

Xiaowei Song, PhD, MSCS

Dr. Xiaowei Song is a Senior Clinical Scientist with the Fraser Health Authority (FHA) and an Adjunct Professor with the Simon Fraser University (SFU) Department of Biomedical Physiology and Kinesiology (BPK). Dr. Song is the Principal Investigator for the Canadian Institutes of Health Research (CIHR) on validating the electronic Frailty Index with the electronic Comprehensive Geriatric Assessment (eFI-CGA) for clinical translations. She serves as the Scientific Lead of the Community Actions and Resources Empower Seniors (CARES) initiative and the founding Head of the SFU ImageTech Lab MRI Program.

Dr. Song has a long-standing interest in promoting brain health and general health in aging, with expertise and background in multidisciplinary fields combining neuroscience, neuroimaging, computer science, medical informatics, and geriatric medicine research. Her research interest has focused on early identification and management of frailty, cognitive decline, neurodegeneration, their outcomes, and risk and protective factors. Targeting improving patient care through health science and technology innovations, Dr. Song has engaged in developing and validating standardized brain health and frailty assessment methods and software tools for point-of-care utilizations. Dr. Song has been awarded multi-million dollars of research grants from prestigious funding agencies. She has contributed to the research advancement of the aging, brain health, and frailty field with over 200 peer-reviewed publications.

Before relocating to Vancouver in late 2014, Dr. Song has spent nearly 18 years in Halifax, Nova Scotia, Canada, working at Dalhousie University Department of Medicine (Geriatrics) and the Neuroimaging Research Laboratory of the National Research Council of Canada's Institute for Biodiagnostics (Atlantic).