# Assistant Clinical Research Coordinator (aCRC)

The **Keller Laboratory for Personalized NeuroTherapeutics** at **Stanford University** (kellerlab.stanford.edu) is seeking a full-time Assistant Clinical Research Coordinator (aCRC). The primary focus will be to oversee an NIH-funded project to develop a closed-loop EEG platform to personalize TMS treatment for depression. We have found an EEG biomarker that predicts treatment outcome to transcranial magnetic stimulation (TMS) in depressed patients. Using machine learning, this project seeks to maximize this EEG biomarker and improve the efficacy of this treatment.

The candidate will have the opportunity to collaborate with engineers, clinicians (neurologists, psychiatrists, neurosurgeons), and statisticians both within Stanford as well as outside institutions. The candidate must be organized, enjoy problem solving, be a team player with have strong communication skills. This is an opportunity for a motivated and reliable person to participate in a highly collaborative and challenging team. The ideal candidate would be willing to accept the position for 2 years, although a shorter time frame may be an option. This position will provide valuable experience in both clinical and basic research, as well as clinical exposure, which makes it an excellent opportunity interested in pursuing an MD, PhD, or both. Previous candidates have matriculated to highly competitive graduate and medical school positions.

## Duties Include:
- Assist in regulatory document preparation and developing recruitment strategies for study
- Determine eligibility of and gather consent from study participants according to protocol.
- Assist in the design and implementation of software that allows real-time EEG monitoring and closed-loop brain stimulation
- Collect and manage patient and laboratory data for clinical research projects through REDCap.
- Manage research project databases, develop flow sheets and other study related documents, and complete study documents/case report forms.
- Contribute to publication of findings as needed. Participate in the preparation of written documents, including procedures, presentations, and proposals.
- Help with equipment purchasing and general lab maintenance as needed
- Assist with orientation and training of new staff or students on lab procedures or techniques.

## Preferred Qualifications:
- Four-year college degree in biomedical/electrical engineering, computer science, neuroscience or relevant field
- Strong technical skills including data management
- Experience programming
- Highly motivated and intellectually curious
- Strong interpersonal skills

Please send a cover letter stating why you think you would be a good fit in the lab, your CV, and 2-3 references to Corey Keller, MD, PhD (ckeller1@stanford.edu).  We look forward to hearing from you!