

Dr. Rosalie Wang

Assistant Professor of Occupational Science and Occupational Therapy at University of Toronto
Toronto, ON, CA

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Description

Rosalie Wang is Assistant Professor of Occupational Science and Occupational Therapy at the University of Toronto. 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.

Rosalie 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. Her Doctoral thesis examined the use of collision-avoidance technology to enable power wheelchair mobility with long-term care home residents with cognitive impairments. Her research included some of the first clinical studies to explore the use of collision-avoidance technology and multimodal user interfaces to assist navigation in this population. Rosalie completed a CIHR-funded Postdoctoral Fellowship with the Artificial Intelligence and Robotics Team at Toronto Rehabilitation Institute where she worked on developing and clinically evaluating robots for upper limb stroke rehabilitation and assistive robots to help older adults with dementia to complete daily activities.

Industry Expertise

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

Topics

Continuum of Care for Older Adults, Sub-acute/rehab and Community Care Settings, Long-Term Care, Rehabilitation, Occupational Therapy, Stroke Rehab, Assistive Robotics for Dementia, Rehabilitation robotics

Affiliations

Toronto Rehabilitation Institute : Affiliate Scientist

Past Talks

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

Education

University of Toronto
PhD Rehabilitation Science, Biomedical Engineering

Accomplishments

Age Plus Prize (2014)

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

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