



Request for Applications

TRANSLATIONAL POPULATION HEALTH RESEARCH AWARDS

**A JOINT INITIATIVE
BETWEEN**

**IU RESEARCH
INDIANA UNIVERSITY BLOOMINGTON**

AND THE

**INDIANA CLINICAL AND TRANSLATIONAL SCIENCES INSTITUTE
(ICTSI)**

ELECTRONIC RECEIPT DATE: April 3, 2023

*Please note that you will be submitting through the Indiana CTSI's grants management software
WebCAMP.*

*The WebCAMP user's guide is available under the funding announcement here:
<https://indianactsi.org/translational-research-development/open-funding-opportunities/>*

Modified August 2022

INFORMATION FOR APPLICANTS

GENERAL INFORMATION

Population health research advances the promotion and protection of the health of communities and populations, emphasizing healthy lifestyles, social determinants of health, and health care equity, quality, and accessibility. To facilitate this approach, IU Research at Indiana University-Bloomington, in partnership with the Indiana Clinical and Translational Science Institute (CTSI) is accepting applications for the Translational Population Health Research Award program. Applications may focus on any aspect of population health, but meritorious projects should result in an external submission to USDA, NSF, NIH, DoD or comparable agency and ultimately lead to the improvement of population health outcomes. In demonstration of the strong belief that problems are best solved collaboratively, these applications require a partnership between an IUB faculty member and a community or public health liaison (e.g., non-profit organization, local public health department) external to IUB, or a collaborator at another Indiana CTSI partner institution.

WHO MAY APPLY (ALSO SEE RESTRICTIONS SECTION BELOW)

Only full-time tenure-track faculty members at the Assistant or Associate Professor level at IUB are eligible as lead principal investigators (PIs), although the team may include full-time non-tenure-track faculty members. Faculty members from any IUB school are encouraged to apply.

The team must include a community partner or other Indiana CTSI collaborator external to IUB. PIs are strongly encouraged to include other Indiana CTSI affiliate faculty but this not a requirement. Collaborations need not be established prior to submission but should demonstrate the equal contribution of each team member and how synergism will be achieved.

Applications are expected to have a maximum requested amount of \$50,000/year for **two years for a total of \$100,000**.

RESTRICTIONS

1. Facilities and Administrative costs, or indirect costs, will not be allowed.
2. Requested grant funding period cannot exceed **24 months**.
3. Salary support for PI or collaborators may not be requested, nor may budgets include buyouts for teaching time.
4. Travel beyond what is necessary for the performance of the project will require a detailed justification.
5. Supplies and other costs must relate directly to performance of the project.
6. All costs should be specifically justified within a 1.5 page limit in the application.

APPLICATION SUBMISSION

Full Application Submission due date is April 3, 2023

Submissions are via the ‘[Start a submission](#)’ link found here: [CTSI TPH Link](#)

APPLICATION SEQUENCE

Make every effort to write your research proposals toward a general scientific audience; avoid field-specific jargon and undefined abbreviations. Every attempt will be made to find proposal reviewers with expertise in the general area of the proposal but be aware that highly specialized

expertise may not be available within the CTSI system. You must use the application form found here [CTSI TPH Link](#)

1. **Face page.** Specify the title of the proposal, principal investigators and their affiliation, collaborator(s) and affiliation, where work will be performed, and the total budget. Department / School support must be indicated by completion of all signatures on the face page(s). As submission will be electronic, electronic signatures are appropriate.
2. **Abstract & Keywords**
 - The abstract should be a brief (500 word maximum) abstract in layman's terms.
 - Provide 5 keywords that describe the research content of your project
3. **Budget Page.** List all direct costs. This page may be duplicated and a separate budget page included for each performance site / collaborating institution.
 - Projects should have a start date no earlier than July 1, 2023
 - Proposals must reflect a sharing of budget and effort between the collaborating institutions.
 - No funds will be allocated for PI or co-investigator / collaborator salaries.
 - Supplies and other costs must relate directly to performance of the project.
 - Travel beyond that which is necessary between the institutions / campuses will require justification.
 - No indirect costs may be requested.
 - All costs should be specifically justified and expenditures for **each participating partner/institution** clearly denoted. Limit the budget justification to 1.5 pages.
4. **Research Plan** should have at least 0.5 inch margins and is not to exceed 5 single-spaced pages, excluding references. Font must be clear and readily legible and reasonable size, at least 11 point.

If your proposal is a **resubmission** of a previously reviewed Translational Public/Population Health application, the application should include an additional ½ page describing how the current application addresses reviewer concerns.

The Research Plan narrative should be structured in accordance with the following format:

- A. **Objectives of the current proposal:** State the overall objective or goal of the proposed research. Describe the collaborative research program that exists or that will develop from the collaboration and the nature of the complimentary expertise that will promote synergism.
- B. **Resubmission documentation (if applicable):** include an additional ½ page describing how the current application addresses reviewer concerns.
- C. **Translational potential for the project:** Describe the project's potential impact on human health and/or how may it be translated to impact human health concerns in the future.
 - a. If the project is a behavioral research project, describe how it will translate basic biological and behavioral science into behavioral or policy interventions; how it will lead to the development of mechanistically-based interventions for preventing and treating unhealthy behaviors that promote development of disease; or how it will translate discoveries into new clinical tools, assistive devices,

behavioral therapies, interventions or medications.

- b. If the project is a clinical or implementation study describe how it will increase the understanding of disease mechanisms, drug/device/technology developments and toxicology studies and / or advance the testing and refinement of new technologies in people; the testing of interventions for safety and effectiveness in those with or without disease; or result in behavioral and observational studies that impact health services research.
- c. If the project focuses on population health, describe how it will assist in determining the effects of diseases and efforts to prevent, diagnose and treat the disease.

D. Specific Aims and methods of the current proposal: Communicate the scientific significance and innovation of the proposed collaboration.

- a. Describe the specific aims of the proposal, the methods of procedure, how the complementary expertise contributes to those aims, and the rationale behind the chosen approach to the problem. Include a discussion of pitfalls that might be encountered and the limitations of the procedures proposed.
- b. Indicate the reason for the selection of a particular model system, if not using human or conventional animal model (or explain why this is not applicable).

E. Description of Joint Research Program: Briefly review the current status of research in the field and the PI / co-PI contributions to that field. Document with references. Describe any preliminary work the investigators have performed which led to this proposal, alone or in collaboration. Explain how synergism will be achieved.

F. Significance: What is the potential importance of the proposed collaboration? What is its potential impact on population health and/or how may it be translated to impact population health concerns in the future? Discuss any novel ideas or contributions that the collaboration offers. Make clear the potential importance of the proposed collaboration for further investigation and future research on the different campuses.

G. Dissemination: Describe the dissemination plan for any findings. This should also be included in the timeline (H).

H. Use of Funds Toward Plans for Future Extramural Funding: Describe how the collaboration will lead to an extramurally funded research application / program. For extramural funding, specifically describe the agency, the program and time frame that you plan to submit an extramural proposal. Discuss how this funding will help to expedite the process. Plans should be included in the timeline (H).

I. Project timeline: The following (or similar) table should be completed and inserted at the end of the research plan.

Task	Month	1-3	4-6	7-9	10-12	24	36	48
Task 1 – enter description and mark appropriate period(s)								
Task 2 – enter description and mark appropriate period(s)								
Task 3 - enter description and mark appropriate period(s)								
Task 4 - enter description and mark appropriate period(s)								
Task 5 - enter description and mark appropriate period(s)								
Task x – complete requisite progress reports			X		X	X	X	X

5. Biographical sketches. Include an NIH biosketch for principal investigators and each co-

investigator (5-page maximum per biosketch). The biosketches should be provided in the new NIH format available at <http://grants1.nih.gov/grants/funding/phs398/phs398.html>.

6. **Other Support.** Include this information for the principal investigator and each co-investigator / collaborator, including detail on any overlap that this proposal has with active or pending awards.
7. **Appendices.** If this is a resubmission include previous reviewers' comments. Attach any relevant regulatory documents already in place and/or letters of support / collaboration.

PEER REVIEW AND AWARD SELECTION

Applications are considered one time per year.

Requests for funds will be critiqued on the following three items:

- The strength of the research.
- The strength of the collaboration.
- The strength of a defined plan for future extramural support

Applications will be subject to a 2-stage selection process.

Stage 1: The initial review will be completed by a joint committee with peer representatives on **May 9, 2023**

Stage 2: Finalists will be invited to give an oral presentation to Review Committee on **May 23, 2023 8a – 12n EST**

(NOTE: ALL APPLICANTS NEED TO HOLD THIS DATE)

The Review Committee will evaluate the scientific merit of the proposal and the strength and potential of the proposed collaboration. They will also review and discuss the milestones and timelines of the project with the investigators. The results / comments will be collated and recommendations forwarded to the Indiana CTSI Executive Committee for final funding decisions.

Available funding will allow for approximately 1-2 awards.

CONTACT INFORMATION

For questions regarding scope or review of the proposal, please contact:

IUB: Joel Ybe (jybe@indiana.edu)
ICTSI: Julie Driscoll (jdrisco@iu.edu)

For financial issues related to budgeting and grant submissions, please contact:

IU: Indiana CTSI Office (trnslddev@iu.edu / 317-278-2822)

POST AWARD REQUIREMENTS

1. All awards will be monitored for progress by the Indiana CTSI as required by the CTSA Annual Progress Report. Progress monitoring generally includes the following from all project PIs and, when appropriate, may be developed in consultation with CTSI Administration:
 - a. Annual reports due in December while the project is active (including any no cost

- extensions) that report status of milestone progress along with documentations of external grant submissions/awards, IP, publications, and/or presentations arising from the supported research.
- b. Annual follow-up reports up to 5 years after the project ends, including but not limited to the following data:
 - i. External grant submissions and awards arising from the supported research
 - ii. Intellectual property arising from the supported research
 - iii. Publications arising from the supported research
 - iv. Additional impacts of the award on your research and the collaboration
 2. It is expected that this pilot funding will lead to co-authored publications and external funding submissions (USDA, NSF, NIH, DoD, or comparable agency), generally reported on the annual progress reports.
 3. Grant recipients are required to acknowledge receipt of Indiana CTSI support in any presentation or publication of work funded by a TPH award as follows:

This [(publication was made possible) (project was supported)] by the Indiana Clinical and Translational Sciences Institute, funded in part by grant # ULI TR002529 from the National Institutes of Health, National Center for Advancing Translational Sciences, Clinical and Translational Sciences Award. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health."

4. Grant recipients are strongly encouraged to participate as reviewers for all CTSI internal grants in the future.
5. By accepting this award, grant recipients agree to have their names and project titles publicly posted on the Indiana CTSI website and/or in a publication.