The Anderson Research Grant Program: Team Competition

Request for Proposals

Submission Deadline
September 1, 2000

Internet site: www.oardc.ohio-state.edu/nc213

Photo courtesy of USDA, ARS
NC-213 MEMBER INSTITUTIONS AND REPRESENTATIVES

Officers
Chairman - R. Terry Arbogast, CMAVE, Gainesville, FL
Vice Chairman – Lloyd Bullerman, University of Nebraska, Lincoln, NB
Secretary – Mark E. Casada, University of Idaho, Moscow, IA
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Industry Advisory - Jim Stitzlein, Consolidated Grain & Barge Co., New Berlin, IL
CSRS/USDA Representative – Merle Pierson, Washington, D.C.
Administrative Advisor - Thomas L. Payne, University of Missouri-Columbia, Columbia, MO
Coordinator - F. William Ravlin, OARDC, The Ohio State University, Wooster, OH

Participating Experiment Stations and Representatives
Arkansas Agricultural Experiment Station .......................................................... Bradley P. Marks
Idaho Agricultural Experiment Station .............................................................. Mark E. Casada
Illinois Agricultural Experiment Station ........................................................... Lowell D. Hill
Indiana Agricultural Experiment Station, (Purdue) ............................................ Dirk E. Maier
Iowa Agricultural Experiment Station ............................................................... Charles R. Hurburgh, Jr.
Kansas Agricultural Experiment Station ........................................................... Timothy J. Herrman
Michigan Agricultural Experiment Station ...................................................... Perry Ng
Minnesota Agricultural Experiment Station ..................................................... William Wilcke
Montana Agricultural Experiment Station ........................................................ Florence V. Dunkel
Nebraska Agricultural Experiment Station ........................................................ Lloyd B. Bullerman
North Dakota Agricultural Experiment Station ............................................... Charlene Wolf-Hall
Ohio Agricultural Research & Development Center ......................................... Richard C. Pratt
Texas Agricultural Experiment Station, College ............................................... Lloyd W. Rooney
Wisconsin Agricultural Experiment Station ..................................................... Sundaram Gunasekaran
Beltsville Agricultural Research Center (BARC) ................................................ Stephen R. Delwiche
Market and Trade Economics, ERS/USDA ...................................................... Mack N. Leath
Grain Inspection, Packers, and Stockyard Administration, USDA ..................... Steve Tanner
Natl Center for Agricultural Utilization Research, ARS/USDA ....................... Donald T. Wicklow
Grain Marketing and Prod. Res. Center, ARS/USDA ...................................... Donald E. Koeltzow
Center For Medical, Agricultural and Veterinary Entomology........................ Herbert Oberlander
Consolidated Grain & Barge Company, New Berlin, Ohio ............................. Jim Stitzlein
The Andersons, Inc., Maumee, Ohio .............................................................. Robert Smigelski
This is a request for Regional Project NC-213 members to submit proposals to the Anderson Research Grant Program Team Competition. The Anderson Research Grant Program will provide research funding within the scope of the multistate research project entitled "Marketing and Delivery of Quality Cereals and Oilseeds". For this competition, one team proposal will be funded and will receive up to $50,000 per year for two years (total $100,000). The project will be selected based on proposals submitted to:

The Anderson Research Grant Program  
C/o Dr. F. W. Ravlin, Assistant Director  
OARDC, The Ohio State University  
1680 Madison Ave.  
209 Research Services Building  
Wooster, OH 44691

PROPOSALS MUST BE POSTMARKED NO LATER THAN SEPTEMBER 1, 2000

SECTION 1.0 STATEMENT OF THE PROBLEM

Legislative and technological changes in grain markets are creating new opportunities to deliver high quality products that enhance value to end-users. Some changes may also create increased risk for different industry sectors. The challenge is to generate value through quality at as many points as possible in the production, distribution, and marketing system. At the same time, it is critical to preserve quality of all cereals and oilseeds and to successfully manage risk. The 1996 Farm Bill has further increased the need for risk management expertise by all segments of the cereal and oilseed industry. Product and system changes that create value will require improved communication, information, technology transfer, and collaboration among the diverse communities that comprise and affect grain markets.

The goal of the Anderson Research Team Competition is to develop new approaches and technologies to maintain or improve the quality of cereals and oilseeds from harvest to delivery, while preserving the environment, and maintaining consumer safety. These approaches and technologies must be developed and implemented if the U.S. is to remain at the forefront of the world’s major producers. This program is focused on facilitating multidisciplinary, multistate, and multiagency collaborative research to address critical cereal and oilseed research issues.

SECTION 2.0 OBJECTIVES AND ELIGIBILITY

2.1 Objectives

Proposals submitted to the Team Competition must address one or more of the following NC-213 objectives:

A. Determine the effects of genetic traits, climatic factors, agronomic practices, pest
populations, machine harvesting, and drying on the quality of cereals and oilseeds.
B. Assess the effects of postharvest microbial growth, insect infestation, chemical usage, drying and handling on quality of cereals and oilseeds during storage and transport.
C. Quantify and define quality of cereals and oilseeds for various end-use markets.
D. Determine the economic impact of improving the quality of cereals and oilseeds.

Proposals must involve multiple disciplines, states, and/or agencies (U.S. government or state). Collaboration with private industry is also encouraged.

2.2 Eligibility

To be eligible for the Anderson Research Grant Program principal investigators must be current members of Multistate Research Project NC-213, “Marketing and Delivery of Quality Cereals and Oilseeds”.

SECTION 3.0 FORMAT FOR PROPOSALS

All proposals must be submitted on standard 8.5” x 11” paper with typing on one side of the page only. All margins are to be 1”, type size must be 12 point. All pages except the Cover Page should be numbered at the bottom center of the page. Proposals are limited to 15 pages. Proposals must contain the following sections and must be assembled as follows:

- Cover page (example included)
- Problem Identification and Related Research - Describe the basis for the project, a means to evaluate the importance of the objectives and what research has been accomplished to date.
- Objectives - Indicate which NC-213 objective(s) (i.e., Objectives A-E, Section 2.1) the project will address and the specific objectives for the proposed research.
- Procedures - Describe in detail, the process that will be used to complete the investigation, including the experimental design, equipment, materials, and travel. This section should also describe how the collaborators/coPIs will interact.
- Anticipated results and products - Describe the expected results and products developed as a part of this research project.
- Timetable - Describe the schedule of events.
- Literature Cited - List only those articles, books, or reports that are used in the proposal.
- Budget - All proposals must include an itemized budget. This budget should indicate materials, supplies, travel, and other expenses that will be required to complete the research. The budget must follow the Budget format provided in this request for proposals.
- Budget Narrative - Briefly describe how each budget item will be used in the project.
SECTION 4.0 PROPOSAL EVALUATION CRITERIA

The following criteria will be used to evaluate Anderson Research Grant Program proposals.

- Does the proposed project address problems that relate to NC-213 objectives?
- Is the science sound and of high quality?
- Are there clearly stated outcomes of the proposed research?
- Does the project involve multiple disciplines, states, agencies, or private industry?
- Will the collaborators/coPIs work as a team or independent of one another?
- Does the proposal adequately describe how the collaborators/coPIs will interact?
- Will the proposed research likely produce tangible results within the project timetable?
- Is the proposal well written including following the format detailed in this request for proposals?

All proposals will be evaluated on a scale of 1 to 5 (1 - excellent, 2 - above average, 3 - average, 4 - below average, 5 - poor).

Within the limits of available funds, awards will be made to applicants whose proposals are judged most meritorious under the evaluation criteria and procedures defined. Anderson Grant funds will become available to principal investigators based on the start date of the project.

SECTION 5.0 REPORTING

An annual (Year 1) progress report and a final (Year 2) written report are required. Reports will be submitted using the NC-213 Internet site at: http://www.oardc.ohio-state.edu/nc213. Annual reports must be submitted no later than 30 days after the end of the project year. Final reports must be submitted to the NC-213 Coordinator’s Office no later than 90 days after the project end date. In addition to written reports, the award winning team is expected to present project results during the NC-213 Annual meeting.

The Anderson Research Grant Program is supported by an endowment made to The Ohio State University (OSU) by The Andersons Inc. in February of 1966.

The Andersons, founded in 1947, is a diversified agribusiness and retailing firm based in Maumee, Ohio. Its Agriculture Group, one of the top grain handlers in the United States, also produces and markets fertilizer products and operates ten Retail Farm Centers. The Processing & Manufacturing Group includes railcar repair and marketing, lawn fertilizer production and marketing, corncob milling for industrial and environmental applications, and the operation of seven full-service auto repair centers and one outdoor power equipment dealer. The Retail Group consists of six stores in Toledo, Columbus, and Lima, Ohio.

NC-213, Marketing and Delivery of Quality Cereals and Oilseeds
The Anderson Research Grant Program
Team Competition

Project Title: ____________________________________________________________
________________________________________________________________________
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Principal Investigator(s)

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(Attach an additional sheet if more space is needed.)

Project Contact (list one person to act as the primary contact):

Name: ____________________________
Address: __________________________
Phone: ____________________________
Fax: ____________________________
E-mail: __________________________

Period of Proposed Project Dates:
Beginning: _______________ Ending: _______________

Amount Requested (maximum $50,000 per year for two years):
Year 1: _______________ Year 2: _______________

Anderson Research Fund - Research Proposal Budget

NC-213, Marketing and Delivery of Quality Cereals and Oilseeds
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*Anderson funds cannot be used for faculty salaries, departmental space, or facilities.

**The Anderson Research Grant Program policy specifies that no indirect costs can be charged to this project.