Research Fellow
Stepp Lab for Sensorimotor Rehabilitation Engineering

Minimum Qualifications:
- B.S. and/or M.S. in speech, language, and hearing sciences, biomedical engineering, neuroscience, computer science, biology, or a related field, or equivalent practical experience.
- Strong professional communication skills in spoken and written English
- Previous experience in a lab environment
- Demonstrated ability for problem solving and critical thinking
- Ability to collaborate with a multidisciplinary team of scientists, engineers, and clinicians
- Dedicated to building, maintaining, and promoting a collaborative, diverse, inclusive, equitable, and just environment within and beyond Boston University

Preferred Qualifications:
- EMT certification
- Experience in speech acoustics, speech-language pathology, audiology / hearing science
- Experience in signal processing and statistics
- Experience in LGBTQIA+ topics
- Experience in human subject research, clinical research coordination and recruitment, and IRB application preparation and management
- Lived experience in any of the areas of study
- Fluent in MATLAB or another high-level language (e.g., Python)
- Fluent in Spanish or Haitian Creole
- Interest in contributing to scientific dissemination via manuscript and presentation preparation

About the Job:
The Stepp Lab for Sensorimotor Rehabilitation Engineering at Boston University is hiring a full-time Research Fellow. Areas of research include voice and speech motor control, acoustic features of voice and speech production, communication outcomes in gender diverse speakers, and functional measurements of voice and speech in health and disease. The Research Fellow will act as the lab manager, supporting the lab’s research administration, management and coordination of lab staff, management of participant enrollment, IRB maintenance, and finances. They will serve as primary point person to facilitate communications within the team. The Research Fellow will assist with human subject research (acquisition and analysis). They could also be involved with clinical recruitment, intersecting with physicians at Boston Medical Center, if that were a specific interest. As appropriate, this individual will have opportunities for lab-related clinical practice.

Responsibilities:
- Research Administration, Project Management, and Leadership – 60%
  - Act as the lab manager, directing activities of research staff and student workers.
  - Manage and collaborate with project staff to oversee and implement participant enrollment and data collection.
  - Review IRB protocols in close coordination with the principal investigator.
  - Help prepare initial, modifications, and continuing review applications for expedited IRB review or exempt determinations.
  - Develop grant-related progress reports in close coordination with the principal investigator.
• Develop and maintain documentation for lab activities.
• Provide detailed information to inform grant project management and expense projections.
• Identifies issues affecting budget or schedule.
• Maintain laboratory finances.
• Equipment and inventory maintenance
• Collaboratively interface with research participants, staff, and trainees, to promote alignment across work described above.

Contributions to clinical and/or research endeavors – 40%
• Participate in data collection and processing for new and ongoing studies.
• Participate in data analysis and manuscript preparation.
• Opportunities to contribute to scientific presentations and publications exist for motivated candidates.
• Opportunities for lab-related clinical practice and/or recruitment.

The Research Fellow will sustain and support a culture that celebrates the diversity of individuals and ideas, which values accountability, collaboration, and innovation.

About the Environment:
Boston University (BU) Sargent College of Health and Rehabilitation Sciences is one of the country’s leading schools of health and rehabilitation sciences. Home to more than 1300 undergraduate and 450 graduate students, Sargent College combines outstanding faculty and cutting-edge research to provide superb education and clinical experiences. The college has more than 25 on-campus research facilities, clinical centers, and labs. It offers top-ranked degree programs in occupational therapy, physical therapy, speech, language and hearing sciences, health science, athletic training, human physiology, behavior and health, and nutrition. Sargent College believes the cultural and social diversity of our faculty, staff, and students is vitally important to our academic mission of excellence. We welcome candidates who support our commitment to ensuring BU is an inclusive, equitable, and diverse place where everyone can thrive.

Additional Details:
The salary will be commensurate with background and experience. Employees will receive full benefits that Boston University offers in accordance with the position and appointment term. Full-time employees of BU are also eligible for extensive tuition remission benefits and participation in courses at BU is encouraged based on scheduling of job duties. Appointments will be for 1 year, although ideal candidates will stay longer (renewal dependent on continued excellent performance in meeting the required duties and continued availability of funds).

DO NOT APPLY THROUGH THE BOSTON UNIVERSITY HR WEBSITE.

Please submit a cover letter, curriculum vitae, and contact information for three references to the following contact: Zoe Perkins, perkinsz@bu.edu
We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin, physical or mental disability, sexual orientation, gender identity, genetic information, military service, pregnancy or pregnancy-related condition, or because of marital, parental, or veteran status. We are a VEVRAA Federal Contractor.