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 Wisconsin-Madison Neuroscience and Public Policy Program and Law School

Madison, Wisconsin
June 2-3, 2014

AGENDA

DAY 1, June 2

8:00 a.m.  Depart hotel. Meet in hotel lobby to board shuttle.

8:15 a.m.  Continental Breakfast

8:45 a.m.  Welcome and Introductions
Mark S. Frankel (AAAS), Margaret Raymond (University of Wisconsin Law School) and Barbara Rich (Dana Foundation)

9:00 a.m.  Neuroanatomy, Neuroscience Methods and Technology
Thos Cochrane, Harvard University, will provide an overview of the technologies and methods used in brain research and what they can tell us.

10:30 a.m.  Break

10:45 a.m.  Coma and the Vegetative and Minimally Conscious States
Michael Williams, LifeBridgeHealth, Baltimore, will describe the physiology of impaired states of consciousness and discuss the ethical and legal issues regarding life sustaining interventions.

12:00 p.m.  Lunch

1:15 p.m.  The Adolescent Brain
Abigail Baird, Vassar College, will focus on how the brain develops and the ways in which the adolescent brain differs from the adult brain.

2:30 p.m.  The Neuroscience of Pain
Dan Clauw, University of Michigan, will focus on what neuroscience research can tell us about the causes and treatment pain.

3:45 p.m.  Break
4:00 p.m.  **Neuroscience in the Courts**  
*Carter Snead*, Notre Dame University, will discuss the ways in which information about neuroscience is currently entering the courts and what we can expect in the future.

5:15 p.m.  Adjourn for the day. A shuttle will return you to the hotel.

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

7:00 p.m.  **Group Dinner**

**DAY 2, June 3**

8:00 a.m.  Depart hotel. Meet in hotel lobby to board shuttle.

8:30 a.m.  **Continental Breakfast**

9:00 a.m.  **The Neuroscience of Substance Dependence**  
*Richard Brown*, University of Wisconsin-Madison, will discuss the neurobiological bases of drug dependence and its treatment.

10:15 a.m.  **Break**

10:15 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**

1:00 p.m.  **The Neuroscience of Violence**  
*Jordan Grafman*, Northwestern University, will discuss the methods of psychiatric diagnoses of violent offenders and what they might contribute to legal determinations.

2:15 p.m.  **Break**

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**  
*Ronald Kalil* (Neuroscience and Public Policy Program)

4:00 p.m.  Adjourn. Shuttle will return to hotel.