

# MAURY STRAUSS DISTINGUISHED PUBLIC LECTURE

Presented by the Fralin Biomedical Research Institute at VTC



## DAMIEN FAIR, PA-C, Ph.D.

Professor  
Institute of Child Development  
Department of Pediatrics  
College of Education and Human Development  
Director, Masonic Institute for the Developing Brain  
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## *In Person Lecture: Developmental Cognitive Neuroscience in the Era of Big Data*

Developmental cognitive neuroscience is being pulled in new directions by network science and big data. Brain imaging (e.g. functional MRI, functional connectivity MRI), analytical advances (e.g. graph theory, machine learning), and access to large computing resources have empowered us to collect and process neuro-behavioral data faster and in larger populations than ever before. The clinical and translational potential from these advances is unparalleled, as a better understanding of complex human brain function is best grounded in the onset of these functions during human development. Here Dr. Fair examines the state of developmental cognitive neuroscience in the era of networks and 'big data' and highlight the solid footing we can take forward into future discovery and real world applications.

THURSDAY, FEB. 9, at 5:30 p.m.

(Reception and hors d'oeuvres at 5 p.m.)

Room M203, 2 Riverside Circle, or watch via Zoom: <https://FralinBioMed.info/DPL-Join>.



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