Judicial Seminar on Emerging Issues in Neuroscience
Sponsored by
American Association for the Advancement of Science, Federal Judicial Center, National Center for
State Courts, James A. Baker III Institute for Public Policy, Rice University,
and the Dana Foundation

Houston, Texas
October 6-7, 2008

AGENDA

DAY 1, October 6

8:00 a.m. Continental Breakfast

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

9:00 a.m. Neuroanatomy, Neuroscience Methods and Technology
Marcus Raichle, Washington University, St. Louis, 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
Carter Snead, Notre Dame University School of Law, will review how the courts
view neuroscience evidence with respect to admissibility and use at trial and at post-
trial proceedings.

11:45 a.m. Lunch

12:45 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.

2:00 p.m. Adolescent Brain
Shoshana Eitan, Weizmann Institute, Israel/Texas A&M University, will focus on
how the brain develops and the ways in which the adolescent brain differs from the
adult brain.

3:15 p.m. Break

3:45 p.m. Neuroscience of Deception
Craig Stark, University of California, Irvine, will discuss whether deception can be
detected using imaging technology.

5:00 p.m. Adjourn for the day
6:30 p.m.  Group Dinner

**DAY 2, October 7**

8:30 a.m.  Continental Breakfast

9:00 a.m.  **Violence and the Brain**
*Jordan Grafman*, National Institutes of Health, will discuss the neurobiological bases of violence.

10:15 a.m.  Break

10:30 a.m.  **The Neuroscience of Pain**
*Larry Driver*, M.D. Anderson Cancer Center, Houston, will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.

11:45 p.m.  Lunch

1:00 p.m.  **The Neuroscience of Drug Dependence**
*Carlton Erickson*, University of Texas-Austin, College of Pharmacy, will discuss the neurobiological bases of drug dependence.

2:15 p.m.  Break

2:30 p.m.  **Comatose, Vegetative, and Minimally Conscious States**
*Jose Suarez*, Baylor College of Medicine, will describe the physiology of impaired states of consciousness.

3:45 p.m.  Closing comments and departing treats