

Hatch Project Information

Hatch funding is open to faculty members in CALS and SOHE. Faculty from other colleges and universities may be collaborators on a project. However, it should be demonstrated the needed expertise does not exist within CALS or SOHE and an appropriate matching commitment of resources is evident. Proposals should reflect external funding sources, if applicable.

Investigators may submit proposals for an individual investigator Hatch grant and a multiple investigator interdisciplinary Hatch grant. Investigators may not be the Principal Investigator on more than one individual project.

As in the past, the Hatch competition will continue to support a wide range of research. However, as a result of USDA's new National Priorities, each proposal **MUST** be strongly linked to one or more of the Five National Priorities (see pg. 10 and 11). **Proposals not addressing one or more of the Five National Priorities will not be accepted for review.** Graduate training is central to use of formula funding and exceptions will not be considered. Each proposal is judged on appropriateness of proposed research for formula funding, quality of the science, and likelihood of successful achievement of those goals.

Interdisciplinary proposals with multiple investigators will be considered in the open competition with the following considerations:

- High quality of research work proposed
- Special emphasis on problem solving for Wisconsin
- Realistic budgets (although these may be larger than individual investigator projects)
- Proposals should specify separate budgets for each investigator, with explicit division of work to be done by each team member. A composite budget should also be entered on the budget form.
- Evidence the interdisciplinary team has worked together on the proposal, including signatures of all involved. Include a section detailing how the team will function, and mechanisms for joint coordination.
- Plans to link the research to extension, outreach, or teaching activities should be clearly indicated.
- Demonstration of productivity from past and present formula funding for all collaborators.
- Typically, interdisciplinary projects are for a two-year term.

Types of support that may be requested

CALS objective is to support graduate student training. Each project should include support for one 50% graduate student and a small supply budget. Most awards will be in the range of \$40,000 to \$43,000/yr. Alternative staffing requests will not be considered. In order to maximize the number of projects we can support, budget categories for supplies, travel for the collection of research data, and labor should not exceed a combined total of **\$3,000** per year. Costs associated with the use of the Agricultural Research Station (ARS) facilities for your research project should be included in the \$3,000 per year total. A minimum of 5%, up to a maximum of 10% of a faculty's effort/salary should be included in the proposal per year. Please be aware that the effort you indicate within the proposal will be payrolled (salary) effort on the project.

Please be aware that if your proposal is approved for funding, your budget is not necessarily approved as requested. Funding levels are approved a few months prior to the start of the project. Funding approvals are contingent on funding availability and allowability (OMB Circulars, CALS Policies and Procedures, etc.) on Formula Grants. Requested items and/or funding categories are subject to disallowance.

Proposals related to official multistate projects (see list at NIMSS website – <http://www.nimss.umd.edu/>) are particularly encouraged. Proposals should relate the Wisconsin component to the overall project objectives and state the project number (or temporary number for proposed project). Given the funding mandates of the Hatch program that require 25% or more of our portfolio to be made up of multistate projects, these proposals will receive additional consideration for funding as well as travel to the multistate annual meetings. If approved by the CALS review panel, these projects will be on the WI funding list even if the regional approval of the project does not occur when associated with a temporary number.

USDA has developed five national priority areas to tightly focus NIFA and other USDA science funds on solving specific problems and demonstrating results.

Global Food Security and Hunger – NIFA supports research, education and extension that will boost U.S. agricultural production and improve global capacity to meet the growing food demand. NIFA also fosters innovation in fighting hunger by addressing food security for vulnerable populations.

Climate Change - NIFA supports projects that generate knowledge to develop an agriculture system that maintains high productivity in the face of climate changes and reduce greenhouse gas emissions. This will help producers to plan and make decisions in adapting to changing environments, sustaining economic vitality, and taking advantage of emerging economic opportunities offered by climate change mitigation technologies.

Sustainable Energy - NIFA contributes to the President's goal of energy independence by supporting science to develop biomass used for biofuels, design optimum forest products and crops for bioenergy production, and produce value-added bio-based industrial products.

Childhood Obesity - NIFA supports research to identify effective measures that guide individuals and families to make informed, science-based decisions that will reduce child obesity and improve health.

Food Safety - NIFA supports research that results to reduce the incidence of food-borne illnesses and provides a safer food supply by: eliminating causes of microbial contamination and antimicrobial resistance; educating consumer and food safety professionals; and developing food processing technologies to improve food safety.

Hatch Act

Act of March 2, 1887, Ch.314, 24 Stat. 440 7 U.S.C. 361a et seq.

As amended August 11, 1955, ch. 790, 68 Stat. 671

Excerpt from Section 2

"... It shall be the object and duty of the State agricultural experiment stations through the expenditure of the appropriations hereinafter authorized to conduct original and other researches, investigations, and experiments bearing directly on and contributing to the establishment and maintenance of a permanent and effective agricultural industry of the United States, including researches basic to the problems of agriculture in its broadest aspects, and such investigations as have for their purpose the development and improvement of the rural home and rural life and the maximum contribution by agriculture to the welfare of the consumer, as may be deemed advisable, having due regard to the varying conditions and needs of the respective States."