

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

**Hosted by the College of Pharmacy at the University of Texas
AT&T Executive Education and Conference Center
Austin, Texas**

October 20-21, 2014

AGENDA

DAY 1, October 20

- 8:15 a.m. Continental Breakfast, Conferee Break Area**
- 8:45 a.m. Welcome and Introductions, Classroom 202**
Mark S. Frankel (AAAS), **M. Lynn Crismon** (Dean, College of Pharmacy, University of Texas-Austin), and **Barbara Rich** (Dana Foundation)
- 9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology**
Michael Rafii, University of California, San Diego, will provide an overview of the technologies and methods used in brain research and what they can tell us.
- 10:30 a.m. Break, Conferee Break Area**
- 10:45 a.m. The Neuroscience of Pain**
David Borsook, Harvard University, will discuss the neurological bases of pain and whether we can measure it.
- 12:00 p.m. Lunch, Private Dining Room 3**
- 1:15 p.m. The Neuroscience of Substance Dependence**
Carlton Erickson, University of Texas, Austin, will discuss the neurobiological bases of drug dependence and its treatment.
- 2:30 p.m. Break, Conferee Break Area**
- 2:45 p.m. Brain Damage and Its Treatment**
Mark Goldberg, University of Texas, Southwestern Medical Center, will focus on the types of brain damage and how they are treated.
- 4:00 p.m. Adjourn for the day**
- 6:30 p.m. Meet in hotel lobby for shuttle to dinner**

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7:00 p.m. Group Dinner at Parkside

DAY 2, October 21

8:30 a.m. Continental Breakfast, Conferee Break Area

9:00 a.m. Neuroscience in the Courts, Classroom 202
Nita Farahany, Duke University, will discuss the ways in which information about neuroscience is currently entering the courts and what we can expect in the future.

10:15 a.m. Break, Conferee Break Area

10:30 a.m. The Neuroscience of Memory and Deception
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 and whether deception can be detected using imaging technology.

11:45 a.m. Lunch, Private Dining Room 3

1:00 p.m. The Neuroscience of Violence
Jordan Grafman, Northwestern University, will discuss what we know about the neuroscience related to violent offenders and what this knowledge might contribute to legal determinations.

2:15 p.m. Break, Conferee Break Area

2:30 p.m. The Neuroscience of Aging
Dorene Rentz, Harvard University, will discuss the normal changes that occur in the brain with aging, as well as degenerative diseases, such as Alzheimer’s.

3:45 p.m. Closing comments

4:00 p.m. Adjourn