

# 154<sup>th</sup> WPI-IIIS Seminar

## Circuit Maturation and Behavioral Ontogeny

Early life experiences crucially define cognitive and mental health function throughout life. Childhood and adolescence are the predominant age of onset for most mental disorders and are periods during which key brain areas involved in emotional processing are maturing. Maturation of these brain circuits depends on life experience, making the young brain highly sensitive to stress and potentially susceptible to mental illness. To understand the link between early life, stress and brain maturation our lab studies the maturation of functional brain circuits: How the brain wires together in early life to allow the emergence and refinement of complex behavior.



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Date: **Wednesday, July 10, 2019**

Time: **12:00 – 13:00**

Venue: **1F Auditorium, IIIS Building**



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