Assistive Technology for Older Adults: Approaches and Innovations

Rosalie Wang, PhD, OT Reg

Hosted by: H. Jassal Occupational Therapy Consulting Services

Saturday, November 22™, 2014
The Hilton Vancouver Metrotown Hotel
6083 McKay Ave, Burnaby, BC, V5H2W7

Course Description:
This course will examine concepts related to assistive technology, provide approaches to determine the needs of the aging population and identify factors that may affect older adults’ ability to use technology to enable function and independence. An overview of innovations in technology pertinent to older adult care will also be provided.

Course Objectives:
At the conclusion of the course the attendee will be able to participate in the following:
- Identify common physical, sensory, and cognitive changes, or environmental restrictions that are experienced by older adults
- Apply approaches to the design and provision of technology applicable to working with older adults
- Identify barriers and strategies with respect to older adults’ acceptance of technology and perceptions of learning how to use new tools
- Identify at least 3 issues that may occur with caregiving and using devices to assist with care provision
- Identify at least 3 common functional issues experienced by older adults and examples of assistive technology that may help to address these issues
- Describe at least 2 new innovations/interventions in assistive technology for older adults and the benefits and challenges related to their use

Faculty
Rosalie Wang, PhD, OT Reg. (Ont.) has a background in occupational therapy, assistive technology and rehabilitation sciences. Her clinical work experiences span the continuum of care for older adults, including sub-acute/rehab, acute, long-term institutional and community care settings. Her research interests include assistive technologies to enhance function and quality of life of older adults, strategies to improve quality of life for long-term care home residents with dementia, the application of robotics and artificial intelligence in rehabilitation, knowledge translation (clinical implementation and commercialization) of rehabilitation technologies, mixed methods (combined qualitative and quantitative) research approaches and user-centred design.

Schedule:
8:30-9:00  Registration/Breakfast
9:00-9:30  Overview of the aging population/Issues in caregiving
9:30-10:30  Concepts related to assistive technology
10:30-10:45  Break/Refreshments
10:45-11:00 Assistive technology use and older adults
11:00-12:00 Design and provision of assistive technology/Application with older adults
12:00-1:00 Lunch provided
1:00-1:30 New concepts in assistive technology
1:30-2:00 New frontiers in assistive technology
2:00-2:15 Stretch break/Refreshments
2:15-3:45 Innovations in assistive technology
3:45-4:15 Summary and questions

**Suggested Audience:**
OT’s, PT’s, SLP’s, rehabilitation assistants, Nursing and other health professionals working with the older adult population (dementia, Alzheimer’s, physical, sensory, or cognitive difficulties).

**Location and Accommodation:**
Hilton Vancouver Metrotown Hotel, located in the heart of Burnaby only steps away from Metropolis at Metrotown and Crystal mall. It is easily accessible by skytrain which is a 2min walk away. Underground parking is available.

**Course Fee:** fee includes breakfast, refreshments for breaks, and lunch
- 1<sup>st</sup> Early Bird registration before July 31<sup>st</sup>, 2014 - $175
- 2<sup>nd</sup> Early Bird deadline September 15<sup>th</sup>, 2014 - $215
- OT/PT/SLP/NSG student fee $140 limited seating (student cards must be shown at registration on day of course)
- Late registration fee after September 15<sup>th</sup>, 2014 $250

Registration will be accepted after the last deadline only if is space is available. Cancellations will be accepted until October 20<sup>th</sup>, 2014 minus an administration fee of $50.

**Registration and Cancellation Policy:**
If there is insufficient registration 3weeks prior to start date of the course the course will be cancelled and a full refund made to registrants. NSF cheques will be subject to a $30 processing fee.
Please email or call me to confirm your intent to attend the course your seat will be held for up to 10 business days until payment is received.

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November 22<sup>nd</sup>, 2014

To register please submit your contact information, discipline, dietary restrictions online or call Harjit at (778) 552-8844.
Payments will be accepted online with credit card through PayPal go to [www.hjassalconsulting.weebly.com](http://www.hjassalconsulting.weebly.com) For more information email: hjassalot@gmail.com or if you would like to arrange payment by cheque.

☐ I have read and understood the registration and cancellation policy

Please do not make travel arrangements until the course is confirmed by phone or email. **H. Jassal Occupational Therapy Consulting Services** is not responsible for any expenses incurred by participants if the course must be cancelled to do insufficient registration.