



the Prentice Institute
for Global Population and Economy

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Prentice Institute for Global Population and Economy: Request for Proposals

2022

Application deadline: March 1, 2022

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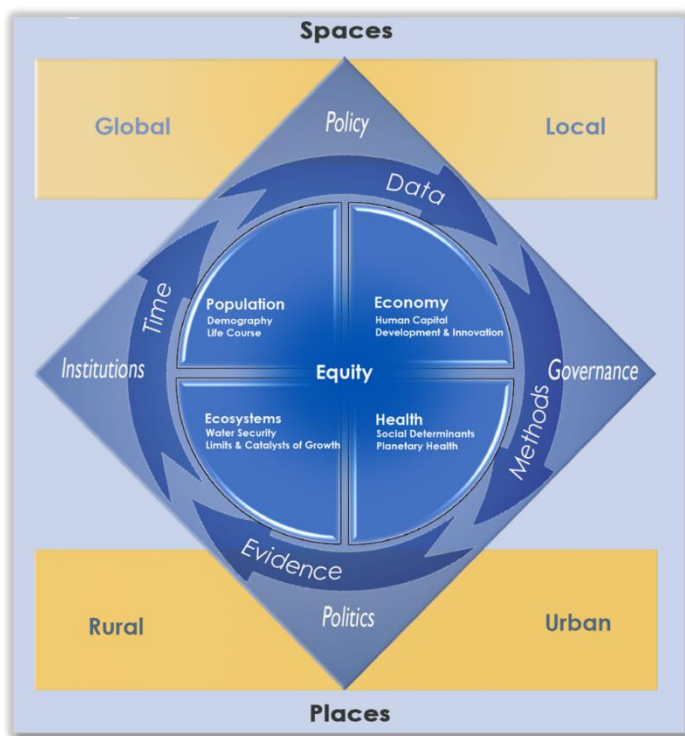
Summary

The Prentice Institute for Global Population and Economy is announcing a second release of four different funding streams with the broader goals of: (1) conducting research on the changing human populations and the potential impacts on social, environmental, and economic issues; (2) seeking to understand long-term changes in human and economic environments, within an historical context, with particular attention to the role human actions play in influencing these outcomes; and (3) communicating Institute and Affiliate work to stimulate further research and to enable individuals, governments, and corporations to make better-informed decisions.

Those funding streams are:

- The Prentice Institute Knowledge Synthesis Grant (up to \$10,000);
- The Prentice Institute Research Seed Grant, (up to \$8,500);
- The Prentice Institute Research Affiliate Fund, (up to \$20,000); and

Funding is available to support multiple grants in each stream, but applicants cannot hold more than one grant from any stream simultaneously.



Eligibility

Eligibility for these funding opportunities is limited to University of Lethbridge-based Affiliates of the Prentice Institute for Global Population and Economy. Funding for “bench” science, travel, events, hosting or visiting scholars is not usually considered eligible.

Application and Deadline

Applicants should complete the proposal, with attachments, as a single-spaced, 12pt font document, and send in PDF format to prentice@uleth.ca. Please include the appropriate acronym for the funding stream you are applying for in the subject line. For questions about the application process, or to discuss the

potential fit and alignment of the proposal with the mandate and operations of the Institute with the Director, please contact the Institute at prentice@uleth.ca or (403)-380-1814.

Applications are due no later than 5pm, March 1, 2022.

Prentice Institute Knowledge Synthesis Grant (PIKSG)

1. Description & Objectives

This funding stream will support a small number of very targeted projects using knowledge synthesis methodologies (meta-analyses, systematic reviews, scoping reviews, etc.) to: (a) assess the current state of knowledge; (b) identify gaps, bias or opportunities; (c) identify key or consistent results, methods or practices; and (d) inform new research activities. The grants are limited to the synthesis of subjects that are aligned with the research priorities of the Institute and may be considered a pathway to future applications to comparable programs (e.g., the SSHRC KS grants). Primary research (including data collection) and/or travel (other than a modest amount (15%) for knowledge mobilization) will NOT be supported from this fund.

Priority will be given to projects that integrate equity considerations (social, economic, health or environmental) within the themes identified above.

The maximum amount per grant is **\$10,000 over one year**.

2. Eligibility

Research Affiliates of the Prentice Institute with an academic appointment at the University of Lethbridge are eligible to apply as project leads. Additional members of the research team are not required to be Prentice Affiliates.

3. How to Apply

To apply, the nominated principal applicant will send a completed application in a single PDF to prentice@uleth.ca by March 1, 2022. A complete application will include 5 components (5 pages excluding budget justification):

1. Statement of intent: (50%):

Background

- Critically assess the state of knowledge of the theme, project, or research under consideration from a variety of sources, as appropriate.
- Describe the rationale for the review in the context of what is already known.
- Provide an explicit statement of the question(s) the review will address.

Methodology

- Name and justify the method(s) of knowledge synthesis that will be used (e.g., scoping review, systematic review with or without meta-analysis). and whether the review will be registered with an appropriate body before it begins (e.g., PROSPERO).
- Describe the eligibility criteria for the review (e.g., what study designs, populations, outcomes, etc. will be eligible for inclusion in the review).

- Describe the information sources that will be searched for the review (e.g., the specific academic and/or grey literature databases that will be searched).
- Describe the search strategy (providing a completed search strategy for one of the databases that will be examined is recommended in an appendix).
- Describe the mechanisms for article screening, selection, assessment and management that will be used. Note the programs that will be used to facilitate these steps where relevant (e.g., Covidence, GRADEpro).
- List and define the variables for which data will be extracted across selected articles.
- Describe methods for risk of bias assessment within individual studies if relevant.
- Describe methods for data summary and synthesis across the studies included in the review. As part of this, describe how the strength of the body of evidence will be assessed

Knowledge Mobilization

- Use effective knowledge mobilization methods to facilitate the sharing of research findings with cross-sectoral stakeholders including Indigenous rights holders where relevant.

2. Alignment with the mandate of the Prentice Institute (20%):

- Clearly state how the theme, project, or research connects to the mandate and priorities of this call.
- Describe any resources and/or participation you will share with the Institute, if applicable.

Team composition

- Please provide a brief paragraph outlining the skills and contributions of each team member.

3. Team members and qualifications (if applicable) (10%)

- Please attach an abbreviated CV (last 5 years) for all team members that emphasizes research contributions and training of students.
- Briefly describe any current funding that is directly connected to the theme, project, or research identified in the proposal, if applicable.

4. Brief knowledge mobilization plan (10%)

5. Budget and budget justification (10%)

Provide a one-page budget and budget justification. Applications must include a clear justification for each budget item. Student trainee and personnel costs must include each employee's title, the work to be performed, the estimated number of hours to be worked, and the rate of pay per hour (including 15% benefits). Rate of pay must meet at least the minimum standards set by the university. Travel costs should not usually exceed 15% of the project total, must be well justified, and include the specific purpose of the travel as it relates

to knowledge mobilization, mode of travel, cost of meals and lodging, and the number of days of the travel. Proposals that do not follow these guidelines will not qualify for review.

Review Process

Applications will be reviewed by the Prentice Institute Research Advisory Committee. Applications will be assessed based on the:

- Clear justification for the relevance and importance of the project.
- The fit of the project with the Prentice Institute mandate and areas of focus.
- Evidence of necessary expertise and qualifications (including training, experience and independence, relative to career stage).
- Project feasibility.
- Appropriateness of the budget and justification for the amount requested.
- Appropriateness and adequacy of the proposed knowledge mobilization activities to accelerate availability of high quality, real-time evidence and research data for translation of research into policy, practice, and/or clinical guidelines.

Other Information

Upon completion, successful candidates will be expected to:

- Submit an executive summary of their KS project and results (1 page).
- Submit a summary or policy brief of their KS project and results (3 pages).
- Submit a full report of their KS results (25 pages).
- Provide a presentation to the Institute and stakeholders as part of the Institute's Seminar Series (or similar).

Applications will be adjudicated by the Prentice Institute Research Advisory Committee using the weighting identified above. Successful applicants are asked to acknowledge the funding and support of the Institute in any subsequent publications, presentations or affiliated material.

Questions

Questions can be addressed to Lars Hallstrom at prentice@uleth.ca or at (403)-330-1814.

Prentice Institute Research Seed Grant (PIRSG)

1. Description & Objectives

This funding opportunity is part of the Prentice Institute for Global Population and Economy's set of granting awards at the University of Lethbridge. Broadly, the mandate of the Prentice Institute is to conduct and support research focused on changing human populations and the potential impacts of these changes on social, environmental, and economic factors. The Institute also conducts and supports research on long-term changes in human and economic environments, with an emphasis on the role human actions play in influencing these outcomes. From the perspective of knowledge translation, the Institute also seeks to communicate research in effective ways to communities, governments, organizations.

Within the context of this mandate, the Prentice Institute funds research projects focused on one or more of the following areas (1) Populations, (2) Economy, (3) Ecosystems, and (4) Health. The objective of the Prentice Institute Seed Grant is to foster the development of projects across institutions and organizations focused on one or more of these core areas, and that address a clear research-related knowledge gap or need.

The maximum amount per grant is **\$8,500 over one year**.

2. Eligibility

Research Affiliates of the Prentice Institute with an academic appointment at the University of Lethbridge are eligible to apply as project leads. External affiliates and collaborators are eligible for inclusion in research teams. Funding for "bench" science, extensive travel, hosting or visiting scholars is not usually considered eligible. Eligible projects may include knowledge synthesis and scoping activities, pilot or demonstration projects, partnership-based knowledge mobilization activities, and smaller-scale research development projects.

3. How to Apply

To apply, the nominated principal applicant will send a completed application in a single PDF to prentice@uleth.ca by March 1, 2022. A complete application will include the following components:

1. **Abstract** should include a succinct description of the research written for an intelligent reader who is relatively uninformed in the field of study. *The abstract must not exceed ½ page.*
 - Define the scope, purpose and limitations of the project.
 - Comment on the potential significance of the study to the Prentice Institute, the discipline, researcher, and/or society at large.
2. **Detailed Description** should describe the proposed research in a narrative style with headings for the sake of clarity. *The detailed description should be a minimum of three, and a maximum of four pages (double-spaced, 2.5 cm margins) and must address the following points:*
 - The problem or subject to be researched. Define the problem clearly and concisely, providing any background information essential to understanding the importance of the work. Include a statement of the potential significance, future use, relevance or application of the results, and an explanation of how the results will be disseminated.
 - State the hypotheses or theoretical framework. The choice of methodology, data to be collected, the structure and procedure of experiments, and analysis to be done, are all to some extent based on assumptions, theoretical considerations or hypotheses. A statement of these is essential to understanding the proposal.
 - State what is to be done (by whom--the researchers, or other personnel), how and when. For applications submitted by multiple applicants, indicate the role of each applicant in the proposed research. Set out and describe the methods and procedures that will be used (how the research will be done), and the sequence of events. Also indicate the resources required, personnel, facilities, equipment, materials and others, with emphasis on those items included in the budget.
 - Identify those potential sources of funding that might be more successfully accessed to further related research if this seed project is successful.
 - Please Include references, where appropriate (not included in page limit).
3. **Publications & Prior Research:** Provide a short CV listing each applicant's education, recent (5 years) relevant publications, and prior research activity, or attach each applicant's current SSHRC Personal Data Form.
4. **Other Funding for this Application:** Provide information regarding other granting agencies or sources from whom you have received, requested or plan to request funding for this research. Include the name of the granting agency, the status of request, and the amount requested or awarded.

5. **Budget:** Provide a budget and concise justification. Personnel costs must include each employee's title and type of work to be performed, the estimated number of hours/months to be worked, and the rate of pay per hour/month plus 12% benefits. *The budget must not exceed one page.*

- **Travel costs**, if any are to be considered, must be itemized, and include the purpose of the travel for each destination, all affiliated costs (including in-kind if applicable) and the duration of travel.

Review Process

All applications are reviewed by the Prentice Institute Research Advisory Committee.

The criteria used to evaluate applications are as follows:

- Fit with the mandate of the Prentice Institute;
- Overall merit of the research proposal;
- Originality and significance of the proposed research, including suitability of research strategies/methods, importance of the overall research program, suitability of the timetable;
- Likelihood of project developing into an externally fundable project;
- Research record of the applicant/lead researcher;
- Training of graduate students;
- Justification of the proposed budget;

Other Information

Upon completion, successful candidates will be expected to:

1. Submit an executive summary (1 page).
2. Submit a summary of the project (3 pages).
3. Submit a full report of the project.

Use of Funds:

- A grant may be used to pay for research assistants, but neither a grantee nor a member of the grantee's family may receive remuneration.
- A grant may be used to pay for travel directly related to research, including travel by research assistants in the performance of their assigned duties.
- Other items necessary for research may be considered for funding at the discretion of the Prentice Institute Research Advisory Committee.
- Research projects requesting retroactive funding, extensive travel, or for teaching development will not be considered.

Questions

Questions can be addressed to Lars Hallstrom at prentice@uleth.ca or at (403)-330-1814.

Prentice Institute Research Affiliate Fund (PIRAF)

1. Description & Objectives

This funding opportunity is part of the Prentice Institute for Global Population and Economy's set of granting awards at the University of Lethbridge. Broadly, the mandate of the Prentice Institute is to conduct and support research focused on changing human populations and the potential impacts of these changes on social, environmental, and economic factors. The Institute also conducts and supports research on long-term changes in human and economic environments, with an emphasis on the role human actions play in influencing these outcomes. From the perspective of knowledge translation, the Institute also seeks to communicate research in effective ways to communities, governments, organizations.

Within the context of this mandate, the Prentice Institute funds research projects focused on one or more of the following areas (1) Populations, (2) Economy, (3) Ecosystems, and (4) Health. The objective of the Prentice Institute Research Affiliate Fund is to foster the development of projects across institutions and organizations focused on one or more of these core areas, and that address a clear research-related knowledge gap or need.

The maximum amount per grant is **\$20,000 over two years**. In exceptional cases and with detailed justification, funding of up to \$30,000 may be available for this round of projects only, subject to availability of funds and review.

2. Eligibility

Research Affiliates of the Prentice Institute with an academic appointment at the University of Lethbridge are eligible to apply as project leads. Additional members of the research team are not required to be Prentice Affiliates. To determine if you are eligible to become a Prentice Affiliate, and to apply, please contact prentice@uleth.ca. Projects must be directly related to the Prentice mandate to be considered for funding.

Funding for "bench" science, travel, events, hosting or visiting scholars is not usually considered eligible.

3. How to Apply

To apply, the nominated principal applicant will send a completed application in a single PDF to prentice@uleth.ca by March 1, 2022. A complete application will include the following components:

1. A **Research Summary** (maximum 1 page) that provides a succinct description of the research written for an intelligent reader who may not be an expert in the field of study. The research summary must include the following subsections:
 - Background and objectives
 - Prentice Institute Mandate fit and rationale
 - Methods
 - Team and feasibility
 - Potential impact
2. A (four-page) **Detailed Description** that describes the proposed research in a narrative style with headings for clarity, with the following sections:
 - **Background:** The problem or subject to be researched. Define the problem clearly and concisely, providing any background information essential to understanding the importance of the work (and the proposed theoretical framework if relevant).
 - **Objectives:** State the research questions, study objectives, or hypotheses.
 - **Prentice Institute Mandate Fit:** Describe how the project fits with the Prentice Institute Mandate.
 - **Methods:** Describe the study methods including how data will be collected, from whom, how ethics approval and informed consent will be obtained if relevant, the measures that will be used, and the analysis strategy for data collected.
 - **Limitations:** Describe potential study limitations, and how they will be addressed or minimized.
 - **Team and feasibility:** Describe the expertise/experience on the team related to the topic area. Describe who will conduct the various research tasks outlined in the Methods and when (a project timeline or gantt chart is recommended). Discuss the feasibility of completing the project tasks within the timeline specified.
 - **Trainees:** Explain how student trainees may be employed on the project at the undergraduate or graduate level, and how they may benefit from their work on the project.
 - **Knowledge Mobilization:** Describe the knowledge mobilization strategy.
 - **Potential impact:** Describe potential study impacts, future use, relevance, or application of the results, including the gap the findings may address in your field of study.
3. **CV:** Submit a short CV (or common CV) for each applicant that lists: (1) education, (2) publications in the past 5 years (accepted, in print, or published only), and (3) funded research studies in the past 5 years.

4. Budget: Provide a (maximum) one-page budget, and a separate one-page budget justification. Applications must include a clear justification for each budget item. Student trainee and personnel costs must include each employee's title, the work to be performed, the estimated number of hours to be worked, and the rate of pay per hour (including 15% benefits). Rate of pay must meet at least the minimum standards set by the university. Travel costs must be well justified and include the specific purpose of the travel as it relates to the research project or its dissemination, mode of travel, cost of meals and lodging, and the number of days of the travel. Travel costs will be evaluated to ensure project relevance and the quality of the justification for the travel. Projects with budgets that are primarily travel would be better suited to other funding sources.

Review Process

Applications will be reviewed by the Prentice Institute Research Advisory Committee. Applications will be assessed based on the:

- Clear justification for the relevance and importance of the project, including the knowledge gap it seeks to address.
- The fit of the project with the Prentice Institute mandate and areas of focus.
- Evidence that the team has the necessary expertise and qualifications (including training, experience and independence, relative to career stage) in the proposed areas of research and with the proposed methodology/ies to achieve the research objectives.
- Project feasibility.
- Appropriateness of the budget and justification for the amount requested.
- Appropriateness and adequacy of the proposed knowledge mobilization activities to accelerate availability of high quality, real-time evidence and research data for translation of research into policy, practice, and/or clinical guidelines.

Other Information

Upon completion, successful candidates will be expected to:

1. Submit an executive summary (1 page).
2. Submit a summary of the project (3 pages).
3. Submit a full report of the project.

Use of Funds:

Funds may be used to pay for research assistants and student trainees, but neither a researcher nor a member of the researcher's family may receive remuneration. The research fund may be used to pay for travel directly related to research, including travel by research assistants in the performance of their assigned duties. Projects with budgets that are primarily travel would be better suited to other funding sources.

Questions can be addressed to Lars Hallstrom at prentice@uleth.ca or at (403)-330-1814.

Conditions of the Awards

Funds may be used to pay for research assistants and student trainees, but neither a researcher nor a member of the researcher's family may receive remuneration. The research fund may be used to pay for travel directly related to research, including travel by research assistants in the performance of their assigned duties. Extensive travel costs (50% or more of the award) must be clearly justified (and may require re-submission or re-assessment).

Grant funds may be used only for the project and purposes described in the application, subject to any special conditions given in the Request for New Fund form. Special conditions may include human subject research approval, expenditure limitations, etc. – the management of all funds is expected to be compliant with the Tri-Agency Guide on Financial Administration.

Expenses: Expenditures may be made only for those cost elements identified in the application or as limited in the Request for New Fund form. Minor transfers of funds from one budget category to another may be permitted. Major transfers or the use of funds for a previously unspecified expense or a new budget item requires prior approval by the Prentice Institute.

Term: The usual term of an award is twelve to eighteen months or less, in accordance with the applicant's request. Requests for extensions should be submitted to the Research Advisory Committee. The total term, including any extension, may not normally exceed twenty-four months.

Reports: A final report on the work funded by the Prentice Institute must be submitted within six months of the termination date.

Acknowledgment: The Prentice Institute must be named in any grant submission and be acknowledged in all research outputs.

Equipment & Library Acquisitions: Equipment or library materials such as books, journals, reports, microfilm, etc., acquired with grant funds are the property of the Institute. Upon completion of the project, these items are to be transferred to the control of the applicant's Department or the Institute, or University Library, or to some other Department or unit within the University.

Personnel: Personnel employed with grant funds are not regular University employees and are not covered by the provisions of the collective agreement with support staff.

If ethics approval is required, confirmation of ethics approval must be submitted to the Institute (prentice@uleth.ca) and the Office of Research Services within 90 days (3 months) of the date of award. Failure to do so could result in a reduction or loss of the awarded amount. Any grant that has not been initiated within 6 months of the date of award will be returned to the Institute.

NOTE: The goal of these grants is not just to facilitate increased research activity, but to increase and improve interaction between Affiliates and the Institute. Successful applicants will be asked to present their work as part of an Institute event, speaker series or similar opportunity, and may also be asked to consider contributing their results to publications, knowledge dissemination and mobilization products, and Institute' communications.