

Human Factors of Work with Dementia - Postdoctoral Fellow

[Advanced Interface Design Lab](#)
Department of Systems Design Engineering
University of Waterloo

Location: Waterloo, ON, Canada
Date Posted: 8 December, 2020
Closing Date: Until filled
Start date: As soon as possible

Description:

The Advanced Interface Design Lab invites applications to the fully funded position of Human Factors of Work with Dementia Postdoctoral Fellow. The candidate will lead a program of examining human factors approaches, particularly Cognitive Work Analysis, with a lens to improve inclusivity in work, including people living with cognitive impairment. The ideal candidate comes from a background in engineering, psychology, or health, but other backgrounds will be considered. You need to be passionate about making work more inclusive, have an analytical mind on how we can do that for the greatest impact, and be keenly interested in working with people from many sectors and disciplines; tell us why your background makes you a great candidate!

The successful candidate will join a multi-disciplinary research team led by Dr. Catherine Burns that includes expertise in human factors, biomedical engineering, and applied health sciences. We work with a variety of academic and industrial partners and funding sources, including NSERC, CIHR, AGE-WELL NCE, the Alzheimer's Society, and the Government of Canada. We will teach you Cognitive Work Analysis and connect you with the people and resources you need. We are committed to growing our great team and will support you in adding new skills to your cv, encourage you to publish and apply for grants, and coach you through the process. The candidate will be expected to work with and provide mentorship to undergraduate, Masters and PhD students, as well as aid in the development of the research program in general.

The successful candidate will have a key role in the [Cog@work project](#) and will work with partners from across Canada to create a novel systems for supporting people diagnosed with dementia who wish to remain employed. Other areas of research in the lab include establishing and applying ecological interface design, cognitive engineering, and novel usability testing methods to a broad range of real-world applications.

The position is a fully-funded one-year contract, renewable based on performance and funding. Salary will be based on the applicant's previous experience and education.

For more information about our research, please visit our web sites:
<https://uwaterloo.ca/advanced-interface-design-lab/>
www.itwil.ca



Requirements:

Candidates must hold a Ph.D. in computer science, human factors, systems engineering, or a related field. Other fields may be considered if the applicant has demonstrated an interest and ability for technical (e.g., mathematical or computational) research. Publication of significant research in high quality venues is an expectation of the successful candidate. Expertise working with human factors, cognitive work analysis, and/or older adults is an asset. Applicants must be familiar with conducting academic research and demonstrate strong leadership and project management abilities. The successful applicant will show an aptitude for communication and collaboration outside of their own field, with an emphasis on cross-discipline and cross-sector knowledge translation and mobilisation.

The University of Waterloo hires based on merit and is committed to employment equity. All qualified persons are encouraged to apply, however, Canadian citizens and permanent residents will be given priority.

Application:

To apply, please send a cover letter, curriculum vitae, a statement of your research interests (1-2 pages), country of citizenship and date of availability, and a copy of your university transcripts to:

Dr. Catherine Burns
Dept. Systems Design Engineering, University of Waterloo
200 University Ave. W., E5 6th floor
Waterloo, ON, CANADA, N2L 3G1
E-mail: catherine.burns@uwaterloo.ca

Submissions by e-mail are preferred. After an initial screening, select applicants will be asked to forward three academic and/or professional letters of reference.

