GRUTER INSTITUTE FOR LAW AND BEHAVIORAL RESEARCH &
THE FEDERAL JUDICIAL CENTER

Seminar on Law and Neuroscience
at
Stanford Law School
The Center for Law and the Biosciences
Stanford, California
June 5-6, 2008

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Law and Neuroscience Project
LAW AND NEUROSCIENCE PROJECT
Education and Outreach Program

Hosted by Stanford University Law School
June 5-6, 2008
Organized by the Federal Judicial Center and the Gruter Institute for Law and Behavioral Research

Faculty:

Oliver Goodenough: Law, Vermont Law School and Berkman Center, Harvard; http://cyber.law.harvard.edu/people/ogoodenough


Brian Knutson: Psychology and Neuroscience, Stanford; http://www-psych.stanford.edu/~knutson/

Adam Kolber: Law, Princeton and San Diego; http://www.sandiego.edu/usdlaw/faculty/facprofiles/kolberaj.php

Stephen Morse: Law, University of Pennsylvania; http://www.law.upenn.edu/cf/faculty/smorse/

Adina Roskies: Philosophy and Neuroscience, Dartmouth; http://www.dartmouth.edu/~adinar/

Robert Sapolsky: Biology and Neurology & Neurological Sciences, Stanford; http://med.stanford.edu/profiles/Robert_Sapolsky/

Walter Sinnott-Armstrong: Philosophy, Dartmouth, and Co-Director, Law and Neuroscience Project; http://www.dartmouth.edu/~wsa/

Thursday, June 5
(All conference sessions on June 5 to be held at the Stanford Law School, Room 280B)

7:40 a.m.  Shuttle Bus to Law School Departs Lobby of Stanford Park Hotel

8:00 a.m.  Breakfast provided at Law School (Crocker Garden)

8:30 - 9:00  Welcome and Mutual Introductions
Walter Sinnott-Armstrong
Professor of Philosophy
Dartmouth College

Hank Greely
Deane F. and Kate Edelman Johnson Professor of Law
Stanford Law School

Monika Gruter Cheney
Executive Director
Gruter Institute for Law and Behavioral Research

9:00 –10:30  Introduction to the New Neuroscience
Adina Roskies
Assistant Professor of Philosophy and Neuroscience
Dartmouth College

Oliver Goodenough
The Berkman Center for Internet and Society, Harvard University
Professor of Law, Vermont Law School

10:30 – 11:00  Break

11:00 – 12:30  Frontal Lobe Function: Decision Making; Behavior Control; Counter-Factual Thinking
Robert Sapolsky
John A. and Cynthia Fry Gunn Professor of Biological Sciences and Professor of Neurology and Neurological Sciences
Stanford University

Brian Knutson
Assistant Professor of Psychology and Neuroscience
Stanford University

Walter Sinnott-Armstrong

Stephen Morse
12:30 – 1:30  Lunch (Law School, Crocker Garden)

1:30 – 3:00  Applications to Criminal Law: An Interactive Case Approach to Admissibility, Responsibility, and Sentencing
             Robert Sapolsky
             and
             Hank Greely
             [For the Defense]
             versus
             Adina Roskies
             and
             [For the Prosecution]
             Stephen Morse

             Description: Participatory exercise for judges to evaluate issues of admissibility, responsibility and sentencing from evidence of frontal lobe damage, as presented by the scientists and lawyers in this hypothetical case.

3:00 – 3:30  Break

3:30 – 5:00  Measuring Individual Variation and Subjective States: Lie Detection, Pain Assessment, Punishment
             Panel:
             Hank Greely
             Brian Knutson
             Adam Kolber
             Laurance S. Rockefeller Visiting Fellow
             Princeton University
             and
             Associate Professor of Law
             University of San Diego

5:00 – 5:30  Open Discussion

5:30  Return to hotel

6:30  Dinner at Hotel (Atherton Room)
Friday, June 6
(All meals and conference sessions on June 6 to be held at the Stanford Park Hotel, Menlo Room)

8:00  Breakfast provided at Hotel (Menlo Room)

8:30 – 9:55  Memory
Speaker: Anthony Wagner
Associate Professor of Psychology and Neuroscience
Department of Psychology
Stanford University

Comment and Discussion: Adam Kolber
(including hypothetical to pose to judges)

9:55 – 10:10  Break

10:10 – 11:30 Emotion in Thought, Action and Law
Speaker: Brian Knutson
Comment and Discussion: Walter Sinnott-Armstrong and Oliver Goodenough

11:30 – 12:30 Is the Glass Half Full or Half Empty? Where Do We Go From Here?:
Comments by Stephen Morse and Oliver Goodenough, Guided Discussion, Closing Comments, Evaluations

12:30  Conference Concludes. Box lunches available.