

Thursday, April 9th, 2020, 2pm ET
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Bridging cognitive and neural theories of reading and its recovery with representational similarity analysis

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There is agreement about the neural regions involved in reading, but disagreement about the function of those regions. I will present several recent studies from my lab that use representational similarity analysis (RSA) as a novel technique for linking brain activity from neuroimaging experiments with different levels of representation in the cognitive reading system. I will present results showing how RSA can be used to address longstanding questions about the function of different brain regions in the reading network and demonstrate how it can provide a tool for mapping the reorganization of reading following brain damage.

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