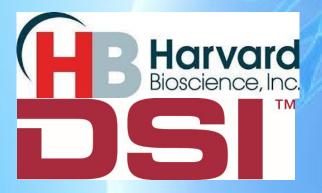
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#### **Mixer Organizers:**

Erica Levitt, Adrienn Varga, Nicole Nichols

# 56<sup>th</sup> Non-Annual Control of Breathing Mixer

american physiology summit

APRIL 4-7, 2024 LONG BEACH

Long Beach Convention Center, Room 104BC 6:30 – 8:30 PM, Thursday April 4th, 2024

#### **PROGRAM**

6:30 - 7:20 PM MIXING - SOCIAL HOUR

7:20 PM
WELCOME & INTRODUCTIONS

7:25 – 8:30 PM
KEYNOTE & TRAINEE
PRESENTATIONS

7:25 PM Keynote Presentation

Jack Feldman, Ph.D.
University of California,
Los Angeles
Breathing Rhythm and
Pattern and Their
Influence on Emotion

## 7:55 PM

# Hot Topics in Respiratory Control

#### **Marianne Gagnon**

(PhD Student; Université Laval) Mentor: Richard Kinkead, Ph.D.

Stress-induced cardiorespiratory and metabolic disturbances: an electrophysiological exploration of the impacts of social isolation on orexin neurons electrical excitability

### Lexi Riley-DiPaolo

(PhD Student; University of Florida) Mentor: Adrienn Varga, Ph.D.

Locus coeruleus-mediated respiratory dysfunction in a Parkinson's Disease mouse model

#### Beth Wiese, Ph.D.

(Post-doc; UCLA)

Mentor: Jack Feldman, Ph.D.

CBD as a preventative therapy for opioidinduced persistent apnea

#### In Morimoto

(PhD Student; University of Electro-Communications, Japan)

Mentor: Teresa Pitts, Ph.D., CCC/SLP (Univ. of

Missouri)

Development of novel stimulation techniques and devices to activate swallow movements

#### Jessica Whitaker-Fornek, Ph.D.

(Post-doc; University of Michigan)
Mentor: Erica Levitt, Ph.D., Pharm.D.
Assessing cardiorespiratory function in a rabbit
model of Dravet Syndrome

# **Kayla Burrowes**

(PhD Student; University of Florida)
Mentor: Gordon Mitchell, Ph.D.

Long lasting suppression of phrenic motor
plasticity after mild, acute inflammation