

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,
and hosted by the University of Minnesota School of Law**

**University of Minnesota School of Law
McNamara Alumni Center
Minneapolis, Minnesota
October 25-26, 2012**

AGENDA

DAY 1, October 25

- 8:00 a.m.** **Meet in hotel lobby to walk to McNamara Alumni Center**
- 8:15 a.m.** **Continental Breakfast in Johnson Great Room at McNamara Alumni Center**
- 8:45 a.m.** **Welcome and Introductions in Ski-U-Mah (next door to Johnson Great Room)**
Mark S. Frankel (AAAS)
- 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 in Johnson Great Room**
- 10:45 a.m.** **Neuroscience in the Courts**
Carter Snead, University of Notre Dame, will discuss the ways in which information about neuroscience is currently entering the courts and what we can expect in the future.
- 12:00 p.m.** **Lunch in Johnson Great Room**
- 1:15 p.m.** **Brain Injury, Disability, Recovery and Assessment**
Kathleen Bell, University of Washington, will address how brain impairment is diagnosed, how its effect on everyday functioning is assessed, and to what extent therapy can minimize the negative effects of brain injury or disease.
- 2:30 p.m.** **Coma and the Vegetative and Minimally Conscious States**
Dan Larriviere, Ochsner Medical Center, New Orleans, will describe the physiology of impaired states of consciousness and discuss the ethical and legal issues regarding life sustaining interventions.
- 3:45 p.m.** **Break in Johnson Great Room**

NEXT PAGE →

- 4:00 p.m. The Neuroscience of Mental Illness**
Stephen Olson, University of Minnesota, will focus on what neuroscience research can tell us about the causes of mental illness and its treatment.
- 5:15 p.m. Adjourn for the day**
- 6:30 p.m. Meet in hotel lobby to board bus for dinner**
- 7:00 p.m. Group Dinner at Eat Street Social**

DAY 2, October 26

- 8:15 a.m. Meet in hotel lobby to walk to McNamara Alumni Center**
- 8:30 a.m. Continental Breakfast in Johnson Great Room at McNamara Alumni Center**
- 9:00 a.m. The Neuroscience of Memory and Deception in Ski-U-Mah**
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.
- 10:15 a.m. Break in Johnson Great Room**
- 10:30 a.m. The Neuroscience of Violence**
Adrian Raine, University of Pennsylvania, will discuss the methods of psychiatric diagnoses of violent offenders and what they might contribute to legal determinations.
- 11:45 a.m. Lunch in Johnson Great Room**
- 1:00 p.m. The Neuroscience of Substance Dependence**
Carlton Erickson, University of Texas, Austin, will discuss the neurobiological bases of drug dependence.
- 2:15 p.m. Break in Johnson Great Room**
- 2:30 p.m. The Aging Brain**
Mary Ganguli, University of Pittsburgh, will focus on the normal changes in the brain as it ages, as well as the pathologies that can develop.
- 3:45 p.m. Closing comments**
- 4:00 p.m. Adjourn**