

**Dr. Shirley Thompson**  
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### **SUMMARY OF CREDENTIALS**

- Led successful community-led Indigenous food systems and homebuilding education programs/ partnerships.
- Taught and developed curriculum for Natural Resources Institute (NRI), OISE/UT and Ryerson Polytechnic University, including environmental management systems, sustainable livelihoods/food systems, information communication technology for sustainable use, energy resources management, environmental health and permaculture.
- Published successfully in international journals, magazines, government reports and new media (webpages, webinars, blogs, YouTube), videos on many different issues.
- Applied successfully for research funding as the principal investigator for national grants, including SSHRC partnership, CIHR, MITACS and other grants worth more than \$4,000,000. In addition, I am a co-investigator on different projects totalling more than \$5,000,000.
- Chaired the team development of new education programs in Indigenous food systems, homebuilding, natural resources, forestry and sawmilling.

### **EDUCATION**

1996 to 2002      **DOCTOR OF PHILOSOPHY, University of Toronto**  
Adult Education, Community Development and Counselling Psychology,  
Ontario Institute for Studies in Education at University of Toronto

*Awards:            Ontario Graduate Scholarship,  
                         Dan Leckie Award,  
                         National Graduate Student Policy Award*

*Dissertation: Environmental Justice in a Toxic Economy: Community Struggles with Environmental Health Disorders in Nova Scotia, 2002.*

1995 to 1996      **BACHELOR OF EDUCATION, Faculty of Education, University of Toronto**  
Teaching subjects: Environmental Science, Science and English as a Second Language.

1990 to 1993      **MASTER OF CHEMICAL ENGINEERING DEGREE, University of Toronto**  
Specialized in Industrial Hygiene and Environmental Engineering,

*Award: Academic Excellence from the Ministry of Labour.*

1982 to 1987      **HONOUR BACHELOR OF SCIENCE DEGREE, University of Waterloo**  
Biology and Chemistry

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**EXPERIENCE**

2002 to Present      **ASSOCIATE PROFESSOR (tenured), Natural Resources Institute**  
UNIVERSITY OF MANITOBA, WINNIPEG, MB.

- Teach: Permaculture Design, Environmental Justice and Ecosystem Health, Environmental Management, Community Food Security, Information Communication Technology, and more.
- Supervised many graduate students.
- Received as principal or co-investigator more than \$6 million in funding.
- Partnership principal investigator for \$2.5 million dollar grant with many colleges and universities in Manitoba focused on First Nation community-led food and trades education

1995 to 2002      **INSTRUCTOR/TUTORIAL ASSISTANT/RESEARCHER/LECTURER**  
UNIVERSITY OF TORONTO (UT), TORONTO, ON.

- Developed curriculum and taught quantitative methods course for Adult Education and Community Development graduate students at UT.
- Started study group program with New College to allow thousands of first and second year science students to collaborate and work together in the isolating, competitive science field.

1999 to 2001      **HEALTH AND SAFETY OFFICER**  
TORONTO CATHOLIC DISTRICT SCHOOL BOARD, TORONTO, ON.

- Developed different programs with city and community partners on school gardens, energy efficiency/indoor air quality and student/worker safety.
- Managed chemical control and educational programming on health and safety for 226 schools training teachers, principals, superintendents, co-op students, and custodians.

1994 to 1995      **INSTRUCTOR**  
RYERSON POLYTECHNIC UNIVERSITY, TORONTO, ON.

- Developed course curriculum for Environmental Health and Toxicology courses.
- Taught environmental health and toxicology to Public Health Inspectors and Land Use Planners.

1991 to 1995      **INSPECTOR/ENVIRONMENTAL CONSULTANT**  
ENVIRONMENT CANADA, TORONTO, ON.

- Health and Safety Officer and Inspector for Lead Smelting Operations.
- Researched toxic chemicals, pollution prevention and industrial health.
- Provided technical support to a Bi-national Forum on lake-wide management.
- Chaired Go-Green Committee at Environmental Protection Branch, Ontario Region.

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### **PROFESSIONAL ORGANIZATIONS**

- Co-Founder and Board of Directors, Camp Kitigay Ecosystem Restoration Camp (2021-present)
- Ecosystem Restoration Camp International Movement (2021-present).
- Board Member, Association for Non-profit and Social Economy Research (ANSER) (2013-present).
- Board Member, Secretary, Governing Council, Strategic Planning Co-chair, ANSER (2020-present)
- JAFSCD's Editorial Board, Manitoba representative (present)
- Manitoba GIS User's Group (MGUG) (2020-present)
- One House, Many Nations (2019-present)
- Work Integrated Social Enterprises (2018-present)
- At Home in the North (2020-present)
- Building Energy Manitoba & Sustainable Building Manitoba (2017- present)
- Environmental Studies Association in Canada (2010-2019)
- Member, Canadian Community Economic Development Network (CCEDnet) (2007-present).
- Canadian Rural Revitalization Foundation (CRRF) (2018-present)
- National Farmers Union (2019-present).
- Past-President, Environmental Studies Association in Canada (2015-2018).
- Co-President, Environmental Studies Association in Canada (2010-2014).
- Advisory Committee on Climate Action and the Environment, Assembly of First Nations (2016).
- Board member, St. Norbert Arts Centre (2004-2013)

### **REFEREED ARTICLES ([H-index link](#))**

- Thompson, S. (2022). Green Renewable Power and Policy in Canada: A Just Energy Transition to Net-Zero. *Journal of Geoscience and Environment Protection*, 10.  
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doi: [10.4236/gep.2021.99010](https://doi.org/10.4236/gep.2021.99010).
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- Thompson, S. (2003). From a toxic economy to sustainability: Women activists taking care of environmental health in Halifax. *Canadian Women Studies*, 23(1), 108-114.
- Isla, A. & Thompson, S. (2003). Natural capital reality check: A case study of microenterprise in Costa Rica. *Environmental Monitoring and Assessment: Measuring Natural Capital*, 86, 171-182.
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- Kamal, A. and Thompson, S. (2013). Use and Occupancy Mapping Guide and Research Design Created by Seven First Nation communities.  
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- Eidse D. & S. Thompson. (2010). Healthy Living. Commissioned by Assiniboine Regional Health Authority. 10 minutes.
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- Thompson, S. (Director/Editor/Producer), Fulford, S. (Videographer, Interviewer) & Eidse, D. (Videographer, Editor). (2008). [Video] Glenda's story of initiatives in her community to prevent chronic disease. Available at <http://www.youtube.com/watch?v=y8qS1hUqz9o&feature=related>). Commissioned by Assiniboine Regional Health Authority.

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Commissioned by Assiniboine Regional Health Authority.

### **KNOWLEDGE TRANSFER AND EVENTS**

- Mino Bimaadiziwin's Website- <http://ecohealthcircle.com/>
- Social media webpage (Facebook)- <https://www.facebook.com/MinoBimaadiziwinPartnership/> & Kitigay webpage at
- Bi-monthly newsletter <http://ecohealthcircle.com/mino-bimaadiziwin-newsletters/>
- YouTube channel <https://www.youtube.com/channel/UCxatDURvcEfWUfQBb0Mqllg>

### **WEBINARS (PRODUCED, CHAIRED OR PRESENTED)**

- Thompson, S. (2021, Apr. 8). Panelist for Water Justice. Conflict Reliance Research Institute Canada. <https://www.facebook.com/CRRICWEBINAR2021/videos/148721573832363>.
- Queskekapow, J. (2021, Jan. 14). *Indigenous Story Telling: Remember your Roots*. Mino-Bimaadiziwin Partnership. [https://www.youtube.com/watch?v=uNRDQop4Ces&t=113s&ab\\_channel=EcoHealthLearningCircle](https://www.youtube.com/watch?v=uNRDQop4Ces&t=113s&ab_channel=EcoHealthLearningCircle)
- Lancelot et al. (2021, Jan. 22). *Panel Discussion: Decolonizing Design- A Conversation on Indigenous Architecture and Housing*. Mino- Bimaadiziwin Partnership.
- Sallese, C. (2020, Dec. 15). *Home Interiors and Furnishing in Remote Northern First Nation Communities: Exploring Sustainable and Culturally Appropriate Solutions through the Mino-Bimaadiziwin Homebuilders*. Making the Shift; Mino- Bimaadiziwin Partnership.
- Hill, S. (2020, Dec. 10). *The Autoethnography of an Ininiw from God's Lake, Manitoba, Canada: First Nation Water Governance Flows from Sacred Indigenous Relationships, Responsibilities and Rights to Aski*. Mino- Bimaadiziwin Partnership. [https://www.youtube.com/watch?v=TEulZZmU3HY&t=1806s&ab\\_channel=EcoHealthLearningCircle](https://www.youtube.com/watch?v=TEulZZmU3HY&t=1806s&ab_channel=EcoHealthLearningCircle)
- Pflugmacher, S. (2020, Dec. 07). *Smart City Planning and Urban Water Bodies: Translate Science in Applied Application*. Mino- Bimaadiziwin Partnership. [https://www.youtube.com/watch?v=MjWudu8krJI&t=4269s&ab\\_channel=EcoHealthLearningCircle](https://www.youtube.com/watch?v=MjWudu8krJI&t=4269s&ab_channel=EcoHealthLearningCircle)
- Rounce, A., Levasseur, K., Thompson, S. et al., (2020, Dec. 01) COVID-19 in Manitoba: Public Policy Responses to the First Wave Virtual Book Launch. UM Press.
- Thompson et al. (2020, Nov. 26). *Policy for Work Integration Social Enterprises (WISEs) With Marginalized Youth*. Mino- Bimaadiziwin Partnership; Rural Development Institute, Brandon University.

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Bobiwash, K. (2020, Nov. 19). *Indigenous Knowledge Interrupted*. Mino- Bimaadiziwin Partnership; Rural Development Institute, Brandon University. [https://www.youtube.com/watch?v=D0S-kS\\_16II&feature=youtu.be&ab\\_channel=RuralPolicyLearningCommons](https://www.youtube.com/watch?v=D0S-kS_16II&feature=youtu.be&ab_channel=RuralPolicyLearningCommons)

Wilson, A. (2020, Nov. 14). *One House Many Nations: Policy, Practice, & Practicalities*. Idle No More: One House Many Nation; Mino- Bimaadiziwin Partnership; Rural Development Institute, Brandon University.  
[https://www.youtube.com/watch?v=niQOwgE59Gc&list=UU24ZwmEVj0-v1wNwf9er0hQ&ab\\_channel=RuralPolicyLearningCommons](https://www.youtube.com/watch?v=niQOwgE59Gc&list=UU24ZwmEVj0-v1wNwf9er0hQ&ab_channel=RuralPolicyLearningCommons)

Sutherland, A., (2020, Nov. 13). *Indigenous Creation Story*. Mino- Bimaadiziwin Partnership.  
[https://www.youtube.com/watch?v=Sdj10RGpIP0&ab\\_channel=Eco-HealthLearningCircle](https://www.youtube.com/watch?v=Sdj10RGpIP0&ab_channel=Eco-HealthLearningCircle)

Googoo, C., Foxworth, R., StormHunter, T. (2020, Nov. 04, 2020). *Indigenous Community foundation: Poverty to Prosperity*. Indigenous Philanthropy Towards Self-Determination; Mino- Bimaadiziwin Partnership. [https://www.youtube.com/watch?v=-XjxH2\\_RQgQ&ab\\_channel=IndigenousPhilanthropy](https://www.youtube.com/watch?v=-XjxH2_RQgQ&ab_channel=IndigenousPhilanthropy)

Goddard, A., Blacksmith, C., StormHunter, T. (2020, Sept. 24) T. *Indigenous Community foundation: Filling the Void*. Indigenous Philanthropy Towards Self-Determination; Mino- Bimaadiziwin Partnership.  
[https://www.youtube.com/watch?v=T\\_dsNmmvIIA&ab\\_channel=IndigenousPhilanthropy](https://www.youtube.com/watch?v=T_dsNmmvIIA&ab_channel=IndigenousPhilanthropy)

Herbert, D., Thompson, S., McDonald, M. & Oliver, D. (2020, June). Café Scientifique: Rethinking Sustainable Energy amid a Global Pandemic. Research and International Office.  
<https://eventscalendar.umanitoba.ca/site/research/event/cafe-scientifique-online---rethinking-sustainable-energy-amid-a-global-pandemic/>

Shepard, C., Thompson, S. et al. (2020, April) *Greenpeace Winnipeg presents "There's Something in the Water Netflix Party and Panel Discussion"*.  
<https://www.facebook.com/events/2687048144757998>

## GRADUATE COURSES

- NRI7200: The Role of Information Management in Sustainable Use
- NRI7250 Environmental Management Practices
- NRI7130 Energy Resources Management and Policy
- NRI7170 Food Resources, Sustainable Livelihoods and Community Food Security
- NRI 7340: Environmental Justice and Ecosystem Health
- NRI56.717: PhD Core Course
- NRI7070: Reading Course for Sustainable Development
- NRI7071: Community Economic Development and Social Enterprise Project
- NRI56.711: Northern Field Seminar
- NRI 7160 Permaculture Design Certificate Course for Prairie and Boreal Ecosystems
- Quantitative Methods for Adult Education, 2001 and 2000, OISE/UT

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### UNDERGRADUATE COURSES

- ENVR 3850/GEOG 3850 Sustainable Manitoba (previously called 128.300/128.400 Multidisciplinary Topics in Environmental Science 1 & 2, & 53.77 Special Topics in Geography).
- ENVR4000 (undergraduate): Permaculture Design Certificate Course for Prairie and Boreal Ecosystems
- Toxicology & Environmental Health, Ryerson Polytechnic University

### CONTRIBUTIONS TO TRAINING STATUS FOR 2020

Student degree	Currently		Previously		Total
	Supervise	Co-Supervise	Supervised	Co-Supervised	
<b>Undergraduate</b>	<b>2</b>	<b>0</b>	<b>15</b>	<b>71</b>	<b>88</b>
<b>Master</b>	<b>6</b>	<b>1</b>	<b>35</b>	<b>3</b>	<b>43</b>
<b>Doctoral</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>6</b>
<b>Post-doctoral</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Total</b>	<b>18</b>	<b>5</b>	<b>52</b>	<b>77</b>	<b>128</b>

### RESEARCH FUNDING

- Thompson, S. et al. (PI) (2021-2022). Kitigay: Indigenous Food Systems Course Options and Curriculum Development at the University of Manitoba with First Nation and Metis Communities and Businesses Mitacs with BON Development Corp. \$180,000.
- Thompson, S. et al. (PI) (2021-2024). Traditional Land Use Mapping and Environmental Assessment with Maawandoon. Mitacs with BON Development Corp. \$450,000.
- Thompson, S. et al. (PI). (2020-2022). Kitigay: Indigenous food systems research with Brokenhead Ojibway Nation, Manitoba. \$60,000.
- Thompson, S. (PI). (2017-2023). Northern sustainability teaching lodges in remote First Nation Communities. SSHRC Partnership Grant. \$2,500,000.
- Thompson, S. (PI). (2020). Red Sucker Lake First Nation traditional land use mapping and youth training. Mitacs Inc. \$240,000
- Thompson, S (Co-PI). (2020). Ki thagi daba wanawug unji udu kiwangk: Promoting health and mitigating trauma after the flood and permanent displacement of Lake St Martin First Nation community. \$100,000.
- Thompson, S. (PI). (2020). Development of low-cost air purifiers for use in First Nation houses to improve indoor air quality affected by mould, smoke particulate, and air-borne viruses such as COVID-19. \$90,000.
- Thompson, S. (PI). (2020). Feasibility study for indigenous women’s second-stage housing in Canada. \$15,000.

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- Thompson, S. (PI). (2020-2022). Mitacs Inc. - Mitacs Accelerate Learning partnership for community development and Mino Bimaadiziwin in Brokenhead Ojibway Nation Awarded. \$90,000.
- Thompson, S. (PI). (2019-2020). Mitacs Inc. - Mitacs Accelerate First Nations Philanthropy Engagement Research Project, 90,000.
- Martin, D. & S. Thompson (Co-PI). (2015-2020). Micro- and Macro-Construction of Induced Displacement: Experiences, Health Outcomes and Future Plans of Little Saskatchewan First Nation. CIHR Aboriginal People's Health. \$617, 856.
- Thompson, S. (PI). (2019). University of Toronto - Contract WISE longitudinal evaluation project. \$47,250.
- Thompson, S. (Co-PI). (2019). University of Manitoba - UIRP A new thermal energy storage system for heating greenhouses in First Nations communities.
- Thompson, S. (Co-PI). (2019-2022). University of Toronto - Contract WISE longitudinal evaluation project.
- Thompson, S. (PI). (2016). Our home and native resources: Community planning and sustainable development to build prosperity in Wasagamack and Garden Hill First Nations. Mitacs Elevated Post-Doctoral Fellowship (PDF). \$115,000.
- Thompson, S. (PI). (2015-2016) Northern teaching lodges: Learning partnership for building human resources, community development and improving infrastructure in First Nation communities. SSHRC Partnership Letter of Intent. \$19,996.
- Martin, D & S. Thompson (Co-PI). (2014-2015) "A critical ethnography examining Little Saskatchewan First Nation community members' experiences of induced displacement: Promoting pimachiwiin. CIHR Aboriginal Peoples' Health. \$100,000.
- Thompson, S. (PI). (2014-2016). "Land Use Mapping and Planning for Sustainable Development with Island Lake Communities and other East-side Communities in Manitoba." MITACS Accelerate Internships. \$180,000.
- Thompson, S. (PI). (2012-2017). The Good Life through Indigenous Community Development: Sustainable Development Planning to Build Community Assets in Island Lake First Nation communities. SSHRC Insight Grant. \$499,900.
- Thompson, S. (PI). (2014-2017). Sharing the Feast of Ithinto Mechisowin (Food from the Land) and Grow North: Food-based Community Development at O-Pipon-Na-Piwin Cree Nation and Northern Manitoba communities. SSHRC Partnership Development Grant. \$199,636.
- Thompson, S. (PI). (2013-2015). Traditional Land Use and Ancestral Occupancy in Garden Hill. WNO, Province of Manitoba. \$80,000
- Thompson, S. (PI). (2013-2015). Traditional Land Use and Ancestral Occupancy in Wasagamack. WNO, Province of Manitoba. \$80,000.
- Thompson, S. (PI). (2013-2015). Traditional Land Use and Ancestral Occupancy in Red Sucker Lake. WNO, Province of Manitoba. \$80,000.
- Thompson, S. (2011-2013). Manitoba Hydro on forestry for biomass at Brochet. \$22000.
- Thompson, S. (2012). MITACS Elevate. \$30,000.
- Thompson, S. (2011). Renewable Energy Technology Workshop. Natural Resources Canada. \$4750.

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- Thompson, S. (2012). Performance and Natural Gas Optimization Program at Gerdau Ameristeel in Selkirk Manitoba. Manitoba Hydro. Performance Optimization, Manitoba Hydro, \$14,800.
- McLachlan, S, J. Brook, P. Fieldhouse, P. Kulchyski, D. Martz, J. Masuda, I. Mauro, D. Ramsey, S. Thompson, J. Wiebe. (2010-2015) Manitoba Alternative Food Research Alliance (MAFRA). \$995,000.
- Masuda, J., Thompson, S. et al. (2010). Transmedia and Justice. \$64,000. 2010-2011.
- McLachlan, S., Fuentealba, C., Amaratunga, C., Blue, G., Kutz, S., Rodriguez-Lecompte, J., & Thompson, S. (2009-2011). In land and life: Multi-scale implications of Chronic Wasting Disease for Aboriginal Communities and other stakeholders. Prionet, \$400,000.
- Thompson, S. (PI). (2009). Participatory video to tell the story of Chronic Disease Prevention Initiative – Burntwood Regional Health Authority (RHA) journey to health. Burntwood RHA, \$9,500.
- Haque, C., Berkes, F., Henley, T., King, L., Sinclair, J., & Thompson, S. (Co-ap).( 2007-2013) Building environmental governance capacity in Bangladesh. Association of Universities & Colleges of Canada (AUCC), \$999,886.
- Thompson, S. (PI). (2008). Participatory video used to evaluate the Chronic Disease Prevention Initiative. Assiniboine RHA, \$4,600.
- Thompson, S. (PI). (2007-2008). Building occupant analysis of ELA (Experimental Lakes Area): Opportunities to reduce energy costs by analyzing various renewable energies. Fisheries and Oceans Canada, \$12,000.
- Thompson, S. (PI). (2004-2006) Learning job safety: Health and safety education curriculum for students in the Faculty of Environment. Minerva Safe Manitoba, \$14,980.
- Thompson, S. and Wiebe, J. (PI). (2007-2009) Participatory research on harvesting community economic development in northern Manitoba. SSHRC. \$245,000.
- Thompson, S. and Fieldhouse, P. (PI). (2007-2008) Evaluation of the Northern Healthy Food Initiative. CIHR. \$100,000.
- Thompson, S. (PI). (2007). What to do with organics in Manitoba? Manitoba Conservation. \$15,000.
- Thompson, S. (PI). (2006-2007). Solid waste management in a health care facility pursuit of best practice at Deer Lodge Centre. Manitoba Conservation. \$12,500.
- Thompson, S. (PI). (2006-2008). A plan for the utilization of Brady Road landfill gas at the University of Manitoba. A feasibility study. Manitoba Conservation. \$12,600.
- Thompson, S. (PI). (2006-2008). Priorities for health and sustainability in the northern prairies: Listening to Aboriginal communities regarding environmental services. SSHRC. \$40,000.
- Thompson, S. (PI). (2006-2008). Waste management system: Developing waste reduction programs at the Manitoba Metis Federation home office. Manitoba Conservation, \$12,440.
- Thompson, S. (PI). (2006). Environmental services and sustainable livelihoods in Aboriginal communities on the prairies. University of Manitoba. \$2,500.
- Thompson, S. (PI). (2005-2007). Environmental services and sustainable livelihoods in aboriginal communities in the Prairies. University of Manitoba, \$7,050.
- Thompson, S. (PI). (2006). Incorporating national and international end-of-life white good strategies into Manitoba's evolving white goods management plan. Manitoba Conservation, \$15,000.

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- Thompson, S. (PI). (2006-2007). A plan for the utilization of Brady Road landfill gas at the University of Manitoba. A feasibility study. Manitoba Conservation. \$12,600.
- Thompson, S. (PI). (2005-2006). Review of existing landfill methane generation model and compiling Canadian Landfill Data of Emissions and Capture. Environment Canada, \$84,465.
- Thompson, S. (PI). (2003). Biochemical methane potential of municipal solid waste at Brady Road Landfill. Manitoba Hydro, \$48,150.

### **PRIZES AND SPECIAL AWARDS**

- 2020 Teaching, Research & Service Merit Award, University of Manitoba (\$3000)
- 2015 & 2010 Service Merit Awards, University of Manitoba (\$3000 x 2 years)
- 2020/2021 Secretary & Exec Committee, Association for Nonprofit and Social Economy Research
- 2011-present Board Member, Association for Nonprofit and Social Economy Research
- 2014-2016 Past-President, Environmental Studies Association in Canada
- 2010-2014 Co-President, Environmental Studies Association in Canada
- 2013 -2014 Menno Simons College 'How We Grow, Share, & Eat' Esau Series as our Distinguished Esau Professor for 2013-14 (\$2000)
- 2010-2012 Board Member, Food Secure Canada
- 2012-2014 The Peace Academic Graduate Program Committee (elected two-year term)
- 2011 Curator, ReDress Exhibition, University of Manitoba
- 2012 Conference co-chair, ESAC, SSHRC Congress.
- 2011 Best poster award for Islam, D. and Thompson, S. ESAC conference.
- 2011 Best poster award for Fennel, K. and Thompson, S. BC Forestry conference.
- 2010 Conference chair, Environmental Studies Association in Canada SSHRC Congress.
- 2010 Best poster award for Anaparti, A. & Thompson, S. PrioNet Scientific Meeting,
- 2007 United Nations award for the best new paper on a Montreal Protocol Related Topic in the Policy Category for the paper called "Policy Options to Reduce Consumer Waste to Zero: Comparing Product Stewardship and Extended Producer Responsibility for Refrigerator Waste". Co-author.

### **RECENT MEDIA INTERVIEWS (Newspaper/Radio/Television)**

- Stefanovich, O. (Feb. 2, 22). First Nation wants Ottawa to help clean up plastic waste left behind by 27-year boil water advisor. CBC National News. <https://www.cbc.ca/news/politics/first-nations-drinking-advisories-plastic-bottles-1.6330031>
- Hobson, B. (2020) & Hessey (2021). First Nation Water Special. APTN & Global News in August 2021 and January 2021. <https://www.aptnnews.ca/national-news/water-plants-first-nations-water-pipes/> and <https://storymaps.arcgis.com/stories/cbdc979bf27642bfba51689ca3c180e8>
- Meloney, N. (2020). Measures to stop the spread of COVID-19 in First Nations limited by lack of infrastructure: report. *CBC News*, Retrieved from <https://www.cbc.ca/news/indigenous/covid-19-manitoba-first-nations-risk-let-them-eat-cake-1.5578448>.

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- Neufeldt, A. (2020). Something in the water, and the soil, and the air: A closer look at a new report linking lead and crime. (2020). *UNITER*, Retrieved from <http://uniter.ca/view/something-in-the-water-and-the-soil-and-the-air>
- CBC News. (2020). Blood lead levels of concern for children in 3 Winnipeg neighbourhoods, report says. (2020). Retrieved from <https://www.cbc.ca/news/canada/manitoba/lead-soil-winnipeg-low-risk-1.5444638>
- CTV (2020).. [Audit finds many Manitoba drinking water systems unlicensed and lack certified operators | CTV News](#)
- Stackelberg, M. V. (2019). Homes on remote First Nations are mouldy before they're even built, experts say. CBC News. Retrieved from <https://www.cbc.ca/news/canada/manitoba/first-nations-housing-mould-1.5074196>
- Elash, A. & Walker, C. (2019). This First Nation produces clean water. So why are so many residents afraid to drink it? *CBC News*, Retrieved from <https://www.cbc.ca/news/indigenous/garden-hill-first-nations-drinking-water-1.4907864> .
- Kavanagh, S. (2019). Winnipeg survey on lead levels in water needs more work, expert says. *CBC News*, Retrieved from <https://www.cbc.ca/news/canada/manitoba/city-winnipeg-water-lead-survey-pipes-1.5401492>
- Annable, K. (2018). Air monitoring, more garden tests needed as lead levels stay high in parts of Winnipeg, officials say. *CBC News*, Retrieved from <https://www.cbc.ca/news/canada/manitoba/point-douglas-weston-school-lead-1.4925771>
- Annable, K. (2018). Tests commissioned by CBC show lead contamination persists in North Point Douglas. *CBC News*, Retrieved from <https://www.cbc.ca/news/canada/manitoba/soil-lead-point-samples-1.4921442>
- CBC (2018). New training program aims to tackle housing crisis in northern First Nations. *CBC News*. Retrieved from <https://www.cbc.ca/news/canada/manitoba/first-nations-housing-program-1.4855478>

## RESEARCH REPORTS

- Gillis, E., Lewis, K & Thompson, S (2021). Thompson River University Natural Resource Science Program Review/External Review Report. Kamloops: Thompson River University, 16 pages.
- Thompson, S. (2020). Midterm report on Mino Bimaadiziwin. SSHRC Partnership.
- Thompson, S. (2018, 2019, 2020). Community Mino Bimaadiziwin Reports for Garden Hill & Wasagamack.
- Thompson, S. and Pritty, P. (2017). Mino Bimaadiziwin Report. Mino Bimaadiziwin Partnership.
- Thompson, S. (2016). Community Report for the Ancestral Land Use and Traditional Activities at Wasagamack First Nation, Phase III report, (2016) Phase II report, (2015) Phase I report.
- Thompson, S. (2016). Community Report for the Ancestral Land Use and Traditional Activities at Garden Hill First Nation, Phase III, (2016) Phase II report, (2015) Phase I report.
- Thompson, S. with Bushie, G. (2016). Report for the Ancestral Land Use and Traditional Activities at Hollow Water First Nation, Phase III, Phase II, (2016), phase 1 (2015).

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Thompson, S. with Bushie, G. (2015). Hollow Water First Nation to the Clean Environment Commission Report.

Thompson, S. (2015). Red Sucker Lake First Nation Land Use and Development Report: Phase 1.

Thompson, S. & 5 First Nation East-side Communities. (2013). Method for Traditional Land Use Mapping. Manitoba: WNO.

Fennel, K. & Thompson, S. (2013). Final report on Cost Analysis of harvesting and transporting wood biomass to a northern off-grid community in Brochet, Manitoba. Manitoba Hydro.

Tanaput, S. & Thompson, S. (2005). Biochemical methane potential of municipal solid waste at Brady Road Landfill report to Manitoba Hydro and City of Winnipeg. Manitoba Hydro and City of Winnipeg. Winnipeg, 102 pages.

Thompson, S. (2004). Gender equality and sustainable livelihood strategies workshop proceedings and report. CIDA-CFHSS Collaborative Program. Ottawa, 56 pages.

#### **RECENT INVITED SPEAKER PRESENTATIONS**

- Recognizing Indigenous Sustainable Education (Feb. 2021).
- Assembly of First Nations National Housing and Infrastructure Forum, Toronto (Mar. 2020)
- First Nation Housing Conference, Thunderbay (Feb. 2020)
- UCN: Land, Air, Water, People, Climate Change Conference, Thompson (Feb. 2020)
- The Road That We Walk Together Indigenous Land-Based Education Conference, Winnipeg (2019)
- Canadian Mortgage and Housing Corporation Conference, Ottawa (2019)
- Manitoba GIS User Group Fall 2019 Conference, Winnipeg (2019)
- Muskrat Hut Design and Building Workshops, Opaskwayak Cree Nation (June & December 2019)
- Manitoba Keewatinowi Okimakanak (MKO) Fire Smart Conference (2019)
- Building Energy Management Manitoba, Winnipeg (2019).

#### **ACADEMIC SERVICE**

- Journal Reviewer for Energies, Community Development, Polar Geography, JANSER, Waste Management, Political Science Review, Journal of the Air & Waste Management Association, RSER, Health Promotion International, BMC Public Health, Resources, Applied Geography.
- University of Manitoba Faculty Association (UMFA) elected representative (2020- present)
- Social Sciences & Humanities Research Council (SSHRC) adjudication for Insight Grant (2016).
- SSHRC adjudication committee member for the Partnership Grants, Final stage (2015)
- SSHRC adjudication committee member for the Partnership Grants, Letter of Intent stage (2014)
- SSHRC adjudication committee member for the Partnership Development Grants (2012)
- Natural Sciences and Engineering Research Council (NSERC) Expert reviewer (2011-2012).
- Canadian Institute for Health Research (CIHR) Expert Reviewer - CIHR Project grant (2016)
- CIHR Peer Review Committee Member: Secondary Analysis of Databases (2011)
- NRI Graduate Curriculum Committee member (2012 and 2019/20)
- NRI Council & Master Entrance Committee & Awards Committee member (2002-present)

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- Clayton H. Riddell Environment, Earth & Resources(CHREER) speaker series coordinator (2012-18)
- CHREER, Tenure committees, Promotion & Hiring committees member (ad hoc)
- CHREER, Undergraduate curriculum committee member (2010-present)
- CHREER Health and Safety committee member (pre-2004-2005), 2008-2010, 2012-present)
- CHREER, Website committee, 2002-2005. & Computer committee member (2003-2008)
- CHREER, Special Dean's Faculty of Environment advisory committee member (2003- 2005)
- CHREER, Aboriginal Issues Press board member (2004-2014)
- University of Manitoba (UoM), Merit Awards committee member(2008 and 2009)
- UoM, Faculty Council member (2005)
- UoM, Adjunct Professor, Arthur Mauro Centre for Peace and Justice committee member (2008-2014)
- UoM, Joint Faculty Ethics Board member (2016-2018)
- Mino Bimaadiziwin Partnership Chair for four committees: Hiring committee, Homebuilding committee, Kitigay program committee, Outreach/media committee (2017-present)
- Sustainable Development Goals (SDGs)-6 Working Group member
- How to Change the World | Winter 2020/21 and SAIT Fall 2021, mentor, judge and expert(2020-2021)
- Co-chair, Session III: Two-eyed Seeing – Fusion of the Indigenous Way of Knowing and Mainstream Science in Indigenous Science Conference, Winnipeg (2022)