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**Title:** The juvenile antisocial brain: brain imaging studies in clinically antisocial youth with nascent psychopathic traits  
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The Juvenile Antisocial Brain: Brain Imaging Studies In Clinically Antisocial Youth With Nascent Psychopathic Traits

1. Conduct Disorder (CD) with Callous-Unemotional (CU) traits involves connectional imbalance of major amygdala subregions / this thesis

2. Distinct alterations in amygdala subregional connections may undergird hyper- and hypoemotionality / this thesis

3. Amygdala subregional connections exhibit unique and dissociable relations with different traits of psychopathy / this thesis

4. Interactions between the oxytocinergic system and CU traits among CD youth affect socioaffective brain systems / this thesis

5. Psychopathy is a neurodevelopmental disorder, involving maladaptive socioaffective repertoires that are deeply ingrained in one’s personality by adulthood, while remaining more elastic and susceptible to change in younger ages / Nathaniel Anderson & Kent Kiehl (Restorative Neurology and Neuroscience, 2014)

6. Psychopathic traits in both juvenile and adult populations are crucially underpinned by amygdala-centered network dysfunctions / James Blair (Nature Neuroscience, 2013)


8. Oxytocinergic effects on human behavior are effectively moderated by contextual and individual factors, and should therefore ideally be studied via interactionist methods / Jennifer Bartz (Trends in Cognitive Science, 2011)

9. Imagination is more important than knowledge, for knowledge is limited to what we know whilst imagination encircles the entire world / adapted from Albert Einstein (1879-1955)

10. Humility is warranted regarding our understanding of the human brain, for even our most advanced and powerful tools remain pretty blunt instruments for decoding the brain / adapted from Thomas R. Insel (1951-)

Moji Aghajani