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 Ochsner Medical Center

Ochsner Medical Center
New Orleans, Louisiana
June 28-29, 2012

AGENDA

DAY 1, June 28

8:00 a.m. Continental Breakfast

8:45 a.m. Welcome and Introductions
Mark S. Frankel (AAAS), and Barbara Rich (Dana Foundation)

9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology
A speaker 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. Neuroscience in the Courts
A speaker 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

1:15 p.m. The Neuroscience of Substance Dependence
Charles O’Brien, University of Pennsylvania, will discuss the neurobiological bases of drug dependence.

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
4:00 p.m. The Neuroscience of Pain
A speaker will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.

5:15 p.m. Adjourn for the day.

6:45 p.m. Depart for dinner.

7:00 p.m. Group Dinner

DAY 2, June 29

8:30 a.m. Continental Breakfast

9:00 a.m. The Neuroscience of Mental Illness
A speaker will address the underlying neurological causes of mental illness.

10:15 a.m. Break

10:30 a.m. The Neuroscience of Violence
A speaker will discuss the methods of psychiatric diagnoses of violent offenders and what they might contribute to legal determinations.

11:45 a.m. Lunch

1:00 p.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.

2:15 p.m. Break

2:30 p.m. Adolescent Brain
A speaker will focus on how the brain develops and the ways in which the adolescent brain differs from the adult brain.

3:45 p.m. Closing comments

4:00 p.m. Adjourn