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Control of Breathing Mixer Fund:



Mixer Organizers:

Erica Levitt, Adrienn Varga, Nicole Nichols

56th 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 opioid-induced 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