

**First Annual
Neuroscience, Behavior and Health Forum, 2011**

Friday, January 21

3:00 PM	Poster setup
4:00	Poster viewing and Reception
5:00	Introduction
5:15	Keynote talk: “Cerebellar Function In Health & Disease” by Professor Kamran Khodakhah, Albert Einstein College of Medicine
6:00	Banquet
7:00	Dessert and poster viewing

Saturday, January 22 (session chairs from the Neuroscience Graduate Program)

7:00 AM	Poster setup
8:00	Posters with breakfast and coffee
9:00	Introduction by President Daniel M. Fogel

Session I: Chaired by Carolyn Roman and Kim Lezak

9:15	William Falls, Department of Psychology <i>Exercise improves learning and consolidation of cued conditioned fear</i>
9:30	Jom Hammack, Department of Psychology <i>Exercise, serotonin and anxiety</i>
9:45	Jeremy Sibold, Department of Rehabilitation & Movement Science <i>Bridging the gap: Examining the neural mechanisms behind the anxiolytic effects of exercise in animal and human models</i>
10:00	Travis Todd, Department of Psychology <i>Renewal of responding following extinction of an instrumental response</i>
10:15	Break

Session II: Chaired by Jill Hoffman and Julia Knight

10:30	Marcella Lucas, Department of Neurology, Dartmouth Medical School <i>Impaired cognition in rats with cortical dysplasia – additional impact of early life seizures</i>
10:45	Paul Newhouse, Dept Psychiatry, Clin Neurosci Res Unit and Brain Imaging Prog <i>Estrogen-cholinergic interaction effects on human cognitive performance and task-related brain activity</i>
11:00	Carolyn Roman, Neurosci Graduate Prog and Dept Psychology <i>The role of PACAP within the Bed Nucleus of the Stria Terminalis in mediating the behavioral consequences of chronic stress</i>
11:15	Michael Williams, Neuroscience Graduate Program and Dept Pharmacology <i>Potassium channel regulation in the cerebellum</i>

11:30 Issei Shimada, Department of Medicine, Stem Cell Core.
Reprogramming of cortical reactive astrocytes from the peri-infarct area into neural stem/progenitor cells after stroke

11:45 Poster viewing and lunch

Session III: Chaired by Michael Williams and Kimberly Albert

1:30 PM Gerry Herrera, Med Associates
Title pending

1:45 Kalev Freeman, Department of Surgery
Frontiers in traumatic brain injury research

2:15 Fabrice Dabertrand, Department of Pharmacology
Role of ryanodine receptors in acidic pH-induced dilation of brain parenchymal arterioles

2:30 Siu-Lung Chan, Department of Neurology
Relaxin activates PPARgamma and causes selective outward remodeling of brain parenchymal arterioles

2:45 Nathan Jebbett, Neurosci Graduate Prog and Dept. Anatomy and Neurobiol
Differential effects of methylmercury and mercury chloride on cytokine-evoked Stat3 phosphorylation and reactive oxygen species formation

3:00 Break

Session IV: Greg Lieberman and Sarah Corey

3:15 Jill Hoffman, Neurosci Graduate Prog and Dept. Anatomy and Neurobiol
Increased neuronal excitability leads to dysmotility in the inflamed colon

3:30 Jane Roberts, Neurosci Graduate Prog and Dept. Anatomy and Neurobiol
Colitis leads to a selective attenuation of purinergic neuromuscular transmission, possibly involving disrupted mitochondrial function in inhibitory nerve terminals

3:45 Rona Delay, Department of Biology
Oxytocin modulates mouse vomeronasal sensory neurons

4:00 Matthew Bradstreet, Department of Psychiatry
Experimental laboratory studies examining relationships between initial smoking abstinence and relapse risk

4:15 Michael Zvolensky, Department of Psychology
Distress Intolerance and Smoking Cessation

4:30 Awards and closing remarks