

TRADITIONAL TERRITORIES ACKNOWLEDGEMENT



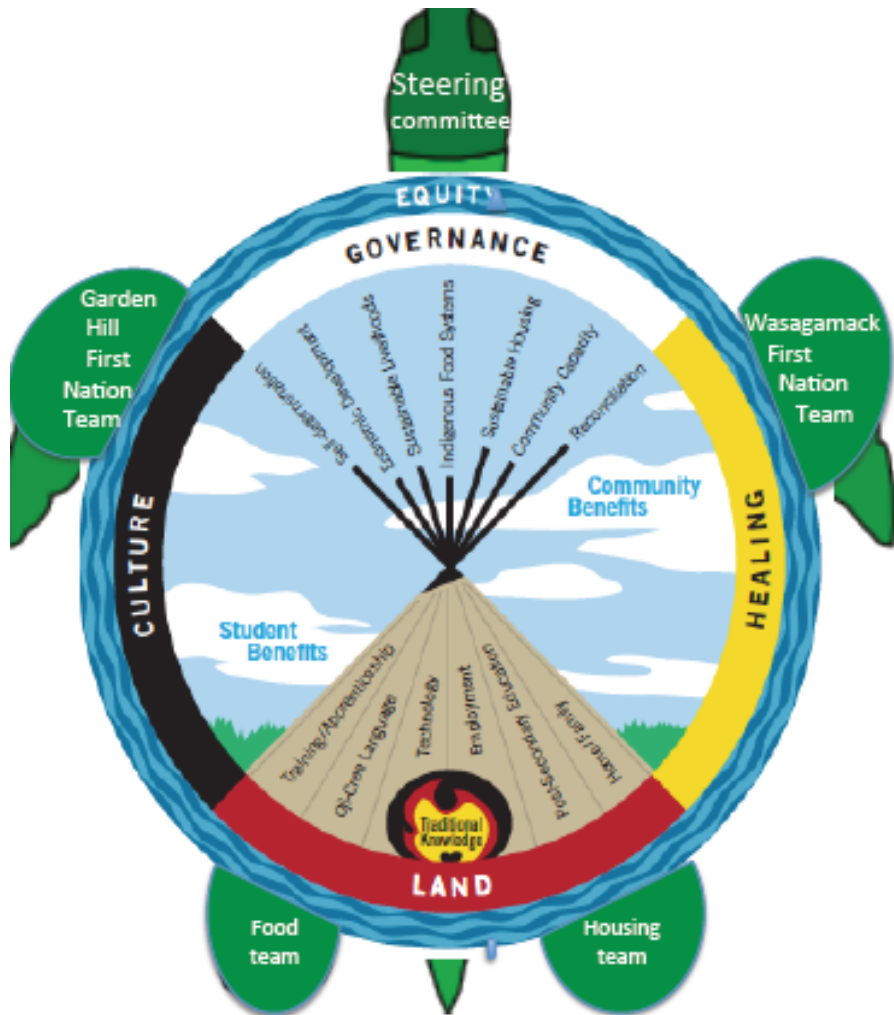
The University of Manitoba campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene peoples, and on the homeland of the Métis Nation.

We respect the Treaties that were made on these territories, we acknowledge the harms and mistakes of the past, and we dedicate ourselves to move forward in partnership with Indigenous communities in a spirit of reconciliation and collaboration.



UNIVERSITY

SSHRC Partnership Grant



Social Sciences and Humanities Research Council of Canada		Conseil de recherches en sciences humaines du Canada		Internal use 891036
Application for a Grant				
Identification				
This page will be made available to selection committee members and external assessors.				
Funding opportunity Partnership Grants				
Program name 1 - Talent 2 -		Type of partnership New		
Joint or special initiative				
Application title Northern Teaching Lodges: Learning Partnership for Community Development and Mino Bimaadizwin in First Nation Communities				
Org. code 1460311	Full name of lead organization (applicant) University of Manitoba			
Project director family name Thompson		Project director given name Shirley		Initials J
Org. code 1460311	Full organization name University of Manitoba			
Department/Division name Natural Resources Institute				
Is this a research-creation project? Yes <input checked="" type="radio"/> No <input type="radio"/>				
Does your proposal involve Aboriginal Research as defined by SSHRC? Yes <input checked="" type="radio"/> No <input type="radio"/>				
Does your proposal involve human beings as research subjects? If "Yes", consult the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans and submit your proposal to your organization's Research Ethics Board. Yes <input checked="" type="radio"/> No <input type="radio"/>				
Does any phase of the proposed research or research-related activity:				
A. Constitute a physical activity carried out on federal lands in Canada, as defined in sub-section 2(1), in relation to a physical work and that is not a designated project; Yes <input type="radio"/> No <input checked="" type="radio"/>				
B. Constitute a physical activity carried out outside of Canada in relation to a physical work and that is not a designated project; Yes <input type="radio"/> No <input checked="" type="radio"/>				
C. (i) Permit a designated project (listed in the CEAA 2012 Regulations Designating Physical Activities (RDPA)) to be carried out in whole or in part; Yes <input type="radio"/> No <input checked="" type="radio"/>				
C. (ii) Depend on a designated project (listed in the RDPA) that is, or will be, carried out by a third party? Yes <input type="radio"/> No <input checked="" type="radio"/>				
Total				
Total funds requested from SSHRC				2,500,000



Goal of SSHRC Programming with Education and Training

Objectives

The overall goal to realize the potential of post-secondary education for student outcomes, Indigenous self-determination and *Mino Bimaadiziwin* when community-led and project-based.

This partnership will:

- 1) Explore how community-led culturally-appropriate education and projects can meet the needs and priorities of communities;
- 2) Analyze the impact of projects-based post-secondary education in **housing** and **food** on education outcomes, sustainable livelihoods and self-determination; and
- 3) Identify the education, housing and food system policy that are barriers to *Mino Bimaadiziwin* and seek solutions.

Post-secondary education in remote FNs

HIGH SCHOOL

A stack of yellow graduation caps (mortarboards) with white tassels, set against a dark background. The caps are piled on top of each other, with the top one being the most prominent. The tassels are hanging down from the caps. The background is dark, making the yellow caps stand out.



SSHRC grant designed to create new pathways to Indigenous Achievement through research

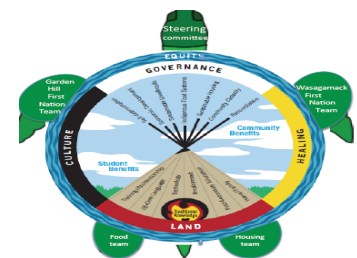


Figure 1: Location of communities surveyed in Northern Manitoba



Garden Hill
and
Wasagamack
in Island Lake

Island Lake history: returning to Mino bimaadiziwin

TIMELINE - ISLAND LAKE COMMUNITIES

PRE 1818

Mino Bimaadiziwin translated to 'the good life', where people led nomadic lives and lived in clans. People in the area speak a dialect of Ojibwa mixed with Cree words, known as Oji-Cree or Anishiniimowin due to an influx of Ojibwa from the Indian Wars. Old Post was the summer meeting area for all clans.

1818

The Old Post Settlement was the main settlement for people of Island Lake and where the Hudson Bay Company once was, then abandoned.

1818

A quarter of the Island Lake people were Cree from the Stevenson Lake-Gods Lake area to the west and north. The remainder were Ojibwa, originally from Deer Lake-Favourable Lake and Sandy Lake-Big Trout Lake areas of northwestern Ontario.

1864

The Hudson Bay Company builds a permanent structure at Old Post. The area is among the most isolated First Nations

1891

Island Lake Chief John Wood asks for treaty chest from the Canadian government.

1903

United Church of Canada missionary resides at Island Lake.

AUGUST 1909

Island Lake signs onto Treaty 5.

1913

Surveyors arrive in Island Lake but Old Post was never made a reserve because of government mineral interests. People in the communities built their log homes along the water's edge to access unpolluted drinking water. Each clan was responsible for litter and latrine pits covered with logs.

1920

Roman Catholics set up a mission at Maria Portage, now known as St. Theresa Point.

1925

Island Lake was exempt from all the epidemics of infectious diseases overtaking other First Nation Communities during that time.

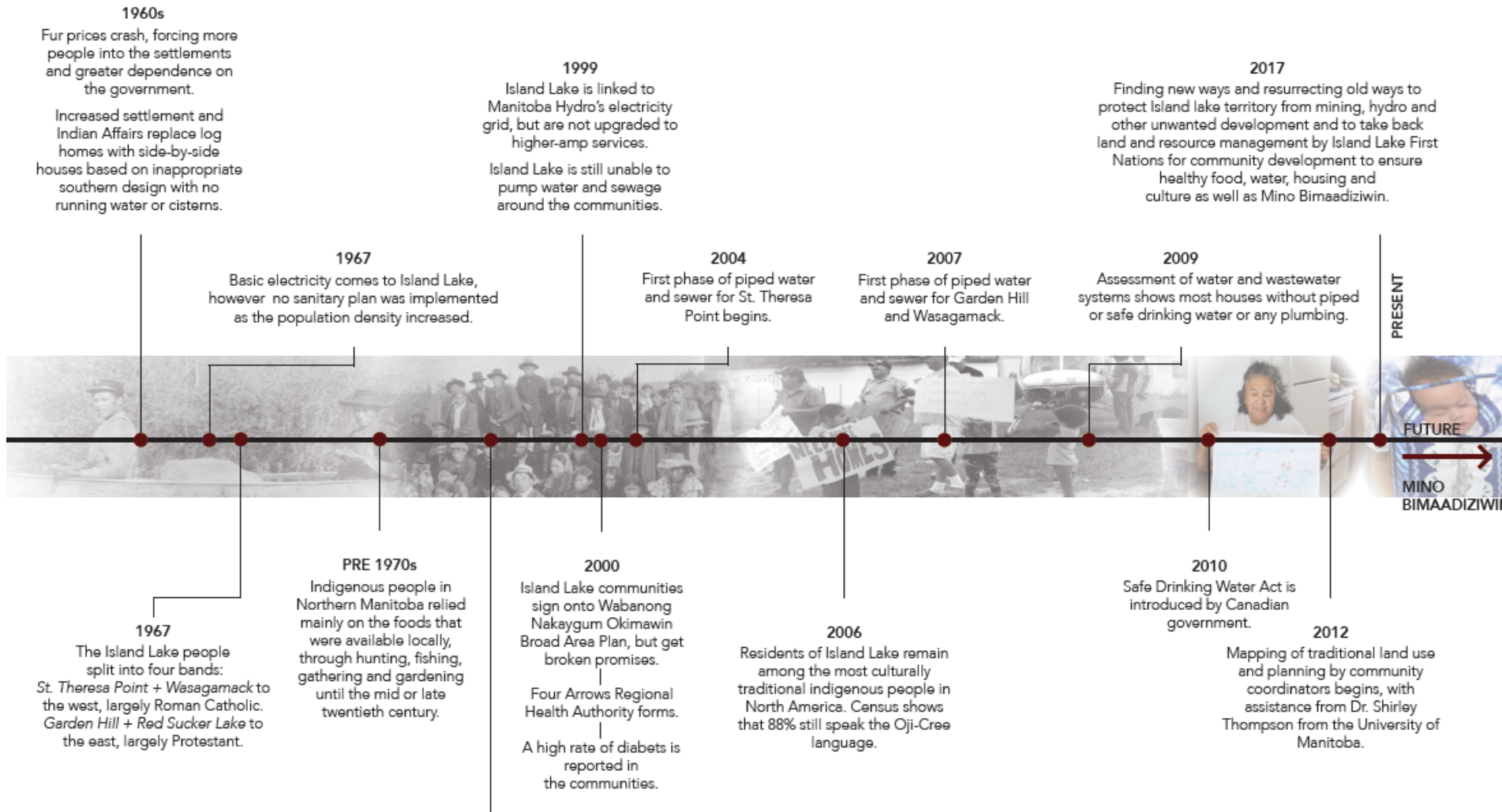
1940

Registered Trappelines administered under the province's Wildlife Act.

1950s

No or limited cash economy, but limited trading of flour, salt, ammunition, etc.

Island Lake history: returning to Mino bimaadiziwin



Source: Victor and Emma Harper

PRE 1890s
No diabetes in Island Lake at this time



SSHRC CRSH

350 Albert Street, P.O. Box 1610
Ottawa ON K1P 6G4 | 350, rue Albert, C.P. 1610
Ottawa ON K1P 6G4

NOTICE OF AWARD
Partnership Grants

File Number
895-2017-1014

Award Period
April 1, 2017 to March 31, 2023

Award Holder's Name and Address

University of Manitoba
Head Office, Main
66 Chancellors Circle
WINNIPEG MB R3T2N2

Project Director / Applicant Organization Contact

Dr. Shirley J. Thompson
Natural Resources Institute
University of Manitoba
303-70 Dysart Road
WINNIPEG MB R3T2N2

Payee

UNIVERSITY OF MANITOBA/
ATTN: THE COMPTROLLE
66 CHANCELLORS CIR
WINNIPEG MB R3T2N2

Co-investigator(s)

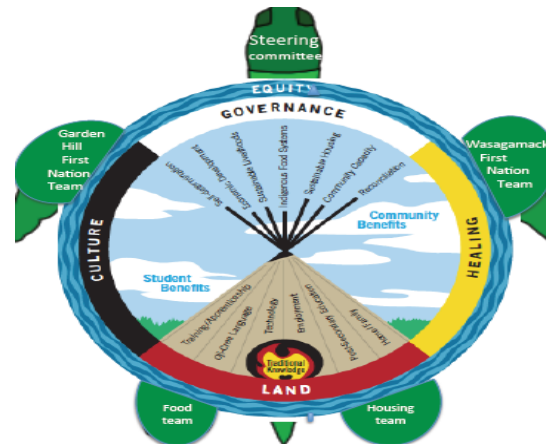
Dr. Anita Olsen Harper	University of Manitoba
Dr. Donna Martin	University of Manitoba
Dr. Frank Deer	University of Manitoba
Dr. Marlene M. Bonnycastle	University of Manitoba
Dr. Miroslava Kavgic	University of Manitoba
Dr. Patricia Harms	Brandon University
Dr. Poonam Singh	Assiniboine Community College
Dr. Priscilla Settee	University of Saskatchewan
Dr. Rebecca Schiff	Lakehead University
Dr. Serena Petrella	Brandon University
Dr. Shaileshkumar R. Shukla	The University of Winnipeg
Dr. Shauna M. Mallory-Hill	University of Manitoba
Dr. Uche M. Nwankwo	The University of Winnipeg
Dr. Wilder Robles	Brandon University
Mr. Lancelot Coar	University of Manitoba
Mrs. Myrie J. Ballard	University of Manitoba
Ms. Camille L. Callison	University of Manitoba
Professor Jack J. Quarter	University of Toronto
Professor Melanie S. O'Gorman	The University of Winnipeg

Collaborator(s)

Dr. Shokry M. Rashwan	Red River College
Mr. Dennis Ballard	University College of the North
Mr. Ernie G. Harper	Wasagamack First Nation
Mr. Ivan C. Harper	Garden Hill First Nation
Mrs. Sharon Mason	Wasagamack First Nation
Ms. Elsie C. Monias	Garden Hill First Nation
Ms. Nora Whiteaway	Wasagamack First Nation

Partner(s)

Aki Energy Inc	WINNIPEG MB
Anokiwin Training Institute	WINNIPEG MB
Assiniboine Community College	BRANDON MB
Brandon University	BRANDON MB
Comheart - S-MEDCOM Communications Group Inc.	WINNIPEG MB
Garden Hill First Nation	ISLAND LAKE MB
Lakehead University	THUNDER BAY ON
Manitoba Keewatinowi Okimakanak Inc	WINNIPEG MB
Red River College	WINNIPEG MB
Sundial Building Performance	WINNIPEG MB
The University of Winnipeg	WINNIPEG MB
University of Toronto	TORONTO ON
Wasagamack First Nation	WASAGAMACK MB



Title: Northern teaching lodges: learning partnership for community development and Mino Bimaadizwin in First Nation communities

Fiscal Year(s)	Requested Amount	Awarded Amount
2017-2018	\$500,000	\$500,000
2018-2019	\$500,000	\$500,000
2019-2020	\$445,800	\$445,800
2020-2021	\$494,600	\$494,600
2021-2022	\$464,850	\$464,850
2022-2023	\$94,750	\$94,750
Total	\$2,500,000	\$2,500,000

Conditions

By drawing on the funding awarded by SSHRC, and/or participating in the activities it supports, you affirm that you have read, understood and agreed to the following policies, responsibilities and obligations, and with any amendments to these that SSHRC may adopt.

1. a. The Agreement on the Administration of Agency Grants and Awards by Research Institutions: <http://www.science.gc.ca/default.asp?lang=En&n=56B87BE5-1>.
- b. The Tri-Agency Framework: Responsible Conduct of Research: <http://www.rcr.ethics.gc.ca/eng/policy-politique/framework-cadre/>
- c. The Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans: <http://www.ethics.gc.ca/eng/policy-politique/initiatives/tcps2-eptc2/Default/>
- d. The Tri-Agency Financial Administration Guide: http://www.nserc-crsng.gc.ca/Professors-Professeurs/FinancialAdminGuide-GuideAdminFinancier/index_eng.asp
- e. The Public Communications Policy of the Federal Research Funding Organizations: <http://science.gc.ca/default.asp?lang=En&n=711200B1-1>
- f. SSHRC's Intellectual Property and Copyright Policy: http://www.sshrc-crsh.gc.ca/funding-financement/policies-politiques/g_copyright-s_droits_auteur-eng.aspx
- g. The relevant SSHRC funding opportunity description on SSHRC's website: <http://www.sshrc-crsh.gc.ca/funding-financement/index-eng.aspx>
- h. The Tri-Agency Open Access Policy on Publications: <http://www.science.gc.ca/default.asp?lang=En&n=F6756465-1>

Funding: 75% for Island Lake students (stipends, travel, tools) & >85% stays in Island Lake (annual graduation and conferences, etc.)

Budget justification

Personnel costs

Summary of all student stipends and other personnel	Amount (\$)	Percent (%)
186 Local FN undergraduate students from WFN and GHFN	\$1,665,000	66.7%
6 RRC undergraduate students	\$120,000	4.8%
19 graduate master student years	\$272,500	10.9%
1 doctoral student	\$42,000	1.7%

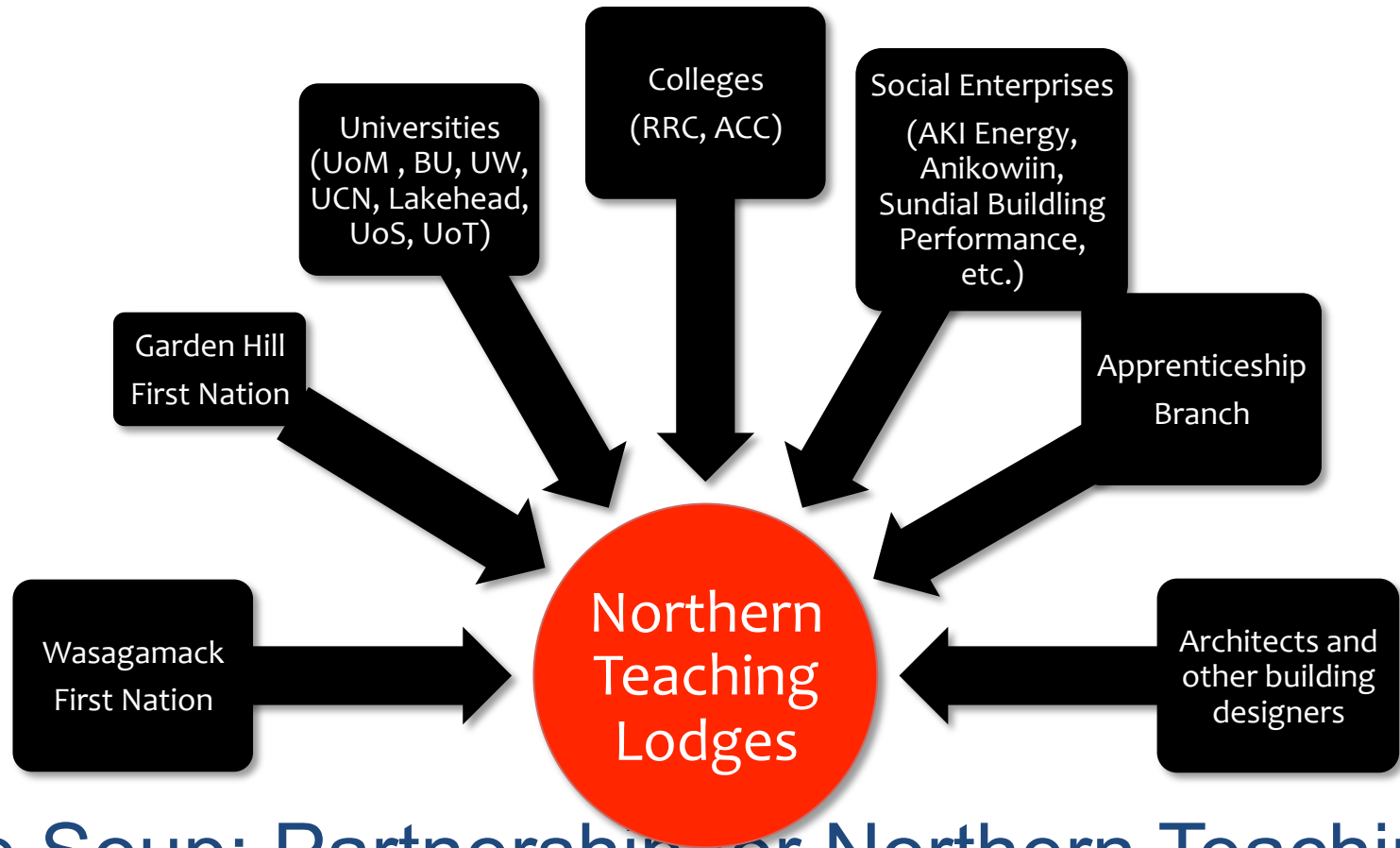
Travel costs are high as flying to the remote communities of WFN and GHFN is expensive but needed as these are the centres for training and research..

Summary of Travel Costs	Amount (\$)	Percent (%)
Applicant travel and stipends	\$62,000	2.5%
Student travel and stipends	\$161,200	6.4%
Subtotal	\$223,200.00	8.9%

Train the trainer education to shadow instructors at Red River College in Years 1 and 2 or 2017/2018:

2 WFN and 2 GHFN students x 10 months x \$2,000/month = \$80,000 with 7 months in year 1 (\$60,000 including \$54,000 travel + \$6,000 airfare) and 3 months x \$2,000/month in year 2 (\$24,000) = \$80,000 + \$4000 for family members = \$84,000.

Tool sets: \$6526 each set x 6 sets=\$39,173 for FN student use.



Stone Soup: Partnership for Northern Teaching Lodges is trying to get more resources for post-secondary education, apprenticeship and housing with most universities and colleges in Manitoba on board (and others out of province).

Table 1: Academic Partners

<i>Partner</i>	<i>Contribution</i>	<i>Amount</i>
University of Manitoba	<ul style="list-style-type: none"> - Matching funding for student support for one doctoral student (\$10,500/yr) + two master students/yr (\$8,750/yr) or 3 students/yr. - \$10,000/year (70,000) in cash for expenses to be used to assist with computer lab in each community and some tools for equipment and building. - Professor Coar has committed to carry out a design/build. -Dr. Thompson two week permaculture design course in 2017. 	\$266,000
Assiniboine Community College	<p>Adult education regarding food production, food security and horticulture.</p> <p>Conference fees and travel for presenting research related to the project for Professor Singh.</p>	\$60,000
Brandon University	<p>The total amount of funds pledged for faculty research support is \$20,000 for Dr. Harms, Petrella and Robles.</p> <p><u>- Honoraria and Advertising Costs for Two Invited Speakers from Garden Hill or Wasagamack for “Gender and Women’s Studies Gender Frontiers Speakers’ Series” = \$2,600.</u></p> <p>- \$10,000 - Travelling Exhibit and a Gala at University of Brandon including labour, materials, installation and elder travel.</p> <p>- Rural Development Institute for hosting and recording webinars (2 per year), to post on website for distribution and special issue of <i>Journal of Rural and Community Development</i> and working papers focused on this project.</p>	\$56,593

Red River College	<p>1. Regular meetings with community members, project participants and internal project stakeholders to monitor and control progress throughout the duration of the project.</p> <p>2. Instructional resources to supervise and support the six RRC co-op students attached to the project.</p> <p>3. Mentoring of Trainers during their practicums at RRC. Red River College considers these contributions to have an in-kind value of more than \$83,000.</p> <p>In addition, the College plans to conduct research on the buildings built for this program. The College will contribute \$40,000 of in-kind support for sensor installation and monitoring. It will also work with other partners to apply for larger grants that will provide additional dedicated applied research resources to the project.</p> <p>5. Development of comprehensive curriculum responsive to the needs of indigenous learners to assist running a Sustainable Housing Program with train the –trainers through RRC.</p>	\$123,000
University of Winnipeg	Teaching release time for Dr. Shukla and Dr. O’Gorman of \$68,600 and the remaining 39,750 in travel funding for researchers, graduate and undergraduate students.	\$108,350.00
Lakehead University	Dr. Schiff will: lead reviews of policies and programs to ensure better and more housing in FN communities; develop a community-led housing assessment kit or guide and; conducting the homelessness period – prevalence count. Lakehead University Masters level graduate students (one per year) representing \$83,230 over the partnership grant.	\$83,230
OISE/UT	Graduate Assistantships of Jack Quarter paid \$35,650 to work on community development analysis.	\$35,650
Total		\$732,823.00

First Nations

<p><u>Elsie Monias</u> Kistiganwacheeng Employment and Training <i>Garden Hill FN</i></p>	<p>Provide funding to students – matching it for WFN students (1,000,000) and arrange apprenticeships and facilitate applications to fill student positions from employment and training program. Find Apprenticeships. Use of research facilities regarding education/community enterprises. Liaison with chief and council.</p>	<p>\$1,600,000</p>
<p><u>Chief Sharon Mason and Ernie Harper</u> <i>Wasagamack FN</i></p>	<p>Provide funding to students – matching it for WFN students (1,000,000) and arrange apprenticeships and facilitate applications to fill student positions.</p>	<p>\$1,300,000</p>

Enterprises

<p><u>Eric Bjornson</u> <i>Sundial Building Performance</i></p>	<p>Committed to project managing, designing and building sustainable passive house with community and wants to supply housing packages.</p>	<p>\$350,000</p>
<p><u>M. Rony</u> <i>Comheart</i></p>	<p>Media and on-line platforms.</p>	<p>\$35,000</p>
<p><u>Darcy Wood & Shaun Loney</u> <i>AKI Energy</i></p>	<p>Installation of alternative energy in First Nation communities at \$30,000, which then would be researched, and our business development work at \$30,000.</p>	<p>\$60,000</p>
<p><u>Grand Chief Sheila North Wilson, MKO</u></p>	<p><i>Manitoba Keewatinowi Okimakanak, Inc. (MKO)</i> Provides employment and training dollars to match stipends.</p>	<p>\$750,000</p>
<p><u>Jay Cowan</u> <i>Anikowin</i></p>	<p><u>Curriculum and policy analysis.</u></p>	<p><u>priceless</u></p>
<p><i>Total</i></p>		<p>\$1,195,000.00</p>

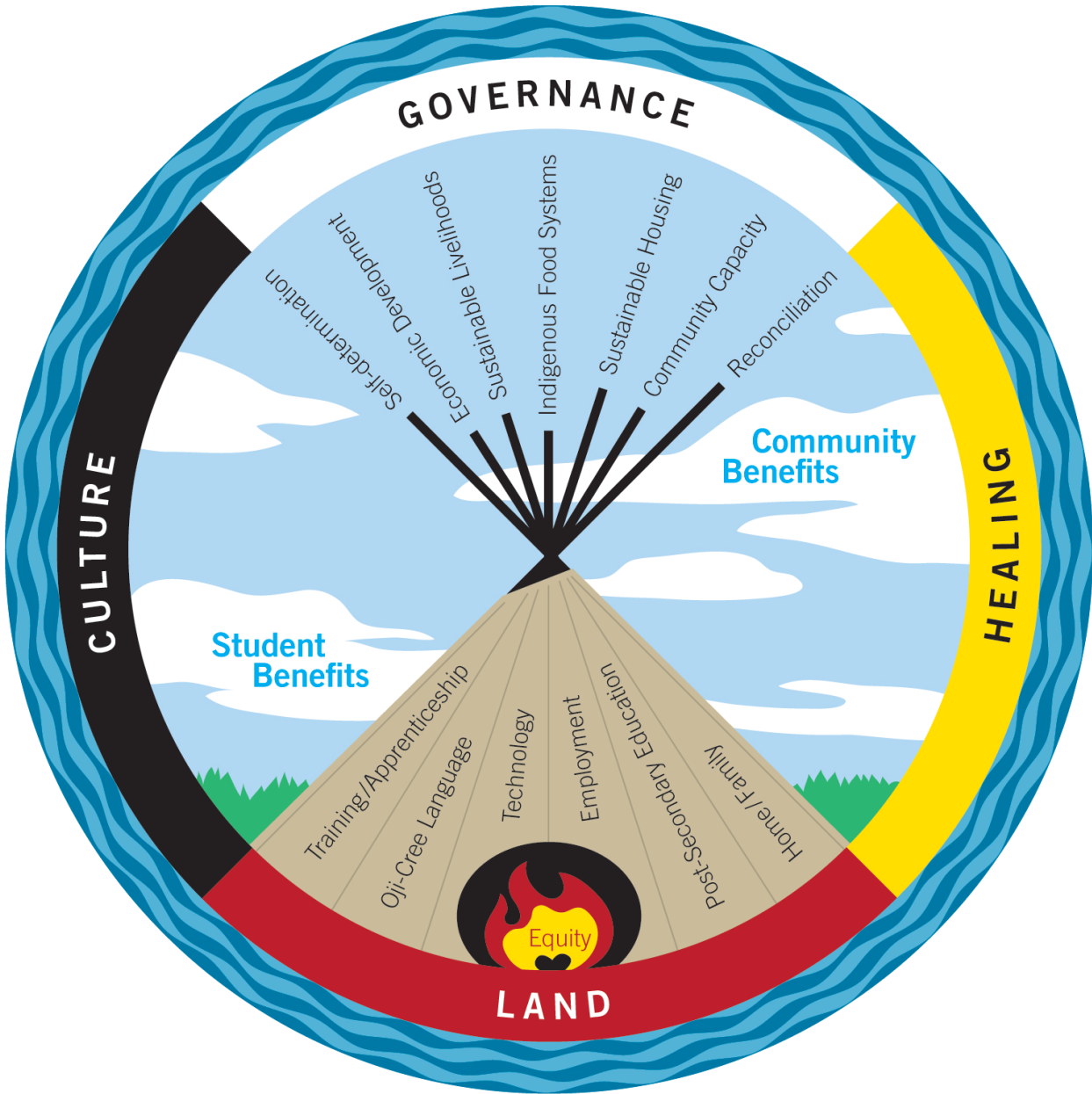
Schedule over 6 years from fall 2017/winter 2018 to 2023.

Stage	Major Activities and Outputs	YEAR					
		1	2	3	4	5	6
I	1) Meetings to form and operationalize the community plan and ethical protocol	12	12	12	12	12	12
I	2) Needs assessments for education and housing including prevalence counts of hidden homelessness, photo voice and videos.	2	0	2	0	2	0
I	3) Community plan visions and revisions	2	0	2	0	2	0
II	4) Train-the trainers (year 1) and funded students in local community-led courses.	16	30	45	45	45	30
II	5) Adult education practicums and application for developing learning projects	1	2	1	1	1	1
II	6) Design and build healthy sustainable houses with student employment trainees	1	3	6	9	12	15
II	7) Community-led ed. projects (e.g., farm, shelter/women's house, waste).	0	2	2	2	2	2
III	8) Surveys of students, testing and analysis of projects (e.g., housing air quality)	1	2	3	3	3	3
III/IV	9) Community cafes, community workshops, photovoice exhibits, design charettes	6	2	2	2	2	2
III/IV	10) Participatory and educational videos with students and community input	1	1	1	1	1	1
IV	11) Political, funding and social media campaigns	0	0	1	1	1	1
IV	12) Annual conference in community	1	1	1	1	1	1
IV	13) Research journal, community-led guides and reports	1	2	3	5	10	12

Supported Learning for HQP

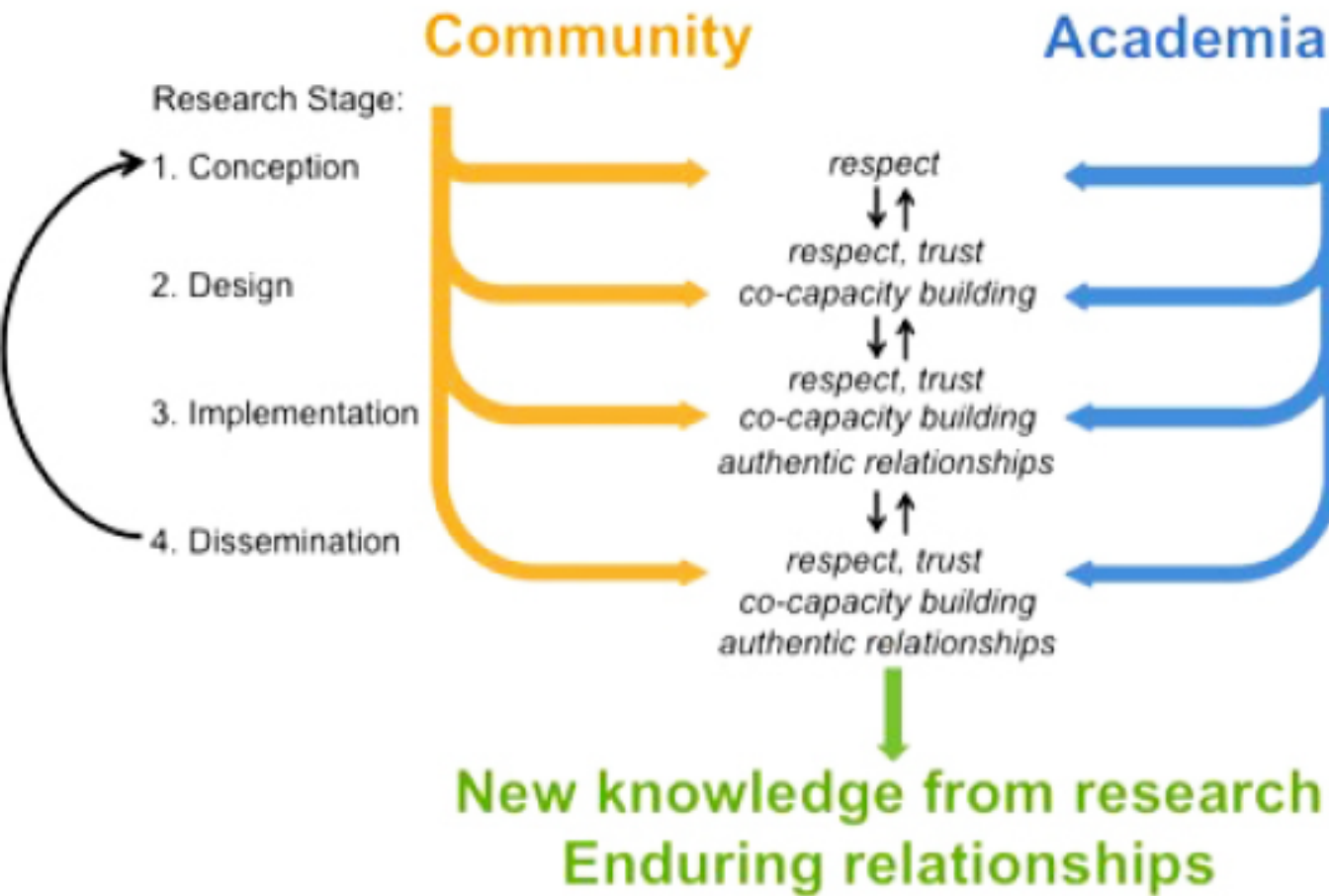
To identify and design feasible, optimal sustainable solutions to improve community living, students will apply their theoretical and classroom learning in designing projects that address community deficiencies under supervised apprenticeships and practicums.

Pillars of Post-Secondary Education for Remote First Nation Communities



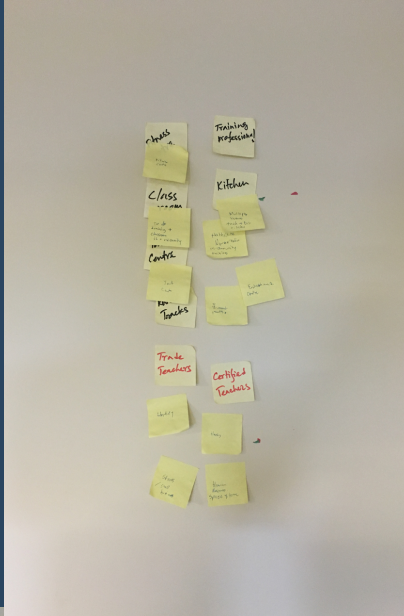
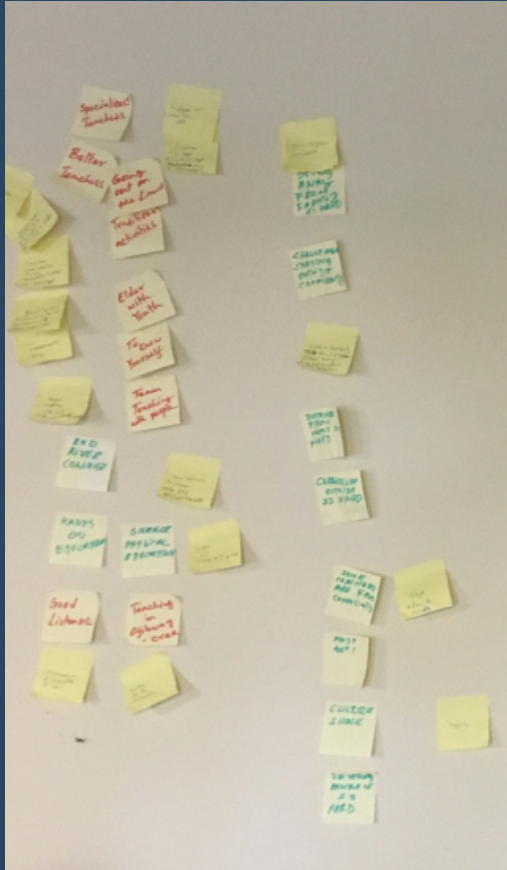
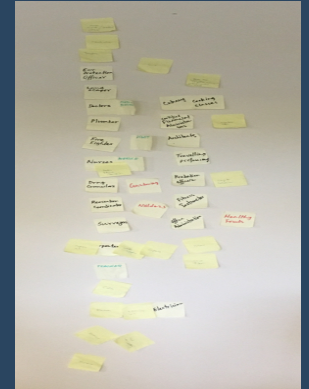
Model: Pritty and Thompson
Design: N. Thiessen

DEVELOPING A TRUE PARTNERSHIP THAT MEETS COMMUNITY NEEDS



Source; Adams, M., et al 2014. Towards increased engagement between academic and indigenous community partners in ecological research. Ecology & Society 19 (3): 5

Focus Group Discussions: Wasagamack First Nations



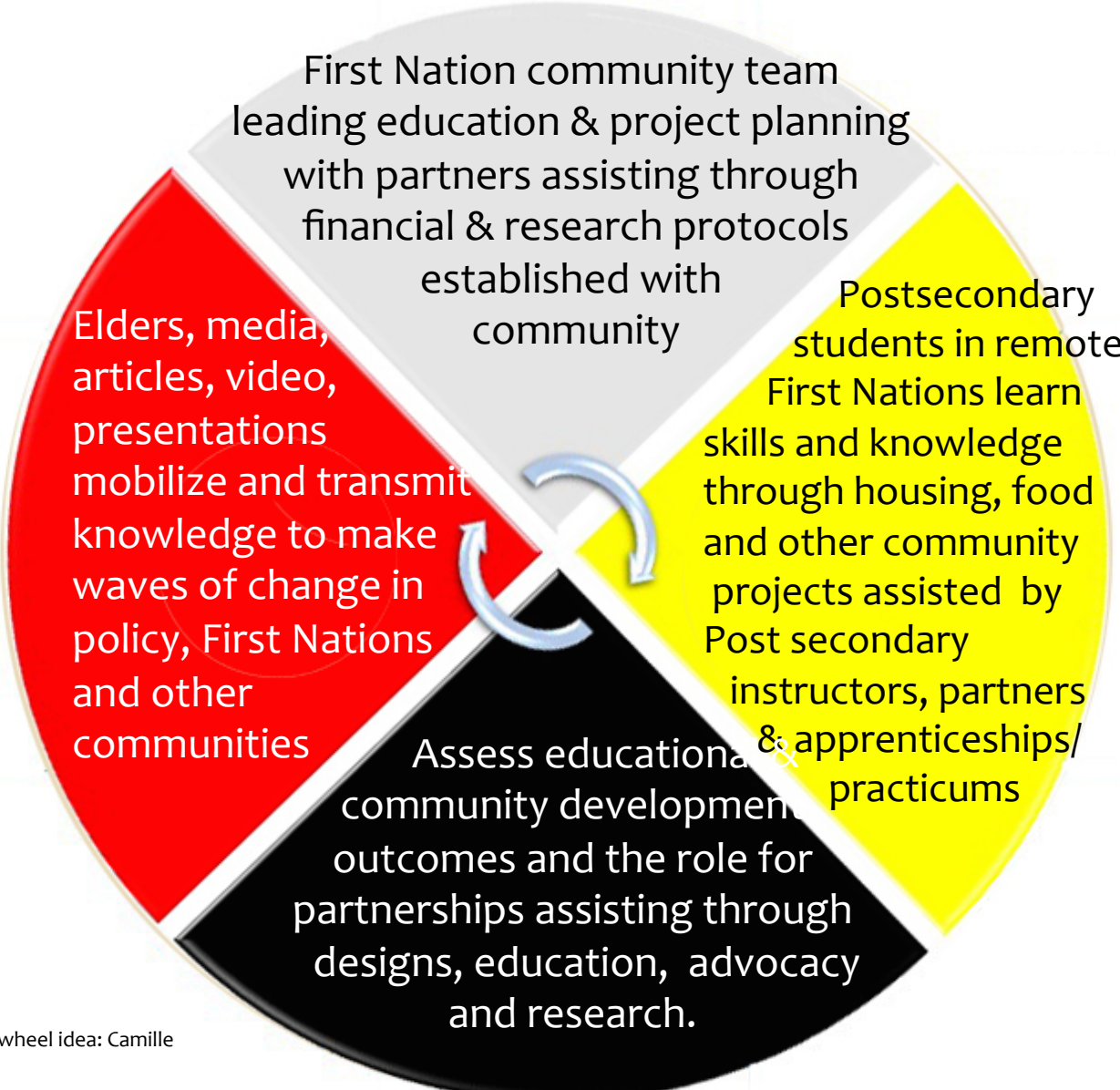
Meetings at RRC fall of 2015 to summer 2016 regarding housing education and partnership



Research meetings at Garden Hill & Wasagamack FN with 4 Universities/colleges in 2016



4 Stages of Northern Teaching Lodges Partnership Cycle



Credit: Medicine wheel idea: Camille Callison

Housing is the major issue in Wasagamack and Garden Hill FNs



Housing Crisis in Island Lake

<https://www.youtube.com/watch?v=bggySkmyho1U>

Poor housing = poor health

- Housing and health have a direct linear relationship
- Housing conditions correlated with:
 - communicable diseases,
 - accidents and injuries,
 - psychological trauma
 - social dysfunction
 - various respiratory diseases,
 - cancer,
 - hepatitis,
 - rheumatic fever,
 - asthma and
 - tuberculosis

Healthier housing = Better health

Housing as community healing and economic renewal

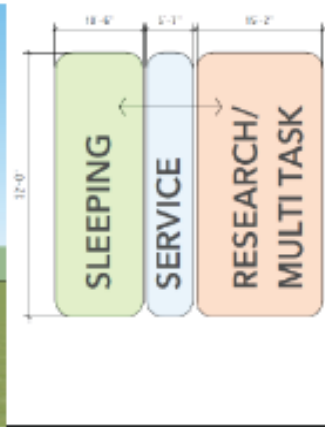
This research partnership is inspired by the Royal Commission on Aboriginal Peoples (RCAP):

“injection of capital and the integration of housing objectives with other social and economic activities in Aboriginal communities will create a synergistic effect, making housing a source of community healing and economic renewal” (RCAP, 1996, Vol. 3, p. 341).

Sustainable benefits to FNs from development

Community-scale pilot response to the Truth and Reconciliation (TRC) Calls for Action to:

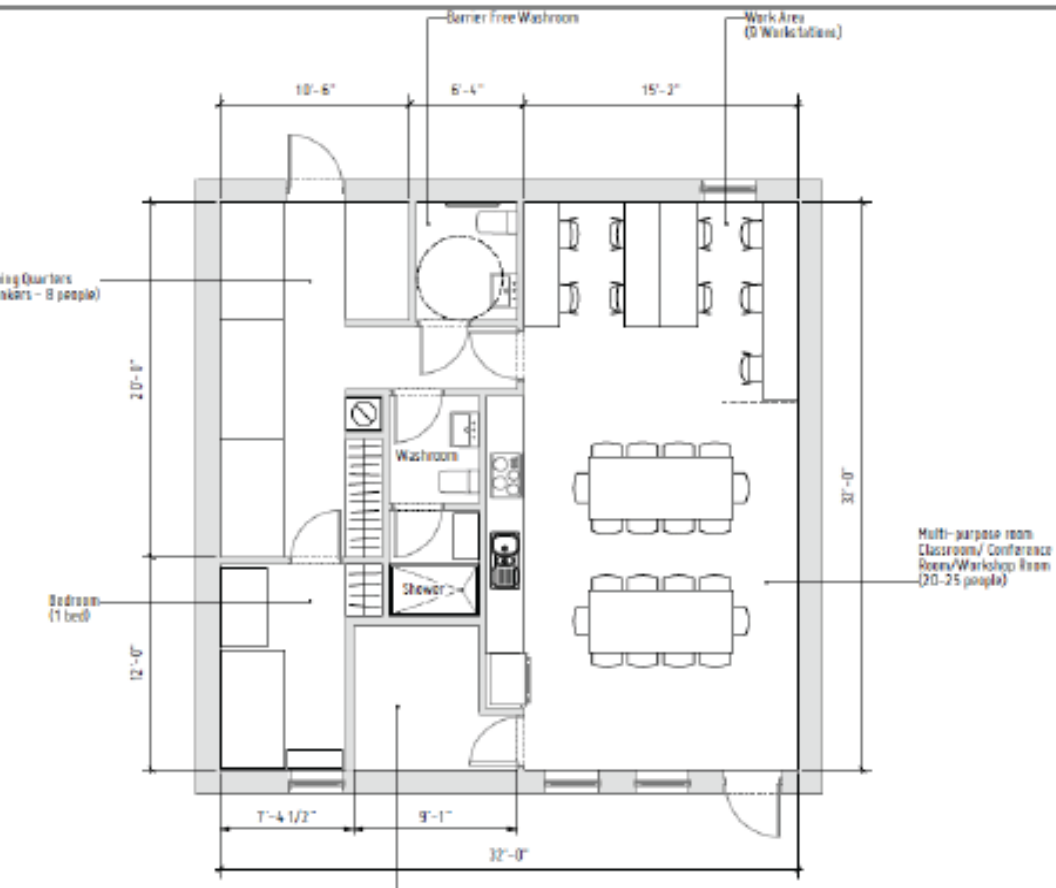
“Ensure that Aboriginal peoples have equitable access to jobs, training, and education opportunities in the corporate sector, and that Aboriginal communities gain long-term sustainable benefits from economic development projects” (TRC, Section 92, ii).



Housing Objectives:

- Design, model, build and monitor a culturally-appropriate, net zero, sustainable northern house using local materials where possible;
- Develop a projects-based certificate program that could lead to a degree or diploma for sustainable northern housing with apprenticeship, curriculum, films and teaching resources to support this new programming.

Design: Eric Bjornson,
Architectural Drawings: Etham Tar



Housing Situation in Garden Hill First Nation (GHFN) compared to Manitoba

Criteria	Garden Hill First Nations	Manitoba	References
Total number of occupied private dwellings by condition of dwelling	520	465,805	Statistics Canada (2013, 2013a)
Only regular maintenance or minor repairs needed	180 (35%)	416,110 (89%)	
Major repairs needed	340 (65%)	49,695 (11%)	
One person or fewer per room	270 (52%)	452,570 (97%)	
More than one person per room	245 (47%)	13,235 (2.8%)	

Community working with architects and builders on sustainable housing



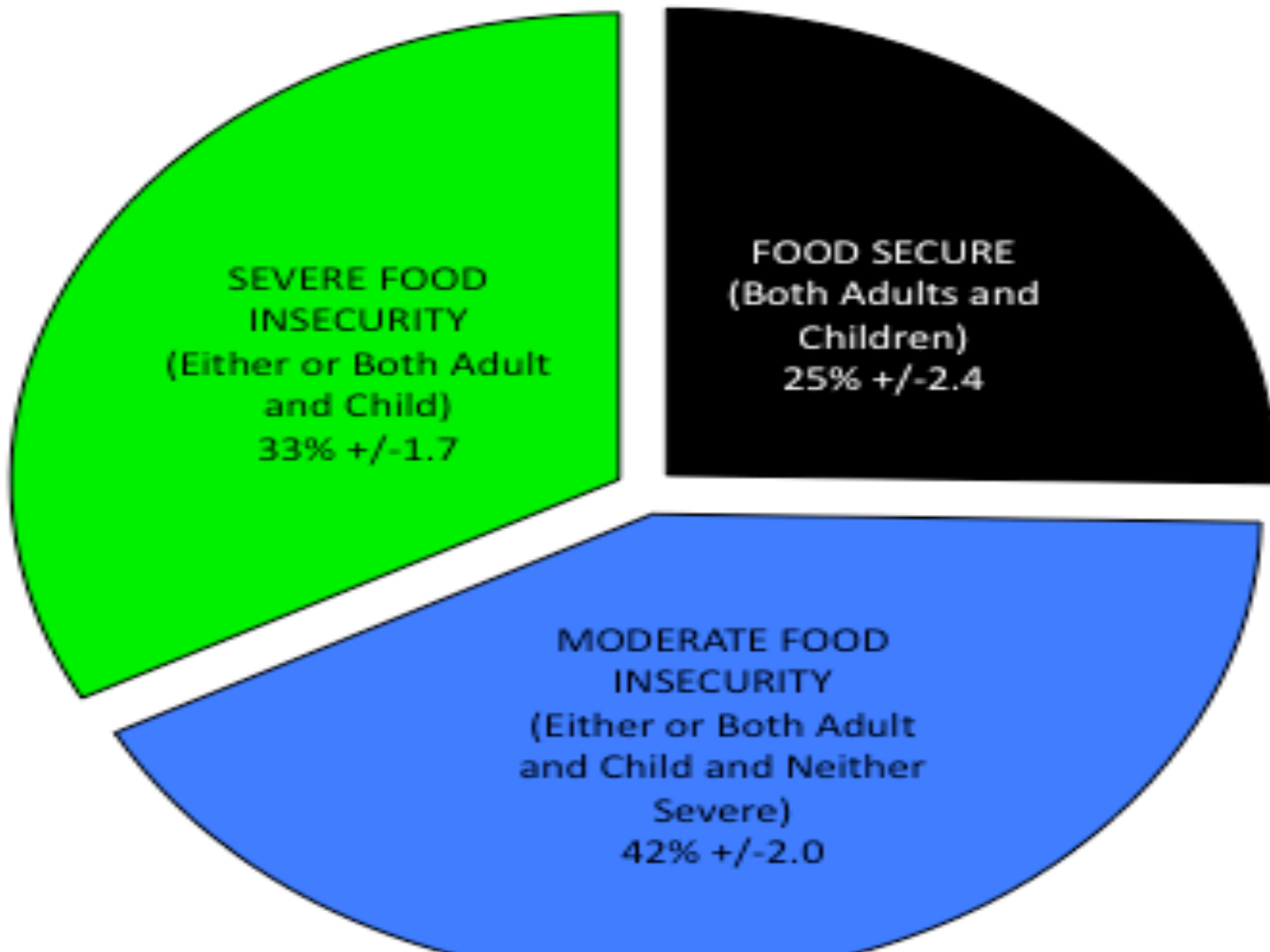
Design/build housing course in 2019 or 2020

Prof. Coar is an architect and university professor that is proposing as part of partnership to do a design/build course in Garden Hill FN to assist with designing this research/education centre involving:

- 10-15 graduate students in architecture at University of Manitoba &
- 15 -20 local students from Garden Hill working together to build capacity and improve the design building a sustainable house in Garden Hill First Nation.
- community design build workshops to study what the community wants in their housing where local people's input will be listened to and their input incorporated.

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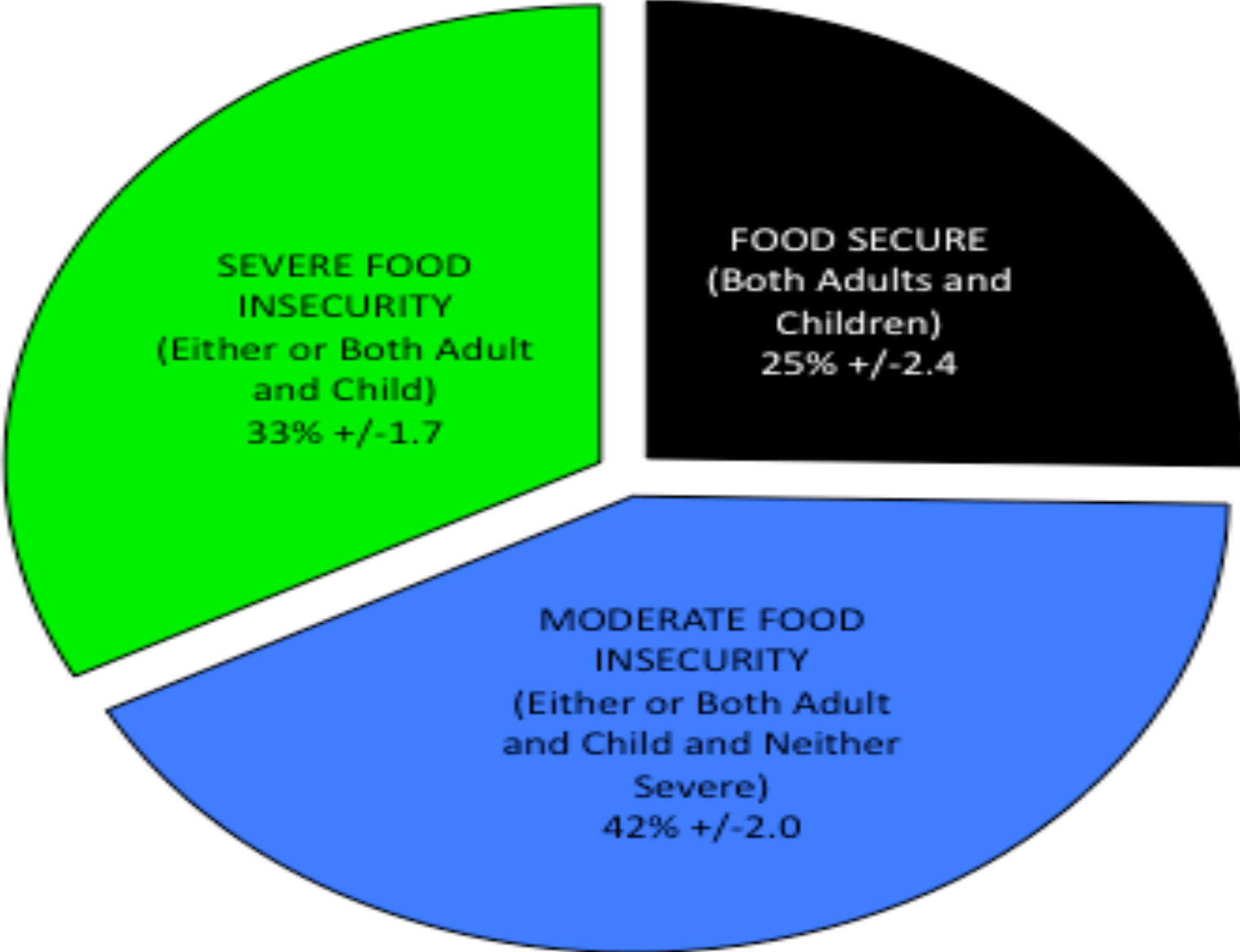
Food Security Findings in Northern Manitoba Communities for 2009



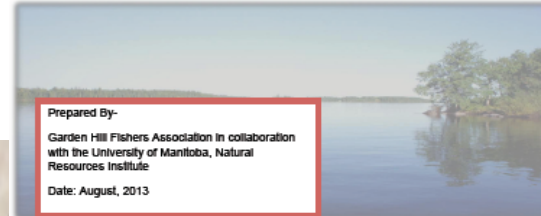
A research program with Garden Hill & Wasgamack FNs on community development has taken place for many years



Food Security Findings in Northern Manitoba Communities for 2009



Working with Garden Hill Fishers Association on their business plan



Land Use Research Design & Training



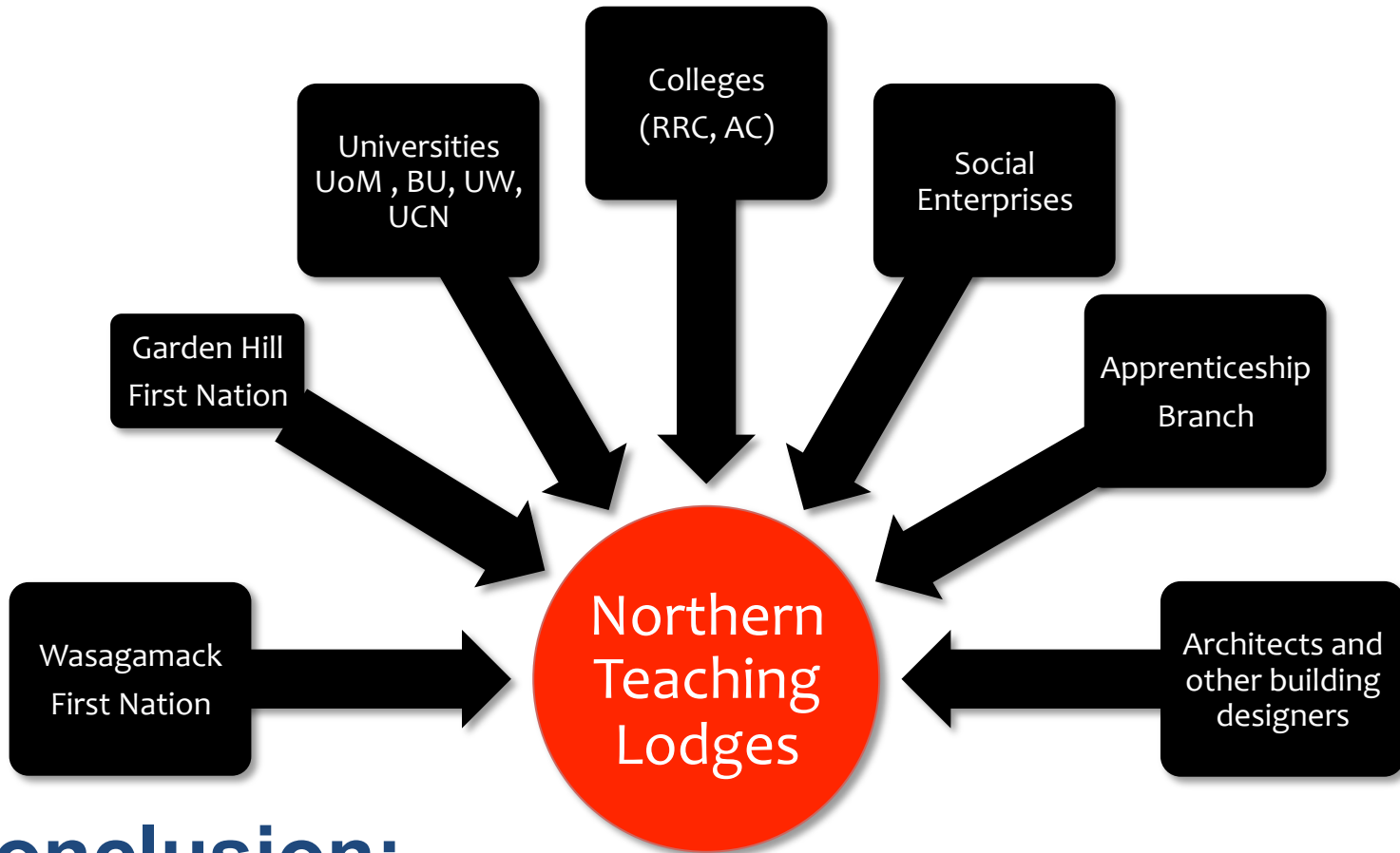


Gardening (Again) In Garden Hill

Growing good jobs and healthy food
through social enterprise

International Permaculture design certificate for five people in Island Lake in 2017





Conclusion:

How can we partner and work together to build post-secondary education, apprenticeship and housing for community healing and economic renewal?