REU Site: Engineering Sensors, Systems, and Signal Processing for Speech Pathology
May 13 – July 22, 2020

Undergraduate students will be selected from science, engineering, and computer science disciplines to perform research on interdisciplinary projects in speech pathology at The University of Alabama. **Application Deadline:** February 28, 2020.

**Sample project titles**

- Noise and compensation in mobile environments
- Localized electrical impedance assessment of vocal folds
- Wearable sensors to quantify pediatric chewing
- Web EEG tools for speech language processing
- Machine learning applied to videofluroscopy images

The 10-week program includes a $5,000 stipend, housing, meal and travel allowances. Apply online at: [http://reu.eng.ua.edu/](http://reu.eng.ua.edu/)

**Eligibility Criteria**

**Applicant must:**
- Be a citizen or permanent resident of the U.S.
- Be otherwise unemployed during the summer program
- Be, and remain, an undergraduate student in good standing

Program contacts: **Todd Freeborn** (tjfreeborn1@eng.ua.edu) and **Memorie Gosa** (memorie.gosa@ua.edu)