

RISE Talks Series*

- Who?** Jessica Paxton, Ph.D.
Neuropsychology and Neuroscience
Laboratory, Kessler Foundation
- What?** Reconstructing Executive Control in
Healthy Aging and Traumatic Brain
Injury
- Where?** Drew U., Hall of Sciences, Room 326
- When?** 12:00-1:00 on Friday, February 14

Executive control refers to the cognitive abilities required to pursue goals in effortful and non-routine situations. Many individuals in our society such as healthy older adults and individuals suffering from traumatic brain injury (TBI) demonstrate impairment in executive control. Effective and efficient methods of rehabilitating executive control are needed. The development of effective rehabilitation techniques for improving executive control will be informed by research examining patterns of brain activation measured with functional magnetic resonance imaging (fMRI) while participants perform executive control tasks. Results of experiments investigating behavioral and neuroimaging indicators of executive control in healthy aging and individuals with TBI will be presented.

*An occasional series of talks open to all