

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 University of Arizona- James E. Rogers College of Law
November 2-3, 2017

AGENDA

DAY 1, November 2

8:00 a.m. Meet in hotel lobby

8:15 a.m. Continental Breakfast, James E. Rogers College of Law, Room 146.

8:45 a.m. Welcome and Introductions
Deborah Runkle, AAAS, **Marc Miller**, Dean of the University of Arizona School of Law

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, Room 146

10:45 a.m. The Neuroscience of Violence
Jordan Grafman, Shirley Ryan AbilityLab, Northwestern University, 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 146

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 146

2:30 p.m. The Neuroscience and Development of Psychosis
Elaine Walker, Emory University, will explain what changes are happening in adolescents' brains and the development of mental illness.

3:45 p.m. Adjourn for the day

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6:30 p.m. Meet in hotel lobby for shuttle to dinner

7:00 p.m. Group Dinner, Tavolino

DAY 2, November 3

8:45 a.m. Meet in hotel lobby

9:00 a.m. Continental Breakfast, Room 146

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 146

11:00 a.m. The Neuroscience of Pain

Dan Clauw, University of Michigan, will discuss what happens in the brain when a person experiences pain.

12:15 p.m. Lunch, Room 146

1:15 p.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.

2:30 p.m. Brain Damage and Its Treatment

Erin Bigler, Brigham Young University, will discuss several types of brain damage, their effect on behavior, and their treatment.

3:45 p.m. Closing Remarks

4:00 p.m. Adjourn