

**Judicial Seminar on Emerging Issues in Neuroscience**  
Sponsored by the  
American Association for the Advancement of Science,  
the National Judicial College, and the Dana Foundation  
Reno, Nevada  
November 14-15, 2007

**AGENDA**

**DAY 1, November 14**

- 8:00 a.m. Continental Breakfast**
- 8:45 a.m. Welcome and Introductions**  
Mark S. Frankel (AAAS), William Dressel (NJC), Barbara Rich (Dana Foundation)
- 9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology**  
Brian Wandell, Stanford 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**  
Joe Cecil, Federal Judicial Center, 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**  
George Koob, Scripps Research Institute and University of California at San Diego, will discuss the neurobiological bases of addiction.
- 2:00 p.m. Break**
- 2:15 p.m. Adolescent Brain**  
Jay Giedd, National Institutes of Health, will focus on how the brain develops and the ways in which the adolescent brain differs from the adult brain.
- 3:30 p.m. Cognition, Emotion and Decision-Making**  
Robert Knight, University of California at Berkeley, will discuss what neuroscience tells us about how people process information and make decisions, including the effect of emotion and social factors on human learning and behavior.
- 4:45 p.m. Dialogue on Deception**  
Steven Laken, Cephos Corporation, and Craig Stark, Johns Hopkins University, will present differing views on the ability of imaging technology to detect deception.

**6:15 p.m. Adjourn for the day**

**6:45 p.m. Group Dinner**

**DAY 2, November 15**

**8:00 a.m. Continental Breakfast**

**8:45 a.m. Memory**  
Craig Stark, Johns Hopkins University, will discuss the formation of memory and whether it may be possible to distinguish “true” memories from “false” ones.

**10:00 a.m. Memory Video**

**10:15 a.m. Break**

**10:30 a.m. Violence and the Brain**  
Monte Buchsbaum, Mount Sinai School of Medicine, will discuss the neurobiological bases of violence.

**11:45 p.m. Lunch**

**1:00 p.m. The Neuroscience of Pain**  
Perry Fine, University of Utah, will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.

**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, departing treats, and completion of evaluations.**