ROBOTICS CENTER
THE UNIVERSITY OF UTAH
School of Computing, Dept. of Electrical & Computer Engin., and Dept. of Mechanical Engin.

UTAH WEARABLE ROBOTICS LAB
Mechanical Engineering
THE UNIVERSITY OF UTAH

The Utah Wearable Robotics (UWR) Laboratory at the University of Utah is seeking highly motivated individuals for **two** fully funded PhD research assistant positions.

The UWR Lab specializes in wearable robotic solutions by leveraging mechanism design and modern computational methods. The lab strives to study sensorimotor systems and aspires to make a positive impact on daily living for individuals with motor impairments. The accepted students will be advised by Dr. Haohan Zhang and conduct novel research to push the boundaries of wearable robotics and advance scientific understandings of biomechanics, neurology, and rehabilitation.

As part of the University of Utah Robotics Center, the UWR Lab is affiliated with the Department of Mechanical Engineering. As a Robotics-Track PhD student, the student will have the opportunity to be involved in rich research activities across three joint departments within the Robotics Center, which includes the School of Computing, the Department of Electrical and Computer Engineering, and the Department of Mechanical Engineering. The student will gain access to world-class robotics facilities, take inter- and cross-disciplinary courses, and obtain high-quality training.

The UWR lab is dedicated to creating a welcoming, vibrant, productive, and collaborative research environment, all while providing rich learning and training experiences. Our admission standards are high, and hence the competition is rigorous for the limited number of open positions. Admission is based on an evaluation of an applicant's **academic profile** and **research potential**. Students with strong technical backgrounds, an intellectual curiosity for robotics, an interest in hands-on experience with robots, and a desire to improve quality of life of those with motor impairments are encouraged to apply.

The UWR Lab is committed to promoting fair education, particularly equity, diversity, and inclusion in the field of robotics. Hence, we especially welcome applications from underserved groups, including women, ethnic minorities, and individuals with disabilities or from lower-income backgrounds.

Located in Salt Lake City, the University of Utah sits right at the foothill of the Rocky Mountains and is one of the most beautiful campuses in the nation. As the hosting city for the 2002 Winter Olympics, Salt Lake City has one of the best infrastructures and transportation systems in the west. The Great Salt Lake area is world-famous for its skiing resorts, outdoor recreation, and national parks. The area is also known for its diverse cultural experiences, such as the Sundance Film Festival, Utah Symphony, Ballet West, and one of the nation's largest Comic-Con gatherings. Salt Lake City has also become a new hub for tech industries, rated by Forbes as one of the best cities for young professionals to start a career.

## Application Process

Interested individuals shall contact the principal investigator Dr. Haohan Zhang via email (haohan.zhang@utah.edu) to inquire about these positions **between Now and November 1st**. In the inquiry email, the applicant should attach their Resume/CV, unofficial transcripts, and any other supporting document (e.g., GRE scores, prior research experience, etc.). Highly qualified individuals will be notified by email to schedule a zoom interview.

The students may also choose to submit applications through the standard MS/PhD admission process with the Department of Mechanical Engineering. Please read more instructions for this process here. The deadline for the standard application is around Dec. 15th, though it may vary on a yearly basis. Applicants should check with the Department of Mechanical Engineering for updated instructions.