



**EWI WORKS**

Kirsten Willms, M.Sc. Kin, AE

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Kirsten completed her undergraduate degree at Simon Fraser University in Kinesiology, specializing in ergonomics and human factors and working for five coop terms. Her Master's degree was undertaken at the University of Waterloo, specializing in ergonomics and occupational biomechanics.

While completing her degrees, Kirsten worked both as an ergonomics researcher and practitioner. She has been exposed to a variety of industries such as metal manufacturing, garment manufacturing, office work, powerline maintenance, outdoor telephone maintenance, and call centres. Her research has explored the use of gloves and their effect on workers, visual display distance and physical symptoms, and participatory ergonomics.

Recently, as a consultant, Kirsten has been working on numerous ergonomics projects and assessments for both office and industrial clients. She is adept at recognizing risk factors for potential musculoskeletal injury in the workplace and identifying appropriate solutions.

Kirsten has also been employed as a Human Factors specialist for a major defense contractor – General Dynamics. There, she contributed to work environment and product design projects, working with large multidisciplinary teams. She is well versed in the engineering design process and is proficient in human factors requirements generation, task analysis, function allocation, assessment techniques, usability testing and qualification testing.

Kirsten is an active member of the Association of Canadian Ergonomists, and has obtained her Associate Ergonomist certification from the Canadian College for the Certification of Professional Ergonomists and is working toward her full Canadian Certified Professional Ergonomist designation.