

Mission-Oriented Grants RFP for 2011

An essential component of Purdue University's land grant mission is to conduct applied research and disseminate research information to our diverse stakeholders. The Directors of Agricultural Research Programs and Cooperative Extension Service have established an internal competitive grant program to encourage the integration of applied research and Extension programs among departments in the College of Agriculture. The intent of these Mission-Oriented grants is to respond to critical research and Extension priorities in Indiana and establish multidisciplinary teams to seek additional extramural funding.

Funding priority will be given to proposals that address at least one component of the initiatives outlined in the Indiana State Department of Agriculture's Updated Strategic Plan. The primary initiatives are: 1) advocacy, 2) environmental stewardship, and 3) economic opportunity (<http://www.in.gov/isda/files/2009StrategicUpdate.pdf>). There is a list of action items for 2009-2010 near the end of the document including research-based land use planning, information to form Crop and Livestock Stewardship Certificate Programs, efforts to encourage the adoption of new technology or resource management practices, bioenergy, promotion and support of Indiana's hardwood industry, entrepreneurship, and enhanced international trade.

Given current budget constraints in the College of Agriculture, funding for 2011 will be available to support four (4) Mission-Oriented grants. Each Mission-Oriented grant shall not exceed \$25,000 annually. Grant funds may be used for in-state travel to research sites, expendable research materials and supplies, Extension publication and website development expenses, student and part time hourly wages, or graduate student stipends. Faculty summer salaries will not be supported. Please note that when funds from this source are used for graduate assistantships, there is no guarantee of support in subsequent years. Faculty should make arrangements for alternative funding for graduate students in subsequent years. If the Mission-Oriented grant requests support for a graduate student, tuition waiver and fringe benefits will be covered from other internal sources and need not be included in the Mission-Oriented grant budget.

The text of each grant proposal should not exceed three (3) pages (see guidelines below). Also please submit the attached budget template, a brief description of any matching funds (*matching funds are strongly encouraged*), and a one-page CV per PI.

The proposals should be *submitted electronically as an email attachment in pdf format to Sherry Oland* (oland@purdue.edu) no later than 5:00 pm Monday, November 22, 2010.

Funding will be available for the calendar year 2011. PIs will be notified in January 2011 regarding funding recommendations by the review panel.

Proposal Review Criteria:

- The grant proposals should clearly address at least one of the initiatives outlined in the Indiana State Department of Agriculture's Updated Strategic Plan. For details see: <http://www.in.gov/isda/files/2009StrategicUpdate.pdf>.
- The rationale and significance of the problem must be clearly articulated including how Indiana stakeholders might benefit from the successful completion of the proposed mission-oriented effort and what existing information gaps will be filled. Intended outcome products such as expected publications, meetings, websites, etc. should be described in the proposal.
- Multi-disciplinary/multi-departmental proposals that offer team building opportunities are essential for a successful proposal.
- There will be a strong preference to fund, everything else being equal, those grant proposals that are clearly leveraged either with in-kind resources (seed, chemicals, feed, animals, machinery, laboratory capacity, etc.) and/or extramural funding. Indication of the source and value of the matching and/or leveraged funds should be explicitly stated in the grant proposal budget justification and description section.
- PIs should articulate how the Mission-Oriented grant will lead to future proposal submission or how the proposal will lead to additional extramural funding.
- PIs are encouraged to conduct the mission-oriented research and associated Extension programs at any of the Purdue Agricultural Centers (PACs) throughout Indiana. Applied research on Indiana farms also will be considered. Collaboration between faculty and County Educators also is encouraged.
- The Extension component of the proposal must be explicitly stated and described, e.g., website development/posting of research results, incorporation into DTC programs, statewide or regional meetings, CCA credit programs, PAC field days, Extension publications, joint educational programs with stakeholder organizations, etc.
- The PI(s) should describe the synergy and integration of the proposed research and Extension activities.
- The Final Report outlining the research results and Extension activities completed during the funding period must be submitted within 60 days of the completion of the project, i.e., no later than March 1, 2012. An online reporting template will be provided to the PIs.
- Appropriate metrics and documentation of impact should be included in the Final Report that are indicative of how the research will help achieve longer-term objectives such as optimal siting of livestock operations, reduced air/water pollution, enhanced animal nutrition, more effective utilization of co-products from ethanol plants, increased farm profitability, adoption of alternative cropping systems, improved animal health, safer food, hardwood utilization, employment creation, adding value to primary commodities, etc. A list of publications, field days, website URLs, etc. should be included in the Final Report whenever possible. Research results, publications, and Extension activities associated with the funded project should be posted in your annual electronic report to the College of Agriculture. Accountability to the Directors of Agricultural Research Programs and Extension, and ultimately to our Indiana stakeholders, is essential.
- Funding allocations are made on an annual basis and preference will be given to projects that can be completed in one year. However, if the success of the experimental

design requires multiple-year funding, this should be clearly indicated in the research protocol, e.g., cropping systems research. If the proposal for 2011 is a continuation of a previously funded Mission-Oriented grant, you **must** provide a status report of research and Extension activities completed to date and provide a persuasive justification for financial support beyond the year (s) for which you have already received Mission-Oriented grant funding.

Proposal Guidelines:

1. **The text of the proposal should not exceed three (3) pages and must include:**

- a. **Problem statement**
- b. **Objectives**
- c. **Rationale and significance** of the problem from the perspective of Indiana stakeholders and the Indiana State Department of Agriculture's Updated Strategic Plan initiatives
- d. **Plan of work/methods**
- e. **Plan for future proposal** submissions

In addition to the text outlined above, the proposal also **must** include:

- a. A **cover page** that includes: the project title, faculty investigator names, and faculty contact information (campus address, email, telephone).
- b. Short list (3-6) of relevant **research and Extension citations**.
- c. **One-page CV** should be attached for each PI
- d. A complete **budget form** processed by your Department Business Office. The budget template is attached to this RFP. **Do not include any indirect costs (F&A), tuition waiver, or fringe benefits in the budget request. These will be covered from other funding sources.** A description of any matching or leveraged dollars should be included.

2. **Proposal format with review panel scoring points in parentheses.**

- a. Short problem statement and list of objectives (10 points)
- b. High priority problem listed in the Indiana State Department of Agriculture's Updated Strategic Plan initiatives. How will this integrated research and Extension effort close existing gaps in our delivery of critical research-based information to Indiana stakeholders? (15 points)
- c. Discussion of the multi-disciplinary/multi-departmental involvement of the project Co-PIs and plan for future funding. (10 points)
- d. Clear indication of the integration of the research and Extension effort (10 points)
- e. Brief description of the research methodologies or approach that will be used (15 points)
- f. Brief description of the Extension component of the project (15 points)
- g. Evidence of leveraging with other grants or in-kind support (10 points)
- h. Short research and Extension citation list (5 points)

- i. One-page CV for each PI to help judge capacity to successfully complete the proposed effort (10 points)
- j. Completed budget form with a brief discussion of the source and value of matching and/or leveraged dollars.
- k. If renewal is requested beyond a previous year of funding, a clear justification from a scientific and Extension program dimension must be provided. A summary of activities and accomplishments to date must also be included when any subsequent year funding is being requested.

Submission:

Submit *electronically in pdf format* to:

Sherry Oland
Agricultural Research Programs
Agricultural Administration Building, Room 126
Email: oland@purdue.edu

Acknowledgement:

All publications, posters, websites, field day presentations, etc. resulting from this mission-oriented, internal competitive grant program must include the following information.

“This activity was funded, in part, with a mission-oriented, internal competitive grant from the Purdue University Office of Agricultural Research Programs and Cooperative Extension Service.”

Review Panel:

Marshall Martin, Coordinator
ARP and CES Staff
Department Heads

Proposal No.: _____

Reviewer Name: _____

Mission-Oriented Grant Program Evaluation Form

Grant title: _____

PI/Co-PIs: _____

Grant Scoring:	Points
Clear problem statement and objectives (10 points)	_____
High priority problem from an Indiana State Department of Agriculture and stakeholder perspective (15 points)	_____
Multi-disciplinary/multi-departmental Co-PIs and future funding plan (10 points)	_____
Clear indication of research and Extension integration (10 points)	_____
Appropriate research methodologies or approach (15 points)	_____
Clearly outlined Extension component of the project (15 points)	_____
Evidence of leveraging with other grants and/or in-kind support (10 points)	_____
List of relevant research and Extension citations (5 points)	_____
Faculty capacity to successfully complete the integrated project (10 points)	_____
Total (Possible 100)	_____

Strengths:

Weaknesses:

Feasibility of completion in one-year: _____ yes _____ no _____ maybe

Relevant to Indiana stakeholders and Indiana State Department of Agriculture Strategic Plan initiatives:

_____ yes _____ no _____ maybe

Recommend:

_____ Fund _____ Discuss _____ Do not fund

Your Rank: _____ (e.g., 1 of 25, 3 of 25, etc.)

2010 MISSION ORIENTED GRANTS BUDGET REQUEST**PRINCIPAL INVESTIGATOR(S):****PROJECT TITLE:**

A.	Salaries and Wages	
Senior Personnel		
	_____ Principal Investigators (SUMMER SALARY ONLY)	
Other Personnel (Non-Faculty)		
	_____ Research Associates-Post doctorates	
	_____ Graduate Students	
	_____ Undergraduate Students	
	_____ Secretarial-Clerical Technical, Shop and Other	
	Total Salaries and Wages	0
B.	Fringe Benefits (NONE ALLOWED)	0
C.	Total Salaries, Wages and Fringe Benefits	0
D.	Equipment	
E.	Materials and Supplies	
F.	Travel	
G.	Publication Costs/Page Charges	
H	All Other Direct Costs: (Communications, Recharge Expenses, etc.) (Graduate Fee Remissions are NOT ALLOWED)	
I	Total Direct Costs	0
J	F&A/Indirect Costs (NONE ALLOWED)	0
K	Total Direct and F&A/Indirect Costs	0
L	Matching	