

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 Duke University School of Law and the Duke Initiative for Science and Society
May 8-9, 2017**

AGENDA

DAY 1, May 8

- 8:00 a.m.** **Meet in hotel lobby**
- 8:15 a.m.** **Continental Breakfast (Room 4055)**
- 8:45 a.m.** **Welcome and Introductions**
Deborah Runkle, AAAS, **Nita Farahany**, Duke Initiative for Science and Society, and **Dana Chipman**, FJC
- 9:00 a.m.** **Neuroanatomy, Neuroscience Methods and Technology**
Kevin LaBar, Duke University, will provide an overview of the anatomy and function of the brain and the technologies used in brain research.
- 10:30 a.m.** **Break**
- 10:45 a.m.** **The Neuroscience of Violence**
Adrian Raine, University of Pennsylvania, will discuss what we know about the neuroscience related to violent offenders and what this knowledge might contribute to legal determinations.
- 12:00 p.m.** **Lunch (Room 3000)**
- 1:00 p.m.** **The Aging Brain and the Dementias**
Dorene Rentz, Harvard University, will discuss the changes that occur in the brain with age and with degenerative diseases, such as Alzheimer's.
- 2:15 p.m.** **Break (Room 4055)**
- 2:30 p.m.** **The Neuroscience of Pain**
David Borsook, Harvard University, will discuss what happens in the brain when a person experiences pain.

NEXT PAGE →

- 3:45 p.m. Adjourn for the day**
- 6:30 p.m. Meet in hotel lobby for shuttle to dinner**
- 7:00 p.m. Group Dinner at Parizade**

DAY 2, May 9

- 8:45 a.m. Meet in hotel lobby**
- 9:00 a.m. Continental Breakfast (Room 4055)**
- 9:30 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 and whether deception can be detected using imaging technology.
- 10:45 a.m. Break (Room 4055)**
- 11:00 a.m. Adolescent Brain Development and Mental Illness**
Elaine Walker, Emory University, will explain what changes are happening in adolescents’ brains and the development of mental illness.
- 12:15 p.m. Lunch (Room 3000)**
- 1:15 p.m. The Neuroscience of Substance Dependence**
Jodi Gilman, Harvard University, will discuss what effects substance dependence has on the brain and how dependence can be treated.
- 2:30 p.m. Neuroscience and the Law**
Nita Farahany, Duke University, will discuss the ways in which findings in neuroscience may affect the law
- 3:45 p.m. Closing Remarks**
- 4:00 p.m. Adjourn**