Human Brain Effects of Prenatal Exposure to Air Pollution

This talk will focus on a brain imaging study in a pregnancy cohort based within northern Manhattan. Multimodal MRI was acquired in more than 300 children 9-12 years of age. We assessed the correlations of prenatal exposure to polycyclic aromatic hydrocarbons with brain MRI measures in childhood, and how brain measures mediated cognitive and behavioral outcomes. Peterson, 2015. PMID:25807066, Margolis, 2016. PMID: 26989990