

Jason Yeatman

University of Washington

Will present a seminar entitled:

“The neural circuitry of reading”

Friday November 6, 2015

3:00 PM

CMRR Seminar Room 2-102

Abstract:

Learning to read requires coordinating signals between visual, auditory, and language cortex; the bundles of axons that connect this circuitry are critically important for reading. In this talk I will discuss how new MRI methods, in combination with computational modeling, are paving the way for a circuit-level understanding of how we read. By combining diffusion MRI, quantitative T1 mapping, and functional MRI, we are constructing a detailed description of how the structure and function of the brain's reading circuitry leads to the critical behavior that it supports.

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