



The CCN Executive Committee invites you to the Distinguished Speaker Series



Dr. Bradley Schlaggar

A. Ernest and Jane G. Stein Professor of Developmental Neurology
Professor of Radiology, Pediatrics, and Anatomy & Neurobiology
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Investigating the Development of the Brain's Functional Network Architecture

Friday, January 30, 2015

1:00-2:30pm, Conrad Prebys Aztec Student Union Theatre, 2nd Floor

2:30-3:30pm, Light reception to follow on the 4th floor outdoor terrace

A full understanding of the development of the brain's functional network architecture requires both an understanding of developmental changes in neural processing in individual brain regions, and an understanding of changes in inter-regional interactions. Resting state functional connectivity MRI (rs- fcMRI) is increasingly being used to study functional interactions between brain regions in both adults and children. In this presentation I will briefly describe methods used to study functional interactions and networks with rs-fcMRI and how these methods have been used to define developmental changes in network functional connectivity. The implementation of multivariate pattern analysis methods has allowed us to make predictions about the maturity of the brain's functional network architecture in individuals. The implications of these approaches for understanding typical and atypical development of the brain's functional network architecture will be discussed. Website: <http://www.nil.wustl.edu/schlaggar/>

SDSU Center for Clinical and Cognitive Neuroscience Website: <http://slhs.sdsu.edu/ccn>

Paid parking is available in PS6.