

Jaak Panksepp Memorial Symposium

April 14, 2018

Washington State University

Smith Center Undergraduate Education (CUE) room 203

8:30 am Welcome: **Bryan Slinker**, Dean, College of Veterinary Medicine

8:40 **Jules Panksepp**, Postdoctoral Fellow, Department of Behavioral Neuroscience, Oregon Health & Sciences University

Memories of Jaak Panksepp, Professor, Bernice Gilman Baily and Joseph Baily Endowed Chair in Animal Well-Being Science, Integrative Physiology and Neuroscience, College of Veterinary Medicine, Washington State University

9:00 **Larry Young**, Professor, Department of Psychiatry, Emory University School of Medicine

The Neurobiology Pair Bonding in Monogamous Prairie Voles

Research interests include understanding the genetic, cellular and neurobiological mechanisms regulating complex social behavior, including social cognition and social bonding.

9:50 **Jeff Burgdorf**, Research Associate Professor, Biomedical Engineering and Psychiatry and Behavior Sciences, Northwestern University

From laughing rats to novel therapeutics for affective disorders.

Research interests in neuropsychology, behavioural science and biological psychology.

10:25 Break

10:40 **Valentina Colonnello**, Research Fellow, Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna, Italy

Harnessing the Power of Brain Emotional Systems for Social Neuroprotection Programs: Insights from Panksepp's Affective Neuroscience

Research interests focus on emotion expression and emotion recognition, stress vulnerability and protective factors, social bonding, social cognition and social communication.

11:15 **Brian Knutson**, Professor, Psychology and Neuroscience, Stanford University

How we stumbled upon the rat vocalizations

Dr. Knutson's research focuses on the neural basis of emotional experience and expression. He investigates the topic with a number of methods including self-report, measurement of nonverbal behavior, comparative ethology, psychopharmacology, and neuroimaging. His long-term goal is to understand the neurochemical and neuroanatomical mechanisms responsible for emotional experience, and to explore the implications of these finds for the assessment and treatment of clinical disorders as well as for economic behavior.

Lunch: CUE Atrium

1:00 pm **Mark Solms**, Professor, Department of Psychology, University of Cape Town, South Africa

Title: Why Feelings Matter

Jaak and Dr. Solms once wrote a paper entitled 'Why depression feels bad'. The fact that such a question needs to be answered reveals a fundamental problem in contemporary neuroscience and psychiatry which was the major focus of Jaak's life's work. Dr. Solms will explain why feelings are so neglected, especially feelings in other animals (which raise special methodological and ethical concerns), and will describe what Jaak did about this problem and comment upon the impact of his ideas upon the future of the field.

Research interests include brain mechanisms of dreaming, emotion, motivation as well as psychological mechanisms of confabulations and anosognosia syndromes.

2:00 **Douglas Watt**, Clinical and Forensic Neuropsychology, Lesley University Graduate School of Psychology

Title: Jaak's "affirmative action" for emotion and the ventral brain.

2:15 **Joseph Garner**, Associate Professor, Department of Comparative Medicine, Stanford University

Behavior, Enrichment and Welfare: First Principles and Real Solutions for Laboratory Mice

Research interests include the development of refined methods in behavioral research; abnormal behaviors in animals (including barbering and ulcerative dermatitis) and their relationships with abnormal behaviors in humans; mouse well-being and enrichment; and the scientific impact of well-being problems in lab animals. The goal of this work is to understand why most drugs (and other basic science findings) fail to translate into human outcomes, and how changes in animal research can help resolve this problem.

3:00 Break

3:15 **Karen Overall**, Editor-in-Chief, Journal of Veterinary Behavior: Clinical Applications and Research, Senior Research Scientist, Biology Department, University of Pennsylvania

Title: Psychopharmacology for fear and anxiety in dogs and cats: common uses, quick tips.

Research interests include cognitive science, psychopharmacology and behavior science.

4:00 **Alan Beck**, Director Center of the Human-Animal Bond and Professor, Department of Comparative Pathobiology, Purdue University

The Biology of the Human-Animal Bond

Committed to expanding our knowledge of the interrelationships between people, animals and their environment.

Thank you for joining us in celebrating the life and science behind Dr. Jaak Panksepp.

The **Jaak Panksepp Memorial Fund** has been established to support students with a passion for animal well-being and to memorialize one of the college's most esteemed faculty members. More information can be found at: <http://giving.vetmed.wsu.edu/giving-opportunities/jaak-panksepp-memorial-fund>