

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 Center for the Neural Basis of Cognition, the University of Pittsburgh-Carnegie Mellon University
May 31-June 1, 2018

AGENDA

DAY 1, May 31

- 8:00 a.m.** Meet in hotel lobby
- 8:15 a.m.** Continental Breakfast, University Club, Conference Room A
- 8:45 a.m.** Welcome and Introductions, Conference Room B
Deborah Runkle, AAAS, Nathan Urban, Center for the Neural Basis of Cognition
- 9:00 a.m.** Neuroanatomy, Neuroscience Methods and Technology
Sarah Berman, University of Pittsburgh, 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 Opioid Crisis
Dan Ciccarone, University of California, San Francisco, will present the neuroscience, demography, and social factors associated with the ongoing opioid crisis.
- 12:00 p.m.** Lunch
- 1:00 p.m.** Brain Damage and Its Treatment
Jordan Grafman, Northwestern University, will discuss several types of brain damage, their effect on behavior, and their treatment.
- 2:15 p.m.** Break
- 2:30 p.m.** The Adolescent Brain
Erika Forbes, University of Pittsburgh, will explain what changes are happening in adolescents' brains and the implications for behavior.

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, Grand Concourse**

DAY 2, June 1

- 8:45 a.m. Meet in hotel lobby**
- 9:00 a.m. Continental Breakfast, University Club, Conference Room A**
- 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, Conference Room B**
- 11:00 a.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.
- 12:15 p.m. Lunch, Conference Room A**
- 1:15 p.m. The Neuroscience of Violence, Conference Room A**
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
- 2:30 p.m. The Neuroscience of Pain**
Ajay Wasan, University of Pittsburgh, will discuss what happens in the brain when a person experiences pain and how to treat pain.
- 3:45 p.m. Closing Remarks**
- 4:00 p.m. Adjourn**