

**The Neurobiology of Violence Symposium**  
**Alumni Hall 7<sup>th</sup> Floor Auditorium**  
**Friday, March 20**

The University of Pittsburgh Brain Institute is proud to host a unique symposium to spark a much-needed discussion about a public health plague. The “Neurobiology of Violence” event will bring together national and international experts to examine what is known – and what is not – about the neural basis for aggressive behaviors. There are many unanswered questions: Were these individuals born with the potential to commit such crimes? Did early childhood experiences shape their actions? Can these propensities be identified/diagnosed and treated? Fundamentally, did their brains make them do it? This event is open to the public. Please register by March 16, 2020.

**Welcome**

10:00 - 10:15 AM

**The Neurobiological Roots of Aggression**

David J. Anderson, PhD  
California Institute of Technology  
10:15 - 11:00 AM

**Antisocial Behavior: How can neuroscience and genetic research improve our understanding of environmental risk?**

Essi Viding, PhD  
University College London  
11:15 AM - 12:00 PM

**Break**

12:00 - 1:15 PM

**The Usual Suspects Magnetized: Insights from forensic MRI studies**

Kent Kiehl, PhD  
University of New Mexico  
Mind Research Network  
1:15 - 2:00 PM

**The Anatomy of Violence: Implications for prediction, prevention, and punishment**

Adrian Raine, PhD  
University of Pennsylvania  
2:15 - 3:00 PM

**Break**

3:00 - 3:30 PM

**Panel Discussion: Did their brains make them do it? A discussion about a neurobiological basis for violence.**

Guest speakers will be joined by University of Pittsburgh experts:  
Lia Ahonen, PhD; Beatriz Luna, PhD; Edward Mulvey, PhD; Daniel Shaw, PhD  
3:30 - 5:00 PM