral Scholars**1st Place**

Debora Kamin Mukaz

Psych/Health Session

University of Vermont

D-dimer and the Risk of Hypertension: The Reasons for Geographic and Racial Differences in Stroke (REGARDS)

2nd Place

Emily Reedich

Neuro Session

University of Rhode Island

Altered pain sensation in a rabbit model of cerebral palsy

3rd Place

Hannah Laue

Psych/Health Session

Dartmouth College

Sex-specific associations of the infant microbiome in relation to early-childhood behavioral outcomes

Honorable Mention

Camilo Osorio

Cancer Session

Brown University

SHP2 Regulates Gastrointestinal (GI) Epithelium Development by Modulating Self-renewal and Proliferation of OSTERIX+ Crypt Stem Cells

Honorable Mention

Julia Bauer

Psych/Health Session

Dartmouth College

Prenatal metals, longitudinal behavior and sex differences in the New Hampshire Birth Cohort Study