



INDIANA UNIVERSITY  
CENTER FOR GLOBAL HEALTH

## Request for Applications

# Global Health Reciprocal Innovation Awards

**A Joint Initiative Sponsored by  
Indiana CTSI and IU Center for Global Health**

**ELECTRONIC RECEIPT DATE  
December 10, 2018**

**Round 1 – 2018-19**

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

*The WebCAMP user's guide is also available under the funding announcement here:*

*<https://www.indianactsi.org/projectdevelopment/funding/all-open-rfps/>*

# INFORMATION FOR APPLICANTS

## I. Purpose

The Indiana CTSI with the IU Center for Global Health is soliciting proposals from applicants developing or currently involved in collaborative global health research projects. The purpose of this RFA is to foster and encourage reciprocal global health innovation among Indiana CTSI partner institutions (IU, Purdue, and Notre Dame) and their academic research partners abroad. This award will support the co-development and evaluation of high potential research to address critical health challenges in Indiana and/or at the CTSI 's LMIC partner sites globally. Special emphasis will be given to projects that address high priority needs, such as, reducing infant mortality and opioid addiction.

## II. Types of Projects

Projects funded by this RFA will seek to develop demonstration projects and research to address critical global health challenges through reciprocal innovation with LMIC research partners. Research should focus on demonstrating innovations co-developed with LMIC and CTSI partners. These innovations should: (1) improve population health outcomes, particularly among women, children, and other vulnerable populations; (2) strengthen sustainable health care delivery systems; (3) address major disease burdens in low- to middle-income countries as well as Indiana; and (4) result in high impact innovations that provide reciprocal benefit to the communities Indiana CTSI institutions serve in at home and abroad. Innovations selected for demonstration will have been co-developed with at least one LMIC partner.

Proposals should include plans to sustain and expand innovations that are demonstrated to be effective after the end of support from this RFA. This should include a detailed plan for scaling, funding, and integrating innovations into existing systems or models of care. Additional preference will be given to projects that are likely to produce: (1) written products and publications (e.g., journal manuscripts, conference abstracts and presentations, evaluation reports, etc.); (2) fundable applications for extramural funding; (3) a beneficial long-term impact on an important health issue; and/or (4) result in the creation of intellectual property (IP).

## III. Eligibility

This funding opportunity is open to investigators at Indiana CTSI partner institutions (IU, Purdue, and Notre Dame) and their LMIC partners. Eligible proposals must be collaborative and include at least one co-principal investigator from an Indiana CTSI partner institution. Principal investigators/project directors must have the requisite skills, knowledge, time, and resources necessary to carry out the proposed research. This opportunity is open to individuals with full-time faculty appointments, graduate level trainees, and post-graduate fellows.

## IV. Funding Amounts

The Indiana CTSI and IU Center for Global Health will grant one **\$50,000** award for a period of up to three years as part of this funding opportunity announcement.

## V. Application Requirements

Eligible candidates should complete, sign and upload the application using the **Start a Submission** link: [CTSI Reciprocal Innovation Link](#).

Each application should include the following items:

**1. Face Page**

**2. Project Summary/Abstract**

Provide a brief summary (300-400 words) describing the project focus, its significance, expected outcomes, international partner, and proposed plans for the expansion of future research if pilot funding is awarded.

**3. Project Description (No more than 6 pages, single-spaced, Arial 11-point font, and 1/2 inch margins)**

***a. Focus and significance of project***

Describe in detail the global health challenge the proposed research will address and explain the potential significance of the proposed research.

***b. Specific aims***

Summarize the specific aims and objectives of the proposed research project.

***c. Project design and methods***

Describe the project design and methods that will be used to achieve the stated project aims and objectives.

***d. Collaborative partners***

Provide a detailed description of all collaborating partners including details on the unique qualifications, resources, and abilities of each partner that will enable successful conduct of the proposed project. Describe how this work will support ongoing, collaborative international partnership.

***e. Innovation***

Describe how the proposed research will challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions.

***f. Dissemination & Translation plan***

Describe how research outcomes will be disseminated.

***g. Proposed plans for expanding, sustaining, and integrating the proposed innovation***

Describe planned next steps for expanding, sustaining, and integrating the innovation demonstrated through this award after the expiration of this award. Include a detailed plan for pursuing expanding the innovation model, securing ongoing funding, and integrating the intervention into existing health systems, producing written products and publications, and/or intellectual property that will be pursued.

**4. Proposed project timeline and milestones**

Describe the timeline for all major components of the project including descriptions of key milestones.

## **5. References/Works Cited**

## **6. Detailed Budget & Budget Justification**

All applications require a concise, convincing, and realistic explanation of the proposed budget, which includes all planned expenditures. Submitted budgets that request the maximum without adequate explanation for that level of support, if awarded, will be reduced to a justifiable funding level based on the proposed project. If there are other resources committed to the project, please indicate these funds in the total budget. Total project costs may exceed \$50,000 when other funding entities have committed to the project.

No indirect costs or finance and administration costs are allowed. However, overhead costs necessary for the administration of the award at a LMIC partner site may be budgeted as a direct costs. Overhead costs should not exceed \$4,000. These costs are included in the total award amount not to exceed \$50,000. Funds cannot be used to purchase equipment or for meeting-related / hospitality expenditures (no exceptions); travel expenses are limited to those that are demonstrated to be necessary to achieve the aims of the proposed project.

Projects that provide matching funds from their home institutions, LMIC partners, or other sponsors will receive preference for funding.

**University of Notre Dame Matching Funds:** University of Notre Dame Eck Institute for Global Health will provide up to \$10,000 matching funds for principal investigators who are Notre Dame faculty and affiliated members of the Eck Institute for Global Health. Principal Investigators who meet this criteria may submit a budget inclusive of this additional funding. For questions on eligibility, please contact Katherine Taylor ([ktaylo12@nd.edu](mailto:ktaylo12@nd.edu)).

Proposed project periods cannot exceed 36 months from the project start date. The required start date is May 1, 2019 (see Section IX for details). Up to one 12 month no-cost extension may be granted with proper documentation and notification provided to the Indiana CTSI Finance Office.

- 7. NIH-formatted Biosketch of principal investigator and co-principal investigators (Limit 5 pages per biosketch)**
- 8. Letters of Support (Maximum of 3)**
- 9. IRB Approval (if available).** Note that local IRB approval for all involved institutions must be obtained before award funds can be dispersed.

## **VI. Review Criteria**

All eligible proposals received by the application deadline will be reviewed by a committee that includes representative global health research leaders from the Global Health Research Program of the IU Center for Global Health. After review and approval, proposal revisions may be requested prior to implementation.

Proposals are scored using the NIH scoring system defined below:

| Impact                                                                                                                                                                                                                       | Score | Descriptor   | Additional Guidance on Strengths/Weaknesses         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|-----------------------------------------------------|
| High                                                                                                                                                                                                                         | 1     | Exceptional  | Exceptionally strong with essentially no weaknesses |
|                                                                                                                                                                                                                              | 2     | Outstanding  | Extremely strong with negligible weaknesses         |
|                                                                                                                                                                                                                              | 3     | Excellent    | Very strong with only some minor weaknesses         |
| Medium                                                                                                                                                                                                                       | 4     | Very Good    | Strong but with numerous minor weaknesses           |
|                                                                                                                                                                                                                              | 5     | Good         | Strong but with at least one moderate weakness      |
|                                                                                                                                                                                                                              | 6     | Satisfactory | Some strengths but also some moderate weaknesses    |
| Low                                                                                                                                                                                                                          | 7     | Fair         | Some strengths but with at least one major weakness |
|                                                                                                                                                                                                                              | 8     | Marginal     | A few strengths and a few major weaknesses          |
|                                                                                                                                                                                                                              | 9     | Poor         | Very few strengths and numerous major weaknesses    |
| <b>Minor Weakness:</b> An easily addressable weakness that does not substantially lessen impact<br><b>Moderate Weakness:</b> A weakness that lessens impact<br><b>Major Weakness:</b> A weakness that severely limits impact |       |              |                                                     |

Scored criteria include the following:

1. **Overall Impact:** how well will the project establish a sustained research program with a high likelihood of producing a sustained research program or significant new intellectual property, strengthening international collaboration, expanding research opportunities, and attracting future funding? **[1-9 points]**
2. **Significance:** how well does the project address a significant global health challenge and its potential impact on related policies, health systems, environment, and/or field of research? **[1-9 points]**
3. **Investigators:** How well suited to the project are the PIs and international collaborators; how feasible is the proposed international collaboration; and will the collaboration produce high quality results? **[1-9 points]**
4. **Innovation:** How well does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? **[1-9 points]**
5. **Approach:** Are the proposed study design and methods sound? Does the study use evidence based or best practices? **[1-9 points]**
6. **Environment:** How well will the scientific environment in which the work will be done contribute to the probability of success? **[1-9 points]**
7. **Future Expansion:** Will this proposed innovation lead to a sustainable change in care that can be expanded and integrated into existing health systems? **[1-9 points]**

In addition to the above scored criteria, reviewers will evaluate the proposal's focus on strengthening collaborative multidisciplinary research collaborations between Indiana CTSI partner institutions (IU, Purdue, and Notre Dame) and key academic research centers abroad, with particular emphasis given to

building up existing international partnerships with high potential for reciprocal innovation. All successful proposals must include a budget and budget justification.

## VII. Funding Decisions

The review committee will submit final rankings and scores to the Indiana CTSI Global Health Research Platform Chair for review. The Chair will make final funding recommendations to the Indiana CTSI Executive Committee. All applicants will be notified of the funding decisions and given specific feedback on their proposals soon after those decisions have been made. A brief description of the funded proposals will be posted on the Indiana CTSI and IU Center for Global Health web pages after all applicants have been notified of award decisions.

## VIII. Post-Award Requirements

Projects selected for funding will be expected to comply with the following requirements:

- **Responsible Conduct of Research** – Documentation that all personnel in the project have completed a course in the responsible conduct of research such as CITI or an equivalent training.
- **Conflict of Interest Disclosure** – All personnel must have an up-to-date conflict of interest disclosure form on file with Indiana University. Non-IU affiliated personnel should submit a non-IU affiliate conflict of interest disclosure form available online: [http://researchcompliance.iu.edu/coi/coi\\_disclosure.html](http://researchcompliance.iu.edu/coi/coi_disclosure.html).
- **Institutional Review Board (IRB) Approval** – The project must provide documentation that all required IRB applications have been submitted no later than 30 days from the day a Notice of Award is received. Documentation of IRB approval must be provided before award funds will be released.

Once all regulatory documentation is on file, the Indiana CTSI Finance Office will facilitate the release of funds to the academic partner. Recipients will have 24 months from the grant start date to complete proposed project activities.

Funded recipients will be required to:

- Submit progress reports every 6 months during the life of the award including a complete description of the work accomplished and related budget expenditures.
- Attend a required “face-to-face” meeting with the Chair of the Indiana CTSI Global Health Platform. Subsequent meetings will be either face to face or via teleconference.
- Present their project results to the Indiana CTSI Global Health Platform leadership committee
- Present their project at a Indiana CTSI or IU Center for Global Health-sponsored event, if requested

If necessary and deemed appropriate, a no-cost extension (NCE) may be granted to pilot grant awardees. Note that only one (NCE) may be granted to each awardee according to current CTSI procedure. Awardees are encouraged to carefully calculate the estimated time needed to complete the project and to request the maximum amount of time that they believe will be required.

A final project report is due 60 days after the end of the project period. All recipients must:

- Summarize the project and primary findings for dissemination to the public (1 page).
- Submit a final project summary report which will include project results; lessons learned; any publications and extramural funding applications applied for and/or received; and plans for sustainability, dissemination, and other next steps (up to 5 pages).
- Every year for up to 5 years after completion of the project, the CTSI will contact recipients to complete a status report on the project; confirm on-going regulatory approvals (IRB); and gather data on publications, extramural funding, or IP that resulted from the project.
- The project is required to acknowledge Indiana CTSI support in all presentations, publications, and reports.

**IX. RFA Timeline**

|                                           |                   |
|-------------------------------------------|-------------------|
| RFA Release Date                          | October 15, 2018  |
| Proposal Deadline                         | December 10, 2018 |
| Notification of Award Decisions           | March 4, 2019     |
| Initial Grantee Meeting                   | March 22, 2019    |
| Deadline for IRB Approval                 | April 30, 2019    |
| Grant Start Date                          | May 1, 2019       |
| First Progress Report Due                 | November 1, 2019  |
| Second Progress Report Due                | May 1, 2020       |
| Third Progress Report Due                 | November 1, 2020  |
| Initial Project Period Ends               | May 1, 2021       |
| Final Report Due (unless NCE is approved) | July 31, 2021     |

**X. Contact Information**

Questions regarding this competition should be sent to David Plater, [dplater@iu.edu](mailto:dplater@iu.edu), Associate Director of Research, IU Center for Global Health .