



UNIVERSITY OF WYOMING

The Department of Electrical and Computer Engineering at the University of Wyoming is seeking applications for a graduate student position in the field of rehabilitation engineering (start date: September 2016). The candidate will specifically conduct research on how to use rehabilitation technology to help people in rural areas who do not have easy access to healthcare. The candidate will additionally perform some teaching duties, primarily leading undergraduate lab sections.

The position will be funded via a scholarship intended to increase domestic diversity in the university's graduate program. Therefore, it is open only to U.S. citizens. Women, under-represented minorities and other diversity candidates are particularly encouraged to apply.

Required qualifications:

- B.S. or M.S. degree in Electrical, Mechanical or Biomedical Engineering or Computer Science
- Background in robotics, control, electronics or user interface design
- Programming skills in C/C++/C#, Matlab or Javascript
- Fluency in English speaking/writing

Experience in one or more of the following areas will be considered an asset:

- Design of robotic mechanisms
- Control of haptic or rehabilitation robots
- Biomedical signal processing (EMG, EEG)
- Virtual reality development

The candidate will be part of the Rehabilitation Engineering research group under the supervision of Dr. Domen Novak (<http://www.uwyo.edu/electrical/faculty-staff/domen-novak/>). They will additionally be supported by other world-class research faculty in the Department of Electrical and Computer Engineering, as well as by interdisciplinary collaborators in kinesiology, psychology and nursing. The candidate will be provided with full tuition and insurance as well as a monthly stipend.

To apply, please e-mail your CV (including 2-3 references), cover letter describing research interests, and a transcript of your bachelor and/or master studies to Dr. Domen Novak (dnovak1@uwyo.edu). For any questions regarding the position, feel free to also contact Dr. Novak.

The University of Wyoming offers Graduate Assistantships that are intended to increase access and opportunities to graduate education for U.S. students from under-represented/under-served populations and to increase student diversity in our graduate degree programs on a competitive basis. The University of Wyoming is an affirmative action/equal opportunity employer and institution and does not discriminate on the basis of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation, or political belief in any aspect of employment or services. For more information see www.uwyo.edu/diversity/fairness.