ACHIEVEMENT REPORT 2022-2023

University of Lethbridge



the Prentice Institute for Global Population and Economy



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Prentice Institute A Brief History

Photo by Nick Yarmey

In December 2006, the University of Lethbridge received an \$8.25 million gift from John Prentice, a Calmar, Alberta based agri-business entrepreneur, award-winning agrologist, and industry leader, designed to launch the Prentice Institute for Global Population and Economy, a multi-disciplinary, crossfaculty institute dedicated to researching the long-term global impacts of demographic, economic, and social issues related to changes in the world population patterns. The Institute was launched in 2009.

"I have chosen to endow the Prentice Institute for Global Population and Economy at the University of Lethbridge because I believe that long-term demographic and economic cycles are underresearched, and that improved knowledge in these areas would inform the public and cause both individuals and governments to make better decisions, thus changing the course of history for the better." ~John Prentice





Our Vision

The Prentice Institute will be a global leader in research and analysis of changing human population and economic issues.



Photo by Lars Hallstrom

Our Mission

The Prentice Institute supports and conducts research on changing human populations and their potential impacts on social, environmental, and economic issues.

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The Prentice Institute and its research collaborators seek to understand long-term changes in human and economic environments, within a historical context, with particular attention to the role human actions play in influencing these outcomes.



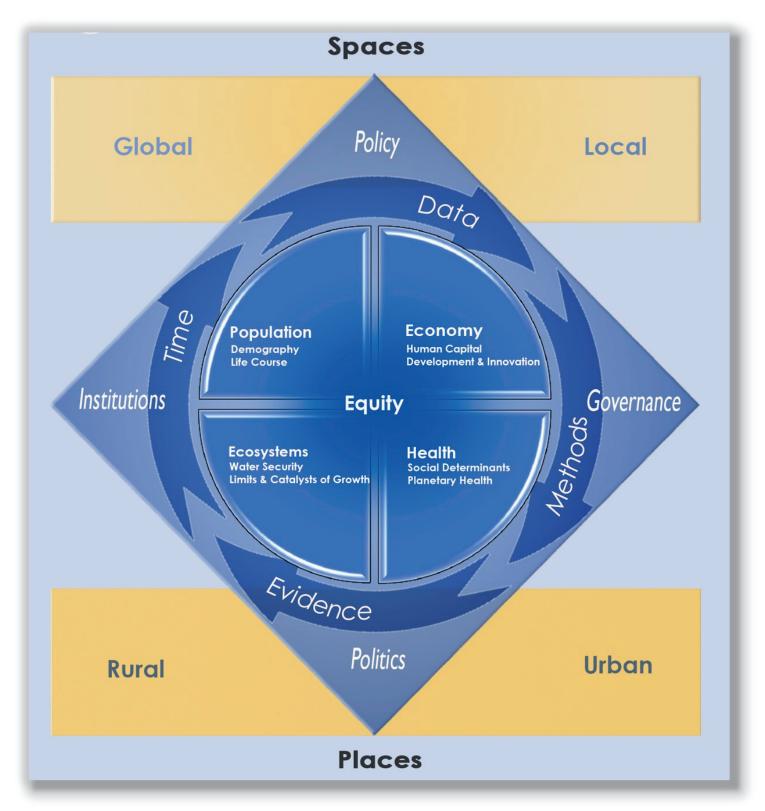
The Prentice Institute conducts and integrates research on the dynamics of Canadian and global demography and their impact on economic well-being through migration, culture, trade, and natural resource availability.



The Prentice Institute communicates widely the output of our work, and that of others, to stimulate further research and to enable individuals, governments, and corporations to make better-informed decisions. The Institute educates students and future researchers.



Strategic Model





Our Team

During the 2022-23 year, the Institute employed 33 staff.

The **Executive** consisted of the Director, Lars Hallstrom; and two Associate Directors: Andrea Cuéllar and Alexander Darku, who joined the Institute in July of 2023.

Staff members included:

- Three postdoctoral fellows: Dharashree Das, Naser Miftari, and Li Yu
- Four PhD students: Henrietha Adandom, Stacey Haugen, Rachel McNally, and Ogochukwu Onyeso
- Two Master's students: Adedapo Adeogun and Joshua Passey
- Eleven undergraduate/summer students: Mackenzie Bobee, Brody Fleischhaur, Talmann Frostad, Jacob Higham, Mikailla Holt, Peter Hurd-Watler (MITACS), Taylor Manns, Joshua Passey (1), Eileen Sowunmi, Kianna Turner, and Brie Wilson
- **Five research staff**: Dr. Adebiyi Boco, Dr. Samuel Ofori Dei, Lanie Parr, Lisa-Marie Swanepoel, and Nick Yarmey
- **Six other staff** (Web designers, writers, and administrative support): Haley Kaczmar-Brown, Mackenzie Bobee, Payton Grant, Trish Macklin, Selly Meliana, and Devon Tordoff

(1) Some individuals appear more than once as they have held different positions with the Institute during the reporting period.

OUR EXECUTIVE



LARS K HALLSTROM Director



ANDREA CUELLAR Associate Director



ALEXANDER DARKU Associate Director



External Partnerships

With the support of a variety of Tri-Agency and similar grants, the Director and staff of the Institute have partnerships with faculty and institutes across Canada.





Prentice Grant Funded Projects



The Prentice Institute offers two grants to Institute affiliates. Only affiliates with an academic appointment at the University of Lethbridge are eligible to apply.

	The Research Affiliate Fund is an award of up to \$20,000	The Research Seed Grant is an award of up to \$8,500
	Research Affiliate Fund	Research Seed Grant
2021-2022	\$94,224.00 (4 projects)	\$8,500.00 (1 project)
2022-2023	\$60,000 (3 projects)	No applicants



Prentice Grant Funded Projects

"Navigating Academic Spaces: Untold Stories of Black, Indigenous and Women of Colour"

Principal Investigator: Dr. Sandra Dixon **Dates:** July 2022 to July 2024

Project Description: This research project concentrates on expanding our knowledge and understanding concerning the unique dynamics of BIWOC as they navigate the academic milieu. This knowledge will enrich the experiences, decision and policymaking of the PI affiliates, EDI educators, students and policy-makers in local, national and international spheres.

"Tarangire Ecosystem: Human-carnivore Coexistence"

Principle Investigator: Dr. Justin Raycraft **Dates:** May 1, 2023 to December 31, 2025

Project Description: The proposed study will focus on the Tarangire Ecosystem in northern Tanzania, which supports one of the highest densities of large carnivores in Africa and is home to numerous pastoralist and agricultural communities that depend on livestock for subsistence. Overall, the study will contribute to theoretical understandings of human-carnivore coexistence and generate policy actionable recommendations that are mutually beneficial for people and large carnivores.

"Health and Wellbeing of Frontline Healthcare Professionals"

Principle Investigator: Dr. Claudia SteinkeCo-Investigators: Dr. Helen Kelley; Dr. Olu AwosogaDates: August 1, 2023 to January 31, 2025

Project Description: The purpose of the research is to understand the health and wellbeing of frontline healthcare professionals working in Southern Alberta, to determine their daily healthy strategies and the organizational healthy supports they use or need, and assess the associations among these strategies, supports, and quality of life, work life, and clinical care.

Prentice Institute Research Seed Grant

(PIRSG) Recipient (Ongoing)

Prentice Institute Research Affiliate Fund (PIRAF) Recipients

(PIRAF) Recipients (New & Ongoing)



"Development and Validation of the Global Adolescent and Child Physical Activity Questionnaire (GAC-PAQ): A Pilot Study"

Principle Investigator: Dr. Richard Larouche **Dates:** July 2022 to June 2024

Project Description: We aim to develop and assess the reliability and validity of the new app-based Global Adolescent and Child Physical Activity Questionnaire (GAC-PAQ) among 5- to 17-year-olds in Canada as a "proof of concept" before replicating our study in 14 countries.

"Co-creation of a "Made-in-Alberta" Plan for Collaborative and Coordination of Services Across Sectors for Children and Youth with Complex Mental Healthcare Needs"

Principle Investigator: Dr. Brenda Leung **Dates:** July 2022 to June 2024

Project Description: The purpose of this project is to engage with stakeholders of healthcare, education, children (social) services, and policing to co-create a "made-in-Alberta" plan for collaborative and coordination of services across sectors.

"How Adults in Selected Urban and Rural Communities in Southwest Nigeria Perceive Cardiovascular Disease, Risk Factors and their Risk status: A Critical Factor in Preventing and Managing Cardiovascular Disease"

Principle Investigator: Dr. Olu Awosoga **Dates:** June 2022 to March 2024

Project Description: The findings of this study will provide information on the CVD risk status and risk perception of adults in selected rural and urban areas in southwest Nigeria. This will be the first study in Nigeria involving multiple centers of both rural and urban areas in Nigeria, this study will become the template for other regions in Nigeria. It is hoped that the evidence and knowledge generated from this study would be useful in the development of contextualized CVD prevention programs for adults in rural and urban areas in Nigeria.



"Settlement Processes for New Immigrants in Alberta"

Principle Investigator: Dr. Debra Basil **Dates:** July 2022 to June 2024

Project Description: This research will advance our understanding of the settlement process for new immigrants in Alberta, by examining the decision-making process for service offerings of non-profit and civil society organizations (NPO/CSO) working with immigrants.

"Gender, Migration, and Mental Health Support Needs among Immigrants to Southern Alberta"

Principle Investigator: Dr. Peter Kellett and Dr. Toupey Luft **Dates:** June 2021 to December 2023

Project Description: The study has three aims: 1) to explore how shifting gender-identity and other intersectional influences on immigrants' social location affect their mental health and well-being; 2) to examine what resources or strategies southern Alberta immigrants' access (or choose not to access) to cope with their mental health challenges; 3) to document what members of southern Alberta immigrant communities identify as their mental health support needs and to communicate these to relevant stakeholders.

"Relationship and Spirituality in Counselling Intake Assessment During and Following COVID-19"

Principle Investigator: Dr. Bonnie Lee **Dates:** February 2021 to September 2023

Project Description: The research aims to stimulate rethinking of policies and practices around counsellors' training and services to support recovery from pandemic challenges. Alignment with Prentice Institute: The collaboration of 4 researchers at different career stages, from 3 academic institutions across 2 countries further the Prentice Institute's aims to foster synergistic international partnerships and mentoring of early-stage researchers.



IMMIGRATION, REFUGEES, AND CITIZENSHIP CANADA (IRCC)









Externally Funded Projects Projects that have received funding from external sources

"From Anecdotes to Evidence: Research-Based Recommendations for Supporting Rural and Remote Sponsorship"

(PI Dr. Lars Hallstrom) IRCC Capacity Grant \$177,000 (2021- 2023)

Project description: This is a research project that can be leveraged to improve the support, training, and outreach provided to sponsors and/or refugees, with a focus on rural and remote sponsorship. Primary deliverables will be generated through a scoping review, a national survey, and focus groups with both private sponsors and refugees across Canada, in communities with populations under 125,000 people, including in the North and remote areas.

This project benefits rural private sponsors and refugees by offering them a pathway to: (1) express their concerns and challenges, (2) contribute to the improvement of services and training provided to rural sponsors and refugees, and (3) benefit from the implementation of any interventions or reforms.

Government will benefit by: (1) gaining knowledge of rural and remote sponsorship, (2) finding ways to ensure that refugees are adequately supported, contributing to the government's Quality Assurance Initiative, and (3) finding ways to increase ex-urban and rural sponsorships.

Project Outputs: The primary outcome of the project is to improve knowledge on sponsorship outside of urban centres and offer recommendations to improve sponsorship training and connections in rural contexts, ensure the support of refugees, and inform best practices moving forward. Specifically, the findings of the survey and focus groups will inform the final output of this project, which will be a report sharing best practices related to rural sponsorship and presenting action-oriented recommendations for supporting rural sponsorship (for RSTP, SAHs, various levels of government, and settlement services). The report will provide the evidence basis to inform and launch future initiatives over the next several years, such as new training materials or the possibility of a Canadian Rural Sponsorship Network connecting rural sponsors across the country.



Externally Funded Projects

CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR) TEAM GRANT



The ECHO (Environment, Community, Health Observatory) Network

(CO-PI Dr. Lars Hallstrom) CIHR Team Grant \$2,000,000 (2016-2022)

Health is influenced by resource development through interrelated socioeconomic, ecological, cultural, and political pathways which demand upstream, intersectoral responses. These relationships are especially important in Canada, where the economy remains tightly coupled with the development of natural resources and where the rate and scale of social and environmental change occurring in resource-rich regions is fueling debate regarding health impacts, especially for rural, remote, and Indigenous communities. Our project, titled "The <u>ECHO Network</u>: Strengthening intersectoral capacity to understand and respond to health impacts of resource development," aims to:

- 1. Make evidence-based recommendations on the form and function of a cross-jurisdictional ECHO that will foster understanding of the complex dynamics of resource development and health; and
- 2. Trial and evaluate intersectoral strategies to address the cumulative determinants of health that interact over time and space, targeting actions and responses that cannot be achieved by the health sector alone.

The ECHO Network team has several key features:

- 1. Our research team is informed by experienced health, environmental, and social science researchers;
- 2. The research program is also anchored in four regional cases (New Brunswick, Alberta, British Columbia, and Northern British Columbia).

In each regional case, knowledge-users have identified decisionsupport needs or issues that demand a better integration of environment, community, and health impacts. The ECHO will provide a platform of integrative tools and processes that connect people to a network of information, practices, and people in order to develop a shared perspective upon health and well-being, and more effective responses to the cumulative impacts of resource development. The research will involve four components, each linked to specific objectives, mentorship, and capacity building processes over five years: rural, watersheds, equity, and GIS-mapping.



Externally Funded Projects

CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR) TEAM GRANT



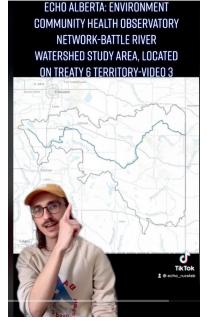
"The ECHO Network: Rural and Watershed Node"

(PI Dr. Lars Hallstrom) \$25,000 (2021-23)

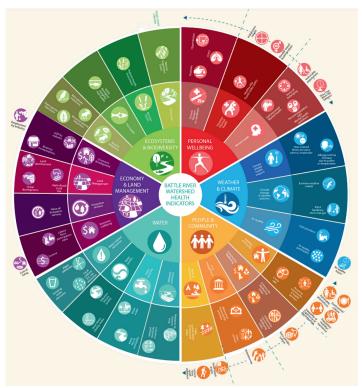
Project description: A major output of the ECHO node is the creation of a Battle River Watershed-specific atlas, built around a series of 100+ maps and 44 indicators constructed as an integrated and intersectoral framework for assessing public health in the watershed. This is the only atlas and interface of this scope, scale, and focus in Canada. It is a complement to both the indicator-based work, and the observatory functions of the ECHO network noted above.

Project outputs:

- 1. "Health in the Watershed Atlas" (2022) (451 pp).
- 2. A 44-Indicator Health in the Watershed Framework, pictured below.
- 3. <u>Fifty short videos</u> (based on the Health in the Watershed Atlas).
- 4. <u>AB Enviroscreen</u>: GIS-based environmental health assessment tool for Alberta.



TT: <u>Echo_ruralAB</u>





SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL (SSHRC) KNOWLEDGE SYNTHESIS GRANT

Social Sciences and Humanities Research Council of Canada

Conseil de recherches en sciences humaines du Canada



Canada

Externally Funded Projects

"Economic Implications of the Asocial Society: A Scoping Review of Loneliness Among Young Adults Across the Life Course"

(PI Dr. Adebiyi Boco) SSHRC Knowledge Synthesis Grant \$30,000 (March 2022-March 2023)

This project focused on the economic consequences of loneliness for young Canadians, and how those effects manifest through the life course. We addressed this question through a scoping review. The goal of the scoping review was to ask what the existing research tells us on the economic impacts and dimensions of loneliness among young adults (15-35 years) in both Canada and internationally, with most-similar systems comparisons in Europe, the USA, Australia, and New Zealand. We defined economic dimensions broadly to include employment income, employment status, labor market participation and occupation, financial insecurity, job performance, productivity, housing access, working class, and other economic costs, including but not limited to, healthcare expenditures. The quantitative and qualitative literature in peer-reviewed journals, from a variety of scholarly databases, and non-peer reviewed outlets (e.g., dissertations, theses, reports, and others) published in English or French were reviewed. Results were analyzed both thematically and categorically, with both social strata and temporal factors helping to structure those analyses. In addition to the development of our report for SSHRC, the knowledge mobilization strategy for this project was multidimensional, and includes peer-reviewed publications (in venues such as Canadian Public Policy, Canadian Studies in Population, Canadian Journal of Political Science) as well as dissemination to lay public, practitioner, and policy audiences.

Project outputs:

- 1. Scoping Review
- 2. Policy Brief
- 3. Speaker Series Presentation



Externally Funded Projects

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL (SSHRC) CONNECTIONS GRANT

Social Sciences and Humanities Research Council of Canada

Conseil de recherches en sciences humaines du Canada



Canadă

Projects

"Moving In, Moving On & Moving Up: Exploring Population Movements to and from Rural Canada"

(PI Dr. Lars Hallstrom) SSHRC Connections Grant \$41,798 (April 2023-June 2024)

This project reinvests in the study of migration to and from rural Canada through a set of organized workshops and long-lasting outputs. Specifically, this project brings together researchers, scholars, policy-makers, and practitioners across the country through a set of facilitated workshops, to explore topics of population movement, mobility, and migration to and from rural places. Rather than holding a traditional conference with primarily academic, presentations, this project is organized around a series of facilitated workshops, or dialogue circles, across the country. Held in Lethbridge, AB, Prince George, BC, Antigonish, NS, and Ottawa, ON, these workshops will bring together a diverse group of participants, including, but not limited to, relevant researchers, scholars, policymakers, resettlement and immigration workers, relevant practitioners, and local decision-makers. The workshops will:

- 1. Provide a space for participants to discuss, share, and learn (from each other) about the "rural problematique" in their own context and locale (Blake and Nurse 2003a), and;
- 2. Contribute to the long-term outputs produced by this project, particularly a virtual knowledge creation and sharing platform, open-access policy briefs, and interactive, publicly accessible maps visualizing patterns of rural-urban migration.



FONDATION

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RURAL REVITALIZATION

The Canadian Rural Revitalization Conference



The Prentice Institute hosted the Canadian Rural Revitalization REVITALISATION RURALE Foundation Conference and annual meeting, June 20-23, 2023: Moving In, Moving On & Moving Up: Living Well in Rural Canada. There were 80 in-person registrants. The organizing committee included: Stacey Haugen, Rachel McNally, Lars Hallstrom, Devon Tordoff. The conference's 19 panels and eight posters addressed the question(s): What does it mean to live well in rural Canada? What are the key factors, issues and responses that shape and define wellbeing in rural places? Presentations focused on wellbeing as an include interdisciplinary concept that can dynamics of environmental, physical, economic, social, emotional, psychological or mental, and/or economic aspects of wellbeing.





Staff member authors are listed in bold.

PUBLISHED, OR IN PROGRESS

Hallstrom, Lars K., Laticia Chapman, Elmira Khiabani, Randy Paquette, Demi Vermeer, and Nicholas T. Yarmey. 2022. Taking Notice to Take Action: Integrating Environment, Community, and Health: A Health in the Watershed Atlas of the Battle River and Sounding Creek Watersheds. Edited by Mackenzie Bobee, Talmann Frostad, Payton Grant, Heather Marshall, Joel O'Brien, Lanie J. Parr, Josh Passey, and Sarah Skinner. Lethbridge, AB: Prentice Institute for Global Population and Economy.

Onyeso, O. K., Umunnah, J. O., Eze, J. C., Onigbinde, A. T., Anyachukwu, C. C., Ezema, C. I., Onwuakagba, I. U., Abaraogu, U. O., Awhen, A. P., Anikwe, E. E., Akinola, O. T., & Kalu, M. E. (2022). Musculoskeletal imaging authority, levels of training, attitude, competence, and utilisation among clinical physiotherapists in Nigeria: A cross- sectional survey. BMC Medical Education, 22(1). <u>https://doi.org/10.1186/s12909-022-03769-x</u>

Akinrolie, O., Masta, A. M., Jasper, U. S., Fawole, H. O., **Onyeso, O. K**., Akinrolie, O., & Jumbo, U. S. (2022). Physical inactivity among internally displaced persons in Nigeria. Journal of Migration and Health, 6, 100140. <u>https://doi.org/10.1016/j.jmh.2022.100140</u>

Awosoga, O. A., Odunaiya, N. A., Oyewole, O. O., Ogunlana, M. O., Mbada, C. E., **Onyeso, O. K.**, Adegoke, O. M., Ayodeji, A. F., & Odole, A. C. (2022). Pattern and perception of wellbeing, quality of work life and quality of care of health professionals in Southwest Nigeria. BMC Health Services Research, 22(1). <u>https://doi.org/10.1186/s12913-022-08808-3</u>

Igwe, A. A., **Onyeso, O. K.**, Ezema, C. I., Eyichukwu, G. O., Ejim, E. C., Egwuonwu, V. A., Onwujekwe, O., Amaeze, A. A., & Okoye, G. C. (2022). Effects of cervical traction and infrared therapy on pain intensity and neck disability index among people with cervical spondylosis: A cross-over cohort study. Journal of Musculoskeletal Research, 25(04). <u>https://doi.org/10.1142/s0218957722500233</u>

Odole, A. C., Alegbeleye, O. A., Ekediegwu, E. C., **Onyeso, O. K.**, Mbada, C. E., & Akosile, C. O. (2022). Psychosocial correlates of pain intensity and neck disability index among people with non-specific neck pain in a low-resource setting: A cross-sectional study. European Journal of Physiotherapy, 1-8. <u>https://doi.org/10.1080/21679169.2022.2140824</u>

Odole, A. C., Ogunlana, M. O., Odunaiya, N. A., Oyewole, O. O., Mbada, C. E., **Onyeso, O. K.**, Ayodeji, A. F., Adegoke, O. M., Odole, I., Sanuade, C. T., Odole, M. E., & Awosoga, O. A. (2022). Influence of well-being and quality of work-life on quality of care among health professionals in Southwest, Nigeria. Scientific Reports. <u>https://doi.org/10.1038/s41598-022-</u> 25057-w



Staff member authors are listed in bold.

Awosoga, O. A., Odole, A. C., **Onyeso, O. K.**, Ojo, J. O., Ekediegwu, E. C., Nwosu, I. B., Nord, C., Steinke, C., Varsanyi, S., & Doan, J. (2023). Perceived strategies for reducing staff turnover and improving well-being and retention among professional caregivers in Alberta's continuing-care facilities: A qualitative study. Home Health Care Services Quarterly, 1-23. <u>https://doi.org/10.1080/01621424.2023.2166889</u>

Awosoga, O. A., Odole, A. C., Onyeso, O. K., Doan, J., Nord, C., Nwosu, I. B., Steinke, C., Ojo, J. O., Ekediegwu, E. C., & Murphy, S. (2023). Well-being of professional older adults' caregivers in Alberta's assisted living and long-term care facilities: A cross-sectional study. BMC Geriatrics, 23(1). <u>https://doi.org/10.1186/s12877-023-03801-9</u>

Onyeso, O. K., Odole, A. C., Scott, D. R., Akinrolie, O., Kalu, M. E., & Awosoga, O. A. (2023). Association between sociodemographic factors and mobility limitation among older adults: A systematic review and meta-analysis protocol. Systematic Reviews, 12(1). <u>https://doi.org/10.1186/s13643-023-02190-9</u>

Ezema, C. I., Erondu, O. K., **Onyeso, O. K.**, Alumona, C. J., Ijever, W. A., & Amaeze, A. A. (2023). Radiographers' knowledge, attitude, and adherence to standard COVID-19 precautions and the policy implications: A national cross-sectional study in Nigeria. Annals of Medicine, 55(1), 2210844. <u>https://doi.org/10.1080/07853890.2023.2210844</u>

Larouche, R., Kleinfeld, M., Charles Rodriguez, U., Hatten, C., Hecker, V., Scott, D. R., Brown, L. M., **Onyeso, O. K.**, Sadia, F., & Shimamura, H. (2023). Determinants of outdoor time in children and youth: A systematic review of longitudinal and intervention studies. International Journal of Environmental Research and Public Health, 20(2), 1328. <u>https://doi.org/10.3390/ijerph20021328</u>

Hallstrom, L., and Islam, K. (2023). Health impacts of COVID-19 on Canadians living with Disabilities. accepted at the Canadian Journal of Disability Studies (March 2023).

Hallstrom, L. (2023). Innovation vs inertia: Entrepreneurial governments in 21st-century rural Alberta. The Canadian Geographer / Le Géographe canadien, 67, 165– 175. <u>https://doi.org/10.1111/cag.12822</u>

Sam M. Ofori-Dei, Henrietha C. Adandom & Lars K. Hallstrom. (2023). "A longitudinal assessment of the impact of health literacy education on farmers' mental health". Target Journal: The Canadian Journal of Psychiatry [In progress].



Staff member authors are listed in bold.

Henrietha C. Adandom, Sam M. Ofori-Dei & Lars K. Hallstrom. (2023). "Health and wellbeing of Hutterite farmers in Alberta: Results from the Sustainable Farm Families Alberta Program". Target Journal: Canadian Journal of Rural Medicine [Accepted for publication].

Boco, A., Swanepoel, LM., and Wilson, B. (IN PROGRESS) Economic Impacts of Loneliness and Interventions to Address Loneliness Among Young Adults: A Scoping Review Protocol. (submission journal PLOS One).

Boco, A., Swanepoel, LM., and Wilson, B. (IN PROGRESS). Economic Impacts of Loneliness and Interventions to Address Loneliness among Young Adults: A Scoping Review (paper is planned to be submitted to Quality of Life Research).

Yarmey N, Hallstrom L, Buse C. "Quantifying the Cumulative Impacts of Land Use in Alberta Using the "EnviroScreen" Method." Journal Article (in prep). Target journal: Canadian Geographer.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. NOT YET SUBMITTED. 2023. "Reconceptualizing the Rural Refugee Problematique: "The Refugee" as the Demonstrative Case for Policy Inertia in Canada." Canadian Journal of Political Science.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. NOT YET SUBMITTED. 2023. "Supporting Refugees in Rural Canada: How Sponsors and Settlement Workers help Newcomers Integrate into Smaller Communities." Refugee Studies or Refuge: Canada's Journal on Refugees.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. ACCEPTED FOR PUBLICATION. 2023. "<u>An Evaluation of Policy Responses to Refugee Resettlement in Rural Canada</u>." The Journal of Rural and Community Development.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. SUBMITTED – IN REVIEW. 2023. "Seeking Refuge Beyond Big Cities: A Scoping Review on Rural and Small Community Refugee Settlement in Canada and Beyond." Journal of International Migration and Integration.



Staff member authors are listed in bold.

REPORTS AND EVIDENCE BRIEFS

Boco, A., Hallstrom, L., Ofori, S., Onyeso, O., Sowunmi, E., Swanepoel, LM., and Wilson, B. (2022). Title: Economic implications of the asocial society: a scoping review of loneliness among young adults across the life course: Evidence Brief, 2 pages. Submitted to SSHRC KSG Evidence Briefs, October 7, 2022.

Yarmey N. Jan 2023. "City of Lethbridge People & Culture Document Review and Synthesis." Prepared for: Kim Schaaf, People & Culture Department, City of Lethbridge.

Ofori Dei, S., Hallstrom, L, and Adandom, H. Equity, Diversity, and Inclusion of the City of Lethbridge 2021. Report was submitted in February 2023.

Boco, A., Hallstrom, L., Ofori, S., Onyeso, O., Sowunmi, E., Swanepoel, LM., and Wilson, B. (2023). Economic implications of the asocial society: a scoping review of loneliness among young adults across the life course. Knowledge Synthesis Report. Knowledge Synthesis Report, 38 pages + references + appendix. Submitted to SSHRC, March 28, 2023.

Haugen, Stacey, and Rachel McNally. Comprehensive Final Report (300+ pages) and Summary Report on the IRCC project, which included an international and national scoping review, national survey, and virtual focus groups and interviews with settlement workers, sponsors and refugees across rural Canada. Full report submitted to IRCC on March 31st, 2023.

Hallstrom L, Trussler T, **Yarmey N**. Apr 2023. Preliminary Report 1.1: Public Perceptions of Policing in Alberta.

Hallstrom L, Trussler T, **Yarmey N**. Apr 2023. Preliminary Report 1.2: Urban Perceptions of Policing in Alberta.

Hallstrom L, Trussler T, **Yarmey N**. Apr 2023. Preliminary Report 1.3: Rural Perceptions of Policing in Alberta.

Hallstrom L, Trussler T, **Yarmey N**. Apr 2023. Preliminary Report 2.0: Official Representatives of RMA Members Perceptions of Policing in Alberta. Prepared for: Rural Municipalities of Alberta (RMA).



Staff Presentations

Staff presenters are listed in bold.

PRESENTATIONS AND CONFERENCES

Yarmey N & Hallstrom L. August 2022. "A Canadian environmental justice screening tool for quantifying cumulative effects to environment, community, and health." Ecological Society of America and Canadian Society for Ecology and Evolution Joint Meeting. Montreal, QC. Poster.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. "Evidence-Based Policy Making?: An Analysis of the Framing of Policy Interventions targeting Rural Refugee Resettlement." Prairie Political Science Association, September 16-18, 2022.

L. Hallstrom and C. Banack "Apolitical Populism, Freedom, and the Alberta State" presented at the Prairie Political Science Association Annual Meeting, Banff, AB. Sept. 2022.

L. Hallstrom, Panel Chair, "Public Policy and Administration" Prairie Political Science Association Annual Meeting, Banff, AB. Sept. 2022.

Boco, Adebiyi G. Economic implications of the asocial society: a scoping review of loneliness among young adults across the life course. Presentation at the Knowledge Synthesis Grants (KSGs): Emerging Asocial Society Forum, Virtual Panel Sessions, November 10, 2022.

Haugen, Stacey. "Local Solutions to Climate Change & Human Displacement: Can rural and smaller communities play a role in resettling climate refugees & mitigating the environmental impacts of increased urbanization?" International Conference on Environmental, Cultural, Economic & Social Sustainability, Ljubljana, Slovenia, February 1-3, 2023

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. "Finding Refuge in Rural Places: Exploring the Opportunities and Challenges of Refugee Resettlement in Smaller Communities in Canada and Beyond." American Association of Geographers, Denver, CO, March 23-27, 2023.

Yarmey N. Mar 2023. Demonstration of the Utility of the EnviroScreen Tool for State of the Watershed Reporting. For: Alberta Watershed Planning and Advisory Councils' Technical Committee Meeting. Oral presentation.

Boco, Adebiyi G, Hallstrom, Lars K., Ofori Dei, Samuel M., Onyeso, Ogochukwu K., Sowunmi, Eileen, Swanepoel, Lisa-Marie, Wilson, Brie. A Scoping Review of Economic Impacts of Loneliness and Interventions to Address Loneliness Among Young Adults. Poster presented at the Donor Celebration, University of Lethbridge, Lethbridge, March 20, 2023.



Staff Presentations

Staff presenters are listed in bold.

Boco, Adebiyi G. Country's Official Language and Changes in Child Mortality Rates in Sub-Saharan Africa. Paper presented at the Population Association of America (PAA) 2023 annual meeting, Session 105: Language, Literacy, and Health, New Orleans, Louisiana, USA, April 12-15, 2023.

Boco, Adebiyi G. Economic Impacts of Loneliness and Interventions to Address Loneliness in Young Adults: A Scoping Review. Oral presentation at the Prentice Institute Speaker Series, University of Lethbridge, Lethbridge, April 26, 2023.

Samuel Ofori Dei, Lisa-Marie Swanepoel; Presenter: Lars Hallstrom. Understanding our workplace presentation derived from. Qualitative Data Report on Equity, Diversity, and Inclusion of the City of Lethbridge 2021. May 2023.

L. Hallstrom and C. Banack "the It's not me it's you: The inertial populisms of Alberta." Canadian Political Science Association Annual Meeting. May 2023.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. "Intersectional Marginalization and Newcomer Experiences in Rural Canada." Canadian Association for Refugee and Forced Migration Studies, Federation for the Humanities and Social Sciences Congress, Toronto, ON, May 27-June 3, 2023.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. "Reconceptualizing the Rural Refugee Problematique: "The Refugee" as the Demonstrative Case for Policy Inertia in Canada." Canadian Political Science Association Conference, Federation for the Humanities and Social Sciences Congress, Toronto, ON, May 27-June 3, 2023.

Boco, Adebiyi G. Does Place of Residence Matter? Rural–Urban Differences in Gender Digital Divide in Internet Access Among Canadian Adults. Abstract accepted for oral presentation at the Canadian Rural Revitalization Foundation (CRRF) Conference 2023, University of Lethbridge, Lethbridge, June 20-23, 2023.

Boco, Adebiyi G., Hallstrom, Lars K., Ofori Dei, Samuel M., Swanepoel, Lisa-Marie, **Wilson, Brie.** Economic Impacts of Loneliness Among Young Adults: A Scoping Review. Poster accepted for presentation at the Canadian Population Society 2023 Annual Meeting, York University, Toronto, May 31– June 2, 2023.

Boco, Adebiyi G., Hallstrom, Lars K., Ofori Dei, Samuel M., Swanepoel, Lisa-Marie, Wilson, Brie. A Scoping Review of Economic Impacts of Loneliness and Interventions to Address Loneliness among Young Adults. Poster accepted for presentation at the Canadian Rural Revitalization Foundation (CRRF) Conference 2023, University of Lethbridge, Lethbridge, June 20-23, 2023.



Staff member authors are listed in bold.

Henrietha C. Adandom & Sam M. Ofori-Dei. "Health and well-being of Hutterite farmers in Alberta: Results from the Sustainable Farm Families Alberta Program." Canadian Rural Revitalization Conference, Lethbridge, Alberta, June 20-23, 2023.

Lars Hallstrom, Clark Banack, **Josh Passey**. Alberta's Unique Populism; A Historiographical Examination of Populist Legislation in Alberta. Poster presentation at Canadian Rural Revitalization Conference, Lethbridge, Alberta, June 20-23, 2023. Presentation at CPSA in either 2023 or 2024 (TBD).

Yarmey N, Hallstrom L, Buse C. Jun 2023. "Quantifying the Cumulative Impacts of Land Use in Alberta Using the "EnviroScreen" Method." Canadian Rural Revitalization Foundation (CRRF) Annual Conference. Lethbridge, AB. Oral presentation.

Haugen, Stacey, Rachel McNally, and Lars Hallstrom. "Moving in as a Refugee: Experiencing a Rural Welcome and Facing Rural Challenges." Canadian Rural Revitalization Conference, Lethbridge, Alberta, June 20-23, 2023.



Work Integrated Learning

Since the Fall 2022, Associate Director Dr. Andrea Cuellar has been developing a Prentice Institute Work Integrated Learning (WIL) program. This responds to recommendations of the most recent Quality Assurance Review (QAR), specifically, to increase the involvement of undergraduate students in the activities of the PI, and to expand the academic/ educational contribution of the Institute while recognizing that it is not an academic unit. In addition, a WIL program represents a channel through which to stimulate Research Affiliate engagement, and though which to foster external collaborations and partnerships. The development of the PI WIL program is also in alignment with the University's 2014-2022 Strategic Plan, as it promotes:

- Experiential opportunities and "connections with the diverse communities we serve."
- Empowerment of students with "broader knowledge that prepares them to think critically and creatively, communicate clearly, solve complex problems, and contribute fully to society."
- Sharing "with our communities our research, scholarship, creative activities, facilities, resources, and initiatives."



THE PRENTICE INSTITUTE-CITY OF LETHBRIDGE WIL PARTNERSHIP

Through a partnership with the City of Lethbridge City Scholars Program, the PI seeks to establish a broad platform for ongoing cooperation through student training and research collaboration between faculty and City staff. Applied practice in an urban municipality provides students with a valuable training experience, while the City has the opportunity to shape the next generation of urban planners, policymakers, and innovators. In turn, the potential for research co-led by faculty and staff expands the spectrum of local and community-based research opportunities for faculty and students.



the Prentice Institute for Glabal Population and Economy

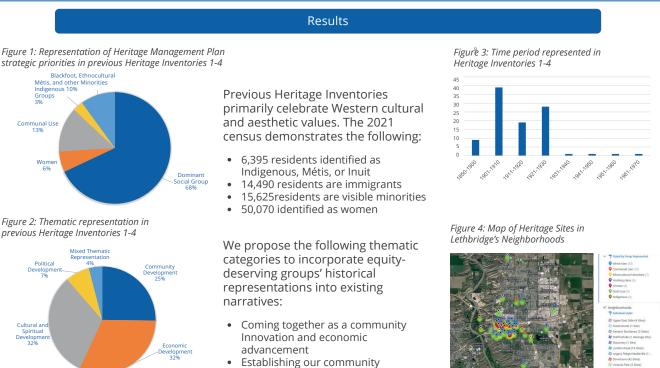
Assessing Equity, Diversity, and Inclusion in Lethbridge's Heritage Inventories Using a System Plan Approach: A Thematic Analysis

Hannah Laberge & Brie Wilson

Background & Objective

- The City of Lethbridge has completed 4 Heritage Inventories. This project is in preparation for Heritage Inventory 5.
- In 2023, The City adopted a new Heritage Management Plan (MHP), which identifies the need to prioritize Indigenous heritage, among other underrepresented groups such as women, racial and ethnic minorities, and the 2SLGBTQIA+ community.
- System Plan Approach: Provides a framework for identifying heritage resources through the analysis of the City's heritage resources against demographic and historical profiles of the City to assess whether current designations represent the population and history.
- 1. Heritage matrix: an overview of the City's current heritage resources, which will be cross-referenced against research and narrative themes related to underrepresented groups.
- 2. Gap Analysis: identifying under-represented narratives in Lethbridge's heritage matrix.

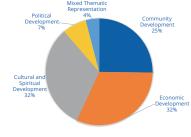
Objective: Perform a thematic analysis to identify representation gaps in the City of Lethbridge's previous Historic Inventories.



Celebrating diversity



Figure 2: Thematic representation in previous Heritage Inventories 1-4





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Assessing Equity, Diversity, and Inclusion in Lethbridge's Heritage Inventories Using a System Plan Approach: A Thematic Analysis

Hannah Laberge & Brie Wilson

Methods

Framework: Braun & Clarke's (2006) thematic analysis framework:

- 1. Become familiar with the data
- 2. Generate initial codes
- 3. Search for themes
- 4. Review themes
- 5. Define themes
- 6. Draft manuscript

Data sources: City of Lethbridge Heritage Inventories 1-4, historic resource designations

- Data on 86 heritage resources were coded.
- Four thematic categories were inductively identified based on Parks Canada's 2000 systems plan.
- Data was also categorized according to the demographic group represented in the heritage resources, as determined by the corresponding Statement of Significance.
- Representation of heritage resources was compared to the HMP's strategic priorities and population data.

Results

Heritage resources can attract talented individuals (Backman & Nilsson, 2018) and promote community cohesion by co-creating shared narratives (Donaldson, 2017). The cocreation of inclusive heritage may retain postsecondary students, reducing student turnover. A rich historical catalogue may increase tourism, a goal highlighted in the City of Lethbridge Municipal Development Plan.

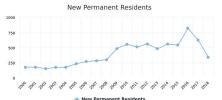


Figure 8:Lethbridge Demographics. Retrieved from https://townfolio.co/ab/Lethbridge/demographics

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Conclusion: Intersectionality in Heritage Management

Power structures such as colonialism, classism, and heteropatriarchy influence historic preservation. Race, class, sexuality, and gender are intersectional forces; depicting each aspect of identity as a separate priority may flatten the historical record. The City is tasked with representing equity-deserving groups as complex community members, contributing to various aspects of history. Notably, women are primarily represented as caregivers, thus effacing their economic and political achievements.

McKillop United Church is a potential historic place exemplary of the strategic priorities. McKillop United Church is representative of 2SLGBTQIA+ community development and a site for intersectional community work, hosting Syrian refugees, an abused women identification program, and services for unhoused populations.



https://www.faithcommongood.org

Figure 6: MckillopUnited Church, Retrieved from



Figure 7: Pride sign at MckillopUnited Church. Retrieved from https://www.mckillopunited.ca

Acknowledgements

This material is based on work supported by the City of Lethbridge and the Prentice Institute. The authors would also like to thank Ross Kilgour, Senior Community Planner and Andrea Cuéllar, Associate Director of the Prentice Institute for their continued support.





IDEA OF PLACEMAKING IN PUBLIC REALM DESIGN

Best Practices in Canada

Kianna Turner, Amy Cran, Isabella Lee

INTRODUCTION

- September -December, 2022.
- Applied study with the City of Lethbridge.
- Research and analysis of concepts, practices, and City policies relating to IDEA (inclusion, diversity, equity, access) and placemaking in public realm enhancement projects.
- Compiled a document outlining our findings and best practices seen in other municipalities for the City of Lethbridge to build upon according to the City's unique demographics, needs and goals.

PLACEMAKING BENEFITS AND OUTCOMES



Gain Visualize Plan For Input Ideas Action

- Community-driven
- Collaborative
- Adaptable
- Inclusive
- Creative
- Context-specific
- Dynamic
- Transformative

INDIGENOUS PLANNING CONTRIBUTION TO PLACEMAKING

- Placemaking can share what makes our community unique—in this case, by highlighting the histories of Indigenous community members and expanding the representation of diverse community voices.
- Placemaking may "highlight what is hidden," in this case, by disrupting Lethbridge's settler colonial history and highlighting Blackfoot connections to this land.
- Indigenous Planning begins with a commitment to relationships and recognizes the importance of these by taking a Seven Generations view;
- similarly, good placemaking requires strong participation from the community.
- Indigenous Planning challenges placemaking to account for and include Traditional Knowledge throughout the planning and implementation stages and to prioritize land stewardship.





Placemaking is a multifaceted planning process focusing on citizens and the various ways they use and desire to use places.

FINDINGS

The main goal of placemaking is to capitalize on local assets through the collective reimagining of a place. People are, therefore, the core stakeholders; it is through their discourse and envisioning that public spaces become meaningful. Public spaces are central to the overall well-being of a population.

Final recommendations within the document: **Evaluation Tools**

- Lighter, quicker, cheaper philosophy.
- Review existing placemaking projects completed by the City.
- Continued re-evaluation and long-term improvements of projects and spaces.

Increase Community Involvement

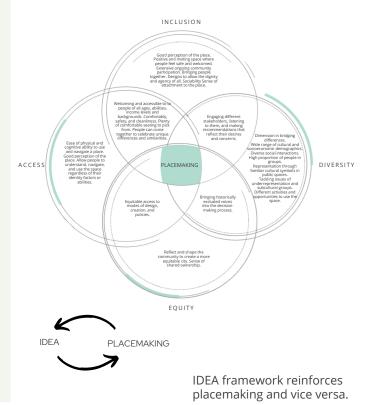
- Create a tool-kit for citizens to use so they have guiding principles and feel empowered to create their own placemaking projects.
- Provide micro grants to encourage community-led projects.
- Have a supply of items that citizens can borrow for short periods to facilitate a project.

Incorporate Indigenous frameworks

- Consider how guiding frameworks in reconciliation may inform placemaking best practices in terms of both content and process.
- Work closely with Indigenous community members to determine what projects are desired or suitable, and how the planning process should be adopted to be meaningful and meet their needs.
- Be deliberate with goals around reconciliation and decolonization: understand their meanings and implications, and avoid tokenizing.
- Recognize that reconciliation is a process with no clear "end" in sight, and that decolonization is not a metaphor.

IDEA WITHIN PLACEMAKING

IDEA is woven into all dimensions of the placemaking process. This diagram provides examples of how IDEA framework overlaps in placemaking to enrich and engage people in collaborative and inclusive ways.





STEPS taken to inform the RFQ for a COMPREHENSIVE SITE PLAN Kirsten Hironaka

PROCESS MATTERS

2020



- Researched examples of CSPs
- Identified statutory and guiding plans relevant to the project area

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- Outlined Goals and Objectives for the current CSP
- Outlined further information needed to understand the site dynamics





Plan Area Brief

Project Background and Context Site Description

History, Topography, Ecology, Environment, Land use and Ownership, Inventory of Buildings, Economic, Social and Cultural, Plans, Connectivity and Accessibility



Project Procurement Plan

- Summary for council
- Outline of project purpose
- Overview of project scope,
- timelines, and budget

RFQs

66 tell a coherent story about the work to be done and what respondents need to consider 99

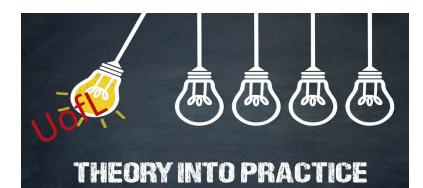
AND

66 have to be clear about what their organization needs, what it wants and what is possible 99

ALBERTA PROFESSIONAL PLANNERS INSTITUTE



STEPS taken to inform the RFQ for a COMPREHENSIVE SITE PLAN Kirsten Hironaka





POLI 1000 -Intro to Political Science

Participation in the preparation of documents used to inform municipal officials for decision making.

Lethbridge Lethbridge the Prentice Institute

GEOG 1000 –Intro to Physical Geography Apply understanding of landscapes, soils, climate, weather to the planning process. **GEOG 2535 –Introduction to Planning** Experience with the planning and coordination of development projects within the City of Lethbridge.

GEOG 3230 -Urban Social Geography
Observe how urban social needs are addressed through the planning process.
GEOG 4500 -Fundamentals of Urban Design
Application of Site analysis to inform an RFQ for a comprehensive site plan.

Takeaways

- All municipal departments participate in planning. Understanding context and desired outcomes is critical to the RFQ process.
- Inclusion, diversity, equity, and access play an important part in the planning process.
- Planners write the story to be published in the urban environment.

Kirsten Hironaka

University of Lethbridge

Urban and Regional Studies



Lethbridge

Stories From The Warehouse District

Peter Gorombey University of Lethbridge

Introduction:

This Project was a Part of the Warehouse District Redevelopment Plan. The goal was to conduct research into the Warehouse district and compile findings into a report which consultants of the city could draw upon for future heritage projects in the area.



Map of the Warehouse District

Method:

I began with researching archival sources available at the Galt museum looking at the development of the Warehouse District looking for recurring names of people and businesses and from there delved further into newspapers and census data for more information to tell the stories of people and businesses in the area. Frederick Gow(left) in MacDonald A. Company General Store in 1904.





Lethbridge

Stories From The Warehouse District

Peter Gorombey University of Lethbridge

Research:

Beatrice A. Raby

- Lived at 1216 3rd Ave between 1940-1950
- Owned and Operated The Linen Shoppe

Robert Lindsay

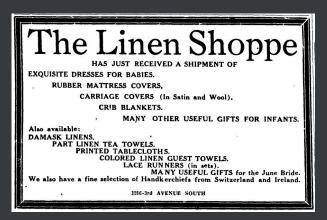
- Lived at 1220 3rd Ave South between 1925 and 1935
- Born in Ireland
- Was a Sailor, Fireman and Soldier in WW1

Vasile Constantinescu

- Born in Romania
- Owner of Union Repair Shops at 1238 3rdAve South between 1925 and 1953

Loo Kew

- Lived at 1216 3rdAve between 1952 and 1959
- Owner of K+P Restaurant at 1217 3rd Ave South between 1957 and 1959



(Above): An advertisement for the Linen Shop in the Lethbridge Herald in 1942

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Lethbridge

Community Lab applied study with the City of Lethbridge

Taylor Manns and Kianna Turner

SITE SUMMARY

About: Owned by the Chinese National League Society of Lethbridge. In 2011, their chapter building was demolished.

Location: 309 2nd Avenue South, Lethbridge, in the historical Chinatown District of Downtown.

Measurements: Approximately 7.5m wide and 38m deep and an area of 0.07 acres (290 m2).

Zoning: C-D, Downtown Commercial development, which allows for the zoning of a variety of commercial, residential, institutional, cultural and recreational uses.





Aerial map of water lines (dark blue)

Aerial map of site boundaries (light blue) and gas lines (yellow lines)

*There is evidence of in-ground water lines on the site, however, they are not apparent on the map.



OVERVIEW

This project focuses on co-producing a public realm enhancement project to commemorate the Chinese National League Society (CNLS) and their history in Lethbridge. The site revitalization must honour the representation of Chinese history that the CNLS deems important to highlight in Lethbridge. The priority is facilitating the CNLS's vision for the site; this approach aligns with several City of Lethbridge policies already in place.

CITY POLICY SUPPORT

Downtown Area Redevelopment Plan Heart of Our City Master Plan Public Realm and Transportation Study Municipal Development Plan



Lethbridge

Community Lab applied study with the City of Lethbridge

Taylor Manns and Kianna Turner



COMPLETED DURING SPRING 2023

- Artist-led Engagement Brief
- Decolonizing Planning Brief
- Economic Impact and Relevancy of Chinatowns Report
- Plan Area Brief
- Planning History of Chinatowns
- Statement of Work

GUIDING FRAMEWORKS

IDEA: Inclusion, Diversity, Equity, Access

Addressing systemic barriers and biases by promoting fairness, respect, and equal opportunities for all individuals and groups, regardless of their background, ability, or identity.

Decolonizing Planning

Acknowledging and challenging the historical and ongoing impacts of colonialism embedded within planning practices and policies.

Critical Heritage Perspective

Recognizing the historical, political, economic, and social factors that shape our understanding of the past to promote critical examination of power dynamics that influence what is preserved as heritage, who benefits from it, and whose histories are left out.

Placemaking

Collaborative process of transforming public spaces into a vibrant and inclusive place that reflects the community's needs, values, and aspirations.





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Photo by Nick Yarmey

