



FACULTY OF NURSING | Health Systems Transformation Initiative

# Post-Event Report Summary

## The Hive: Health Innovated

*A Transdisciplinary Strategy Activation Event*

Event Date: **January 9, 2024**

Event Location: **Hunter Student Commons Fourth Floor Collision Space (HNSC 401)**  
460 Campus Lane NW | Calgary, AB



# Executive Summary

The Hive: Health Innovated - A Transdisciplinary Strategy Activation Event was held on January 9, 2024, from 9:00 a.m. to 1:30 p.m. in the Hunter Student Commons Fourth Floor Collision Space, HNSC 401.

The event aimed to lay the groundwork for the strategic priorities of the University of Calgary's Faculty of Nursing Health Systems Transformation Initiative, The HIVE. The event saw a diverse key stakeholder group of 54 attendees from 12 facilities and departments across campus and 14 external community and industry partners.

The event featured a fireside chat with five transdisciplinary panelists who shared their visions for the future of health, the innovations/collaborations needed to realize this vision, and the role of The HIVE in achieving this future. In an Idea STORM, attendees providing feedback on the proposed pillars (System Innovation, Healthcare Workforce, and Compassionate Care), and the working mission and purpose of The HIVE. Attendees presented key takeaways in a structured report back, sharing who The HIVE should connect with, what action The HIVE should take first, and where The HIVE should promote for visibility and engagement.

The event received positive feedback from the attendees, who rated the event an average of 4.7 out of 5 in a feedback survey. Attendees expressed appreciation for the length and format of the event, the diversity and expertise of the panelists, the interactive and engaging format of the event, and the opportunity to connect and collaborate with other stakeholders. The areas of improvement that attendees shared included that they wanted to continue conversation and keep the momentum from the event.







The event achieved its goals of raising awareness and interest in The HIVE, fostering transdisciplinary connections and opportunities, and generating innovative ideas and solutions for how The HIVE might impact the future of health. Attendees identified and explored challenges such as aligning the vision and values of different stakeholders and differentiating The HIVE offering among other medical- and healthcare-focused innovation “hubs.” Session outputs highlighted the valuable and differentiating role of The HIVE as a nurse-led, transdisciplinary collaborative aimed at co-creating innovative solutions to promote *health* and healthcare *accessibility*.



## FACULTY OF NURSING

### Office of the Dean

PF2246, 2500 University Drive NW  
Calgary, AB, Canada T2N 1N4  
nursdean@ucalgary.ca  
nursing.ucalgary.ca

Dear attendees,

I wanted to take a moment to personally express my gratitude to each and every one of you for attending our January 9, 2024 event, The Hive: Health Innovated - A Transdisciplinary Strategy Activation Event. Your presence and active participation made the event a resounding success.

Our day kicked off with an energizing breakfast from Good Earth Coffeehouse and the energy built from there. You heard from panellists with expertise in nursing, innovation, biomedical engineering, and leadership who explored the future of nurses and nursing, the potential uses (and challenges of) health-based data analytics, and the innovation pipeline. Moderator and facilitator Dr. Tracie Risling steered our conversation and deepened our investigation into the tensions, challenges and passions that arise when exploring such intimate topics as health and accessibility.

The insights and expertise shared during the event were truly invaluable. Your perspectives have begun to shape the vision for The Hive and will undoubtedly play a critical role in the transformative work we aim to achieve. Through your contributions, we are confident that we will be able to re-imagine and then transform the ways health and healthcare are made accessible, delivered, and experienced.

I would also like to express my appreciation for the response we received from different faculties across campus. The diverse range of attendees from education, business, science, medicine, engineering, and nursing faculties brought a wealth of perspectives and ideas to the table (and whiteboards). Our partners in the Office of the Vice-President (Research) attended along with members from the Research Services Department and Faculty of Graduate Studies. Transdisciplinary collaboration is essential as we shape a comprehensive and innovative approach to healthcare transformation.

Furthermore, I would like to extend a thank you to our community and industry stakeholders who took the time to join us. The keen participation from a patient partner also did not go unnoticed. Representation from the patient perspective and organizations such as The Kidney Foundation, The Alex, Alberta Health Services, W21C, Bethany Care Society, Brenda Strafford Foundation, BioHubX, CUPS, Greg's Wings Projects, Alberta SPORU, Innovate Calgary, and Health Quality Council of Alberta demonstrates our shared interest in collaboration to advance advocacy to action.

Once again, thank you for your participation and support of the Faculty of Nursing's Health Transformation Initiative, The Hive. Your involvement in this day of strategic directive setting, meaningful knowledge sharing, and co-creation is and will continue to be instrumental in achieving the shared goals of The Hive. We are truly grateful for your commitment and look forward to continuing this journey together. You are one in a **buzz-illion**.

S'warm regards,

**Dr. Sandra Davidson**, PhD, MSN, RN, FAAN, FCAN  
Dean & Professor, Faculty of Nursing

# Event Overview

## Event Details

<b>NAME OF EVENT:</b>	<i>The HIVE: Health Innovated - A Transdisciplinary Strategy Activation Event</i>
<b>DATE/TIME:</b>	Date: <b>Tuesday, January 9, 2024</b> Time: <b>9:00 a.m. – 1:30 p.m.</b>
<b>DESCRIPTION:</b>	A collaborative gathering of key partners to lay the groundwork for the strategic priorities of Health System Transformation Initiative.
<b>LOCATION:</b>	<b>Hunter Student Commons Fourth Floor Collision Space (HNSC 401)</b>
<b>ATTENDEES:</b>	The event was attended by 54 people from various departments/faculties across campus, community/industry organizations, and patient/family partners
<b>REGISTRATION LINK:</b>	<a href="#">Health Innovated - A Transdisciplinary Strategy Activation Event / University of Calgary (ucalgary.ca)</a>

## Event Goals and Objectives

The event had the following goals and objectives:

- To raise awareness and interest in the Health Systems Transformation Initiative, The HIVE among transdisciplinary colleagues, community, and industry partners.
- To foster transdisciplinary connections and opportunities for collaboration and innovation among the event attendees and beyond.
- To identify the challenges and gaps to health and accessible healthcare with consideration to systems thinking.
- To highlight the potential role and value proposition of The HIVE as a nurse-led, transdisciplinary network for health and healthcare innovation, ideation, and solutions.
- To consider how The HIVE might differentiate itself from other healthcare-focused initiatives.



## Event Agenda

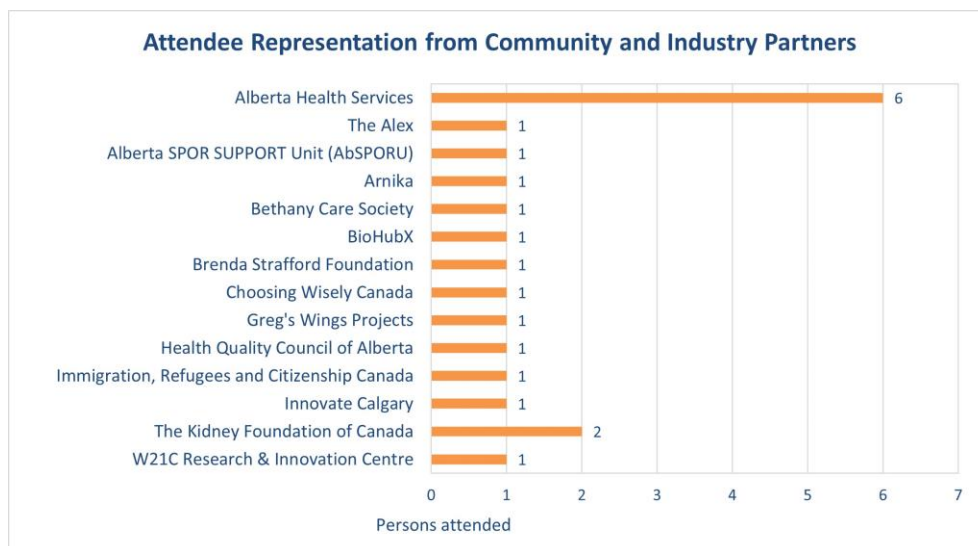
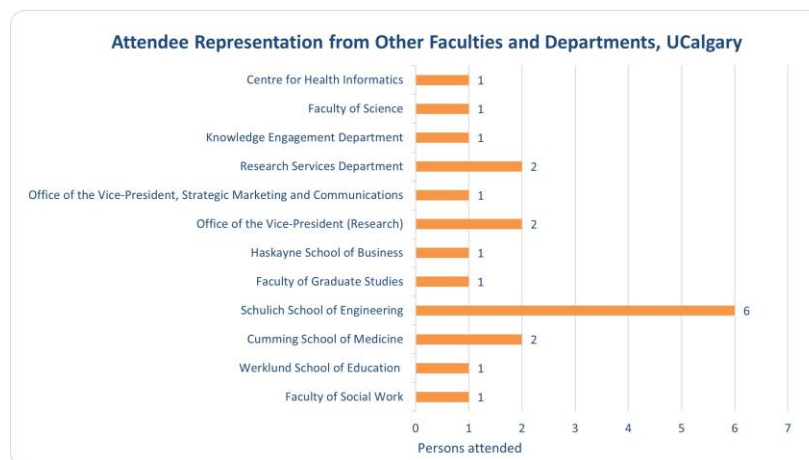
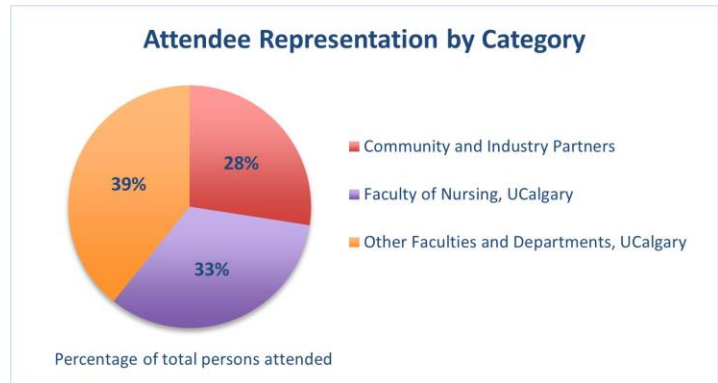
8:30 a.m.	Registration Opens Breakfast	Breakfast by Good Earth Coffeehouse
9 a.m.	Welcome Background and Emerging Pillars Introductions	Presented by Dr. Sandra Davidson
9:30 a.m.	Fireside Chat with Stakeholder Speaker Panel	Moderated by Dr. Tracie Risling
10:30 a.m.	<b>BREAK</b>	Snacks by Good Earth Coffeehouse
10:50 a.m.	Idea STORM Exploring Potential Pillars, Areas of Focus, and Directives HIVE Development Sessions	Facilitated by Dr. Tracie Risling
12 p.m.	<b>LUNCH</b>	Lunch by Good Earth Coffeehouse
12:30 p.m.	Structured Report Back Idea Prioritization	Facilitated by Dr. Tracie Risling
1 p.m.	Points of Engagement Collaboration Opportunities & Funding Next Steps	Facilitated by Dr. Tracie Risling
1:15 p.m.	Networking	

## Attendee Representation

The event saw 54 attendees, including transdisciplinary students and colleagues from 12 different departments and faculties across campus. The event saw representation from 14 different community and industry organizations.

Attendees represented a variety of disciplines and sectors, including nursing, engineering, medicine, education, public health, science, research, business, government, and the non-profit sector.

Attendees had diverse professional backgrounds and roles, including University of Calgary faculty and staff, researchers, and students; healthcare professionals; executives and managers; consultants, and patient/family partners.





## Event Panelists and Discussions

The event featured five panelists from different disciplines and sectors, who shared their vision, insights, and experiences on health innovation. The panelists were:

- **Dr. Sandra Davidson** – Dean & Professor, Faculty of Nursing, University of Calgary
- **Sue Crawford** – Manager, Health Systems Transformation Initiative, Faculty of Nursing, University of Calgary
- **Olha Shaposhnyk** – PhD Student, Biometric Technologies Lab, Dept of Biomedical Engineering, Schulich School of Engineering, University of Calgary
- **Dr. Karen Benzies** – Director, Social Innovation; Professor, Faculty of Nursing, University of Calgary
- **Dr. Michael Kallos** – Director, Biomedical Engineering Calgary Initiative; Dept Head & Professor, Dept of Biomedical Engineering, Schulich School of Engineering, University of Calgary



Moderated by Dr. Tracie Risling, alongside audience questions, the panel answered the following:

- What is your vision for the future of health?
- What innovations and transdisciplinary connections/opportunities are needed to realize this future?



- What is the role of The HIVE in achieving this future and how do we differentiate ourselves?

Discussions emphasized that *health is an every-human problem*. They spoke about the importance of considering the Social Determinants of Health to address challenges in health and healthcare, particularly those experienced in equity-deserving groups.

Attendees shared that change is needed and imminent, but that it takes time. Some suggested that applying an agile model and risk management will allow for this change to happen more rapidly.

Others shared the importance of education, academia, and research to solve these problems. They spoke about encouraging students to be curious and “problem-solvers” for the future of healthcare; however, attendees shared concerns around preparing leaders for a system that is not prepared for their leadership.

Many attendees expressed an increased focus on *tapping into* and leveraging data, including artificial intelligence, to solve *big, hairy problems*.

Conversations ignited about the need for balance between data and relationships, including those between people, community, resources, and systems. By promoting *unexpected collisions* between diverse voices, disciplines, and sectors, opportunities for co-creation will be born. Some shared that these conversations should be *driven by community*, and that university initiatives, like The HIVE, could wrap resources around it. The key to change would be to create spaces and moments for people with diverse experiences and different power differentials to come together to co-create.



## Session Discussions

### System Innovation

- Fostering nursing leadership with a focus on education, support, and mental health.
- Expanding the understanding of the healthcare workforce by ensuring well-being as well as valuing patient experiences.
- Promoting education activism and advocacy within the system.
- Enhancing transparency, trust, and collaboration between families and nursing staff.
- Driving system innovation through staffing models, preventive care, improved data sharing, unique funding models, and innovative partnerships.
- Advocating for person-centered care rather than the traditional patient-centered approach to promote more equitable care practices.
- Promoting collaborative care models (coACT).
- Enhancing virtual care.
- Calls for a collective effort from all personnel, including those adjacent to the system, for effective change management.

### Healthcare Workforce

- Promoting healthcare workforce development, emphasizing nursing leadership, working at their full scope, workforce composition (varied levels of experience), and continuing education and training.
- Improving transparency, trust, and collaboration between families and nursing staff in long-term care.
- Developing a culture of ongoing questioning in the system.
- Ensuring practitioners' well-being.

### Compassionate Care

- Supporting healthcare professionals to work to their full capacity.
- Focusing on mental health and wellness.
- Utilizing AI and tech solutions.
- Valuing patients' experiences and involving patients/families in care decision-making.
- System innovations for aging populations.
- Improving healthcare access for underserved communities.
- Advocating for preventive care.

### Visions for Health Innovations

- Focusing on improving healthcare education, local talent retention, and system efficiency.
- Emphasize preventative healthcare, accessible and equitable services for all.
- Utilizing innovations in technology like wearables, e-health, and 3D organ printing.
- Connecting industries for collaboration
- Increasing nursing capacities
- Empowering patients to take charge of their health
- Supporting local practitioners in both urban and rural areas.

## Event Outcomes

The event achieved its goals of raising awareness and interest in the Health System Transformation Initiative, The HIVE. We fostered transdisciplinary connections and opportunities, and generated innovative ideas and solutions for how The Hive might impact the future of health.

Attendees identified various challenges and gaps that need to be addressed, such as aligning the vision and values of different partners, securing funding and resources, and differentiating The Hive offering among other healthcare-focused innovation “hubs.”

The event attendees highlighted the role and value of The Hive, how The Hive might differentiate itself from



other as a nurse-led or nurse-informed transdisciplinary collaborative aimed at co-creating innovative solutions to promote health and healthcare accessibility.

Based on attendee discussions and feedback, we shaped and elevated The HIVE’s mission and purpose, and further defined the HIVE Pillars:

*The HIVE Mission: We are a nurse-led, transdisciplinary collaborative innovating, transforming, strengthening, and removing barriers to health and healthcare.*

*The HIVE Purpose: To co-create and mobilize innovative nurse-led, transdisciplinary, evidence-informed solutions that strengthen and make health and healthcare more accessible.*

*The HIVE Pillars:*

- 1. System Innovation: Advancing evidence informed transformation, policy, leadership development, consultation, and knowledge translation.*
- 2. Healthcare Workforce: Exploring capacity, competency/professional development, transdisciplinary engagement, circular innovation, and leadership.*
- 3. Compassionate Care: Promoting collaborative, co-designed, patient- and family-centered solutions.*

We welcomed Aaron Russell, live graphic artist at the event. His graphic recording is included on the next page.





# UNIVERSITY OF CALGARY

FACULTY OF NURSING

hosted

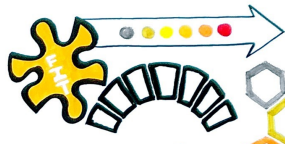
# Health InnoVatEd

A TRANSDISCIPLINARY STRATEGY ACTIVATION EVENT

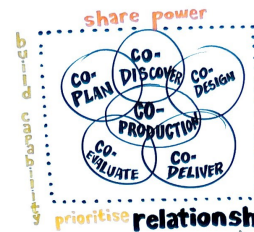


## nursing excellence

through leadership, innovation and resilience



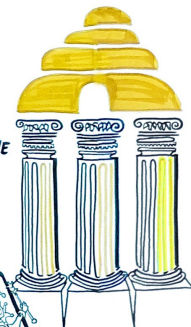
## curiosity



### Strategic Clinical Networks

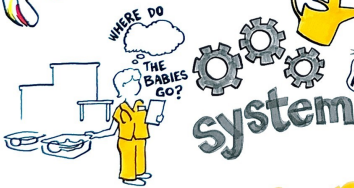


## health



## accessibility

### MORE STUDENTS



## system innovation



## VISION



## artificial intelligence amplification



Live GRAPHIC RECORDING: AARON RUSSELL

CONFERENCE Dudes.com

LinkedIn.com/in/ConfDood

## Emergent Questions

**Collaboration and Understanding:** How can we foster a culture of collaboration, learning, and continuous improvement among healthcare professionals, patients, families, government, educational institutions, and community partners to better understand the workings of the healthcare system and continue to identify priorities and issues?

**System Innovation and Technology:** How can we improve transparency, collaboration, and innovation and the overall healthcare system to address aging-related challenges, integrate care for newcomers, and focus on preventive care? How can we leverage transdisciplinary and tech-focused solutions, such as digital health, virtual care, and AI, to transform and improve healthcare services in Alberta?

**Patient Voice and Awareness:** What strategies can we implement to promote ideas, raise awareness through various mediums, and build relationships, ensuring that peoples' diverse experiences are heard and understood? How can we ensure that patients' experiences are valued and that patients and their families actively participate in care decision-making?

**Workforce Well-Being:** How can we better support healthcare professionals to work to their full capacity while prioritizing their mental health and wellness? What strategies can we implement to encourage a collective effort from all personnel involved in the healthcare system and support workforce well-being?

**Healthcare Leadership and Education:** How can we further emphasize the importance of leadership roles in healthcare and make necessary changes in education to attract more students to pursue healthcare careers?





## Attendee Feedback

The event received positive feedback from the attendees, who rated the event an average of 4.7 out of 5 in a feedback survey. Attendees expressed appreciation for the length and format of the event, the diversity and expertise of the panelists, the interactive and engaging format of the event, and the opportunity to connect and collaborate with other stakeholders. The areas of improvement that attendees



shared included that they wanted to continue conversation and keep the momentum from the event. Attendees also offered names of additional transdisciplinary colleagues and organizations that they felt would be interested in joining into future events or communications about The HIVE.

Our event saw high interest and engagement from attendees during and after the event. To date, 9 attendees provided anonymous feedback, 11 attendees offered additional insights by email, and 19 attendees requested a follow up meeting to further discuss the initiative.



Nearly all attendees requested to be included in future communications about The HIVE. Attendees' active participation during and after the event demonstrated strong interest for The HIVE as a nurse-led, transdisciplinary collaborative.

Attendees shared their feedback and reflections from the event. A few are highlighted on the next pages.

*"It's exciting and optimistic to see the level of support and the process of engaging key people within the HIVE will benefit the work when it comes to change or implementation of new guidelines, policies, practices, etc. Congrats to your whole team for a very engaging workshop. I look forward to the next steps!"*

- Jill Goth, MSW, Manager, Programs & Public Policy, The Kidney Foundation of Canada, Southern Alberta

*"Firstly, thank you to you and your team for hosting such a wonderful and inspiring event! These events always require so much preparation and hard work, and it sure showed with how well run it was. Thank you for allowing everyone to be a part of it."*

- Jenna Naylor, Research and Innovation Practice Manager, Dr. Barrie Strafford Centre for Learning, Innovation & Quality

*"Inspiring morning, thank you."*

- Justin Burkett, RN, MN, Assistant Professor, University of Calgary, Faculty of Nursing

*"It was delightful to hear from the panelists from the related fields about what changes, challenges and innovations they see on the horizon to fill the current gap in healthcare. I was intrigued by HIVE's efforts in exploring innovative strategies to shift healthcare from a state of "surviving to thriving". The integration and bridging across diverse disciplines/partners/stakeholders at all levels, sets a solid foundation for improving healthcare through sharing expertise and knowledge to solve practical challenges. The aegis of HIVE paves an opportunity for purposeful direction to occur nationally. The emphasis on exploring unique approaches to enhance the delivery of health to all was evident at the event. Once again, thank you for inviting me to the initial event and look forward to continuation on this event, with the aim to add a national lens."*

- Amal Remu, Senior Health Advisor, Immigration Refugee and Citizenship Canada

*"My main take-aways from the event were: (1) To increase diversity of thought/perspective. This could be accomplished by inviting a robust cross-section of faculty, healthcare providers, non-for-profit organizations, business community members, people with lived experience/patients, and representatives from all three levels of government. (2) To recognize and address barriers to innovation. (3) To keep the 'customer' in the centre of everything we do (this is often the patient but not always).*

- Jennifer Eyford, Associate Director, Mental Health, Addictions & Outreach, The Alex





*"Thank you to you and team for hosting the HIVE event- it was a lot of fun and great to learn about the initiative."*

- Ana Mladenovic, Research Manager, W21C Research and Innovation Centre, O'Brien Institute for Public Health, Cumming School of Medicine, University of Calgary

*"Great vision on the part of the Faculty to create and actualize a structure [The HIVE] specific to innovation. Outstanding job on the session this morning. I am so glad I was able to attend. I found the format of the event very effective - use of panel discussions, Q and A, round table discussions at our table and the use of the whiteboards. I felt there was the right balance of sitting and reflecting on speaker content and then time in the smaller groups to brainstorm. There was great value in the diversity of backgrounds (at my table) for rich discussion and idea generation. "*

- Leslie Austford, RN, MN, MBA, Sessional Instructor | Adjunct Clinical Associate, University of Calgary, Faculty of Nursing

*"Thank you for putting together the HIVE event! It was great to collaborate with others. There are so many opportunities for improvement in health and healthcare. Collaboration will get us there much quicker."*

- Megan Kirkpatrick, Associate Professor, University of Calgary, Faculty of Nursing

*"The Hive is well-positioned to connect people from different disciplines and contexts. My hope is that The Hive has a strong focus (or at least a focus area) on public health, community health, and prevention, rather than only focusing on treatment. My key take away was that we need to be focused on creating a health system rather than a medicine system (as Dr. Kallos phrased it). Doing this requires a transdisciplinary approach and collaboration between academia and industry."*

- Sam Pollock, PhD Student, University of Calgary, Schulich School of Engineering

*"[The HIVE event featured] different ways to have discussions and provide feedback. Good energy and activities. Good length."* - Anonymous

*"Great conversation and amazing people in the room with a good variety of perspectives."* - Anonymous

*"I loved the conversation, activities were engaging, and [I appreciated] the flow of the day."* - Anonymous

*"The interaction, well planned, interesting, great moderation."* - Anonymous

*"[I enjoyed the] different perspectives and inclusion of community."* - Anonymous

*"[I enjoyed the] networking and brainstorming at group tables."* - Anonymous

*"[The HIVE initiative is] so positive and a timely idea."* - Anonymous



# Event Sponsorship



The event was sponsored through a Transdisciplinary Connector Grant (Initiating Stream) through the Office of the Vice-President (Research), Transdisciplinary Scholarship at the University of Calgary. The sponsored amount was \$8,500 and the full amount was utilized for the success of the event.

The Hunter Student Commons provided the event venue at no cost to our group. Expenses for the event included catering, photography, live digital recording, attendee parking, material and supplies, door prizes, and gifts. The event was free for attendees. No revenue was collected related to the event.



# Next Steps

The next steps for The HIVE include:

- Securing future funding and additional key activities to continue to engage and deepen connections with transdisciplinary colleagues, community, and industry partners (Consolidating Connector Grant and SSHRC Connection Grant).
- Creating a manuscript for publication.
- Continuing our environmental scan to find fit and differentiation of The HIVE in the Calgary and Alberta innovation ecosystem.
- Establishing an online presence, and physical and virtual space for The HIVE.

To inform the next steps, Jennifer Eyford, Associate Director, Mental Health, Addictions & Outreach, The Alex suggested the following guiding questions:

*“How can we utilize approaches in innovation to solve complex problems such as homelessness, stigma towards people with mental health issues or the opioid crisis? How could (or must) policy advocacy play a role? Where can we look/connect/gather intel where health innovation has successfully been done? What can we learn from their process? What helpful approaches can we leverage such as design thinking, co-design, the patient journey experience etc. How does data inform all of this?”*



This is one of many events to be hosted by The HIVE. Further conversation and feedback are welcome.