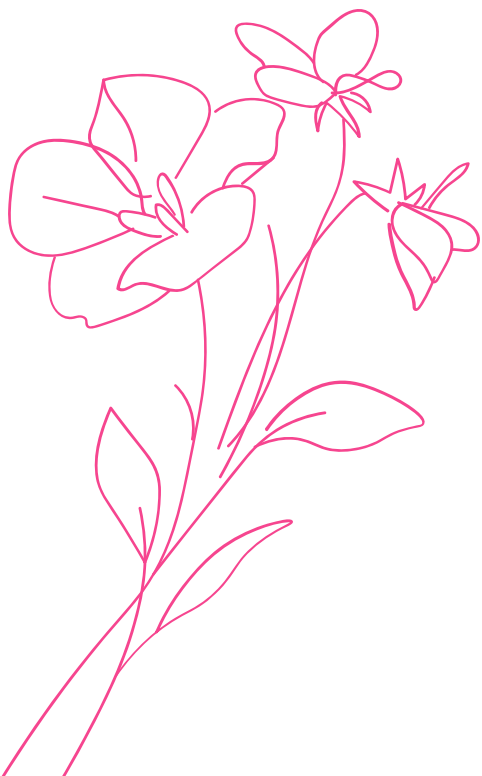
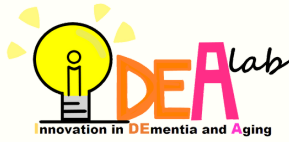


MONTHLY

July Edition





MONTHLY

JULY EDITION

NEWS & UPDATES

TV Project VR

Dem SCAPE

CalM

VIRTUAL TEAM-BASED CARE

Lovot

Aether

Demetia-friendly cafe

Insta 360

Minister of Health Presentation



MEMBER SPOTLIGHT

Charlie Lake

Charlie is studying biomedical engineering at UBC and worked as a research assistant from 2021-2022. His work includes major contributions to the Telepresence Robot Project, and developing the IDEA Lab's website.

Charlie shares his experiences working with the lab and reflections on the impact of research.

You mentioned working on the Telepresence Robot Project, what was your role?

I worked full time summer of 2021, at the start of the project, figuring out the robots, developing supporting apps and doing tech support. We wanted an app to record interviews on the robot, since we couldn't do in person research, so I worked on that. The year after, continuing tech support as we rolled out the robots to more sites. Since then, I've been working on papers associated with the same project.

How does the lab connect to your life?

It opened my eyes to all the different aspects of nursing and ways to support healthcare and older adults. I think about my grandmother living in an assisted living home, and my grandfather who lived on the island, Anguilla, and how these technologies would be really helpful. Whether it's for telemedicine, or staying connected with family and people on the mainland, I've realized how it can change the lives of so many people that I am close to and care about.

What lessons have you learned?

I learned that being a student, you're not expected to know everything at 100%; as long as I try my hardest, that's plenty. I also want to work at a place like IDEA Lab, where it feels supportive and friendly. I found it's really valuable to connect with patient and family partners, who often have a lot more life experience than you and they're all so helpful. Mario [Gregorio] and Jim [Mann] are super friendly, it's always exciting to catch up, which also contributes to feeling so supported. When writing my paper, I consulted with Jim, whose feedback I could only get from a patient partner living with dementia, really emphasized their impact in research. So there's a lot to learn and patient partners feel valued that they can support this research.

NEWS & UPDATES

Aether Robot

Arisa Kinugawa

In collaboration with JDQ Systems Inc., DDA, and Mitacs, we have launched the Aether Collaborative Service Robot Project!

The purpose of this project is to identify user experiences, impacts, and challenges, and evaluate the feasibility of employing a collaborative service robot in group homes.

We had our first onsite visit at the DDA Camsell group home in Richmond. We were able to meet our other team members, residents and staff at the group home in person, and see a demonstration of Aether being deployed.



Dementia Friendly Cafe

Samaa ElSayed

We introduced the Lovot and Calm robots at the Burnaby Dementia Friendly Café's monthly gathering. Our lab members gave presentations and received valuable feedback from our café participants.

Lab members, patient and family partners, volunteers, and attendees all expressed their fondness towards both robots. Everyone also had the chance to socialize with the robots by giving them a few commands and greetings.

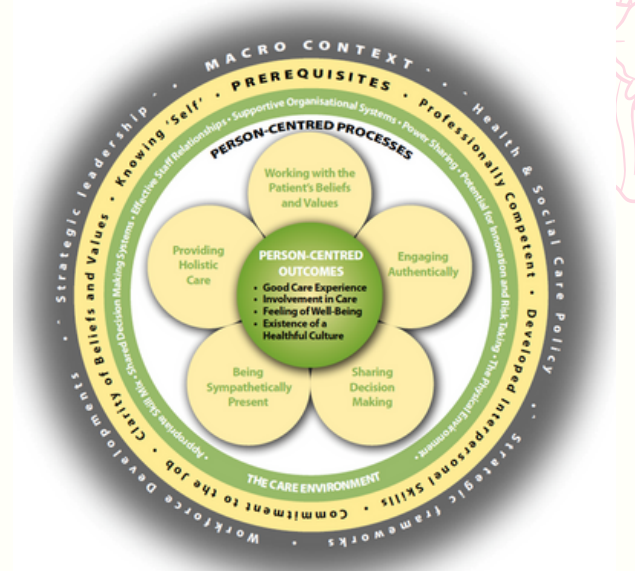
CURRENT PROJECTS

TV Project

Karen Wong

The TV project is making impressive progress! We conducted in-depth interviews with patients and dedicated staff at VGH. We are also now in the process of transitioning to a new site and we anticipate further enriching our research.

To enhance the depth of our findings, we have thoughtfully integrated Dr. Brendan McCormack's esteemed person-centered care practice into our study. This framework will serve as a valuable guide, enabling us to explore beyond micro-level factors and delve into meso- and macro-level factors, bringing a comprehensive understanding of our research.



Virtual Reality

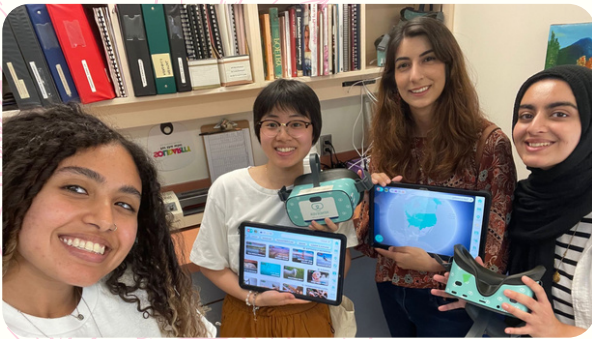
Joey Wong

This month, we are thrilled to welcome new members on board! Among them are two international students, joining us all the way from Germany and China.

Our team has been hard at work supporting two care sites through the use of VR headsets. Our VR video editing team is filming captivating 360-degree videos.

The VR team brainstormed innovative ideas and Mario, our patient partner, has been an active participant in the filming process alongside our talented student members. Together, they explored different local spots, capturing moments that we hope will bring joy and laughter to residents in long-term care homes.

We are very excited about the co-developed work and the personalized pictures and videos uploaded by family members. We firmly believe that these heartfelt contributions will create heartwarming experiences for the residents.



CURRENT PROJECTS

DemScape

Joey Wong

The DemSCAPE team has been hard at work during the data analysis phase. As a small token of our appreciation, we hosted a picnic alongside a few other project teams from Simon Fraser University. Our team members had a great time socializing and enjoying the summer with one another!



Calm Robot

Irene Chen

We have a new prototype of the CALM robot. It's a smaller size prototype with a penguin design, and we introduced the CALM robot with other social robots at the Dementia Friendly Cafe on July 13. Some of the quotes shared by lab members, include:

"I can hear it (penguin calm robot) snoring."
 (Holding the penguin very close to her face) and
 "It (the penguin calm robot) has smiled."
 (Hugging it to her chest)"

The project is in the planning phase we're planning on our first design jam workshop on August 26. Cissy, our user-design expert in the lab, brainstormed with the team to develop questions.

CURRENT PROJECTS

Virtual Team-Based Care Planning

Ian Chan and Monda Upreti

We are currently conducting a policy study project, evaluating virtual team-based care during the transition from acute to long-term care, and we are actively collecting data. So far, we conducted two focus groups, one individual interview, and one clinical informatics interview, all within an acute care setting. Attendees included healthcare professionals & leaders directly involved in the transition care process.



The interdisciplinary cohort played a significant role in comprehending various aspects of virtual team-based treatment, including identifying potential facilitators and barriers that may impact performance. Additionally, they emphasized the crucial need for a robust policy that can effectively guide the healthcare systems.



Lovot Robot

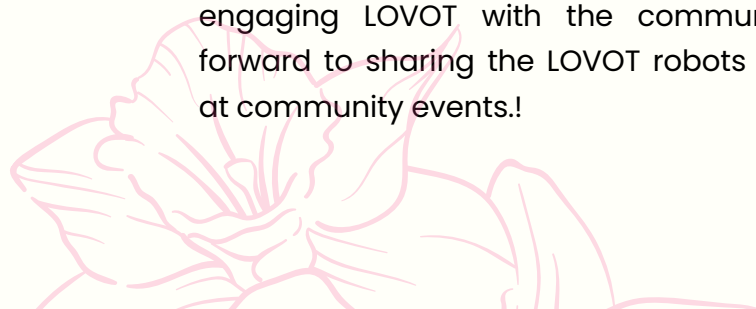
Hiro Ito

Our two LOVOT robots have arrived from Japan! We celebrated their arrival at the Dementia Friendly Café hosted by the Burnaby Seniors Outreach Services Society. The attendees also helped us brainstorm potential names for the LOVOT robots. Stay tuned for the final names!

The LOVOT project team also met as a group for the first time in late July. In addition to introductions and a brief overview of the project, our team discussed plans for creating promotional material and engaging LOVOT with the community. We look forward to sharing the LOVOT robots with everyone at community events.!



Say hi to one of our LOVOTs, Kiwi!



NEWS AND UPDATES

Guest lecture for Vancouver Summer Program

Lily Ren and Jane Li

On July 20th, thanks to Dr. Hung's support and Trevor's invitation, Lily Ren and Jane Li delivered an insightful guest lecture at the UBC School of Nursing. They illuminated key concepts in mental health for older individuals and shared our lab's innovative projects, Learning Innovation System (LIS), and Virtually Immersive Experience Program (VIP), with 21 international students attending the Vancouver Summer Program.



"Relationality and relational accountability are core values that form the foundation of many Indigenous worldviews. They inform how Indigenous peoples understand, relate to, and interact with each other, the natural world, Indigenous knowledges, and more. The term "all our relations" - a common refrain in prayer, ceremony, and greetings - describes a relational Indigenous paradigm that recognizes that all things in the natural world are related and that we are responsible for our relationships with the whole creation."

-Ferland, Chen, & Villigran (2021)

Click to be part of our learning



Enrol in the course by clicking this photo

EDII (Equity Diversity Inclusion Indigeneity) Workshop

Samaa ElSayed

This month, we held a total of 3 workshops, every Tuesday, where we discussed modules from the UBC Weaving Relations course. The course educates participants about Indigenous people and their land. It specifically focuses on "developing literacy in Indigenous history" and helping us understand how we can apply these teachings to our lab.

We also provided refreshments and pizza, and the number of attendees increased with every session. Our members are very interested and are learning about how the lab can utilize these teachings to adopt them in our research.

NEWS AND UPDATES

Telerobot Monthly Meeting

Olivia Du

With a wonderful introduction from Dr. Hung, we were introduced to Soyi and her art presentation. She spoke of her organization in HK and its usage of art to foster art learning, social connection, and ownership in older adults with dementia.

Furthermore, we celebrated our staff champion, Jeff's, birthday together and acknowledged his great contribution to the lab.

Moreover, our lab members Jason, Joey, Jeff, Grace, and Adam shared their experiences implementing telerobots in different long-term care (LTC) homes that we partnered with and we also gained critical feedback from our patient partners.

Finally, we concluded the meeting by discussing our headphone features, ordering custom lab pillows, and licensing our telerobot.



Click to watch Soyi's presentation



NEWS AND UPDATES

Congratulations to Joey!

Congratulations to Joey on her first first-authorship paper on staff and leadership teams' perspectives on the anticipated facilitators and barriers to the implementation of telerobots in long-term care homes!

[Click to learn more!](#)

Research article | [Open Access](#) | Published: 19 July 2023

Beyond Plan-Do-Study-Act cycle – staff perceptions on facilitators and barriers to the implementation of telepresence robots in long-term care

[Joey Wong](#) ✉, [Erika Young](#), [Lillian Hung](#), [Jim Mann](#) & [Lynn Jackson](#)

[BMC Health Services Research](#) 23, Article number: 772 (2023) | [Cite this article](#)

198 Accesses | 4 Altmetric | [Metrics](#)



Charlie with the mayor of Vancouver, Mr. Ken Sim at the Gastown Bike Race.



Insta 360° filming for virtual reality

Mario Gregorio and Charlie

The immersive 360-degree perspective used in this project conveys the feeling of direct engagement with the environment. This makes every video a special and memorable experience with a positive impact on well-being.



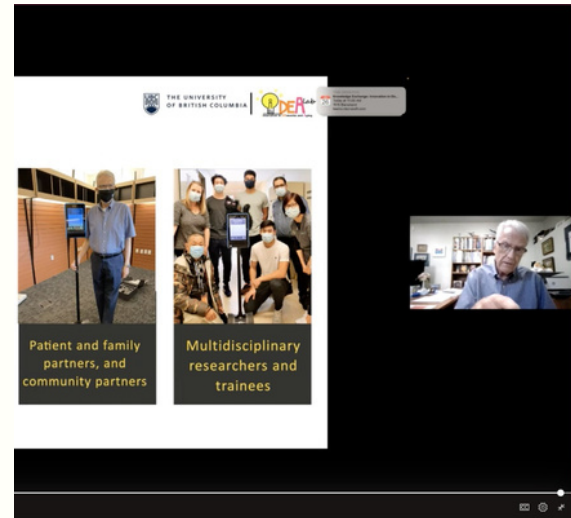
NEWS AND UPDATES

Ministry of Health Presentation

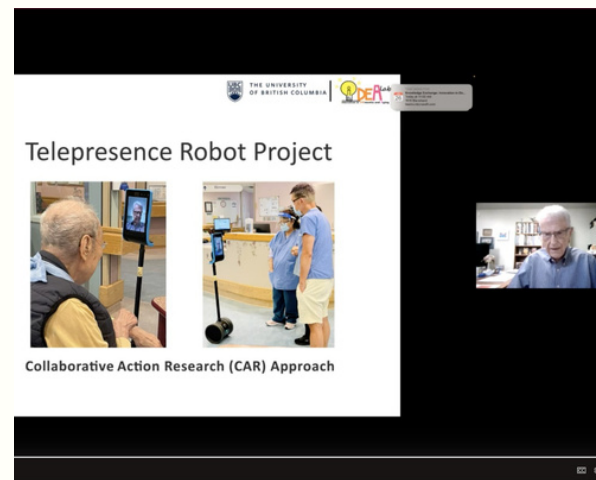
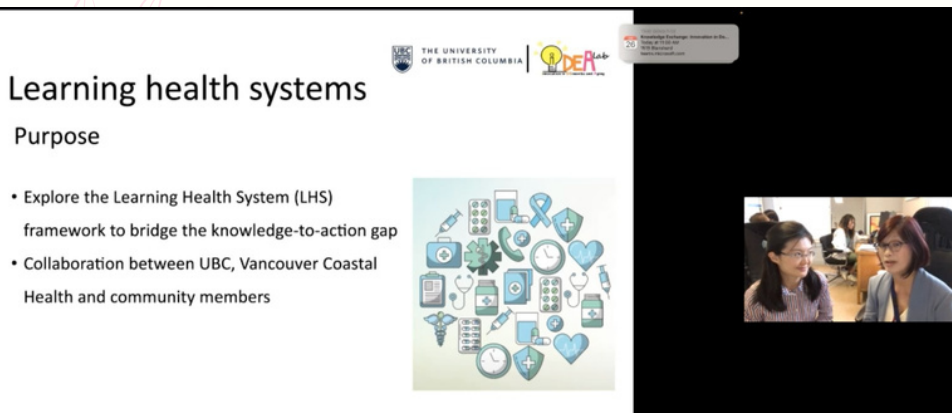
Olivia Du

During the Knowledge Exchange Webinar today, Jim and Dr. Hung presented about current projects in the lab: Telepresence robot, LOVOT, Learning Health System(LHS) and lab achievements. The webinar ended with a Q&A segment, in which they interacted with the audience.

Jim's comment: "What a great opportunity for the IDEA Lab to inform Ministry of Health personnel about the work of the Lab, discuss preliminary findings, and promote knowledge mobilization. I was honoured to be a part of today's presentation with [virtual] Dr. Hung"



Click this photo to watch the webinar :D



Chair Tai chi

Olivia Du

During the meeting, our lab member Ziyu and patient partner Mario led a chair Tai chi session for all the participants!



Click to watch the video