

Judicial Seminar on Emerging Issues in Neuroscience
Sponsored by the
American Association for the Advancement of Science,
Federal Judicial Center, National Center for State Courts, Judicial Division of the American
Bar Association, the Society for Neuroscience, and the Dana Foundation

San Diego, California
November 13, 2010

AGENDA

- 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**
James Brewer, University of California, San Diego, will provide an overview of the technologies and methods used in human brain research and what they can tell us.
- 10:30 a.m. Break**
- 10:45 a.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, including a look at deception and the science of detecting it.
- 12:00 p.m. Lunch**
- 1:00 p.m. The Psychopathic Mind**
Kent Kiehl, University of New Mexico, will discuss the neurophysiology of criminals with psychopathy
- 2:15 p.m. The Neuroscience of Drug Dependence**
George Koob, Scripps Research Institute and University of California at San Diego, will discuss the neurobiological bases of drug dependence.
- 3:30 p.m. Break**
- 3:45 p.m. The Science and Practice of Pain Relief**
Scott Fishman, University of California, Davis, will focus on what neuroscience research can contribute to developing an objective basis for assessing pain.
- 5:00 p.m. Adjourn**