



PhD Student Opportunity

Overview: The University of Wisconsin–Madison [Department of Orthopedics and Rehabilitation](#) is seeking a highly motivated and skilled individual to join our multidisciplinary research team as a PhD student through the [Institute for Clinical and Translational Research \(ICTR\) PhD program](#). We are looking for a candidate that is hard-working, an independent thinker, has excellent communications skills (written and oral), and is interested in being a part of a highly interactive multi-disciplinary research team.

Position Details:

- **Start Date:** Spring or Fall 2027
- **Percent Time:** 100%
- **Location:** UW-Madison Campus
- **Project:** The candidate will be working with existing data from the project “*Advancing rehabilitation of patellar tendon injuries using innovative wearable technology and quantitative magnetic resonance imaging techniques (K99/R00AR085752)*” and will also be a part of the clinical trial phase of the project
- **Funding:** This position will be fully funded as a research assistant, but alternative funding options are also available
- **Mentor:** Naoaki Ito, PT, DPT, PhD

Research activities will involve the integration and analysis of a diverse, pre-existing, and growing dataset, providing ample opportunities for publications, presentations, and grant development.

- **Quantitative Imaging (Ultrasound and MRI)**
- **Biomechanics (Motion Capture, Dynamometry, Shear Wave Tensiometry)**
- **Clinical Outcomes**

Qualifications

- **Clinical Background:** A bachelors degree in a topic relevant field (e.g. biomedical/mechanical engineering, rehabilitation science, kinesiology) is required and a professional degree in orthopedic/sports rehabilitation (e.g., DPT, ATC) is preferred
- **Technical Skills:** Prior experience with biomechanics, imaging, and working with patients is preferred
- **Professionalism:** Excellent communication skills, organization, and desire to work collaboratively across disciplines

How to Apply

Interested candidates should submit a (1) a CV and (2) contact information for three professional references to: Naoaki Ito, DPT, PhD at ito@ortho.wisc.edu