

## 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 California, San Diego, School of Medicine, Psychiatry Department  
October 29-30, 2018

### AGENDA

#### DAY 1, October 29

- 8:00 a.m.**      **Meet in hotel lobby**, Sheraton La Jolla, 3299 Holiday Court, La Jolla
- 8:15 a.m.**      **Continental Breakfast**  
Stein Clinical Research Building, Conference Room 247
- 8:45 a.m.**      **Welcome and Introductions**  
Conference Room 148  
**Deborah Runkle**, AAAS, **Robert Anthenelli**, Department of Psychiatry, UC San Diego Medical School
- 9:00 a.m.**      **Neuroanatomy, Neuroscience Methods and Technology**  
**Michael Rafii**, University of Southern California, will provide an overview of the anatomy and function of the brain and the technologies used in brain research.
- 10:30 a.m.**      **Break**  
Conference Room 247
- 10:45 a.m.**      **Brain Damage and Its Treatment**  
**Steven C. Cramer**, University of California, Irvine, will describe types of brain damage, what their behavioral manifestations are and how they are treated.
- 12:00 p.m.**      **Lunch**  
Conference Room 247
- 1:00 p.m.**      **The Neuroscience of Memory**  
**Craig Stark**, University of California, Irvine, will discuss the formation of memory, whether it may be possible to distinguish “true” memories from “false” ones, and whether deception can be detected using imaging technology.

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- 2:15 p.m. Break**  
Conference Room 247
- 2:30 p.m. Adolescent Brain Development and Mental Illness**  
**Elaine Walker**, Emory University, will explain what changes are happening in adolescents' brains and the development of mental illness.
- 3:45 p.m. Adjourn for the day**
- 6:30 p.m. Meet in hotel lobby for shuttle to dinner**
- 7:00 p.m. Group Dinner**  
George's on the Cove

**DAY 2, October 30**

- 8:45 a.m. Meet in hotel lobby**
- 9:00 a.m. Continental Breakfast**  
Stein Clinical Research Building, Conference Room 344
- 9:30 a.m. The Opioid Crisis**  
Conference Room 148  
**Dan Ciccarone**, University of California, San Francisco, will present the neuroscience, demography, and social factors associated with the ongoing opioid crisis.
- 10:45 a.m. Break**  
Conference Room 344
- 11:00 a.m. The Aging Brain and the Dementias**  
**Dorene Rentz**, Harvard University, will discuss the changes that occur in the brain with age and with degenerative diseases, such as Alzheimer's.
- 12:15 p.m. Lunch**  
Conference Room 344
- 1:15 p.m. The Neuroscience of Violence**  
**Jordan Grafman**, Northwestern University, will discuss what we know about the neuroscience related to violent offenders
- 2:30 p.m. The Neuroscience of Pain**

**David Borsook**, Harvard University, will discuss what happens in the brain when a person experiences pain and how to treat pain.

**3:45 p.m.      Closing Remarks**

**4:00 p.m.      Adjourn**