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.