

## **Post-doctoral Position in Cognitive Neuroscience of Attentional Control**

We are seeking a full-time postdoctoral research associate with interest in the cognitive neuroscience of attentional control to contribute to a ONR-funded MURI project at Washington University in St. Louis, in a collaboration that includes Todd Braver, Julie Bugg, and Wouter Kool. The project focuses on the neurocomputational mechanisms underlying attentional control, how attentional control measures can be used as meaningful individual differences, and how these can be applied towards development of new attentional training strategies, via a multi-method approach that combines fMRI and EEG neuroimaging with computational modeling. As a part of the MURI project, this position will involve collaboration with multiple American and Australian universities. It will provide outstanding training experiences in a wide-range of theoretical and methodological approaches within the computational cognitive neuroscience of attentional control, and the opportunity to enhance professional development skills.

Preference will be given for candidates with strong quantitative and/or neuroimaging skills, along with prior relevant research experience in cognitive neuroscience, cognitive science, or psychology. The ideal candidate will be detail-oriented and collaborative as well as interested in pursuing a research-oriented career, as the position will entail data analysis, manuscript preparation, and the opportunity to develop independent lines of research.

Washington University in St. Louis was founded in 1853 and is an internationally recognized center of excellence. Its Danforth and medical campus are consistently ranked in the top 20 nationally and Washington University has the 10<sup>th</sup> largest private university endowment in the nation. The postdoctoral researcher will be well supported by a wealth of institutional resources on both campuses, including the opportunity to interact with faculty from the Department of Psychological and Brain Sciences and the Department of Radiology. The St. Louis metropolitan area has a population of ~3 million individuals, with over 200 parks, access to ample outdoor recreation, and a modest cost of living.

**Minimum Requirements:** Ph.D. degree in psychology, neuroscience, or a related field (upon job start date), evidence of significant research experience in area(s) relevant to the project

**Preferred Qualifications:**

- Expertise or interest in the cognitive neuroscience of attentional or cognitive control
- Substantial experience with processing and analyses of human neuroimaging data
- Exceptional quantitative skills (e.g., computational modeling, fluency in R, MATLAB, or Python)
- Excellent written, oral, and interpersonal communication skills
- Ability to work well as part of a collaborative team

**Salary:** Salary is consistent with NIH post-doctoral stipends and based on the candidate's career stage.

**Start date:** Fall 2023 – negotiable start date

**How to Apply:** To apply for this position, please navigate to <https://jobs.wustl.edu/> and search for job opening number [JR76471](#). In addition, interested applicants should email a cover letter describing their research interests, relevant experience, and career goals and their CV, including contact information for three references to Drs. Todd Braver ([tbraver@wustl.edu](mailto:tbraver@wustl.edu)), Julie Bugg ([jbugg@wustl.edu](mailto:jbugg@wustl.edu)), and Wouter Kool ([wkool@wustl.edu](mailto:wkool@wustl.edu)). Questions about the positions can also be sent to Drs. Braver, Bugg and Kool. Applications will be reviewed on a rolling basis and until the position is filled.

Our labs are committed to diversity, equity, and inclusion. We strongly encourage applications from candidates who are committed to contributing to this goal in addition to applicants from groups historically underrepresented in STEM.