

# PILOT FUNDING FOR NEW RESEARCH (Pfund)

*Request for Proposals number 2005-E*

DEADLINE DATE:

Proposals Due: September 30, 2005



# LA EPSCoR

LOUISIANA EXPERIMENTAL PROGRAM TO STIMULATE  
COMPETITIVE RESEARCH (EPSCoR)

**Sponsored By:**

**The National Science Foundation and the  
Louisiana Board of Regents**

1201 North Third Street, Suite 6-200  
Baton Rouge, Louisiana 70802  
(225) 342-4253  
[www.laregents.org](http://www.laregents.org)

## **I. Program Description**

### **I.A. Overview**

The Board of Regents (BoR) solicits seed-grant research proposals from the State's tenured and tenure-track science and engineering (S&E) faculty members seeking to learn innovative skills, thereby becoming more competitive for federal funding. Funding for the Pilot Funding for New Research (Pfund) program is available under Louisiana's NSF EPSCoR (Experimental Program to Stimulate Competitive Research) award. The program will be administered through the BoR's Office of Sponsored Programs and will operate under the guidance of the State's EPSCoR Committee.

### **I.B. Objectives**

Louisiana EPSCoR has designed the Pfund program to stimulate and support science and engineering faculty in their exploration of novel research. The Pfund program provides opportunities for both tenured and tenure-track faculty. **Untenured faculty** can use this program to enhance their research focus, explore new ideas and develop cutting-edge techniques. **Tenured faculty** can use award funds to become more competitive by investigating new areas that require a shift in their current research direction. The ultimate goal of the Pfund program is to enable faculty to become more competitive in acquiring federal funding, particularly from NSF, given that this program is funded through NSF EPSCoR. Therefore, applications that target funding from NSF will have priority.

This program is limited to the science and engineering research disciplines supported by NSF. Reviewers will evaluate the merit of each proposal based in part on the potential of the investigator to enhance his/her research competitiveness in order to secure federal funds.

### **I.C. Financial Considerations**

The BoR will provide up to \$10,000 per award, and anticipates that approximately \$180,000 will be available for this program in FY2005-06. The actual number of awards is subject to the availability of funds and the quality of proposals received.

Award dollars may be used to support students, travel, and the purchase of scientific equipment and supplies. Faculty salaries are **not** allowable expenses. Any scientific equipment requested must have a strong justification included in the project description.

Although institutional commitment is not required, support from the applicant's institution to ensure success of the proposed project is expected. Financial support pledged in the proposal must be honored in the event that the proposal is funded.

Funds will be made available by contract from the BoR to the Principal Investigator's (PI) institution. The expected start date is January 1, 2006; funds must be expended by December 31, 2006.

Indirect charges (i.e. overhead) are not allowed under this program.

## **I.D. Eligibility**

Individuals who hold a regular tenured or tenure-track S&E position in any Louisiana public institution of higher education, or in any Louisiana higher education institution that is a member of the Louisiana Association of Independent Colleges and Universities, are eligible to apply.

## **I.E. Timetable**

September 16, 2005            Last day to answer questions concerning this RFP

September 30, 2005        Proposals due at the BoR

## **I.F. Deadline for Submission of Proposals**

The **deadline** for receipt of proposals on the BoR server is **3:30 p.m. September 30, 2005**. *Proposals must be submitted electronically; the BoR will not accept hard copy submissions.* Failure to meet this deadline will invalidate the submission.

## **I.G. Reporting**

Successful applicants will be required to submit a final report, due at the completion of the contract term. In addition, a follow-up report will be required one year after completion of the project to help assess the efficacy and impact of the Pfund program.

## **II. Proposal Submission and Format Requirements**

The following proposal requirements must be followed closely. *Proposals that do not adhere to these guidelines will not be considered.*

### **II.A. General Requirements**

The applicant is responsible for any misunderstandings that occur because of incorrect proposal assembly and delivery to the BoR. As noted in Section I.F., all proposals must be submitted electronically to the BoR server on or before the announced deadline.

#### **II.A.1 Number of Proposals**

A PI may submit only one proposal in response to RFP number 2005-E. Investigators who received Pfund awards during the last competition are not eligible to compete under this RFP.

#### **II.A.2 Electronic Submission**

Proposals must be e-mailed to [osp@laregents.org](mailto:osp@laregents.org) in a portable document format (pdf). **The proposal must be submitted to the Board of Regents by the submitting institution's authorized representative. Proposals directly submitted to the Board of Regents by individual PIs will not be accepted.** An e-mail acknowledging receipt of the proposal will be sent to the authorized institutional representative of the submitting institution.

#### **II.A.3 Format Requirements**

All sections of the proposal must be formatted to a standard 8-1/2" x 11" page; all pages are to be numbered consecutively and have 1-inch top, bottom, and side margins.

## **II.B Proposal Format**

### **II.B.1 Cover Page (See attached form.)**

### **II.B.2 Summary**

A 200-word summary of the proposed activity is required.

### **II.B.3 Project Description**

The project description, not to exceed five (5) pages, should:

- Describe the significance of the project relative to research in its general field;
- Provide a statement of work, listing the major research tasks to be carried out, a timeline for accomplishing the tasks, and expected outcomes;
- (For tenure-track investigators) Explain how the project will help the investigator enhance his/her research focus, explore new ideas, and/or develop cutting-edge techniques that can enable the investigator to become more competitive in obtaining federal funding;
- (For tenured investigators) Explain how the project will help the investigator pursue new areas of research that require a shift in their current research focus to become more competitive for federal funding; and
- Describe the potential impact of the project in securing federal funding, e.g., planned proposal submissions that could result from the work.

As part of the evaluation process, reviewers will assess the potential of both the investigator as well as the project to secure federal funding.

### **II.B.4 References Cited**

Do not exceed one page.

### **II.B.5 Budget and Budget Narrative**

A summary budget covering the award period is required. It may include a one-page budget justification/explanation. See attached form.

All matching commitments must be listed on the budget page and explained in the budget justification/explanation.

### **II.B.6 Biographical Sketches**

Biographical sketches of the Principal Investigator (PI) and any collaborators are required and must not exceed two pages each.

### **II.B.7 Current and Pending Support**

Current and Pending Support forms for the PI and any collaborators are required.

### **II.B.8 Facilities, Equipment, and other Resources**

Do not exceed one page.

### **III.B.9 Letters of Support**

Letters of support may be included at the end of the proposal.

### **III. Questions About This RFP**

Specific questions concerning this RFP and the requirements set forth herein should be directed **in writing** to Mr Jim Gershey, Executive Director of Special Programs, by fax at (225) 342-3371 or by sending a message to [gershey@laregents.org](mailto:gershey@laregents.org). In compliance with R.S. 39:1503, questions will be accepted and answered through September 16, 2005. As soon as possible after that date, all questions asked about this RFP and all answers provided in response to those questions will be posted at <http://laregents.org>.

## COVER SHEET FOR PROPOSAL TO THE BOARD OF REGENTS

FOR CONSIDERATION BY BoR ORGANIZATION UNITS(S)		<b>FOR BoR USE ONLY</b>	
<b>LOUISIANA EPSCoR</b>		<b>BoR PROPOSAL NUMBER</b>	
PROGRAM ANNOUNCEMENT/SOLICITATION NO./CLOSING DATE <b>PFUND 2005-E</b>			
NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE:	ADDRESS OF AWARDEE ORGANIZATION, INCLUDING ZIP CODE:		
TITLE OF PROPOSED PROJECT:			
REQUESTED AMOUNT \$	PROPOSED DURATION: 12 months		
NAME (TYPE or PRINT)	Highest Degree, Yr	Telephone Number/ Fax Number	Electronic Mail Address
PI NAME			
PI STATUS (check one) ___ Tenure-track    ___ Tenured	PI RANK (check one) ___ Assistant Professor    ___ Associate Professor    ___ Full Professor		
PI/PD DEPARTMENT	PI/PD POSTAL ADDRESS		
PI/PD FAX NUMBER			
NSF PROGRAM THAT WOULD MOST LIKELY FUND THIS TYPE OF RESEARCH:	NSF DIRECTORATE:	NSF DIVISION	NSF PROGRAM AREA
URL of NSF Program Area:			

### APPLICANT MUST PROVIDE NAMES OF PROSPECTIVE REVIEWERS – SEE BELOW:

**On a separate page**, provide the name, title, affiliation, mailing address, telephone number, and e-mail address for at least five out-of-state scholars in the specific field of your proposal who are qualified to evaluate your proposal and/or who can recommend other individuals who are qualified to evaluate your proposal. Reviewers from an institution where the applicant has taught or was a student should not be provided.

#### **Conflict of Interest Criteria:**

Reviewers cannot 1) have been a Louisiana faculty member during the previous five years; 2) have collaborated on a publication, funded project, or as a paid consultant with the applicant during the past five years; or 3) have supervised the master's thesis, doctoral candidacy, or post-doctoral work of the applicant.

INSTITUTION						
PRINCIPAL INVESTIGATOR						
A. SENIOR PERSONNEL: List personnel separately. Indicate number & type of months for each. A.5-6 show total number Other in brackets.				Funds Requested	Institutional Match	Total Costs
	CAL.	ACAD.	SUMR.			
1						
2						
3						
4						
5	[ ]	Other Senior Personnel				
6	[ ]	Total Senior Personnel				
B. OTHER PERSONNEL (show #s)						
1	[ ]	Post Doctoral Assoc.				
2	[ ]	Other Professionals				
3	[ ]	Graduate Students				
4	[ ]	Undergraduate Students				
5	[ ]	Secretarial/Clerical				
6	[ ]	Other				
Total Salaries & Wages (A+B)						
C. FRINGE BENEFITS (if charged as direct costs)						
Total Salaries, Wages, & Fringe (A+B+C)						
D. PERMANENT EQUIPMENT (List item & dollar amount for each item exceeding \$5000)						
Total Permanent Equipment						
E. TRAVEL						
1	Domestic (Incl. Canada & U. S. possessions.)					
2	Foreign					
F. PARTICIPANT SUPPORT COSTS						
1	Stipends					
2	Travel					
3	Subsistence					
4	Other					
Total Participant Costs						
G. OTHER DIRECT COSTS						
1	Materials and Supplies					
2	Publication Costs/Pages Charges					
3	Consultant Services					
4	Computer (ADPE) Services					
5	Subcontracts					
6	Other					
Total Other Direct Costs						
H. TOTAL DIRECT COSTS (A thru G)						
I. INDIRECT COSTS (Specify rates.)						
Total Indirect Costs*						
J. TOTAL DIRECT & INDIRECT COSTS (H + I)						

\*Indirect Costs cannot be requested, but may be used as cost sharing.

## BIOGRAPHICAL SKETCH

---

Provide the following information for the senior personnel on the project. Begin with the Principal Investigator/Project Director.  
**DO NOT EXCEED 2 PAGES PER PERSON.**

---

- A. Vitae, listing professional and academic essentials and mailing address.
- B. List up to 5 publications most closely related to the proposed project and up to 5 other significant publications, including those being printing. Patents, copyrights, or software systems developed may be substituted for publications. Do not include additional lists of publications, invited lectures, etc. Only the list of up to 10 will be used in merit review.
- C. List of persons, other than those cited in the publication list, who have collaborated on a project or a book, article, report or paper within the last 48 months, including collaborators on this proposal. If there are no other collaborators, please indicate that fact.
- D. Names of graduate and post-graduate advisors and advisees.  
The information in C. and D. is used to help identify potential conflicts or bias in the selection of reviewers.

# CURRENT AND PENDING SUPPORT

(From ALL sources, including Support Fund)

NAME OF INVESTIGATOR:

Status of Support:  Current  Pending  Submission Planned in Near Future

Project/Proposal Title:

Source of Support:

Award Amount (or Annual Rate): \$ \_\_\_\_\_ Period Covered: \_\_\_\_\_

Location of Activity:

Person-Months or % of Effort Committed to the Project:  Cal Yr  Acad  Summ

Status of Support:  Current  Pending  Submission Planned in Near Future

Project/Proposal Title:

Source of Support:

Award Amount (or Annual Rate): \$ \_\_\_\_\_ Period Covered: \_\_\_\_\_

Location of Activity:

Person-Months or % of Effort Committed to the Project:  Cal Yr  Acad  Summ

Status of Support:  Current  Pending  Submission Planned in Near Future

Project/Proposal Title:

Source of Support:

Award Amount (or Annual Rate): \$ \_\_\_\_\_ Period Covered: \_\_\_\_\_

Location of Activity:

Person-Months or % of Effort Committed to the Project:  Cal Yr  Acad  Summ

## **FACILITIES, EQUIPMENT & OTHER RESOURCES**

---

**FACILITIES:** Identify the facilities to be used at each performance site listed and, as appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use "Other" to describe the facilities at any other performance sites listed and at sites for field studies. USE additional pages if necessary.

**Laboratory:**

**Clinical:**

**Animal:**

**Computer:**

**Office:**

**Other:** \_\_\_\_\_

---

**MAJOR EQUIPMENT:** List the most important items available for this project and, as appropriate identifying the location and pertinent capabilities of each.

---

**OTHER RESOURCES:** Provide any information describing the other resources available for the project. Identify support services such as consultant, secretarial, machine shop, and electronics shop, and the extent to which they will be available for the project. Include an explanation of any consortium/contractual arrangements with other organizations.

**The following review forms will be used by the out-of-state reviewers for evaluation purposes. They are provided for your information only.**



**Pilot Funding for New Research (Pfund) Program**

**Proposal Evaluation Form for **TENURED** Applicants**

Principal Investigator name: \_\_\_\_\_ PI Institution: \_\_\_\_\_

Instructions: Please read the RFP, the proposal, and all accompanying information carefully, then score the proposal, using the following criteria and point allowances:

Criteria	Points awarded
1. Does the proposed research project appear to be technically and scientifically sound? In particular, does the proposed research indicate a significant shift in the applicant's research focus? (35 points)	_____
2. Do the proposed research and supporting materials provide convincing evidence of the potential to attract federal funding, i.e., through future proposal submissions to federal agencies? (35 points)	_____
3. What is the likelihood that the proposed research will be fundable by NSF, in particular, the NSF program area identified on the Cover Sheet? (15 points)	_____
4. Are the budget, timeline, and infrastructure reasonable to ensure success? (15 points)	_____
5. Total Score (of a possible 100 points)	_____

Please provide constructive comments that can be relayed to the applicant. Use additional pages if necessary. (Your identity will be kept confidential.)

Example Only

**Reviewer's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

By signing this form (or printing your name where indicated and returning this form electronically), you agree to maintain in confidence any information, documentation, and material of any kind (hereafter referred to as "Material") included in this proposal. You further agree not to divulge, publish, file patent application on, claim ownership of, exploit or make any other use whatsoever of said "Material" without written permission of the principal investigator. You also certify that, to the best of your knowledge, no conflict of interest exists or is created as a result of your review of this proposal.

Send form electronically to gershey@laregents.org or by fax to 225-342-3371. Thanks!



**Pilot Funding for New Research (Pfund) Program**

**Proposal Evaluation Form for **TENURE-TRACK** Applicants**

Principal Investigator name: \_\_\_\_\_ PI Institution: \_\_\_\_\_

Instructions: Please read the RFP, the proposal, and all accompanying information carefully, then score the proposal, using the following criteria and point allowances:

<b>Criteria</b>	<b>Points awarded</b>
1. Does the proposed research project appear to be technically and scientifically sound? Will the proposed research significantly enhance the applicant’s research focus, substantially advance the exploration of their new ideas, and/or enable them to become proficient in utilizing cutting-edge techniques? (35 points)	_____
2. Do the proposed research and supporting materials provide convincing evidence of the potential to attract federal funding, i.e., through future proposal submissions to federal agencies? (35 points)	_____
3. What is the likelihood that the proposed research will be fundable by NSF, in particular, the NSF program area identified on the Cover Sheet? (15 points)	_____
4. Are the budget, timeline, and infrastructure reasonable to ensure success? (15 points)	_____
5. Total Score (of a possible 100 points)	_____

Please provide constructive comments that can be relayed to the applicant. Use additional pages if necessary. (Your identity will be kept confidential.)

Example Only

**Reviewer’s Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

By signing this form (or printing your name where indicated and returning this form electronically), you agree to maintain in confidence any information, documentation, and material of any kind (hereafter referred to as “Material”) included in this proposal. You further agree not to divulge, publish, file patent application on, claim ownership of, exploit or make any other use whatsoever of said “Material” without written permission of the principal investigator. You also certify that, to the best of your knowledge, no conflict of interest exists or is created as a result of your review of this proposal.

Send form electronically to gershey@laregents.org or by fax to 225-342-3371. Thanks!