

Judicial Seminar on Emerging Issues in Neuroscience

Sponsored by the

American Association for the Advancement of Science, the Federal Judicial Center, the National Center for State Courts, the American Bar Association Judicial Division, and the Dana Foundation

Harvard University Law School

Pound Hall

Cambridge, Massachusetts

September 20-21, 2010

AGENDA

DAY 1, September 20

- 8:00 a.m. Continental Breakfast in Room 334 of Pound Hall**
- 8:45 a.m. Welcome and Introductions in Room 335 of Pound Hall**
Mark S. Frankel (AAAS), **Glenn Cohen** (Harvard Law School), and **Barbara Rich** (Dana Foundation)
- 9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology**
Thomas Cochrane, Brigham and Women's Hospital and Harvard Medical School, will provide an overview of the technologies and methods used in brain research and what they can tell us.
- 10:30 a.m. Break**
- 10:45 a.m. Neuroscience in the Courts**
Carter Snead, University of Notre Dame School of Law, will discuss the ways in which information about neuroscience is currently entering the courts and what we can expect in the future.
- 12:00 p.m. Lunch in Room 332 of Pound Hall**
- 1:15 p.m. Adolescent Brain**
Abigail Baird, Vassar College, will focus on how the brain develops and the ways in which the adolescent brain differs from the adult brain.
- 2:30 p.m. The Neuroscience of Addiction**
Chuck O'Brien, University of Pennsylvania, will discuss the neurobiological bases of drug dependence.
- 3:45 p.m. Break**

NEXT PAGE →

- 4:00 p.m. The Neuroscience of Pain**
James Giordano, Potomac Institute for Policy Studies, Arlington, VA, will focus on the neuroscientific basis of pain and its assessment and treatment.
- 5:15 p.m. Adjourn for the day.**
- 6:45 p.m. Depart for dinner. Meet in hotel lobby to walk to restaurant.**
- 7:00 p.m. Group Dinner at Sandrine's Bistro**

DAY 2, September 21

- 8:30 a.m. Continental Breakfast in Room 334 of Pound Hall**
- 9:00 a.m. Coma and the Vegetative and Minimally Conscious States**
Michael Williams, Brain and Spine Institute, Sinai Hospital, Baltimore, will describe the physiology of impaired states of consciousness and discuss the ethical and legal issues regarding life sustaining interventions.
- 10:15 a.m. Break**
- 10:30 a.m. The Criminal Mind**
Adrian Raine, University of Pennsylvania, will discuss neurobiological factors that predispose to crime and violence, and what implications this research may have for punishment, responsibility, and treatment.
- 11:45 a.m. Lunch in Room 332 of Pound Hall**
- 1:00 p.m. The Neuroscience of True, False, and Imaginary Memories**
Daniel Schacter, Harvard University, will discuss the formation of memory and whether it may be possible to distinguish "true" memories from "false" or "imaginary" ones using imaging technology.
- 2:15 p.m. Break**
- 2:30 p.m. Brain Injury and Recovery**
Michael Alexander, Beth Israel Deaconess Medical Center and Harvard Medical School, will describe various types of brain injury and the potential for recovery.
- 3:45 p.m. Closing comments**
- 4:00 p.m. Adjourn**