**Faculty mentor:** Russell Poldrack

**Research supervisor(s) (name, position, email)**
Patrick Bissett, Postdoctoral Fellow, pbissett@stanford.edu

**Project topic(s): Behavioral and cognitive neuroscience studies of executive control, self-regulation, and decision making**

**Brief description of scientific issues:**

Using computer tasks and functional fMRI, we conduct studies investigating the behavioral, psychological, and neural underpinning of executive control, self-regulation, and decision making. This includes large-scale neuroimaging studies that repeatedly scan individuals to understand how control processes unfold over weeks and months, training studies that encourage positive behavior change, and basic studies that aim to understand fundamental cognitive processes.

**Skills required:**

- Requirement: There are no requirements other being reliable, eager to learn, and willing to contribute to various aspects of research.

- Preferred: Programming skills (python, javascript, R) and introductory coursework in psychology and cognitive neuroscience.

**Skills to be learned:**

We anticipate that the RA will learn a wide array of skills relating to cognitive neuroscience including: how to recruit subjects, collect behavioral and fMRI subjects, and critically analyze published papers. RAs may also have the opportunity to code experiments, analyze behavioral and fMRI data, and learn to deploy studies on Amazon Mechanical Turk.

**Contact person (with email):** Patrick Bissett, pbissett@stanford.edu