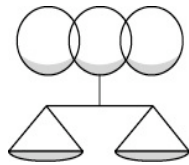


GRUTER INSTITUTE FOR
LAW AND BEHAVIORAL RESEARCH
&
THE FEDERAL JUDICIAL CENTER



Seminar on Law and Neuroscience

at

Stanford Law School

The Center for Law
and the Biosciences

Stanford, California

June 5-6, 2008

Funding for this program provided by

MACARTHUR
The John D. and Catherine T. MacArthur Foundation
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>

Hank Greely: Law, Stanford;

<http://www.law.stanford.edu/directory/profile/27/Henry%20T.%20%22Hank%22%20Greely/>

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

[psych.stanford.edu/~knutson/](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/>

Anthony Wagner: Psychology and Neuroscience, Stanford; [http://www-](http://www-psych.stanford.edu/~wagner/People/wagner_cv.pdf)

[psych.stanford.edu/~wagner/People/wagner_cv.pdf](http://www-psych.stanford.edu/~wagner/People/wagner_cv.pdf)

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

Ferdinand Wakeman Hubbell Professor of Law
Professor of Psychology and Law in Psychiatry
University of Pennsylvania Law School

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 [For the Defense]
Hank Greely

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.