

University of Wisconsin



Neuroscience &
Public Policy Program

presents

**“Some Big Data and some Small Data
on brain behavior, law and society”**

I will present our methodology and agenda for Big Data work on brain development related to behavior, and show how a community cohort of children and adolescents can help elucidate brain development and aberrations related to psychopathology. Within this context, I will focus on “externalizing behavior” and show some results on how such behavior relates to brain structural and functional development. I will conclude with data from a relatively small sample of about 50 capital defendants, where neurocognitive deficits and brain abnormalities may relate to issues of mechanism and culpability.

Paul Bach-Y-Rita Memorial Lecturer

Dr. Ruben Gur

Professor, Departments of Psychiatry, Radiology & Neurology
Director, Brain Behavior Laboratory and the Center for Neuroimaging in Psychiatry
Perelman School of Medicine, University of Pennsylvania

Thursday, February 22nd

3:00 p.m.

Biotechnology Auditorium 1111
Genetics & Biotechnology Center
(425 Henry Mall)

For additional information or to meet with Dr. Gur, contact Mallory Musolf, musolf@wisc.edu.