

Applications are invited for an NSF-funded postdoctoral position coordinating a multi-year research project in the Georgetown Laboratory for Relational Cognition, directed by Adam Green. This project will be conducted in collaboration with the laboratories of Bob Kolvoord at James Madison, David Kraemer at Dartmouth, and David Uttal at Northwestern. The project will investigate cognitive and neural changes/plasticity associated with classroom learning of spatial STEM concepts and relational reasoning strategies in high school students, applying behavioral and advanced MRI measures. The primary responsibility of the postdoctoral scientist will be working with high school administrators, teachers, and students in the Washington, D.C. region of northern Virginia to coordinate and conduct testing, both in the high schools (behavioral) and at Georgetown (MRI). The postdoc will also directly oversee project-dedicated research assistants and graduate students who will support behavioral and MRI data collection. There will be ample opportunity to engage with advanced MRI data analysis.

Applicants should hold a Ph.D. (or anticipate a Ph.D. by spring of 2017) in an area related to education and/or cognitive neuroscience, and will ideally begin work on this project in early fall or late summer of 2017. Favorable consideration will be given to applicants with experience or substantial interest in K-12 educational settings, advanced statistical data analysis, and human neuroimaging, and to those with a record of productivity and strong organizational and interpersonal skills.

Any informal inquiries can be sent to Adam Green (aeg58@Georgetown.edu). Interested candidates should send a CV and a letter of application describing research interests and professional goals to Nhi Dinh (Nhi.Dinh@georgetown.edu), and should indicate three professional references who can readily provide letters of recommendation. Review of applications will begin in April 2017 and continue until the position is filled.