

**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**