

Dr. Rosalie Wang

Assistant Professor of Occupational Science and Occupational Therapy at University of Toronto

Toronto, ON, CA

Dr. Wang is interested in enabling technology and environments to support meaningful activity.

Biography

Rosalie Wang, PhD, OT Reg. (Ont.) is Assistant Professor of Occupational Science and Occupational Therapy at the University of Toronto. She is an Affiliate Scientist at KITE - Toronto Rehabilitation Institute and a member of their AI and Robotics in Rehabilitation team. She received her BSc. (OT) from the University of British Columbia, Vancouver, Canada, and worked as an Occupational Therapist in Canada and England. Her work experiences span the continuum of care for older adults, including long-term institutional, sub-acute/rehab, acute and community care settings. She has also worked in a seating and wheeled mobility specialist unit and a stroke rehabilitation unit. She completed her PhD in the Graduate Department of Rehabilitation Science in collaboration with the Institute of Biomaterials and Biomedical Engineering at the University of Toronto, Toronto, Canada. Dr. Wang's research focuses on developing and implementing technology to enable daily activity participation and social inclusion of seniors. She is leading research in robotics for post-stroke rehabilitation and on the use of information and communication technologies by seniors with cognitive impairments. As an AGE-WELL investigator she co-led a national project on enhancing equitable access to assistive technologies. Her interest in methodological approaches in disability and rehabilitation research has resulted in creation of the Framework for Accelerated and Systematic Technology-based intervention development and Evaluation Research (FASTER).

Industry Expertise

Research, Education/Learning, Writing and Editing, Health and Wellness, Health Care - Services, Health Care - Providers, Elder Care, Medical Devices

Areas of Expertise

Occupational Therapy, Rehabilitation, Ageing, Robotics, Assistive Technology, Stroke, Dementia, Technology Design

Affiliations

Toronto Rehabilitation Institute : Affiliate Scientist

Event Appearances

SWAT: Smart Wheelchairs for Training and Assessment of Older Adults
Presenter

Education

University of Toronto

PhD Rehabilitation Science, Biomedical Engineering

University of British Columbia

BSc.(OT) Occupational Therapy

Accomplishments

Age Plus Prize (2014)

Dr Rosalie Wang was honoured with the Age Plus Prize in January 2014.

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