



慶應義塾大学

論理と感性のグローバル研究センター

科学研究費補助金 新学術領域研究「共感性の進化・神経基盤」計画班「共感性の系統発生」主催 国際シンポジウム

Neural and Behavioral Mechanisms of Higher Cognitive Function: From Rats to Humans

日時: 2014年7月17日(木) 14:30~18:35

場所: 慶應義塾大学三田キャンパス 北館ホール

<http://www.keio.ac.jp/ja/access/mita.html> *発表言語は英語、会費無料・事前登録は不要

14:30-14:40 Opening remark

Shigeru Watanabe (Keio University)

14:40-15:10 *Helping another in need: Lessons from rats.*

Prof. Peggy Mason (The University of Chicago)

15:10-15:40 Discussion

(Chaired by Taichi Kusayama, Teikyo University)

15:40-16:10 *Neuroethology of complex social behavior.*

Prof. Michael L. Platt (Duke University)

16:10-16:40 Discussion

(Chaired by Yutaka Kosaki, Keio University)

16:40-17:00 Coffee Break

17:00-17:30 *The development and evolution of mathematical thinking.*

Prof. Elizabeth M. Brannon (Duke University)

17:30-18:00 Discussion

(Chaired by Juko Ando, Keio University)

18:00-18:30 General Discussion

Mitsuhiro Okada (Keio University)

18:30-18:35 Closing remark

Shigeru Watanabe

18:35- Reception



Prof. Mason's Research Overview

After a 25-year focus on the cellular mechanisms of pain modulation (how does morphine work? and related questions), my laboratory has begun to concentrate on the biological basis of empathy. While my interest in pain modulation endures, primarily through collaborative work, the bulk of the current work in the laboratory is focused on empathic helping. Additional interests are the development of feeding patterns during early life and the biology of vasomotor disorders (hot flashes, night sweats). (from The University of Chicago homepage)



Prof. Platt's Research Overview

The Platt lab is interested in the brain mechanisms responsible for making decisions, approached with a panoply of behavioral, neurophysiological, neuroimaging, pharmacological, and genetic techniques. Current research topics include (1) decision making under uncertainty, (2) social decision making, (3) outcome monitoring and learning from previous choices, (4) the explore/exploit dilemma, (5) anchoring and adjustment, and (6) developmental and genetic contributions to individual variation in choice behavior. (from Duke University homepage)



Prof. Brannon's Research Overview

Dr. Brannon's research program examines the evolution and development of quantitative cognition. She studies how number, time, and spatial extent are represented by adult humans, infants, young children and nonhuman animals without language. With her many collaborators at Duke she applies behavioral techniques, event-related potentials, functional magnetic resonance imaging, and single-unit physiology to explore the cognitive and neural underpinnings of numerical cognition in nonhuman primates and throughout the human lifespan. (From Duke University homepage)

主催: 文部科学省科学研究費補助金 新学術領域研究

共感性の進化・神経基盤



共催: 慶應義塾大学「論理と感性のグローバル研究センター」、「人間知性研究センター 認知・行動部門」、文科省科研費補助金 基盤研究(A)「教育過程の総合的行動遺伝研究(代表者 安藤寿康)

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