



**CARE**  
***ANYWHERE***  
**RESEARCH**  
**SHOWCASE**

Monday, May 12, 2025

8:30 am - 1:30 pm

Chan Auditorium

[careanywhere.ubc.ca](http://careanywhere.ubc.ca)

# CARE ANYWHERE RESEARCH SHOWCASE

8:30 AM - 1:30 PM

MONDAY, MAY 12, 2025

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## SIGN IN

Coffee, tea, and muffins will be provided.

**8:30 AM**

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## WELCOME & PROGRAM OVERVIEW

Care *Anywhere* Management Team Welcome

**Dr. Antony Hodgson**, Professor, UBC Mechanical Engineering.

**9:00 AM**

**Dr. Janice Eng**, Professor, UBC Physical Therapy, and Co-Director of the Centre for Aging SMART.

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## CARE ANYWHERE TRAINEE PROJECT PRESENTATIONS

**Team 1:** Communications Technology & Biosensing for Early Dementia

**9:10 AM**

**Team 2:** Comparing Conventional and Haptic Feedback-Enhanced Training Methods for Improving Lower Extremity Partial Weight Bearing Adherence: A Pilot Study

**Team 3:** Leveraging Smartphone Sensors for Accessible, Clinically Validated Balance Monitoring and Fall Risk Assessment

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## INDUSTRY KEYNOTE SPEAKER

**Dr. Alexandra Greenhill**, MD  
CEO, and Chief Medical Officer,  
Careteam Technologies

**10:10 AM**

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## COFFEE BREAK & RESEARCH POSTERS

Coffee break.  
Research Posters will be set up in the Atrium.

**10:25 AM**

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AGENDA

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## TRAINEE RESEARCH PRESENTATIONS

10:45 AM

### **Lily Ren**

*Co-Creating a Virtual Reality in Hospital with Patient and Family Partners and Staff for Older Adults With Dementia*

### **Jacinta Li**

*Integration of Soft Sensors and Nylon Actuators in Wearable Devices and Humanoid Robotic Skin*

### **Katie Chen**

*Tracked Ultrasound System to Support Diagnosis of Developmental Dysplasia of the Hip*

### **Hyejeong Choi**

*Smart Knee SLEEVE: A Multi-Modal Approach to Real-Time Neuromuscular and Movement Analysis in ACL Recovery*

### **Genna Bonnor**

*Modeling Soft Tissue in IMU Kalman Filters Improves Measurement Accuracy*

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## HEALTH SYSTEM KEYNOTE SPEAKER

11:15 AM

### **Dr. Harvey Hawes**, MD, MSc, FRCSC

Chief Medical Officer, Learning Health Systems Labs & Buliding Bloc; Vancouver General Hospital Trauma Surgeon

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## ACADEMIC KEYNOTE SPEAKER

11:30 AM

### **Dr. Alex Scott**, PhD, PT

Professor and Head, Department of Physical Therapy, University of British Columbia

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## ROUND TABLE PANEL

### **Dr. Alexandra Greenhill**

### **Dr. Harvey Hawes**

### **Dr. Alex Scott**

11:45 AM

Approaches, opportunities, and challenges to integrating technology into healthcare; Career opportunities.

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## LUNCH & RESEARCH POSTERS

12:15 PM TO 1:30 PM