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.