

Judicial Seminar on Emerging Issues in Neuroscience
Sponsored by
American Association for the Advancement of Science, National Judicial College, the National Center
for State Courts, and the Dana Foundation

Reno, Nevada
May 11-12, 2009

AGENDA

DAY 1, May 11

- 8:00 a.m. Continental Breakfast**
- 8:45 a.m. Welcome and Introductions**
Mark S. Frankel (AAAS), **William Dressel** (National Judicial College), and **Barbara Rich** (Dana Foundation)
- 9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology**
Kevin LaBar, Duke 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 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.
- 2:00 p.m. The Neuroscience of Drug Dependence**
Gail Winger, University of Michigan, will discuss the neurobiological bases of drug dependence.
- 3:15 p.m. Break**
- 3:45 p.m. Neuroscience of Deception**
Craig Stark, University of California, Irvine, will discuss whether deception can be detected using imaging technology.
- 5:00 p.m. Adjourn for the day**
- 6:30 p.m. Group Dinner**

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DAY 2, May 12

8:30 a.m. Continental Breakfast

9:00 a.m. Violence and the Brain
Monte Buchsbaum, University of California, San Diego, will discuss the neurobiological bases of violence.

10:15 a.m. Break

10:30 a.m. The Neuroscience of Pain
Larry Driver, M.D. Anderson Cancer Center, Houston, will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.

11:45 p.m. Lunch

1:00 p.m. Adolescent Brain
Beatrice Luna, University of Pittsburgh Medical Center, will focus on how the brain develops and the ways in which the adolescent brain differs from the adult brain.

2:15 p.m. Break

2:30 p.m. Comatose, Vegetative, and Minimally Conscious States
Dan Larriviere, University of Virginia, will describe the physiology of impaired states of consciousness.

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