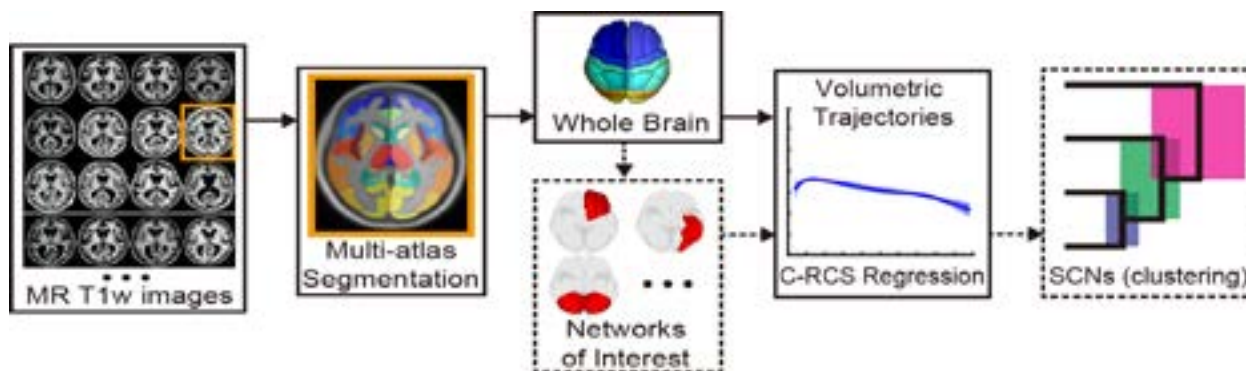


## Vanderbilt Kennedy Center Biostatistics and Bioinformatics Core Training Seminar



### Brain Development and Aging through the Lens of Inter-Network Relationships: Application of Statistical Methods to Neuroimaging Data

Using different ways to analyze neuroimaging data, particularly in the context of combining multiple datasets into conglomerated datasets are a consistent challenge in neuroscience research, and especially pertinent for intellectual and developmental disabilities research, where small sample sizes are particularly common.

In this workshop, Drs. Laurie Cutting (Director, Translational Neuroimaging Core C) and Hakmook Kang (Director, Biostatistics Core E) will present ways in which the Cores have collaborated to analyze 'big data' neuroimaging datasets and will describe statistical approaches not typically applied to neuroimaging data. As an exemplar of this approach, findings from large neuroimaging dataset (>5000 scans) that characterized brain data over the lifespan will be described.

*The VKC welcomes persons with disabilities. Contact [kc@vanderbilt.edu](mailto:kc@vanderbilt.edu) or (615) 322-8240 for disability access information*

**Monday, April 9, 2018**

12-1 p.m. • Room 241

VKC/One Magnolia Circle Building

**Laurie Cutting, Ph.D.**

Patricia and Rodes Hart Professor of Special Education • Professor of Psychology, Radiology, and Pediatrics • Associate Director, Vanderbilt Kennedy Center

**Hakmook Kang, Ph.D.**

Assistant Professor of Biostatistics

**Katherine S. Aboud**

Ph.D.Candidate

**Lunch will be provided.**

**Please register by Thursday, April 5, at**

<http://vkc.mc.vanderbilt.edu/events/>