

**Dr. Shirley Thompson**  
**1152 Rue des Trappistes, Winnipeg, MB, R3V 1B8**  
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### **SUMMARY OF CREDENTIALS**

- Led many successful large projects, student programs and partnerships, including co-chairing a national academic society.
- Taught and developed curriculum for Natural Resources Institute (NRI), OISE/UT and Ryerson Polytechnic University, including environmental management systems, sustainable livelihoods, information communication technology for sustainable use, energy resources management, and policy, 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. I also am a co-investigator on different projects totalling more than \$3,000,000.
- 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 **ASSOCIATE PROFESSOR (tenured), Natural Resources Institute**  
Present **UNIVERSITY OF MANITOBA, WINNIPEG, MB.**

- Taught: Environmental Justice and Ecosystem Health, Community Food Security, Information Communication Technology, PhD Seminar, Energy Management and Policy and more.
- Supervise 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 **INSTRUCTOR/TUTORIAL ASSISTANT/RESEARCHER/LECTURER**  
2002 **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 **HEALTH AND SAFETY OFFICER**  
2001 **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 **INSTRUCTOR**  
1995 **RYERSON POLYTECHNIC UNIVERSITY, TORONTO, ON.**

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

1991 to **INSPECTOR/ENVIRONMENTAL CONSULTANT**  
1995 **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**

- Board Member, The Association for Non-profit and Social Economy Research (ANSER) (2013-present). Strategic Planning co-chair.
- Member, Canadian Community Economic Development Network (CCEDnet) (2007-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](#))**

- Michnik, K., Thompson, S. & Beardy, B. (accepted for spring 2021). Moving your body, soul, and heart to share and harvest food: Food Systems Education for Youth and Indigenous Food Sovereignty in Garden Hill First Nation, Manitoba. *Canadian Food Studies / La Revue canadienne des études sur l'alimentation*.
- Solademi, F., & Thompson, S. (2020). Spatial Analysis of Heavy Metal Emissions in Residential, Commercial and Industrial Areas Adjacent to a Scrap Metal Shredder in Winnipeg, Canada. *Journal of Geoscience and Environment Protection*, 8, 359-386.  
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- Ahmed, N., Thompson, S. & Glaser, M. (2019). Global aquaculture productivity, environmental sustainability, and climate change adaptability. *Environmental Management*, 63(2): 159-172. <https://doi.org/10.1007/s00267-018-1117-3>
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- Thompson, S., M. Bonnycastle & Hill, S. (2020). *COVID-19, First Nations and Poor Housing: "Wash hands frequently" and "Self-isolate" akin to "let them eat cake" in First Nations with Overcrowded Homes lacking Piped Water*. CCPA: Winnipeg. **ISBN: 978-1-77125-505-9**. Retrieved from: <https://www.policyalternatives.ca/publications/reports/covid-19-first-nations-and-poor-housing>
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- Hill, S. Bonnycastle, M. & Thompson. (2020). COVID-19 Policies Increase the Inequity in Northern Manitoba's Indigenous Communities. In Rounce and Levasseur (Eds). *COVID-19 in Manitoba: Public Policy Responses to the First Wave*. Winnipeg, University of Manitoba Press. [https://uofmpress.ca/files/9780887559501\\_web.pdf](https://uofmpress.ca/files/9780887559501_web.pdf)
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- Peters, K. & Thompson, S. (2008). Kerala's shrimp catchers under threat. *Yemaya*. 29, 5-6.
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- Nicol, S., & Thompson, S. (2006). Extending responsibilities: Choosing the right policy option for refrigerator management in Manitoba. *ISWA/NVRD World Congress 2006 Conference Proceedings* (202-216). Copenhagen, Denmark: ISWA/NRVD.

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- Thompson, S. (2005). How Can People in the Canadian North Get Affordable and Healthy Food? In F. Berkes, R. Huebert, & D. Fenn (Eds) with preparation by Monica Schuegraf. *Breaking ice: Renewable Resource and Ocean Management in the Canadian North Plain Language Version* (pages 17-23). Winnipeg: NRI.
- Thompson, S. (2005). Applying a gender lens to development policies, projects and programs to improve sustainable livelihoods for women. In S. Thompson (Ed.), *Gender equality and sustainable livelihood strategies: Tools for gender in development best practices workbook*. Winnipeg: NRI.
- Thompson, S. (2004). From environmental ill to environmental health: Women activists taking care of Halifax, Nova Scotia. *Women and Environment International*, 63/64, 40-42.
- Miko, R. & Thompson, S. (2004). Pay the rent or feed the kids? Tough choices. *Women and Environment International*, 63/64, 8-9.
- Lind, K. & Thompson, S. (2004). Spreading word on community gardens. *Eco-Journal*, 14(2), 3-5.
- Thompson, S. & Miko, R. (2004). Merging sustainable and healthy housing in West Broadway: Energy audits and building materials. *Eco-journal*, 14(1), 10-11.
- Thompson, S. & Tanapat, S. (2004). Modeling methane generation for different waste management options. *Environmental Informatics Archives*, 2004(2), 241-252.
- Thompson, S. (2003). Brady Road Landfill: Turning a climate change power keg into a gold mine. *Eco-journal*, 13(5), 9.

#### **CREATIVE WORKS: VIDEOS**

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- Suzuki, K. and Thompson, S. (2019). Mino Bimaadiziwin Partnership: Building youth, building capacity. <https://youtu.be/RFoud5l-The>
- Thompson, S. & Suzuki, K (2018). Boreal Homebuilders. <https://youtu.be/nW84gdC6-lk>
- Thompson, S., Sumner, I., Suzuki, K., Martin, D. and Ballard, M. (2018). Name your Baby Mooskaahn: flooding out Youth from Little Saskatchewan. <https://www.youtube.com/watch?v=2MFwOeHdAbc>
- Klatt, R., Harper, I. & Thompson, S. (2018). Visions of the Land: Garden Hill First Nation. <https://youtu.be/D1UFd3fMb80>
- Klatt, R., Whiteway, N. & Thompson, S. (2018). Wasagamack First Nation: Ancestral Land and Culture. <https://www.youtube.com/watch?v=i4p9dpuBT4A>
- Klatt, R., Harper, C. & Thompson, S. (2018). Red Sucker Lake First Nation – Land Use. <https://www.youtube.com/watch?v=oVC41gIK0pU>
- Pritty, P., Suzuki, K. & Thompson, S. (2018). Our Home and Native Land. <https://www.youtube.com/watch?v=6Sv4X1Wkila&app>
- Klatt, R. & Thompson, S (2016). High School - Then What? Education in Wasagamack First Nation. <https://www.youtube.com/watch?v=SC0NswCF4BE>
- Klatt, R. & Thompson, S (2016). The Wasagamack Housing Crisis. <https://www.youtube.com/watch?v=bgYskmyho1U&t=25s>

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- Ballard, M, Klatt, R. Martin, D. and Thompson, S (2016). Wounded Spirit: Forced Evacuation of Little Saskatchewan First Nation Elders. <https://www.youtube.com/watch?v=PQTubc1LlJY>
- Klatt, R., Harper, I. & Thompson, S. (2018). Visions of the Land: Garden Hill First Nation. <https://youtu.be/D1UFd3fMb80>
- Klatt, R., Whiteway, N. & Thompson, S. (2018). Wasagamack First Nation: Ancestral Land and Culture. <https://www.youtube.com/watch?v=i4p9dpuBT4A>
- Klatt, R., Harper, C. & Thompson, S. (2018). Red Sucker Lake First Nation – Land Use.
- Thompson, S. and Oyegunle, A. (2015) Sinking Under the Negative Impacts of Manitoba Hydro. <http://youtu.be/ph7Kw1LFWS4>
- Klatt, R. & Thompson, S. (2015). Meechim Farms Inc , <https://www.youtube.com/watch?v=9CeWRoRQaZk>
- Thompson, S., Klatt, R. & Oyegunle, A. (2015). Wasagamack: Living without Running Water and Sewage Service. <https://www.youtube.com/watch?v=N6qPQYfNavY>
- Thompson, S. and Klatt, R. (2015). Manito Ahbee Black River: Where the sacred rocks live. 10 minute video. <https://youtu.be/gZo6VD-JxaU>
- Kamal, A. and Thompson, S. (2013). Use and Occupancy Mapping Guide and Research Design Created by 7 First Nation communities. [https://www.youtube.com/watch?v=KJdFj184zKU&feature=em-upload\\_owner](https://www.youtube.com/watch?v=KJdFj184zKU&feature=em-upload_owner)
- Ballard, M., Klatt, R. & Thompson, S. (2012). Flooding Hope: The Lake St. Martin First Nation story [Video]. [http://home.cc.umanitoba.ca/~thomps4/floodinghope\\_doc.html](http://home.cc.umanitoba.ca/~thomps4/floodinghope_doc.html)
- Thompson, S. (co-Director/ co-Producer), Tait, V. & Klatt, R. (2012). Women reclaiming our power: A gendered view of First Nation colonization [Video]. <http://www.youtube.com/watch?v=fsUOxvYMSoY&feature=youtu.be>
- Thompson, S. (co-Director/co-Producer), Lozeznik, V. & Klatt, R. (Editor). (2011). Harvesting Hope in Northern Manitoba Communities [Video]. (Trailer Available at [http://home.cc.umanitoba.ca/~thomps4/harvestinghope\\_doc.html](http://home.cc.umanitoba.ca/~thomps4/harvestinghope_doc.html)). 37 minutes.
- Thompson, S. (Director/Videographer/Editor), Lozeznik, V. & Klatt, R. (Editor). (2009). Growing hope in northern Manitoba communities [Video]. (Available at <http://home.cc.umanitoba.ca/~thomps4/Movie.html>).
- Eidse, D. & Thompson, S (2011). The Burntwood Journey: Chronic Disease Prevention Initiative in Northern Manitoba. Commissioned by Burntwood Regional Health Authority. 27 minutes.
- Eidse, D. & Thompson, S. (2011). Chronic Disease Prevention Initiative in Manitoba. Commissioned by Assiniboine Regional Health Authority. 22 minutes.
- Eidse, D. (Videographer/Editor) and S. Thompson (Director/Editor/Producer). (2009). Pathways to Healthy Living in Northern Manitoba.[Video] (Available at <http://www.youtube.com/watch?v=I9ZQ8R8kCgc>). Commissioned by Burntwood Regional Health Authority. 10 minutes.
- 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) & Eidse, D. (Editor). (2008). Ricky's story of the Thicket-Portage Community preventing chronic disease. [Video] (Available at [http://www.youtube.com/watch?v=xRHCMBAE\\_yA](http://www.youtube.com/watch?v=xRHCMBAE_yA)). Commissioned by Assiniboine Regional Health Authority. 10 minutes
- 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.
- Thompson, S. (Director/Editor/Producer), Fulford, S. (Interviewer) & Eidse, D. (Editor, Videographer). (2008). [Video] Kerri's story of initiatives in her community to prevent chronic disease. Available at <http://www.youtube.com/watch?v=1HsW1MTWCnc&feature=related>). 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/>
- Bi-monthly newsletter <http://ecohealthcircle.com/mino-bimaadiziwin-newsletters/>
- YouTube channel <https://www.youtube.com/channel/UCxatDURvcEfWUfQBb0MqIlg>

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

- 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)

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- 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.  
[https://www.youtube.com/watch?v=5IYGr490ZDU&feature=youtu.be&ab\\_channel=RuralPolicyLearningCommons](https://www.youtube.com/watch?v=5IYGr490ZDU&feature=youtu.be&ab_channel=RuralPolicyLearningCommons)
- 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-vlwNwf9er0hQ&ab\\_channel=RuralPolicyLearningCommons](https://www.youtube.com/watch?v=niQOwgE59Gc&list=UU24ZwmEVj0-vlwNwf9er0hQ&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 present 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

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- 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

#### **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**

<b>Student degree</b>	<b>Currently</b>		<b>Previously</b>		<b>Total</b>
	<b>Supervise</b>	<b>Co-Supervise</b>	<b>Supervised</b>	<b>Co-Supervised</b>	
<b>Undergraduate</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>71</b>	<b>76</b>
<b>Master</b>	<b>4</b>	<b>1</b>	<b>35</b>	<b>3</b>	<b>43</b>
<b>Doctoral</b>	<b>1</b>	<b>3</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>5</b>	<b>4</b>	<b>36</b>	<b>77</b>	<b>128</b>

#### **RESEARCH FUNDING**

- Thompson, S. (PI). (2017-2023). Northern sustainability teaching lodges in remote First Nation Communities. SSHRC Partnership Grant. \$2,500,000.
- 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. (PI). (2020). Red Sucker Lake First Nation traditional land use mapping and youth training. \$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.

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- 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.
- 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). 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 Aboriginals 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.
- 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.

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- 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.
- 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.

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**PRIZES AND SPECIAL AWARDS**

- 2015 & 2010 Service Merit Awards, University of Manitoba (\$3000 x 2)
- 2011-present Board Member, Association for Nonprofit and Social Economy Research
- 2014-present Past-President, Environmental Studies Association in Canada
- 2010-2014 Co-President, Environmental Studies Association in Canada
- 2013 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.
- 2010 Best paper award for Nicol, S. and Thompson, S.
- 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)**

- Hobson, B. (2020) & Hessey (2021). First Nation Water Special. APTN & Global News. Feb. 2021.
- Meloney, N. (2020). Measures to stop 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>.
- 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, lack certified operators. [Audit finds many Manitoba drinking water systems unlicensed, 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->

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- 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**

- 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).
- 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.

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

- 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)
- MKO Fire Smart Conference (2019)
- Building Energy Management Manitoba, Winnipeg (2019).

#### **ACADEMIC SERVICE**

- Journal Reviewer regularly for many journals including 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.
- Union of Manitoba Faculty Association (UMFA) elected representative (2020- present)
- Social Sciences and Humanities Research Council of Canada (SSHRC) adjudication committee for the Insight Grant (2016).
- SSHRC adjudication committee for the Partnership Grants, Final stage (2015)
- SSHRC adjudication committee for the Partnership Grants, Letter of Intent stage (2014)
- SSHRC adjudication committee for the Partnership Development Grants (2012)
- Expert reviewer, Natural Sciences and Engineering Research Council (NSERC) (2011-2012).
- Canadian Institute for Health Research (CIHR) Peer Review - CIHR Project grant (2016)
- CIHR Peer Review - Committee Member: Secondary Analysis of Databases (2011)
- NRI Graduate Curriculum Committee (2012 and 2019/20)
- NRI Council & Master Entrance Committee & Awards Committee (2004-present)
- Clayton H. Riddell Environment, Earth and Resources (CHREER) faculty speaker series coordinator (2012-2018)
- CHREER, Tenure committees (ad hoc), Promotion committees & Hiring committees (ad hoc)
- CHREER, Undergraduate curriculum committee (2010-present)
- CHREER Health and Safety committee, (pre-2004-2005), 2008-2010, 2012-present)
- CHREER, Website committee, 2002-2005. & Computer committee (2003-2008)
- CHREER, Special Dean's Faculty of Environment advisory committee (2003- 2005)
- CHREER, Aboriginal Issues Press (2004-2014)
- University of Manitoba (UoM), Merit Awards committee (2008 and 2009)
- UoM, Faculty Council (2005)
- UoM, Faculty Council of Graduate Studie (2003-2005, 2008-2010)
- UoM, Adjunct Professor, Arthur Mauro Centre for Peace and Justice (2008-2014)
- UoM, Joint Faculty Ethics Board member (2016-2018)
- Mino Bimaadiziwin Partnership Chair of Hiring, Homebuilding, Kitigay, Education committees (2017-present)