



## **MENTORSHIP GRANT APPLICATION**

### **Cortical activity during swallowing in acute post-stroke inpatients**

#### **Mentee Clinical Investigator**

Kristen Forand, M.A., CCC-SLP  
Speech-Language Pathologist, Dysphagia Lab Therapist  
Think & Speak Lab Manager, Shirley Ryan AbilityLab

#### **Manager's contact information:**

Jason Barbas, PT, DPT  
Board-Certified Clinical Specialist in Neurologic Physical Therapy  
Therapy Director, Ability Labs & Internal Staff Development



This proposed study

## **D. Mentorship Goals**

**Training Goals:** In this project, the mentees will receive mentorship from leaders in rehabilitation research in the areas of (i) fNIRS, (ii) translational research, and (iii) writing and professional presentations. Specific goals for each mentee are listed below.

### Mentee Clinical Investigator (Kristen Foran)

*Overall goals:* The mentee clinical investigator will improve clinical research skills by conducting a research study in a clinical setting. Additionally, the mentee will learn new instrumentation (i.e., fNIRS and respiratory-swallow measures) for adjunct swallowing assessment and management that can be translated to patient care at SRALab. Finally, the mentee will develop translational research expertise and enhance communication skills for research purposes.

- (i) Expand basic clinical research knowledge, including research procedures and design, eligibility criteria, recruitment of participants, consent form, data collection, and analysis, by helping to develop and conduct a clinical research project;
- (ii) Adv0.00e9n00e9n1cal research project;

