



*Request for Applications*

**ADULT GASTROINTESTINAL AND LIVER DISEASES  
RESEARCH PILOT GRANT PROGRAM**

**A JOINT INITIATIVE BETWEEN**

**INDIANA UNIVERSITY SCHOOL OF MEDICINE, DIVISION OF  
GASTROENTEROLOGY/HEPATOLOGY**

**AND**

**INDIANA CLINICAL AND TRANSLATIONAL SCIENCES INSTITUTE**

**ELECTRONIC RECEIPT DATE IS MONDAY, NOVEMBER 6, 2017**

*Please note that you will be submitting through the Indiana CTSI's new grants management software WebCAMP. Please allow enough time to be familiar with a new system.*

*The WebCAMP user's guide is also available under the funding announcement here:  
<https://www.indianactsi.org/funding/all-open-rfps/>*

Revised August 2017

## INFORMATION FOR APPLICANTS

### GENERAL INFORMATION

The Indiana Clinical and Translational Sciences Institute (CTSI) in conjunction with the Division of Gastroenterology/Hepatology in the Department of Medicine is soliciting proposals for pilot projects from investigators to develop and promote translational and transdisciplinary collaborative research projects in adult gastrointestinal and liver diseases. The objective is to fund studies that (a) establish or strengthen already established collaborations between faculty members in the GI Division and investigators from other departments and schools at IUSM, IUPUI and Purdue University; (b) generate preliminary data for extramural funding applications investigating adult GI and liver disorders.

The areas of interest include (a) acute and chronic liver diseases; (b) GI and hepatobiliary malignancy; (c) inflammatory bowel disease; (d) GI motility disorders; (e) chronic abdominal pain; and (f) chronic functional bowel disorders. The proposal should demonstrate tangible evidence that the collaboration will lead to a multiyear federal grant application.

Applications to this program are **limited to \$35,000** and are of **one (1) year duration**. Up to two grants will be awarded per grant cycle.

### APPLICATION DEADLINE

- Full applications are due no later than **Monday, November 6, 2017**.
- Application forms are available here: [CTSI GI RFA link](#)
- Applications should be submitted using the “Start a submission” link found here: [CTSI GI RFA link](#)

### WHO MAY APPLY

**IUSM:** All full-time faculty, regardless of tenure status, having a primary appointment within the School of Medicine as Assistant Professor or Assistant Scientist and above. This includes those faculty appointed as part-time Assistant Professor or above, if they are geographically full-time. Faculty at the IUSM regional centers for medical education are eligible to apply (assuming they meet all other eligibility criteria) and are considered IUSM faculty for purposes of identifying the sponsoring affiliate as described above. Faculty that hold the title of visiting rank must discuss eligibility with the CTSI and obtain approval. *Please email [icreate@iu.edu](mailto:icreate@iu.edu) to determine eligibility before submitting an LOI.*

**IUPUI:** All tenured or tenure-track faculty at or above the Assistant Professor level; faculty at all levels of the Scientist or Scholar tracks.

**Purdue:** All tenured or tenure-track faculty at or above the Assistant Professor level; all research professors; all clinical faculty.

**Notre Dame:** All tenured or tenure-track faculty at or above the Assistant Professor level; all research professors; all clinical faculty.

**IU Health:** Applicants must be employees of Indiana University Health at any IU Health system

entity with medical staff privileges. Residents and fellows are not eligible for this mechanism.

## RESTRICTIONS

1. PI should be an investigator who is **outside** of the Department of Medicine **in collaboration with** a full-time faculty member in the adult GI division:  
<http://medicine.iupui.edu/OurFaculty.aspx?dvcde=GAST> (see also the GI Departmental information link on the CTSI webpage here: [CTSI GI RFA link](#) )
2. Facilities and Administrative costs, or indirect costs, will not be allowed.
3. Request for investigators salaries will not be allowed.
4. Requested grant funding period cannot exceed 12 months and should have a start date of no earlier than January 1, 2018
5. Requests for the purchase of equipment (>\$5000) will not be considered.
6. Travel beyond what is necessary for the performance of the project is not allowed.

## APPLICATION SEQUENCE

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**Page 1-2.** Face page, which specifies the title of the proposal, principal investigator(s) and his/her 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 only, facsimile or electronic signatures are appropriate.

**Page 3.** Project summary which provides a brief general description of the research

**Page 4.** Budget page listing all direct costs and a budget justification for the proposed costs. An Excel budget template is provided on CTSI grant software website noted above.

- 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 what is necessary for the performance of the project is not allowed.
- No funds may be allocated to the purchase of capital equipment (>\$5000).
- No indirect costs may be requested.
- All costs should be specifically justified. Limit the budget justification to ½ page.

**Page 5.** Specific Aims, including the goals of the research, expected outcomes / impact on the research field, and primary objectives of the proposed project. This section is limited to **1 page**, single spaced with at least 1/2 inch margins and a font size of at least 11 point. Font type must be clear and readily legible.

- A. Objectives of the current proposal:** State the overall objective or goal of the proposed research and the expected outcomes/impact on the research field.

**B. Specific Aims / primary objectives of the current proposal:** Describe the specific aims of the proposal, the methods of procedure and the rationale behind the chosen approach to the problem. 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).

**Page 6-8.** The Research Plan should have at least 1/2 inch margins and is not to exceed **3 single-spaced pages, excluding references**. Font must be clear and readily legible, at least 11 point in size.

- The program goal is to foster research that results in new or expanded extramurally funded research programs or novel intellectual property (IP).
- Requests for funds will be critiqued on the following items:
  - The strength of the research.
  - The strength of a defined plan for future extramural support and/or IP.
- The Research Plan narrative should be structured in accordance with the following format:

**A. Significance:** What is the potential importance of the proposed research? What is its potential impact on human health and/or how may it be translated to impact human health concerns in the future? Specifically describe its relevance and translational potential. Discuss any novel ideas or contributions that the research offers. How will the project improve scientific knowledge, technical capability, etc? How will concepts, methods, treatments or other aspects of this field of research change if the aims are achieved?

**B. Innovation:** How does the application challenge or seek to shift the direction of current research in the field? Describe novel approaches, methodologies, instrumentation, etc and any advantages of the proposed novelty over existing methods. What, if any, novel IP will result?

**C. Approach:** Discuss the overall strategy, methodology, and analyses. How will data be collected, analyzed and interpreted? Discuss potential problems and pitfalls. What alternative strategies will be instituted should these issues arise? Address management of any high risk aspects of the research. Discuss preliminary studies in the field, preliminary work completed by the PI, existing data and knowledge, and describe the PI's experience in the field.

**D. Use of Funds for Future Extramural funding / IP:** Describe how the collaboration will lead to an extramurally funded research application / program or generate IP. For extramural funding, specifically describe the agency, the program and time frame that you plan to submit an extramural proposal. If this project will potentially generate IP, provide a specific timeline including short term interim deliverables toward the filing of a disclosure or patent application and discuss how this funding will help to expedite the process.

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

Task	Months 1-3	Months 4-6	Months 7-9	Months 10-12
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

**Prior Submission (up to 1 page):** If you have previously submitted this project to this mechanism you must address how this proposal has been revised / is different from the previously submitted application.

**Page 8-9** References. This section should be single spaced, have at least 1/2 inch margins and font must be clear and readily legible, at least 11 point in size. Although indicated here as 2 pages in length, there is no page limit on this section. Include what is appropriate to support the research narrative.

**Page 10-13** Biographical sketch of the principal investigator (5-page maximum). The biosketch should be provided in the new NIH format available at <http://grants1.nih.gov/grants/funding/phs398/phs398.html> It should include positions, honors, publications and selected research projects that are most relevant to the proposed project.

**Page 14+** Other support for the principal investigator, including detail on any overlap that this proposal has with active or pending awards. This information must be provided in NIH format. Links to the forms and instructions are provided above in section “Page 10-13”.

**Appendices** - This section is limited to support letters, regulatory information, and, if applicable, NIH pink sheets from a prior submission of a related proposal (to further demonstrate the potential for future extramural funding of the proposed work).

## PEER REVIEW AND AWARD SELECTION

Applications will be reviewed by a joint peer review committee with representation from both sponsoring organizations and all participating institutions. **Projects should have a start date no earlier than January 1, 2018.** Awarded funds will be released following verification of all required, regulatory compliance documentation.

Available funding will allow for approximately 2 awards to be made under this mechanism in Round 3 (2017).

## 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. Interim report submissions demonstrating status of milestone progress and documenting external grant submissions/awards, IP, publications, and/or presentations arising from the supported research. Project support and budget management discussions will occur if applicable.
  - a. Final report submission electronically to the administrative office of the Indiana CTSI upon request or within 60 days of the termination date.

- b. Annual follow-up reports upon request for up to 2 years after the project ends, including but not limited to the following data:
- External grant submissions and awards arising from the supported research
  - Intellectual property arising from the supported research including disclosures or patents filed
  - Publications arising from the supported research
  - Additional impacts of the award on your research and the collaboration
2. Grant recipients are reminded to acknowledge receipt of Division of Gastroenterology/Hepatology and CTSI support in any presentation or publication of work funded by this award as follows:

*This [(publication was made possible) (project was supported)] IUSM Division of Gastroenterology / Hepatology and in part, with support from the Indiana Clinical and Translational Sciences Institute funded, in part by Grant Number UL1TR001108 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."*

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## **CONTACT INFORMATION**

For further details on this competition, or questions regarding scope, review of the proposal, budgeting or online grant submission to this competition please contact [icreate@iu.edu](mailto:icreate@iu.edu) / 317.278.2822