

ANNUAL REPORT | APRIL 1, 2019 - MARCH 31, 2020

UNBC UNIVERSITY OF
NORTHERN BRITISH COLUMBIA
Health Research Institute

Image: UNBC Prince George campus aerial view



University of Northern BC

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HRI Manager: 10-1578

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MESSAGE FROM HRI CO-CHAIR, MARTHA MACLEOD

2019-2020 was the year that saw the Health Research Institute maintaining and gaining momentum in health research excellence, while navigating the challenges of work stoppage and COVID-19.

A few highlights were that the HRI manager and staff assisted more researchers than ever in proposal development, project start up, and implementation. The Knowledge Synthesis Centre began with a soft launch, and the brown bag lunches and seminar series went fully on-line. The close partnership with Northern Health was extended and new relationships developed with provincial ministries and the school district. Finally, capacity development took a new turn with the graduate student awards under the auspices of the BC SUPPORT Unit Northern Centre.

It is heartening to see, in this time that demands flexibility and clear purpose, how the Health Research Institute, through the efforts of its members, the Leadership Council, and staff have supported the ongoing commitment of UNBC to extending health research in its many forms.



Martha MacLeod - PhD

Co-Chair, Health Research Institute

Professor, Nursing

Professor, Health Sciences

Northern Health - UNBC Knowledge Mobilization Research Chair



ABOUT THE INSTITUTE

The UNBC Health Research Institute (HRI) is designed to enable UNBC's health researchers to further health research and innovation. The Institute provides a venue for collaboration, support, and the creation of partnerships among researchers from many disciplines concerned with health and its determinants. All who are engaged in health research are invited to become members of the HRI. Members of the HRI include researchers and students from across UNBC and its partners.

Vision

The UNBC Health Research Institute envisions a world in which healthy individuals, families and communities live without health inequities.

Mission

To facilitate the creation and translation of knowledge that will enhance the health and well-being of individuals, families and communities. The Health Research Institute will pursue this mission through promoting knowledge creation, knowledge synthesis and exchange, fostering links among researchers, stakeholders and partners such as Northern Health (NH), and developing research capacity.

Core Strategic Directions

The Health Research Institute has four core strategic directions. While they are outlined separately, they are interconnected in practice.

1. Knowledge Creation
2. Knowledge Synthesis and Exchange
3. Fostering Linkages
4. Capacity Development

Themes

Our members conduct research in the following areas:

- Biomedical
- Clinical
- Social & Environmental Determinants of Health
- Indigenous Health
- Health Services and Policy

Services

One of the ways that the Institute supports health research at UNBC is by sharing services and co-location of staff and research associates/assistant. This has allowed for synergy in research training, the maximization of research resources, and full utilization of space and research equipment (TAL 10-1586), as many research assistants and trainees work on specific projects part-time. It has meant that experienced research staff are available at short notice, which translates into flexibility and responsiveness when working with researchers and fulfilling a Secretariat role with research partners.

The HRI staff provide services to faculty, students, and partners, such as:

- Networking and partnership development
- Research proposal development
- Provide letters of support and/or collaboration for new proposed research and training
- Research project support (start up, implementation and monitoring)
- Provision of a venue for mentorship, training and capacity strengthening for faculty, trainees, and students
- Knowledge synthesis development and support
- Knowledge translation and exchange opportunities



Image: Let's Talk Aging and Technology in the North event, November 6, 2019



Image: 2019 Northern BC Research and Quality Conference workshop

LEADERSHIP COUNCIL

The Leadership Council provides overall stewardship of the HRI. The Council works collaboratively to mobilize resources to support research development and the emerging long-term strategic vision of the Institute.



Martha MacLeod

School of Nursing
Co-Lead



Henry Harder

School of Health Sciences
Co-Lead



Margot Parkes

School of Health Sciences



Sarah Gray

Northern Medical Program



Lela Zimmer

School of Nursing



Shannon Freeman

School of Nursing

Daman Kandola

Student Representative
PhD Candidate, School of Health
Sciences



Erika Belanger

Student Representative
Masters Student, School of
Health Sciences



Rachael Wells

HRI Manager



Bree Loeffler

Administrative Assistant



Leana Garraway

Research Associate



Erica Koopmans

Research Associate



Shayna Dolan

Research Associate

UPDATE ON INSTITUTE ACTIVITIES

APRIL 1, 2019 - MARCH 30, 2020

Image: NH CEO, Cathy Ulrich, providing welcoming remarks at the Let's Talk Aging and Technology in the North event.



KNOWLEDGE CREATION

SUMMARY OF PROGRESS

The Institute supports faculty and trainees to develop their capacity to create new knowledge. Research is not undertaken under the auspices of the HRI itself, but facilitates and supports research activities. Over the past year, the HRI has supported its members to development new knowledge in the following ways:

Seed Funding Programs:

Developing Northern Research Collaborations Awards, BC SUPPORT Unit Northern Centre Initiative

The BC SUPPORT Unit Northern Centre, co-led by the HRI and NH, established a funding program for UNBC and NMP researchers to request funding to work with health care providers, decision makers, and patient partners to develop collaborations for person, family, and community centred research that focuses on northern issues and challenges. The successful teams receive up to \$10,000 a one-year term. To date, the Northern Centre has funded 10 to awards to support researchers to establish patient-oriented research teams and catalyze new research plans. For a detailed list outlining teams who have received funding to date, please visit the [HRI Website](#), or see Appendix B. Upcoming teams will begin their projects on April 1, 2020.

Collaboration for Health Research in Northern BC, PHSA-NH-UNBC Partnership

The HRI continues to serve as the Secretariat for the UNBC, Provincial Health Services Authority (PHSA) and NH partnership and support the teams funded by the Collaboration for Health Research in Northern BC Seed Grant Program. The HRI has released six calls for applications since 2016 and provided funding to twenty teams and four of these teams are still active. For a detailed list of the funded teams, please visit the [HRI Website](#), or see Appendix C.

Supporting research proposal development and project support:

The HRI manager and staff has developed considerable skill in working with a variety of health researchers on research proposal development and submissions. Once projects are successfully funded, the HRI staff are available to provide project start up, implementation and monitoring. This service is cost recovered from the Academic Lead.

- Proposal development support: 24 applications submitted (e.g., CIHR, MSFHR, BC SUPPORT Unit).
 - Letters of Support provided: 4
 - Letters of Collaboration provided: 2
- Number of funded proposals: 17
 - Project start up support: 14
 - Project implementation and monitoring: 12

Image: Participants at the Physical Activity and Health Summit take a stretch break



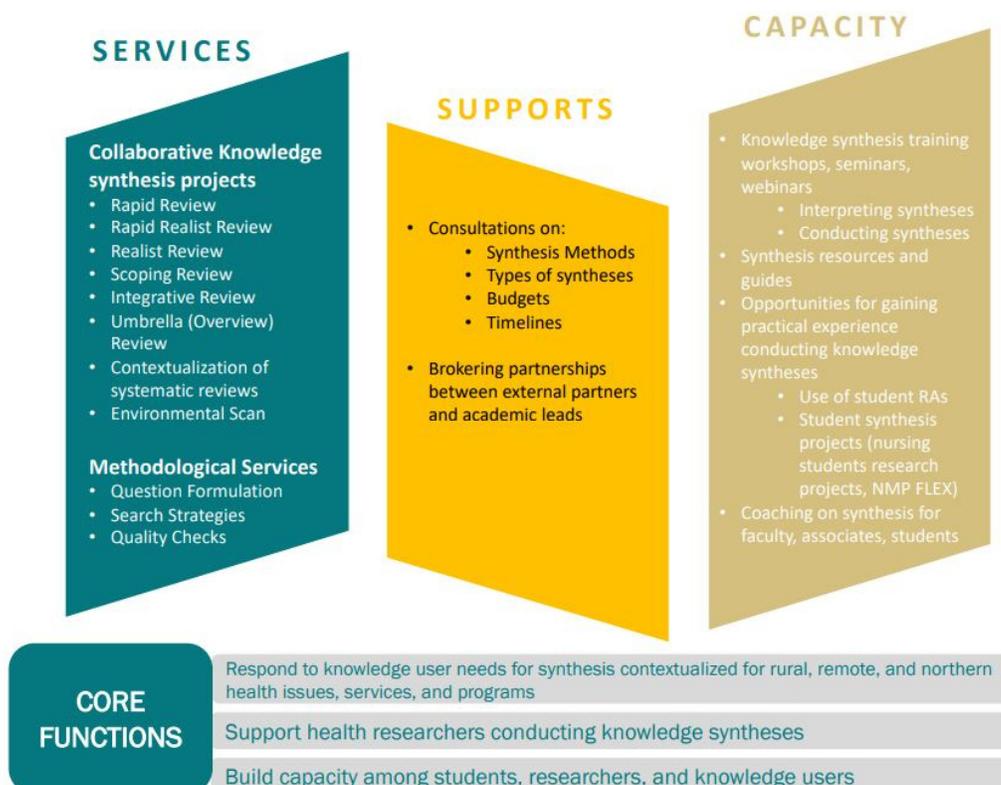
KNOWLEDGE SYNTHESIS AND EXCHANGE

SUMMARY OF PROGRESS

The HRI hosts and facilitates many opportunities for knowledge exchange. We offer two regular monthly seminars, partner with UNBC faculty and other organizations to host conferences and seminars and offer guest presentations when possible. A major achievement in this past year has been the development of the UNBC Knowledge Synthesis Centre, which is located within the HRI, and led by the NH-UNBC Knowledge Mobilization Research Chair (Dr. Martha MacLeod). The HRI uses several communication channels to promote the work of HRI Members, these include the HRI website, email list and twitter account, monthly e-newsletters (BC SUPPORT Unit Northern Centre and AHSN).

Knowledge Synthesis Centre

The Knowledge Synthesis Centre was established to create a structure and process to provide more consistent support for syntheses undertaken by UNBC faculty. In 2019, the HRI undertook a soft launch of the KS Centre to test out its feasibility and sustainability with UNBC faculty and their partners.



KS Centre Goals

- Provide timely, contextualized, evidence-based syntheses to inform the optimal management of patient care, resources and services, and development of policy and programs
- Support researchers in conducting high quality, rigorous, health related knowledge syntheses with rural and northern applicability
- Involve patients, partners, and decision makers in meaningful ways in synthesis and contextualization process
- Offer training and mentorship opportunities to students, researchers, and knowledge users
- Make syntheses more visible and obtainable
- Inform the design and conduct of new health research attentive to the needs and realities of northern British Columbians

Knowledge Synthesis Centre Projects, 2019 - 2020

Project	Academic Lead	Partner(s)	Type of Review	Status
Hermeneutic Approach to Implementation Scoping Review*	Martha MacLeod	Northern Health	Scoping Review	In Progress
Community Critical Response Framework for Critical Incidents Impacting Children & Youth	Henry Harder	Northern Health; School District 57; Ministry of Children & Family Development	Overview of Reviews (Focus groups & Process mapping also supported)	Complete
Physical Literacy	Chesea Pelletier	Northern Health; BC Alliance for Healthy Living	Rapid Scoping Review	Complete
Resources for sleep education in early childhood*	Caroline Sanders	Northern Health, PHSA	Literature Review	Complete
Health Impacts and Mitigation strategies	Chelsea Pelletier	BC Wildfire Service	Scoping Review	In Progress
Gender Based Violence Interventions in Africa	Sylvia Barton	Faculty Project	Scoping Review	In Progress
Health Research Networks*	Davina Banner-Lukaris	CIHR; SPOR Evidence Alliance	Systematic Review	In Progress

*represents projects that are patient oriented

Brown Bag Lunch Series

The Brown Bag Lunch series is a joint initiative between Northern Health and UNBC to promote health research and quality improvement in the North. The series takes place on the fourth Thursday of every month and feature a variety of health research and quality improvement topics and presenters. The presentations are held at the University Hospital of Northern BC (UHNBC) and available remotely via WebEx. Recordings of the Brown Bag Presentations are available on the [NH website](#).

Brown Bag Lunch Series Speakers April 1, 2019 - March 31, 2020

Month	Presenter	Affiliation	Presentation Title
February 2020	Sarah Nelson and Kathi Wilson	Queen's University and University of Toronto	Understanding barriers to health care access through cultural safety and ethical space: Indigenous people's experiences in Prince George, Canada
January 2020	Stuart Johnston, Dave Snadden, Erika Belanger, & Krystal Wong	Rural Coordination Centre of BC	Rural Coordination Centre of BC's Rural Site Visits Project
November 2019	Alexandra Marleau	UNBC Graduate Student	The understanding and management of stroke risk in patients with atrial fibrillation in northern British Columbia
October 2019	Ildiko (Ildi) Polgar	Northern Health	Untangling Complexities: Journey to Inactive Status of Casual Home Support Community Health Workers
September 2019	Martha MacLeod & Erica Koopmans	UNBC Health Research Institute	Developing a Northern BC Knowledge Synthesis Centre
June 2019	Georgia Betkus & Meg Labron	UNBC Graduate Students	Co-Creating Meaningful Patient Oriented Participatory Research on Gardening and Horticultural Therapy in a Long-Term Care Facility
May 2019	Chelsea Pelletiers & Anne Pousette	UNBC & Wellness in Northern BC	Conceptualizing "patient-oriented" for population health research
April 2019	Floyd Besserer	Northern Medical Program	Trends in prehospital research: opportunities for engagement

Health Research Seminar Series

The UNBC Health Research Seminar Series runs monthly between September and April and provides a venue for local and visiting researchers from a variety of disciplines and UNBC honors and graduate students to present their research. The Seminar Series is sponsored by UNBC Schools of Social Work, Nursing and Health Sciences and the Northern Medical Program. As well, the Sun Life Financial Rural Endowment Fund provides financial support to run the logistics and catering for the event. Attendance is generally 10-20 persons in person and online. Recordings of past sessions can be viewed on the [HRI Website](#).

Health Research Seminar Series Speakers April 1, 2019 - March 31, 2020

Month	Presenter	Affiliation	Presentation Title
March 2020	Sarah de Leeuw	School of Health Sciences, NMP	Health, Arts, and the Humanities: Crossroads Worth Critical and Creative Conversations
February 2020	Andrea Gingerich	Northern Medical Program	Failure-to-Fail in medical education: What are we thinking?
January 2020	Henry Harder	School of Health Sciences	Indigenous Research and the Importance of Epistemological Humility
October 2019	Travis Holyk	First Nations Studies	Sux Ganah (my words): A story of engaging in Indigenous Health Research
September 2019	Robin Roots	Physical Therapy	Filling two needs with a single deed: the Prince George Cardiac Pulmonary Rehabilitation Program improves patient outcomes and student learning

Guest Presentations and Sponsored Events

The HRI welcomes the opportunity to work with its members and partners to host guest presentations and support events that align with its mission. We encourage HRI members to work with the Institute as a venue for logistical and promotional support for their knowledge translation and exchange activities. The table below summarizes the presentations and events that the HRI sponsored, co-hosted or supported over the past year.

Date	Person/Group & Affiliation	Type	Title
March 3, 2020	Lianne P. Jeffs, inaugural Research and Innovation Lead and Scholar in Residence and Senior Clinician Scientist with Lunenfeld-Tanenbaum Research Institute of Sinai Health System and an Affiliate Scientist in the Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital.	Guest Presentation	Advancing Science of Care through Research, Improvement and Innovation
February 11, 2020	BC Lung Association	Livestream Worrkshop	Air Quality and Health Workshop: Environmental Justice of Air Quality in the Era of Citizen Science
November 20, 2019	BC SUPPORT Unit	Conference/Sponsored Event	Putting Patients First
November 7-8, 2019	BC Academic Health Sciences Network (BC AHSN)	Conference/Sponsored Event	Caring for Older Adults: Health, Wellness & Person-Centred Care
November 6, 2019	Shannon Freeman, Assistant Professor, School of Nursing, UNBC	Sponsored Event	Let's Talk Technology and Aging in the North
October 17, 2019	Gisèle Carrière, Senior Social Science Researcher, Statistics Canada	Guest Presentation	Linked Health Data: New Research Opportunities for Health Information
September 2019	Health Canada's Office of Clinical Trials and the Clinical Trial Compliance Program	Guest Presentation	(1) an introduction to ICH E17 Multi-regional Clinical Trials; (2) inspections in Canada; and (3) an introduction to using Guide 100 to comply with the Canadian regulatory framework. The event also included an overview of the addenda to ICH E6 (R2) GCP, N2 Updates and the BC Provincial Membership.
May 24, 2019	Dr. Cosgrove, PhD. MA, Research Fellow at the University of Melbourne, Department of Rural Health, Australia	Guest Presentation	Trialing a whole-of-person approach for improving retention of rural-based health professionals

Please email hri@unbc.ca if you are interested in working with the HRI to support an upcoming knowledge translation or exchange activity.

FOSTERING LINKAGES

SUMMARY OF PROGRESS

Linkages are fostered through the creation of partnerships, the provision of secretariat functions with UNBC health related partners, liaising with other research institutes at UNBC and elsewhere. The HRI also plays an active role in facilitating linkages for students and trainees to enhance their training, mentorship and development while at UNBC. The Secretariat function to the partnered initiatives has allowed the HRI to secure funding that supports health researchers and the development of health research and researcher capacity. The goals and objectives for each partnered initiative can be viewed on the HRI Website.

Secretariat Partners

Over the past year, the HRI continued to work in close partnership to provide secretariat functions with the following partners:

- Northern Health (NH)
- Rural Coordination Centre of BC (RCCbc);
- BC SUPPORT Unit Northern Centre and
- Provincial Health Services Authority (PHSA).



Rural Coordination
Centre of BC



Collaborations

The HRI works closely with the UNBC Research Institutes (The Natural Resources & Environmental Studies Institute (NRESi) and The Community Development Institute (CDI)) to foster the development of interdisciplinary research that focuses on the cumulative impacts of resource development in northern BC. The Institutes formed a Cumulative Impacts Research Consortium (CIRC) as a mechanism to engage stakeholders and foster linkages across northern BC in this area. As a result of the work undertaken by the CIRC, the HRI has been approached by the Fraser Basin Council to support the Nechako Watershed Roundtable to continue discussions about integrative approaches and innovative solutions to the health and wellbeing of communities and the environments they are situated within.

The HRI also established new relationships with Northern BC Ministry of Children and Family Development, School District 57 (SD57) in its work with NH to focus on developing a community response plan for critical incidents among children and youth. This partnership engaged stakeholders across the SD57 in developing the response plan. The HRI Knowledge Synthesis Centre supported Henry Harder to bring current evidence

The HRI's work in facilitating conferences and meetings have allowed researchers and students to become better known throughout the province for their expertise. This year, the HRI has fostered the involvement of UNBC faculty in BC SPOR SUPPORT Unit Methods Cluster projects, as well as hosting consultation meetings for the Academic Health Sciences Network (AHSN), MSFHR, and Ministry of Health with northern faculty and students.



Image: Henry Harder, Barb Oke, Chris use, and Sandra Martin Harris present at a CIRC Forum on Assessment of cumulative impacts on health and wellbeing

Working Groups and Committees

The HRI manager and staff are members of several local/regional, provincial, and national working groups and committees. The Secretariat function provided by the HRI for Partnered Initiatives provides opportunities to enhance research activities at UNBC. with the aim to enhancing UNBC's research and partnerships.

Local/Regional

- UNBC Regional Data Centre Advisory Committee
- UNBC Research Week Conference Planning Committee
- Academic Health Sciences Network Northern Node Planning Committee
- Northern BC Research and Quality Conference Planning Committee
- Brown Bag Planning Committee
- UNBC Health Research Seminar Series Planning Committee
- Cumulative Impacts Research Consortium Steering Committee
- NH-UNBC-NMP Clinical Research Working Group

Provincial

- BC SUPPORT Unit Working Groups:
- Each working group involves members from each regional health authority, patient partners, academic institutions (SFU, UVIC and UNBC).
- Research Navigators
- Training and Capacity Development
- Patient Engagement
- Knowledge Translation
- Regional Centre Leads
- Reporting and Operations
- Support Unit Conference Planning

National

- N2 Clinical Trials and Education and Awareness Working Group
- Pediatrics Resource Work Group

CAPACITY DEVELOPMENT

SUMMARY OF PROGRESS

A major focus in 2019-2020 for the HRI was developing and enhancing patient-oriented research and researcher capacity. This was achieved by providing workshops and presentations about the foundations of patient oriented research and a funding award for trainees.

Introduction to Patient-Oriented Research Workshops and Presentations:

- April 2019: Foundations of Patient Oriented Workshop, hosted by Rachael Wells, Tammy Hoefer, and Tamara Reichert, Fort St James
- June 2019: Research Skills Workshop: Patient Journey Mapping & Patient Oriented Research, hosted by Chelsea Pelletier and Denise Jaworsky, and Tamara Reichert, UNBC Terrace Campus.
- October 3, 2019: Health Sciences Senior Undergraduate/Graduate Seminar (HHSC 497/795), presented by Rachael Wells
- February/March 2020: Introduction to Nursing Research (NURS 403), presented by Rachael Wells and Tina Strudsholm

Funding for Trainees: BC SUPPORT Unit Northern Regional Centre – Graduate Studentship Award

The BC SUPPORT Unit Northern Regional Centre developed a Graduate Studentship Award to provide a one-year stipend to UNBC Master's and PhD students. The objectives of this award are to:

- Support and train thesis-based graduate students in the principles and practice of patient-oriented research;
- Provide patient-oriented training activities to develop capacity through an interdisciplinary approach that fosters collaboration between research partners (e.g., applicants, thesis supervisors, clinicians, patient partners, and community team members);
- Create opportunities for research partners to work together, from conceptualization of the research question through to dissemination and implementation of results; and
- Demonstrate the impact of the studentship for graduate students and their research.

In 2019-2020, two graduate students received a Graduate Studentship Award for June 1, 2019 - May 31, 2020.

Erika Belanger, Masters of Health Sciences

Project Title: "Community Pharmacy Providers' Experiences of Over the Counter Codeine Product Sales in British Columbia"

Alex Douglas, Masters of Science in Interdisciplinary Studies

Project Title: "The Rehabilitative Effects of Vodder's Manual Lymphatic Drainage on Patients Experiences with Concussions"



Image: Erika Belanger and Alex Douglas, winners of the 2019 Graduate Studentship Award

A second call for applications opened in early 2020, with a start date of April 1, 2020 for the next studentship awards. For a list of award winners, please visit the [HRI Website](#).

LOOKING FORWARD

2020 - 2025

Henry Harder (UNBC) and Dr. Travis Holyk (CSFS) during a press release on their \$1.5 million dollar CIHR grant to pursue a five-year research project focused on strengthening mental wellness and suicide prevention for Elders in B.C.'s Northern Interior.



LOOKING FORWARD

2020 - 2025

The HRI will continue to pursue its four strategic directions/goals: knowledge creation, knowledge exchange and translation, fostering linkages, and capacity development. It will implement objectives and activities in a collaborative and networked way, which allows the Institute to be strategic yet flexible and opportunistic in its actions, within UNBC's new academic structure.

Objectives and Activities for the Next 5 Years:

Knowledge Creation

Objectives	Activities
To increase the breadth of engagement with our Partners for knowledge creation	Create forums for exchange of ideas and interconnections amongst researchers and knowledge users to identify knowledge needed to inform decision making and change
To continue and increase support for grant development and grant management	Support the services provided by the Office of Research and Develop shared resources for health research and training (e.g., RAs, supplies, equipment, space, web maintenance/coordination for health researcher website)
To foster the building of research teams (e.g., including researcher/knowledge user teams)	Continue to offer seed and team development grants that promote partnerships and patient oriented research and Look for opportunities to support research development in all research themes

Knowledge Exchange and Mobilization

Objectives	Activities
To create a sustained Knowledge Synthesis Centre	Be responsive to our Partners' evidence needs
	Develop champions in KS methods
	Create streamlined processes to accept funding for KS projects
	Increase KS training opportunities
To support KT/Scientific communication – graphics/KT products	Implement the KS Centre Development Plan, including its evaluation
	Develop/profile resources and tools to assist researchers in sharing their evidence to a variety of audiences.
To promote the creation of scholarly materials and materials for knowledge users	Develop/profile resources to support the development of KT products in a variety of media platforms (web-based, print, video)
	Explore the potential of offering publication assistance
To offer training in knowledge translation	Establish an HRI discussion paper series
	Undertake MSFHR KT Pathways training to develop northern champions who can offer KT Pathways training

Fostering Linkages

Objectives	Activities
To continue to advocate for the strengths of UNBC's research environment with funding agencies	Continue to serve as the Secretariat for UNBC health related partnerships
To maintain and extend a strong multidisciplinary research culture	<p>Liaise with other research institutes and centres at UNBC</p> <p>Continue to promote the HRI within schools and programs across UNBC</p> <p>Work intentionally with the new UNBC faculties</p>
To enhance researcher and trainee reputation and linkages	Foster working relationships with health research institutes provincially, nationally, internationally

Capacity Development

Objectives	Activities
To become a training hub for health research trainees and junior faculty	<p>Mentor students (e.g., links among graduate students; create events that engage undergraduates)</p> <p>Offer specific training in:</p> <ul style="list-style-type: none"> Knowledge synthesis methods Knowledge translation and exchange Scientific writing (manuscript preparation and grant design) <p>Conduct a review to understand the training and development needs of HRI members and their trainees in order to ascertain how the Institute can contribute to addressing these needs in a diverse, multidisciplinary research environment</p> <p>Provide opportunities for researcher development in collaboration with the UNBC Office of Research (e.g., training for RAs; grant writing workshops, how to manage grant funding, databases and their analysis)</p> <p>Plan for core training activities to be offered through the HRI</p>
To continue to advocate for improved data access and training for research needs	<p>Continue role on RDC @ UNBC Advisory Committee</p> <p>Promote opportunities for training and use data for research</p> <p>Leverage regional centre model as a member of the AHSN to engage in upcoming developments for health data access in BC to better support researcher and trainees working with health administrative data</p>
To enhance UNBC's training environment	Leverage partnership with Academic Health Sciences Network, Northern Health and the Ministry of Health to enhance our training environment
To strengthen UNBC's capacity in Clinical Research	<p>Contribute to the orientation and scholarly development of new faculty</p> <p>Leverage the provincial and national supports for clinical research through the AHSN and N2 to strengthen and increase capacity for the UNBC REB and local infrastructure for the successful conduct of clinical research</p> <p>Provide access to Clinical Research education and training through N2</p> <p>Work with Office of Research to implement systems for successful clinical research (ethics, quality management system, etc.)</p> <p>Leverage and share development opportunities through the AHSN (Clinical Trials BC)</p>
To support the growth of the UNBC health research training environment	Promote information sharing about current research training opportunities to undergraduate and graduate students (e.g., distribution of information on funding opportunities; contribute to Office of Research database)
To develop student engagement.	<p>Bring graduate students together in education and social events</p> <p>Offer more meet-ups, networking events, and training targeted to students</p> <p>Actively look for and act on opportunities to foster research leadership development</p>

Strengthening the HRI and it's Services

Objectives	Activities
To promote the benefits of being involved with the HRI to researchers and research trainees	Develop structures and processes to support shared services for HRI researchers Create an outreach component to HRI membership
To continue to offer a Secretariat function for UNBC-NH partnered endeavors	Maintain the role of the BC SUPPORT Unit Northern Regional Centre
To confirm ongoing space for the HRI that serves its mandate for networking and support of faculty through shared services	Continue to articulate the needs for ongoing space to meet the needs of the HRI.
Develop on-going funding support for core business functions of the Institute	Confirm core business functions of the HRI and how these enhance the goals and objectives of the Office of Research and Graduate Programs Establish mechanism to determine funding levels with and from the Office of Research
To formalize the structures and processes that the HRI offers to support research development	Review and formalize structures and processes for services to be offered by the HRI, e.g., grant start up support, supervision of research project staff, assistance of research staff recruitment, provision of research assistant opportunities for students, mentorship of research project staff, research fund management, facilitation of targeted funding support
To incorporate regular evaluation of HRI initiatives and actions	Implement an evaluation and monitoring system to better capture the outcomes achieved by researchers and trainees through partnered initiatives and funding
To sustain and renew the HRI Leadership	Diversify and expand the Leadership Council Develop champions for the Institute across all programs and faculties at UNBC
To expand researcher roles within the Institute	Explore with the VP Research opportunities to include visiting scholars and research scientists within the HRI

APPENDICES

Image: The HRI manager and staff are located in UNBC's Teaching and Learning Building



APPENDIX A

membership list

Lela Zimmer
Nicole Balliet
Alanna Koopmans
Alex Douglas
Amanda England
Amy Klepetar
Anastassi Halka
Andrea Gingerich
Anne Pousette
Anne Sommerfeld
Annette Thuesen
Annie Duchesne
Atlin Braaten
Blanca Schorcht
Bree Loeffler
Brooke Boswell
Bruce Danesh
Candida Graham
Caroline Sanders
Catharine Schiller
Celia Belamour
Chelsea Pelletier
Chow Lee
Chris Buse
Christiana Onabola
Christopher Ross
Katie Cornish
Daman Kandola
Dan Horvat
Dave Snadden
Davina Banner-Lukaris
Dawn Hemingway
Denise Jaworsky
Diana Tecson
Dawn McArthur
Donna Atkinson
Ray Markham
Ellen Chesney
Elaina McCarron
Emma Rossnagel
Erica Koopmans
Erika Belanger
Erin Wilson
Fatemeh Mohammadnejad
Fiona McPhail
Geoff Payne
Georgia Betkus
Glen Schmidt
Hadassah Abraham
Han Li
Henry Harder
Hui Jun Chew
Indrani Margolin
Isobel Hartley
Jacqueline Pettersen
Jalil Safaei Boroojeny
Jason Morris
Jeff Kormos
Jennifer Tippett
Jordana Archer
Judy Thompson
Julia Bickford
Kafui Monu
Kari Harder
Karlene Ritchie
Kathleen Hughes
Katie Clauson
Ken Biron
Ken Prkachin
Kendra Furber

APPENDIX A

membership list

Kevin Adam
Kevin Keen
Kimberley Thomas
Kuo-Hsing Kuo
Larine Sluggett
Leana Garraway
Lianne Tripp
Linda Van Pelt
Lindsay Mattews
Lisa Kyle
Luke Harris
Lynda Pattie
Mal Kaminska
Mamdouh Shubair
Margo Greenwood
Margot Parkes
Marina Giovannoni
Mark Barnes
Martha Macleod
Mary McLay
Melanie Robbestad
NA Chowdhury
Nadine Caron
Nadine Meroniuk
Nancy Jokinen
N. Cross
Neil Hanlon
Nicole Fraser
Paul Winwood
R. Stent
Rachael Wells
Daniel Ramcharran
Ranjana Bird
Rob Olson
Robin Roots
Roseann Larstone
Ross Hoffman
Rukevwe Onororemu
Russell Callaghan
Stacey Cabage-Sterling
Sara Pyke
Sarah de Leeuw
Sarah Gray
Sarah Hanson
Alina Schroeder
Sean Maurice
Shannon Freeman
Shannon Wagner
Shayna Dolan
Sheona Mitchell-Foster
Si Transken
Soryoung Sim
Steinunn Jonatansdottir
Stephen Rader
Sylvia Barton
Tamara Checkley
Tammy Klassen-Ross
Tammy Pearson
Tanis Hampe
Tassi Halka
Tina Strudsholm
Trina Fyfe
Waqar Haque
Yaser Ahmed

APPENDIX B

Developing Northern Research Collaborations Award

BC SUPPORT Unit, Northern Centre

Active Teams:

Envisioning Health with Nadleh Whut'En

UNBC Researcher: Sarah De Leeuw

Health System Partners: Kelly Gunn

Patient/Community Partner: Carolyn Hilbert

Term: March 2018 - June 2020

Preventing RhD Alloimmunization in Northern BC

UNBC Researcher: Trina Fyfe

Health System Partner: Christorina Taruc

Patient/Community Partner: Jennifer Hawkes

Term: September 2018 - June 2020

Optimizing the Patient Experience in Medical Travel

UNBC Researcher: Denise Jaworsky

Health System Partner: Dave Sohi

Patient/Community Partners: Howard & Judy Chafin

Term: September 2018 - May 2020

Access to Care for Women with Complex Pregnancies in Northern BC: Patient Partner Capacity-Building

UNBC Researcher: Sheona Mitchell-Foster

Health System Partner: Denise Jaworsky

Patient/Community Partner: Trina Fyfe

Term: March 2018 - August 2019

Industry and Health in Northern BC Communities

UNBC Researcher: Margot Parkes

Health System Partner: Sandra Allison

Patient/Community Partner: Garry Thiessen

Term: March 2018 - March 2020

Building a Patient-Oriented Physical Activity Research Framework for Northern BC

UNBC Researcher: Chelsea Pelletier

Health System Partner: Kelsey Yarmish

Patient/Community Partners: Anne Pousette

Term: March 2018 - August 31, 2019

How Can Stories of Stroke Lead to Actionable Health Research and Improve Health Care Services

UNBC Researcher: Davina Banner-Lukaris

Health System Partner: Haidar Hadi

Patient/Community Partner: Barbara Croome

Term: September 2018 - March 2020

Improving Mental Health Service User's Experiences of Cancer Care via Patient Engagement

UNBC Researcher: Roseann Larstone

Health System Partner: Robert Olson

Patient/Community Partner: Carrie McLeod / Linda Hoepfner

Term: September 2018 - December 15, 2019

Cardiac Rehabilitation in Northwestern BC: Developing Capacity for a Patient-Oriented Research Project

UNBC Researcher: Chelsea Pelletier

Health System Partner: Denise Jaworsky

Patient/Community Partner: Liane Busse

Term: September 2018 - September 2019

How Can Stories of Stroke Lead to Actionable Health Research and Improve Health Care Services

UNBC Researcher: Davina Banner-Lukaris

Health System Partner: Haidar Hadi

Patient/Community Partner: Barbara Croome

Term: September 2018 - March 2020

Improving Mental Health Service User's Experiences of Cancer Care via Patient Engagement

UNBC Researcher: Roseann Larstone

Health System Partner: Robert Olson

Patient/Community Partner: Carrie McLeod / Linda Hoepfner

Term: September 2018 - December 15, 2019

Cardiac Rehabilitation in Northwestern BC: Developing Capacity for a Patient-Oriented Research Project

UNBC Researcher: Chelsea Pelletier

Health System Partner: Denise Jaworsky

Patient/Community Partner: Liane Busse

Term: September 2018 - September 2019

Collaboration for Health Research in Northern BC Seed Grant Program

PHSA, NH, UNBC

Active Teams:

Growing Our Own: A Resident Focused Pilot Gardening Program in a Long-Term Care Home

UNBC Lead: Dr. Shannon Freeman, Assistant Professor, Nursing

PHSA Lead: Lindsay VanderMeer, Clinical Coordinator, Nutrition

NH Lead: Erin Branco, Clinical Dietician

Term: January 1, 2019 - October 1, 2019

Exploring current provider, patient, parent, non-governmental organization knowledge and practices of infant sleep education programs within Northern BC

UNBC Lead: Dr. Caroline Sanders, Associate Professor, Nursing

PHSA Lead: Jana Wong, Reproductive Mental Health Social Worker, BC Women's Hospital

NH Lead: Jennifer Begg, Executive lead, Child and Youth Health

Term: January 1, 2019 - October 1, 2019

Mapping of pregnancy care for women living with HIV in Northern BC: A qualitative analysis

UNBC Lead: Sheona Mitchell-Foster

PHSA Lead: Melanie Murray

NH Lead: A. Obeida and A. Hamour

Term: January 1, 2018 - December 30, 2019

A recall system to improve vaccine coverage in Northern BC: A pilot community intervention trial

UNBC Lead: Sandra Allison

PHSA Lead: Manish Sadarangani

NH Lead: Andrew Gray

Term: January 1, 2018 - April 30, 2019