The Vocal Tract Development Laboratory (VTLab) at the Waisman Center is seeking to hire a student hourly to work with the imaging team. The individual will assist with data collection from head and neck medical imaging studies, database maintenance, analysis, and assist in supporting and managing various anatomic studies.

**What do we do?** The VTLab aims to understand the biologic basis of speech development. To this end, our mission is to characterize the three-dimensional development of the supra-laryngeal speech production system throughout the lifespan using medical imaging studies (MRI & CT) within the context of establishing anatomic-acoustic correlates. For more information, visit our VTLab’s website at: http://www.waisman.wisc.edu/vocal/.

**Qualifications:** The ideal candidate is someone who is dedicated, conscientious, attentive to detail, motivated to learn, and committed to assist in addressing VTLab research goals. Essential skills to include: Strong interpersonal and communication skills, organizational skills and the ability to handle multiple tasks while working independently.

**Required Skills:**
- Strong interest in human head and neck anatomy.
- Knowledge of CT/MRI imaging studies.
- Knowledge in Microsoft Office software (e.g. Excel, Word & Access).
- Able to commit to work a least 15-20 hours per week during the academic year. Selected applicant(s) will be required to undergo both HIPPA and IRB training.

**Preferred Skills:**
- Experience with segmenting 3D models and placing anatomic landmarks on CT/MRI studies.
- Experience with programming and/or basic statistics.
- Experience with Photoshop, Access, MatLab, R, graphing software, and/or medical imaging segmentation software.

**Position Summary:**
- Data collection using medical imaging studies visualization and processing software by modeling 3D anatomic structures and placing anatomic landmarks. Also, extracting landmark coordinate to assist in quantifying growth by using in-house image processing scripts.
- Assist researchers in entering/manipulating data and analyses, planning and developing new research protocols including literature review of related research techniques and compiling findings to share with other VTLab members.
- Assist in other lab duties such as preparing data for analysis, routine backup, troubleshooting and other data maintenance tasks.

If you are genuinely interested:

Apply by emailing your cover letter and resume to mhenning@waisman.wisc.edu. Address your email or cover letter to VTLab Director, Dr. Houri K. Vorperian, and specify in subject line: VTLab Imaging Student Hourly Position. References will be requested. Applicants who attend an institution other than the University of Wisconsin-Madison will be required to provide proof of enrollment prior to being hired.