

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, and the Dana Foundation
Chicago, Illinois
May 6-7, 2008

AGENDA

DAY 1, May 6

- 8:00 a.m. Continental Breakfast**
- 8:45 a.m. Welcome and Introductions**
Mark S. Frankel (AAAS), Nicole Waters (NCSC), Ruth Hill Bro(ABA), Barbara Rich (Dana Foundation)
- 9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology**
David Heeger, New York University, 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, Notre Dame University School of Law, will review how the courts view neuroscience evidence with respect to admissibility and use at trial and at post-trial proceedings.
- 11:45 a.m. Lunch**
- 12:45 p.m. The Neuroscience of Addiction**
Carlton Erickson, University of Texas-Austin, College of Pharmacy, will discuss the neurobiological bases of addiction.
- 2:00 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.
- 3:15 p.m. Break**
- 3:45 p.m. The Neuroscience of Pain**
Vania Apkarian, Northwestern University, will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.
- 5:00 p.m. Adjourn for the day**
- 6:30 p.m. Group Dinner**

DAY 2, May 7

8:30 a.m. Continental Breakfast

9:00 a.m. The Neuroscience of Memory

Craig Stark, University of California, Irvine, will discuss the formation of memory and whether it may be possible to distinguish “true” memories from “false” ones.

10:15 a.m. Break

10:30 a.m. Violence and the Brain

Emil Coccaro, University of Chicago, will discuss the neurobiological bases of violence.

11:45 p.m. Lunch

1:00 p.m. Neuroscience of Deception

Craig Stark, University of California, Irvine, will discuss whether deception can be detected using imaging technology.

2:15 p.m. Break

2:30 p.m. Comatose, Vegetative, and Minimally Conscious States

Michael Williams, Brain and Spine Institute, Sinai Hospital, Baltimore, will describe the physiology of impaired states of consciousness.

3:45 p.m. Closing comments and departing treats