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, and the Dana Foundation

Hosted by the University of Colorado, Anschutz Medical Campus
September 23-24, 2019

AGENDA

DAY 1, September 23

8:00 a.m.  Meet in lobby  Embassy Suites by Hilton Denver/Stapleton

8:15 a.m.  Continental Breakfast

8:45 a.m.  Welcome and Introductions
Deborah Runkle, AAAS, John Reilly, University of Colorado School of Medicine

9:00 a.m.  An Overview of the Human Brain
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.

12:00 p.m.  Lunch

1:00 p.m.  Brain Injury, Its Prognosis and Treatment
Candace Floyd, University of Utah, will describe types of brain injury, what their behavioral manifestations are and how they are treated.

2:15 p.m.  Break

2:30 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.
3:45 p.m. Childhood Trauma
Margaret Sheridan, University of North Carolina, Chapel Hill, will address the neurological and behavior effects of childhood trauma.

5:00 p.m. Adjourn for the day

7:00 p.m. Meet in hotel lobby

7:30 p.m. Group dinner at El Five

DAY 2, September 24

8:45 a.m. Meet in hotel lobby

9:00 a.m. Continental Breakfast

9:30 a.m. The Opioid Epidemic
Andrew Kolodny, Brandeis University, will present the neuroscience, demography, treatment, and social factors associated with the ongoing opioid crisis.

10:45 a.m. Break

11:00 a.m. The Neuroscience of Pain
Karsten Bartels, University of Colorado, Denver, will discuss what happens in the brain when a person experiences pain and how to treat pain.

12:15 p.m. Lunch

1:15 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.

2:30 p.m. The Adolescent Brain
Adriana Galvan, University of California, Los Angeles, will discuss the changes taking place in the adolescent brain and the implications for behavior.

3:45 p.m. Closing Remarks

4:00 p.m. Adjourn