**Scientist – WISC Lab – PVL 95034**

**Education:** A PhD is required in Communication Sciences/Disorders, Psychology, Biostatistics, Computer Science, or related area.

**Appointment Percentage:** 50% to 100% time

**Full Time Salary Rate:** minimum $47,000 annual – depending on qualifications.

**Number of Positions:** 1

**Minimum Number of years or type of relevant work experience:**

Required Experience:
- Content expertise in child speech and language development in typical and atypical populations.
- Experience with pediatric speech data including typical and disordered children.
- Expertise in data analytic and visualization techniques, including use of R software.
- Experience with longitudinal data analysis methods.

Well-qualified candidates will have the following preferred experience:
- Good organizational, interpersonal, writing and communication skills.
- Prior experience training or working with students is a plus.
- Experience with custom software/script development and use for database mining.

**Job Summary:**

The Wisconsin Intelligibility, Speech, and Communication (WISC) lab seeks to 1.) Characterize changes in speech production, speech intelligibility, language, cognition, and functional communication abilities among children with cerebral palsy (CP) from the age of 18 months to adulthood; 2.) Generate theoretically driven, data-based longitudinal models of speech and language development in CP that can be used to predict outcomes, test interventions, and guide treatment decisions; and 3.) Develop diagnostic measures for identifying dysarthria in children with CP, particularly those with mild-moderate deficits who are difficult to separate from typically developing children early in life.

This position will be responsible for developing data analysis approaches to examine longitudinal data from children with CP. In addition, this position will also design and implement research studies using the lab’s large database to identify questions related to speech, language and communication development in children and then use existing data to empirically answer questions. The individual will work closely with research staff to mentor them in scientific methods and analyses and will play a lead role in writing scientific analysis methods for publications. The scientist will also work with the lab director to train and mentor graduate and undergraduate students in the lab. This position will organize and prepare data for presentations as well as manuscripts for publication. This position is expected to conduct independent research.

For a complete list of duties and qualifications please see:  

We offer an excellent benefits package as well as a competitive salary based on qualifications.

**How to Apply:**

To be considered for this position, applicant materials must be submitted online. Applicants will be asked to upload a cover letter and resume detailing their interest and qualifications as it relates to the position.

Please click on the "Apply Now" button to start the application process at the following link:

**Link:** [http://jobs.hr.wisc.edu/cw/en-us/job/498461/scientist-wisc-lab](http://jobs.hr.wisc.edu/cw/en-us/job/498461/scientist-wisc-lab)
Questions about the position can be directed to Choutae Yang.

To ensure consideration for this position, applications must be submitted by **July 11, 2018**.

If you need to request an accommodation because of a disability you can find information about how to make a request at the following website: [http://www.oed.wisc.edu/478.htm](http://www.oed.wisc.edu/478.htm)

**Note:** Unless confidentiality is requested in writing, information regarding applicants and nominees must be released upon request. Finalists cannot be guaranteed confidentiality.

UW-Madison is an affirmative action/equal employment employer and we encourage women, minorities, veterans, and people with disabilities to apply. A criminal background check will be conducted.