Born Bad?
Violence, Punishment, and the Brain

Tuesday, October 28, 2014 | 7:00 pm

Scientists have been trying to understand the minds of criminals for decades. There is increasing evidence showing a biological basis for violent behavior, but how this knowledge should be used to protect society and what it means in the courtroom are open questions. Tragedies ranging from the streets of Philadelphia to Sandy Hook, CT lead us to wonder—could this behavior be predicted and prevented? Join experts in neurology, criminology, and public health from the University of Pennsylvania and Children’s Hospital of Philadelphia to explore the biological, environmental, and moral issues surrounding these crimes.

SPEAKERS:
Adrian Raine, Ph.D.
Richard Perry University Professor of Criminology & Psychiatry, University of Pennsylvania

Susan Rushing, M.D., J.D.
Founder, Holistic Cognitive Consultants LLC and Clinical Associate in Psychiatry, University of Pennsylvania

Roy Wade Jr., M.D., Ph.D., M.P.H.
Stoneleigh Foundation Fellow and Clinical Instructor of General Pediatrics, Children’s Hospital of Philadelphia

HEAD GAMES: SPORTS AND TRAUMATIC BRAIN INJURIES

Monday, September 29, 2014 | 7:00 pm

Did you know that when you hit your head, you “see stars” because the impact makes your brain cells misfire? Most people are aware of the dangers of concussions in professional sports, but the rate of youth concussions in football, soccer, and other sports also continues to climb. Join former Philadelphia Eagle Jeremiah Trotter and experts from Penn Medicine and Jefferson Comprehensive Concussion Center to learn about the sideline symptoms of head injuries, explore how concussions affect brain development, and discuss whether the rules of the game need to change.

SPEAKERS:
Meghan Mattson
Concussion Clinical Assistant and Field Athletic Trainer, Jefferson Comprehensive Concussion Center and Rothman Institute

Douglas H. Smith, M.D.
Director, Center for Brain Injury and Repair; Robert A. Groff Professor and Vice Chairman of Neurosurgery, University of Pennsylvania

Jeremiah Trotter
Former linebacker, Philadelphia Eagles

Conversations About Neuroscience and Society are supported in part by the Dolfinger-McMahon Foundation.
Did you know that your brain physically changes every time you learn something? When you are young, the brain grows and changes most rapidly as you learn everything for the first time. Yet key functions of planning and self-control only develop late in adolescence. Armed with the knowledge of how the young brain develops, how can we nurture our children today to ensure their success in the future? Join experts from the University of Pennsylvania and Children’s Hospital of Pennsylvania to explore how the brain develops—from infancy to adolescence—and discuss how this knowledge can be used to inform and improve education.

**Speakers:**

- **Rebecca Ichord, M.D.**  
  Associate Professor of Neurology, Children’s Hospital of Philadelphia
- **Frances Jensen, M.D.**  
  Professor and Chair of Neurology, University of Pennsylvania
- **David Meketon**  
  School Liaison and Research Coordinator, Positive Psychology Center, University of Pennsylvania