

*Request for Applications for*

**INTERCAMPUS APPLIED RESEARCH PROGRAM  
(IARP)**

**A JOINT INITIATIVE BETWEEN  
INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS (IUPUI)  
AND  
PURDUE UNIVERSITY – WEST LAFAYETTE**

**OCTOBER, 2007**

**REVISED FEBRUARY, 2008**

## **INFORMATION FOR APPLICANTS:**

### **PURPOSE**

IUPUI and Purdue University are committed to supporting practical, world-class research. Both universities have invested in translating research findings from the laboratory/clinic to both for-profit and not-for-profit sectors.

Applied, translational research requires the participation of investigators from many scientific disciplines and schools of creative thought. We are introducing a new internal funding program, called the "Intercampus Applied Research Program (IARP)" that is designed to foster new, applied, translational research projects and creative activities and to accelerate discoveries that have the potential to change people's lives. The IARP is jointly sponsored by IUPUI and Purdue University and will support collaborative projects that involve roughly equal participation (effort and budget) of faculty from the two universities. Use of core facilities, specialized equipment, and/or processes/procedures unique to one or both campuses is encouraged in order to achieve the aims of the research project.

### **FUNDING**

Approximately five projects, in the amount of \$50,000 per project, will be funded per year. IUPUI investigators who receive an IARP award will automatically receive a Released Time for Research (RTR) award from the Office of the IUPUI Vice Chancellor for Research if approval is obtained from the applicant's Department Chair/Director and Dean.

The IARP is designed to build on the success of the Collaboration in Biomedical Research Pilot Grant Program (CBR), a joint initiative between the Indiana University School of Medicine (IUSOM) and Purdue University. Investigators from the IUSOM are encouraged to use the CBR pilot grant program and, consequently, IUSOM investigators are not eligible for the IARP program.

### **ELIGIBILITY**

Only tenured, tenure-track, and research faculty are eligible to apply. Faculty in visiting ranks are not eligible. Participation of junior faculty is encouraged.

### **RESTRICTIONS**

1. Facilities and administrative costs, or indirect costs, will not be allowed.
2. Faculty salary will not be allowed.
3. Requested grant funding period cannot exceed 12 months. However, a no cost extension may be requested with approval of both IUPUI and Purdue officials.

### **MECHANISM FOR SUBMISSION OF APPLICATION**

Applications will be considered one time per year. Submission deadline is Monday, December 3, 2007 at 5:00 p.m. Applications will be reviewed in early January, 2008, with awards announced soon thereafter. Projects should have a start date no earlier than February 1, 2008.

## APPLICATION FORMS ARE AVAILABLE AT:

**IUPUI:** <http://www.iupui.edu/~resgrad/spon/funding-university.htm>. Questions regarding this program should be directed to Jan Froehlich, Interim Vice Chancellor for Research, Indiana University Purdue University Indianapolis at [jcfroehl@iupui.edu](mailto:jcfroehl@iupui.edu).

**Purdue:** <http://www.purdue.edu/research/vpr/funding/iu-purdue.shtml>. Questions regarding this program should be directed to Christine King, Director of Research Development Services, Office of the Vice President for Research, Purdue University, at [hcking@purdue.edu](mailto:hcking@purdue.edu).

All proposals are to be submitted electronically to Alicia Gahimer at [algahime@iupui.edu](mailto:algahime@iupui.edu) and copied to Mary Ryker at [mlryker@purdue.edu](mailto:mlryker@purdue.edu). A completed signature page should be scanned and included as part of the proposal. Alternatively, facsimile or electronic signatures may be used.

## APPLICATIONS:

**Page 1.** Face page: Self-explanatory

**Page 2.** Budget page: Use Excel (IUPUI) and COEUS (Purdue) formats.

- IARP funds cannot be used for faculty salary; however, additional collaborator(s) should be identified on the budget.
- Travel beyond that which is necessary between the two universities will require justification.
- No indirect costs may be requested.
- Supplies and other costs must relate directly to performance of the project.
- All costs should be specifically justified (limit justification to ½ page).

**Page 3-8.** Research Plan: The research plan should be typed on 8 ½ x 11 white paper with at least 1 inch margins and is not to exceed 6 double spaced pages, including references. Type size should be clear and reasonable size, at least 12 point.

The research plan should address the single year of funding requested, show the scope of the overall project, and justify how the requested funding will aid in either “jump-starting” a collaborative project or strengthening a planned or pending submission. It is to the applicant’s advantage to focus and establish priorities for the year. These priorities should be made clear in all relevant sections of the Research Plan.

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

- A.** Introduction: State the overall objective or goal of the proposed research. Review the most significant previous work and describe the current status of research in the field. Document with references. Describe any preliminary work the principal investigators have done which led to this proposal.
- B.** Specific Aims: List the specific aims.
- C.** Methods of Procedure: Give details of the research plan, including a description of the experiments or other work proposed; the methods;

species of animals; techniques to be used; the kinds of data expected to be obtained; and the means by which the data will be analyzed or interpreted. If clinical studies are involved, give details of responsibility for patient selection and patient care. Include a discussion of pitfalls that might be encountered, and of the limitations of the procedures proposed. Point out any procedures, situations, or materials that may be hazardous to personnel and the precautions to be exercised. Insofar as possible, describe the principal experiments or observations in the sequence in which they will be conducted, and indicate a tentative schedule of the main steps of the investigation.

- D.** Significance: What is the potential importance of the proposed collaboration? Discuss any novel ideas or contributions that the collaboration offers. Make clear the potential importance of the proposed collaboration for further investigation and extramural grant support.

**Page 9-11.** Biographical sketch of the principal investigator, including his/her bibliography; 3-page maximum.

**Page 12-14.** Biographical sketch of the collaborator including his/her bibliography; 3-page maximum. Additional pages may be added for biographical sketches of additional collaborators.

***Electronic receipt date is DECEMBER 3, 2007 at 5:00 p.m.***

**IARP Pilot Grant  
APPLICATION**

USE "TAB" TO MOVE FROM ONE AREA TO ANOTHER—AVOID USING "ENTER".

PRINCIPAL INVESTIGATOR:

RANK, DEPARTMENT, and SCHOOL, if appropriate:

INSTITUTION:                      CAMPUS ADDRESS:                      EMAIL:

COLLABORATOR:

RANK, DEPARTMENT, AND SCHOOL, if appropriate:

INSTITUTION:                      CAMPUS ADDRESS:                      EMAIL:

TITLE OF PROPOSAL:

ADDRESS WHERE WORK WILL BE PERFORMED:

BUDGET PERIOD:

From:                      (Month/Day/Year)                      To:                      (Month/Day/Year)

AMOUNT REQUESTED:

IUSM	\$	Percent Effort	%
Purdue	\$	Percent Effort	%
Total	\$	(may not exceed \$50,000)	

	YES	NO	PROTOCOL #	APPROVAL DATE
RECOMBINANT DNA?	<input type="checkbox"/>	<input type="checkbox"/>		
HUMAN SUBJECTS?	<input type="checkbox"/>	<input type="checkbox"/>		
VERTEBRATE ANIMALS?	<input type="checkbox"/>	<input type="checkbox"/>		

REQUIRED SIGNATURES:

IUPUI

Applicant / Collaborator \_\_\_\_\_  
Department Chair \_\_\_\_\_  
IUPUI Institutional Official \_\_\_\_\_  
(Janice C. Froehlich)

PURDUE UNIVERSITY

Applicant / Collaborator \_\_\_\_\_  
Department Head \_\_\_\_\_  
College or School Dean \_\_\_\_\_  
Institutional Official \_\_\_\_\_  
(Charles O. Rutledge)

Principal Investigator/Program Director (Last, first, middle):

<b>DETAILED BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY</b>					FROM	THROUGH	
<i>PERSONNEL (Applicant organization only)</i>		TYPE APPT. <i>(months)</i>	% EFFORT ON PROJ.	INST. BASE SALARY	DOLLAR AMOUNT REQUESTED <i>(omit cents)</i>		
NAME	ROLE ON PROJECT				SALARY REQUESTED	FRINGE BENEFITS	TOTAL
	Principal Investigator				N/A	N/A	
	Collaborator				N/A	N/A	
<b>SUBTOTALS</b> →							
<b>CONSULTANT COSTS</b>							
<b>SUPPLIES</b>							
<b>TRAVEL</b>							
<b>PATIENT CARE COSTS</b>							
<b>OTHER EXPENSES</b>							
<b>TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD</b>							

BUDGET JUSTIFICATION:

Principal Investigator/Program Director (Last, first, middle): \_\_\_\_\_

RESEARCH PLAN:

Principal Investigator/Program Director (Last, first, middle): \_\_\_\_\_

**BIOGRAPHICAL SKETCH**

Provide the following information for the **Principal Investigator**. **DO NOT EXCEED TWO PAGES for sections A & B.**

NAME	POSITION TITLE
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EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

**B. Selected peer-reviewed publications (in chronological order).** Do not include publications submitted or in preparation.

Principal Investigator/Program Director (Last, first, middle): \_\_\_\_\_

**C. OTHER SUPPORT:** It is critical that the Other Support page be clear and detailed, and include funding through program projects, centers, joint grants, and other programs as well as the role of the applicant in each grant and any potential overlap. Both Active and Pending support should be listed. Include all information noted below:

ACTIVE/PENDING (Indicate)  
Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP

ACTIVE/PENDING (Indicate)  
Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP

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Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP

Principal Investigator/Program Director (Last, first, middle):

**BIOGRAPHICAL SKETCH**

Provide the following information for the Collaborator. **DO NOT EXCEED TWO PAGES for sections A & B.**

NAME		POSITION TITLE	
EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i> )			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

**B. Selected peer-reviewed publications (in chronological order).** Do not include publications submitted or in preparation.

Principal Investigator/Program Director (Last, first, middle):

**C. OTHER SUPPORT:** It is critical that the Other Support page be clear and detailed, and include funding through program projects, centers, joint grants, and other programs as well as the role of the collaborator in each grant and any potential overlap. Both Active and Pending support should be listed. Include all information noted below:

ACTIVE/PENDING (Indicate)  
Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP

ACTIVE/PENDING (Indicate)  
Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP

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Source and Project Number:  
Principal Investigator:  
Title of Project (or Subproject):  
Percent Effort of IARP applicant:  
Dates of Approved/Proposed Project:  
Annual Direct Costs of Overall project:  
Annual Direct Costs of Subproject of IARP applicant:  
The major goals of this project are...

OVERLAP