Research Assets / Infrastructure Inventory

Working document -- November 2017
Overview:

The British Columbia Interior University Research Coalition (IURC) is a partnership involving the University of Northern British Columbia (UNBC) in Prince George, Thompson Rivers University (TRU) in Kamloops, and the Okanagan campus of the University of British Columbia (UBCO).

The partnership is based on the view that these three campuses, because of their size and their proximity as research ‘neighbours’ in the BC Interior, can, by working together, achieve more and provide greater benefits to the region, the province and beyond.

At the heart of this coalition is a shared commitment to participating in partnerships that focus on:

- Fostering research excellence, knowledge and innovation;
- Harmonizing resources;
- Enhancing academic opportunities; and
- Increasing benefits for communities throughout the BC Interior.

This document highlights an inventory of research assets and infrastructure at and connected to UNBC, TRU and UBCO, with emphasis on four key themes where each of the three institutions have demonstrated research strength that can be strategically combined for greater impact:

|---|---|---|---|

**IURC Profile:**

The IURC partners – UNBC, TRU and UBCO – collectively form a core of research and innovation talent and infrastructure in the BC Interior. This core, surrounded by and connected to industries, communities and other stakeholders throughout the province, is central to the Interior’s innovation ecosystem.

**The BC Interior’s Innovation Backbone**

**Combined regional economic impact:**

~$2.875 Billion

**Place, People & Reach: Regional Centres for Talent Development & Research Excellence**

<table>
<thead>
<tr>
<th>UNBC</th>
<th>Thompson Rivers University</th>
<th>UBC</th>
</tr>
</thead>
<tbody>
<tr>
<td>~4200 students,</td>
<td>~13,100 students on campus,</td>
<td>~9000 students,</td>
</tr>
<tr>
<td>~180 faculty,</td>
<td>~11,500 via Open Learning,</td>
<td>~950 faculty &amp; staff</td>
</tr>
<tr>
<td>~385 staff</td>
<td>~425 faculty,</td>
<td></td>
</tr>
<tr>
<td>Prince George main campus, 5 sites across northern BC</td>
<td>Kamloops main campus, 9 sites across south-central BC</td>
<td>Part of the UBC system with Vancouver campus</td>
</tr>
</tbody>
</table>
The Partnership

- Focused on harmonizing resources, enhancing mobility and academic opportunities for graduate students and faculty, and increasing benefits for communities across the Interior
- Complemented by partnerships with host cities, research centres, regional colleges, industry and non-profit sector across the Interior
- Phase I: Initially seeded with funds from each institution to establish a partnership office

The Partnership acknowledges and respects each university's primary role to (with academic freedom/independence) do research, teach and work with communities, and the importance of striking the right balance.

**Aligned Strategic Research Priorities:**

The strategic research plans of the IURC partners have strong alignment across key theme areas of interdisciplinary research, and some areas with cross-cutting application across all themes:

<table>
<thead>
<tr>
<th>Environment &amp; Natural Resources</th>
<th>Sustainability, Environment &amp; the Natural World</th>
<th>Biodiversity, Ecological Resilience &amp; Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Development</td>
<td>Community &amp; Cultural Engagement</td>
<td>Regional Socioeconomic Development</td>
</tr>
<tr>
<td>First Nations &amp; Indigenous Studies</td>
<td>Aboriginal Understanding</td>
<td>Aboriginal/Indigenous Culture and Community</td>
</tr>
<tr>
<td>Northern, Rural &amp; Environmental Health &amp; Wellness</td>
<td>Health &amp; Wellness, Education &amp; Diversity</td>
<td>Health &amp; Wellness Promotion &amp; Assessment</td>
</tr>
<tr>
<td></td>
<td>Technology &amp; Optimization</td>
<td>Advanced Materials &amp; Manufacturing</td>
</tr>
</tbody>
</table>
The Value of Regionally Responsive Research Partnerships

We have to have more multi-institutional, multi-university partnerships. As research universities, we all strive to be the best at everything, but we are not going to be able to do it. The more we compete against each other versus collaborate with each other, the more difficult it becomes to solve really wicked societal problems, such as hunger, poverty and health issues.

We also need to engage with our community and partners to create both social and economic value at the same time. It is not enough that our research has the potential to save lives, improve our society or even help our planet. The public also expects that our research... connects with their lives and they want to be actively included in the planning, execution, analysis and benefit of the research they participate in.

- Brian Herman, Ph.D., University of Minnesota, VP Research

Why This Partnership?

Universities are committed to participating in community partnerships that drive the knowledge and innovation economy. Working together will:

- Create new opportunities for the Interior of BC by attracting greater talent and investment and building on existing cross-institutional initiatives/projects
- Respond to the federal and provincial focus on innovation, trades & skills training, workforce participation and sectorial economic development
- Leverage resources, affiliations and expertise in concert to connect publicly funded research with community, business, and industry experts
- Enable smaller institutions and centres to gain strength through collaboration/joining forces
- Advance and balance R&D heft and commercialization possibilities
The Value of Research Partners

"External research partners offer governments unique benefits. By leveraging both internal and external resources, these partnerships can more effectively and efficiently meet the demand for quality research.

External partners give governments unbiased and politically neutral research results that are independent of the state’s policy environment.

They can add to (and complement existing) analytic capacity. They integrate both policy and academic approaches to analysis and problem solving. And they can provide needed specialized expertise to support government policy.

- From Venessa A. Keesler Michigan Department of Education"
IURC RESEARCH ASSETS AND INFRASTRUCTURE

**THEME:** Environment, Biodiversity, Ecological Resilience & Recovery, Natural Resource Management

**Programs and Research Chairs:**

**UNBC Masters in Natural Resources & Environmental Studies**
https://www.unbc.ca/nres-graduate-program
https://www.unbc.ca/nres-graduate-program/faculty

**TRU Masters of Science in Environmental Science (MScES):**
https://www.tru.ca/science/programs/msces/faculty.html

**TRU Masters in Environmental Economics and Management:**
https://www.tru.ca/business/eem.html

**UBCO Graduate Studies Programs:**
http://gradstudies.ok.ubc.ca/prospective/grad-programs.html

**Dawson, Russell:** 2005 Canada Research Chair in Avian Ecology
http://web.unbc.ca/~dawsonr/russ.htm

**Dery, Stephen:** Canada Research Chair in Northern Hydrometeorology
http://web.unbc.ca/~sdery/

**Elkin, Che:** Forest Renewal BC/Slocan Mixedwood Ecology Chair, Integrated Forest Decisions Lab  https://www.unbc.ca/che-elkin

**Ford, Adam:** Canada Research Chair, Wildlife Restoration Ecology  http://atford.weebly.com

**Fraser, Lauchlan:** 2004-2014 Canada Research Chair in Community and Ecosystem Ecology  https://lfraserlab.wordpress.com

**Hodges, Karen:** Bert Brink Canada Research Chair in Conservation Biology
http://biol.ok.ubc.ca/faculty/hodges.html

**Huber, Dezene:** 2005 Canada Research Chair in Forest Insects & Chemical Ecology
http://web.unbc.ca/~huber/Huber_Lab/Research_%26_Links.html
Janmaat, John: BC Regional Innovation Chair, Water Resources and Ecosystem Sustainability  
http://econ.ok.ubc.ca/faculty/janmaat.html

Klironomos, John: 2003 Canada Research Chair and Royal Society of Canada Fellow,  
Microbial Biology, Plant and Soil Ecology, Fellow of the American Association for the  
Advancement of Science  http://johnklironomos.com

Menounos, Brian: Canada Research Chair in Glacial Change  
http://couplet2.unbc.ca/?page_id=100

Murch, Susan: 2005-2015 Canada Research Chair in Natural Products Chemistry  
http://chem.ok.ubc.ca/faculty/murch.html

Nec, Yana: Canada Research Chair, Applied Mathematics in the Natural Environment  
http://kamino.tru.ca/experts/home/main/bio.html?id=ynec

Owens, Phil: Forest Renewal BC Endowed Research Chair in Landscape Ecology  
https://www.unbc.ca/owens/research

Parker, Katherine: Muskwa-Kechika Research Chair in Wildlife Ecology and Nutrition  
http://web.unbc.ca/~parker

Parkes, Margo: Canada Research Chair in Health, Ecosystems, and Society  
http://www.unbc.ca/parkes

Pelletier, Nathan: Endowed Chair in Bio-economy Sustainability Management and the  
NSERC/Egg Farmers of Canada, Industrial Research Chair in Sustainability  
https://prismlab.weebly.com/dr-nathan-pelletier.html

Petticrew, Ellen: Forest Renewal BC Endowed Research Chair in Landscape Ecology  
https://www.unbc.ca/ellen-petticrew/research

Reudink, Matt: Northcote & Brink Professorship in Behavioural Ecology  
https://www.mattreudink.com

Ross Friedman, Cynthia: Royal Society of Canada College of New Scholars, Scientists and  
Artists member in forest and urban ecology  http://faculty.tru.ca/cross/

Scott, David: Forest Renewal BC Endowed Chair in Watershed Management  
http://eegs.ok.ubc.ca/faculty/scott.html
Tang, Youmin: Canada Research Chair in Climate Prediction & Predictability
http://web.unbc.ca/~ytang/

Venter, Oscar: Forest Renewal BC/ West Fraser Growth and Yield Chair, Integrated Forest Decisions Lab http://oscarventer.net/research/

Wei, Adam: Forest Renewal BC Endowed Chair in Watershed Management
http://eegs.ok.ubc.ca/faculty/adamwei.html

Wright, Pamela: Wilberforce Fellowship in Conservation Science:
https://www.unbc.ca/pamela-wright

Dr. Lauchlan Fraser, 2004-2014
Canada Research Chair in Community and Ecosystem Ecology and candidate for NSERC Industrial Research Chair

Institutes and Centres:

Alliance for Mountain Environments: http://mountainalliance.ca

Atmospheric Science Research Group:

Biodiversity, Resilience & Ecosystem Services: http://braes.ok.ubc.ca
The UBC Bioreactor Technology Group collaborates with government agencies, municipalities, industries, and researchers within UBC and other institutions with an ultimate goal of waste reduction and resource recovery.
**Labs and Facilities:**

Aleza Lake Research Forest: [http://alrf.unbc.ca](http://alrf.unbc.ca)


Biological Solutions Research Lab: [http://www.biosolutions.ubc.ca](http://www.biosolutions.ubc.ca)


Ecological and Conservation Genomics Laboratory: [https://people.ok.ubc.ca/mirussel/index.html](https://people.ok.ubc.ca/mirussel/index.html)

Environmental Disturbance Assessment Research Lab: [http://web.unbc.ca/~dawsonr/russ.htm](http://web.unbc.ca/~dawsonr/russ.htm)

Fipke Lab for Trace Elements Research (FiLTER): [http://ikbsas.ok.ubc.ca/research/filter.html](http://ikbsas.ok.ubc.ca/research/filter.html)

Food Systems PRISM Lab: [https://prismlab.weebly.com/research.html](https://prismlab.weebly.com/research.html)

Forest and Mycorrhiza Ecology & Ecophysiology Research Group: [http://biol.ok.ubc.ca/research/fame.html](http://biol.ok.ubc.ca/research/fame.html)

Genetics Lab: [https://www.unbc.ca/genetics](https://www.unbc.ca/genetics)

GIS & Remote Sensing Lab with Doppler SODAR: [http://gis.unbc.ca](http://gis.unbc.ca)

High-Performance Computing Lab: [http://web.unbc.ca/hpc/](http://web.unbc.ca/hpc/)


I.K. Barber Enhanced Forestry Lab: [https://www.unbc.ca/enhanced-forestry-lab](https://www.unbc.ca/enhanced-forestry-lab)

Insect Physiology and Biochemistry Lab: [https://markrheault.weebly.com/research.html](https://markrheault.weebly.com/research.html)

John Prince Research Forest: [http://researchforest.unbc.ca/jprf/jprf.htm](http://researchforest.unbc.ca/jprf/jprf.htm)

Microanalytics Laboratory: [https://ubcotectonics.weebly.com/facilities.html](https://ubcotectonics.weebly.com/facilities.html)

Molecular & Population Genetics Lab: [http://web.unbc.ca/~dawsonr/russ.htm](http://web.unbc.ca/~dawsonr/russ.htm)

Northern Analytical Laboratory Services: [https://www.unbc.ca/northern-analytical-lab-service/equipment-and-services#lab-equipment](https://www.unbc.ca/northern-analytical-lab-service/equipment-and-services#lab-equipment)

Paleoecology Lab: [http://www.paleolab.ca/paleo.html](http://www.paleolab.ca/paleo.html)

Quesnel River Research Centre: [https://www.unbc.ca/quesnel-river-research-centre/qrrc-facilities-and-equipment](https://www.unbc.ca/quesnel-river-research-centre/qrrc-facilities-and-equipment)

Tree Ring Lab: [https://www.unbc.ca/dendro-lab/facilities](https://www.unbc.ca/dendro-lab/facilities)

Facility for Environmental and Biological Imaging: [http://febi.ok.ubc.ca](http://febi.ok.ubc.ca)

Scanning-Electron Microscopy (SEM) Lab: [http://semlab.ok.ubc.ca](http://semlab.ok.ubc.ca)

Single Molecule Mechano-Biology Lab: [https://people.ok.ubc.ca/isaac-li/research.html](https://people.ok.ubc.ca/isaac-li/research.html)

Wells Gray Education & Research Station: [https://www.tru.ca/science/programs/biology/wells_gray.html](https://www.tru.ca/science/programs/biology/wells_gray.html)


---

The Quesnel River Research Centre acts as a hub of activity for a wide range of scholars who are seeking to improve understanding of topics relating to (and including human interactions with) the natural environment. The centre was established in 2002 as western Canada’s only field station focused on the highly interdisciplinary domain of landscape ecology, funded by a generous endowment from Forest Renewal BC.
THEME: Rural and Community Health & Wellness, Health & Wellness Promotion and Assessment

Programs and Research Chairs:

UNBC Masters in Health Science: https://www.unbc.ca/health-sciences/community-health
and PhD: https://www.unbc.ca/health-sciences/phd-health-sciences

UNBC Graduate Programs in Nursing: https://www.unbc.ca/nursing/graduate-programs,
Psychology https://www.unbc.ca/psychology
and Social Work https://www.unbc.ca/social-work

TRU Master of Nursing: https://www.tru.ca/nursing/programs/master-of-nursing.html

TRU Graduate Certificate in Child and Youth Mental Health: 
https://www.tru.ca/nursing/programs/master-of-nursing.html

UBCO Graduate Studies Programs:  
http://gradstudies.ok.ubc.ca/prospective/grad-programs.html

UBC Faculty of Medicine: Northern Medical Program UNBC: 
https://www.unbc.ca/northern-medical-program/health-research
and Southern Medical Program UBCO: http://smp.med.ubc.ca/research.html

Ainslie, Philip: Canada Research Chair, Cerebrovascular Physiology in Health and Disease  
https://hes.ok.ubc.ca/person/philip-ainslie-2/

Barker, Philip: Canada Research Chair, Molecular Neuroscience  
http://research.ok.ubc.ca/about/vpr.html https://barker-lab.ok.ubc.ca/research.php

De Leeuw, Sarah: Royal Society of Canada College of New Scholars, Scientists and Artists  
member in medical humanities and health determinants in marginalized people  
https://www.unbc.ca/people/de-leeuw-dr-sarah

Gerlach, Alison: Bantering Fellowship in Early Intervention Therapy with Indigenous Communities  
https://www.unbc.ca/releases/43679/unbc-researcher-named-banting-fellow

Gray, Sarah: Canada Research Chair, Integrative Physiology of Diabetes  
https://www.unbc.ca/people/gray-dr-sarah
Greenwood, Margo: International Indigenous Fellow and Director, National Collaboration Centre for Aboriginal Health
https://www.consa-nccah.ca/313/ac%E2%80%8Bademic-lead.nccah

Kelly, Karen: BC Rural and Remote Research Institute Co-Chair
https://www.unbc.ca/rural-health-institute/team

MacLeod, Martha: Northern Health Knowledge Mobilization Research Chair
https://www.unbc.ca/martha-macleod

McCormick, Rod: BC Regional Innovation Chair, Aboriginal Health
https://www.tru.ca/edsw/research/all-my-relations.html

Martin Ginis, Kathleen: Reichwald Family UBC Southern Medical Program Chair in Preventive Medicine and Director, Chronic Disease Prevention Program
https://hes.ok.ubc.ca/person/kathleen-martin-ginis/

Parkes, Margo: Canada Research Chair, Health, Ecosystems and Society
https://www.unbc.ca/people/parkes-dr-margot

Pesut, Barb: Canada Research Chair, Health, Ethics and Diversity
https://nursing.ok.ubc.ca/person/barbara-pesut/

Snadden, Dave: Rural Doctors’ UBC Chair in Rural Health
https://www.unbc.ca/people/snadden-dr-david

Voaklander, Paul: BC Rural and Remote Research Institute Co-Chair
https://www.unbc.ca/rural-health-institute/team

Institutes and Centres:

Centre for Heart, Lung & Cardiovascular Health: http://chlvh.ok.ubc.ca/about.html

Centre for Optimization and Decision Science: https://www.tru.ca/science/research/cods.html

Centre for Optimization, Convex and Nonsmooth Analysis: https://ocana.ok.ubc.ca/index.php

Centre for Respiratory Health and Sleep Science:
https://www.tru.ca/science/research/sleep.html

Cluster of Research Excellence in Community Health:
http://research.ok.ubc.ca/about/research-excellence-clusters/community-health.html
The Southern Medical Program’s Chronic Disease Prevention Program (CDPP) is aimed at progressing the research front in the prevention and management of chronic diseases.

Dr. Kathleen Martin Ginis, a Professor with UBC Faculty of Medicine and UBC Okanagan Faculty of Health and Social Development, is the founding CDPP Director.
**Labs and Facilities:**

- Applied Behavioral Change Lab: [http://abclab.ok.ubc.ca](http://abclab.ok.ubc.ca)

- BC SUPPORT Unit Northern Centre: [https://www.unbc.ca/health-research-institute/bc-support-unit-northern-centre](https://www.unbc.ca/health-research-institute/bc-support-unit-northern-centre)

- Barker Molecular Biology Lab: [https://barker-lab.ok.ubc.ca/index.php](https://barker-lab.ok.ubc.ca/index.php)

- Centre for Heart, Lung & Vascular Health Labs: [http://chlvh.ok.ubc.ca/research/labs.html](http://chlvh.ok.ubc.ca/research/labs.html)
  - Cardiopulmonary Laboratory for Experimental and Applied Physiology
  - Cerebrovascular Physiology Laboratory
  - Exercise Metabolism and Inflammation Laboratory
  - Integrative Clinical Cardiopulmonary Physiology Laboratory
  - Integrative Neuromuscular Physiology Laboratory

- Health, Ethics & Diversity Lab: [https://nursing.ok.ubc.ca/research/health-ethics-and-diversity-lab/](https://nursing.ok.ubc.ca/research/health-ethics-and-diversity-lab/)

- Health and Exercise Psychology Lab: [http://dprg.ok.ubc.ca](http://dprg.ok.ubc.ca)

---

**High Throughput Genomics Sequencing – Applied Genomics Lab**

*Dr. Jonathan Van Hamme, Associate Professor of microbiology, is director of the Applied Genomics Laboratory at Thompson Rivers University.*

*The lab’s primary focus is on advancing knowledge of environmental remediation and waste treatment, as well as within the agricultural industries, including Canadian food, beverage and nutraceuticals.*
Menard Lab in Chemical Neurobiology: http://www.menardlab.com

Northern Analytical Lab: https://www.unbc.ca/northern-analytical-lab-service

Protein Expression and Purification Facility: http://chem.ok.ubc.ca/faculty/kirwolth/facilities.html

Single Molecule Mechano-Biology Lab: https://people.ok.ubc.ca/isaacli/

Walking Lab – Walking, Health & the Civic Landscape: bbaugh@tru.ca

The research program within the Northern Medical Program (NMP) utilizes a multidisciplinary approach to address fundamental questions under the overarching theme of health research.

This mission is accomplished through faculty member's individual research programs with a view to improving health outcomes and influence health policy for the betterment of northern individuals, Canadians and people worldwide.

The faculty are actively engaged in research that encompasses three distinct themes that include:

- Basic medical sciences
- Medical education
- Health epidemiology

The research teams are fully collaborative with stakeholders in the region such as The Northern Health Authority and National Collaborating Centre for Aboriginal Health in addition to other research teams nationally and internationally.
UNBC researchers Laura Ryser and Dr. Greg Halseth collaborated on Towards a Political Economy of Resource-Dependent Regions, a book exploring how the pace of change has increased in resource-dependent communities over the past three decades due to complex and interwoven economic, political, social, demographic, cultural, environmental and community changes.
The Institute for Community-Engaged Research (ICER) unites researchers from a broad range of disciplinary backgrounds, including Anthropology, Gender Studies, Indigenous Studies, Economics, Education, Health Studies, Human Geography, Nursing, Social Work and Sociology. ICER is a hub for building relationships, collaboration, and effective knowledge creation and exchange - a unique model for interdisciplinary research.

**Institutes and Centres:**

Centre for Mindful Engagement: [http://cme.ok.ubc.ca/about-cme/](http://cme.ok.ubc.ca/about-cme/)

Centre for Optimization and Decision Science: [https://www.tru.ca/science/research/cods.html](https://www.tru.ca/science/research/cods.html)

Centre for Optimization, Convex and Nonsmooth Analysis: [https://ocana.ok.ubc.ca/index.php](https://ocana.ok.ubc.ca/index.php)

Centre for Inclusion & Citizenship: [https://cic.arts.ubc.ca](https://cic.arts.ubc.ca)

Centre for Study of Services to Children & Families [http://cssof.ok.ubc.ca](http://cssof.ok.ubc.ca)

Cluster of Research Excellence in Green Infrastructure: [http://research.ok.ubc.ca/about/research-excellence-clusters/green-infrastructure.html](http://research.ok.ubc.ca/about/research-excellence-clusters/green-infrastructure.html)


Community Development Institute: [https://www.unbc.ca/community-development-institute](https://www.unbc.ca/community-development-institute)
Composites Research Network: http://crno.ok.ubc.ca

Centre for Optimization and Decision Science (TRU) https://www.tru.ca/science/research/cods.html


Cultural Future of Small Cities (CURA): petts@tru.ca

Innovative Learning Centre: https://innovativelearningcentre.ca

Institute for Community-Engaged Research: http://icer.ok.ubc.ca/welcome.html

Institute for Social Research: https://www.unbc.ca/institute-social-research

Regional Socioeconomic Development Institute: http://rsedic.ok.ubc.ca

Materials and Manufacturing Research Institute: https://secure.campaigner.com/csb/Public/show/j8j3n--dbgm7-5jy8j44

Wood Innovation Design Centre (WIDC): http://www.unbc.ca/graduate-engineering

**Labs and Facilities:**

Advanced Control and Intelligent Systems (ACIS) Laboratory: http://acis.ok.ubc.ca/?page_id=230

Biological Solutions Laboratory: http://www.biosolutions.ubc.ca

Bioreactor Technology Group Laboratory: http://bioreactortechgroup.ok.ubc.ca

Energy Systems and Power Electronics Laboratory: http://www.espel.ok.ubc.ca

Facility for Environmental and Biological Engineering: http://febi.ok.ubc.ca

Integrated Optics Laboratory: http://iol.ok.ubc.ca

Life Cycle Management (LCM) Laboratory: http://ok-prolmlab.sites.olt.ubc.ca

RF and Microwave Technology Research Centre: http://www.mtl.ok.ubc.ca/index.html

Survive & Thrive Applied Research (STAR) hub: www.star.ubc.ca

Sustainable Transportation Safety Research Laboratory: http://engineering.ok.ubc.ca/faculty/gordonlovegrove/STS_lab.html
The Wood Innovation Research Lab (WIRL), under construction in Prince George, BC, will be used by UNBC’s master of engineering in integrated wood design to analyze the environmental load of processes and products used for the new lab. The PICS-supported project will produce life cycle analysis and energy models for four design variations of the building. The research for this project is being conducted by Stephanie Wall (MEng), and supervised by program chair Guido Wimmers.
THEME: First Nations / Indigenous Studies and Aboriginal Understanding

Programs and People:

UNBC Masters in First Nations Studies: https://www.unbc.ca/first-nations-studies


UBC Okanagan Graduate Studies: http://www.calendar.ubc.ca/okanagan/?tree=18,285,898,1058

Armstrong, Jeanette
Canada Research Chair, Okanagan Indigenous Knowledge & Philosophy, UBCO
https://ourstories.ok.ubc.ca/stories/jeannette-armstrong/

Dr. Jeannette Armstrong is a spokesperson for indigenous peoples’ rights. The award-winning writer and activist, novelist and poet has always sought to change deeply biased misconceptions related to Aboriginal people.

De Leeuw, Sarah: Royal Society of Canada College of New Scholars, Scientists and Artists member in medical humanities and health determinants in marginalized people
https://www.unbc.ca/people/de-leeuw-dr-sarah

Harder, Henry: Donald B. Dix BC Leadership Chair for Aboriginal Environmental Health
http://www.unbc.ca/henry-harder

Johnson, Shelly: Canada Research Chair, Indigenizing Higher Education
https://www.tru.ca/edsw/research/indigenizing-higher-education.html
Loukacheva, Natalia: Canada Research Chair, Aboriginal Governance & Law  
https://www.unbc.ca/people/loukacheva-natalia

McCormick, Rod: BC Regional Innovation Chair, Aboriginal Health  
https://www.tru.ca/edsw/research/all-my-relations.html

Mason, Courtney: Canada Research Chair, Rural Livelihoods and Sustainable Communities  
http://courtneymason.sites.tru.ca

### Institutes and Centres:

- All My Relations Research Network: [https://www.tru.ca/edsw/research/all-my-relations.html](https://www.tru.ca/edsw/research/all-my-relations.html)
- Centre for Indigenous Media Arts: [http://cima.ok.ubc.ca](http://cima.ok.ubc.ca)
- Centre for Inclusion & Citizenship: [https://cic.arts.ubc.ca](https://cic.arts.ubc.ca)
- Institute for Community-Engaged Research: [http://icer.ok.ubc.ca/welcome.html](http://icer.ok.ubc.ca/welcome.html)
- Centre for Optimization and Decision Science (TRU): [https://www.tru.ca/science/research/cods.html](https://www.tru.ca/science/research/cods.html)
- Knowledge Makers International Indigenous PhD Circle:  
http://kamino.tru.ca/experts/home/main/profile.html?pid=5442
- National Collaborating Centre for Aboriginal Health: [https://www.ccnsa-nccah.ca/en/](https://www.ccnsa-nccah.ca/en/)
- Urban Aboriginal Knowledge Network Western Research Centre: [http://uakn.org/research-centre/western-research-centre/](http://uakn.org/research-centre/western-research-centre/)

---

All My Relations is a research network directed by Dr. Rod McCormick (Kanienkehaka), BC Innovation Chair of Aboriginal Health at Thompson Rivers University. The overarching goal of the research network is to develop a national Aboriginal family and community health research and training centre to identify, research and further advance and implement best practices in Aboriginal family and community health and healing.
Other Research Assets and Infrastructure:

Centre for Optimization and Decision Science: [https://www.tru.ca/science/research/cods.html](https://www.tru.ca/science/research/cods.html)

Centre for Optimization, Convex and Nonsmooth Analysis: [https://ocana.ok.ubc.ca/index.php](https://ocana.ok.ubc.ca/index.php)

Distributed Database Lab: [https://people.ok.ubc.ca/rlawrenc/](https://people.ok.ubc.ca/rlawrenc/)

High-Performance Computing Lab: [http://web.unbc.ca/hpc/](http://web.unbc.ca/hpc/)