

Subpart E—Preparation of a Research Proposal**§ 3406.16 Scope of a research proposal.**

The research component of the program will support projects that address high-priority research initiatives in areas such as those illustrated in this section where there is a present or anticipated need for increased knowledge or capabilities or in which it is feasible for applicants to develop programs recognized for their excellence. Applicants are also encouraged to include in their proposals a library enhancement component related to the initiative(s) for which they have prepared their proposals.

(a) Studies and experimentation in food and agricultural sciences.

(1) The purpose of this initiative is to advance the body of knowledge in those basic and applied natural and social sciences that comprise the food and agricultural sciences.

(2) Examples include, but are not limited to:

(i) Conduct plant or animal breeding programs to develop better crops, forests, or livestock (e.g., more disease resistant, more productive, yielding higher quality products).

(ii) Conceive, design, and evaluate new bioprocessing techniques for eliminating undesirable constituents from or adding desirable ones to food products.

(iii) Propose and evaluate ways to enhance utilization of the capabilities and resources of food and agricultural institutions to promote rural development (e.g., exploitation of new technologies by small rural businesses).

(iv) Identify control factors influencing consumer demand for agricultural products.

(v) Analyze social, economic, and physiological aspects of nutrition, housing, and life-style choices, and of community strategies for meeting the changing needs of different population groups.

(vi) Other high-priority areas such as human nutrition, sustainable agriculture, biotechnology, agribusiness management and marketing, and aquaculture.

(b) Centralized research support systems.

(1) The purpose of this initiative is to establish centralized support systems to meet national needs or serve regions or clientele that cannot otherwise afford or have ready access to the support in question, or to provide such support more economically thereby freeing up resources for other research uses.

(2) Examples include, but are not limited to:

(i) Storage, maintenance, characterization, evaluation and enhancement of germplasm for use by animal and plant breeders, including those using the techniques of biotechnology.

(ii) Computerized data banks of important scientific information (e.g., epidemiological, demographic, nutrition, weather, economic, crop yields, etc.).

(iii) Expert service centers for sophisticated and highly specialized methodologies (e.g., evaluation of organoleptic and nutritional quality of foods, toxicology, taxonomic identifications, consumer preferences, demographics, etc.).

(c) Technology delivery systems.

(1) The purpose of this initiative is to promote innovations and improvements in the delivery of benefits of food and agricultural sciences to producers and consumers, particularly those who are currently disproportionately low in receipt of such benefits.

(2) Examples include, but are not limited to:

(i) Computer-based decision support systems to assist small-scale farmers to take advantage of relevant technologies, programs, policies, etc.

(ii) Efficacious delivery systems for nutrition information or for resource management assistance for low-income families and individuals.

(d) Other creative proposals. The purpose of this initiative is to encourage other creative proposals, outside the areas previously outlined, that are designed to provide needed enhancement of the Nation's food and agricultural research system.

§ 3406.17 Program application materials—research.

Program application materials in an application package will be made available to eligible institutions upon request. These materials include the program announcement, the administrative provisions for the program, and the forms needed to prepare and submit research grant applications under the program.

§ 3406.18 Content of a research proposal.

(a) Proposal cover page. (1) Form CSRS-712, "Higher Education Proposal Cover Page," must be completed in its entirety. Note that providing a Social Security Number is voluntary, but is an integral part of the CSREES information system and will assist in the processing of the proposal.

(2) One copy of Form CSRS-712 must contain the pen-and-ink signatures of the principal investigator(s) and Authorized Organizational

Representative for the applicant institution.

(3) The title of the research project shown on the "Higher Education Proposal Cover Page" must be brief (80-character maximum) yet represent the major thrust of the project. This information will be used by the Department to provide information to the Congress and other interested parties.

(4) In block 7. of Form CSRS-712, enter "Capacity Building Grants Program."

(5) In block 8.a. of Form CSRS-712, enter "Research." In block 8.b. identify the code of the targeted need area(s) as found on the reverse of the form. If a proposal focuses on multiple targeted need areas, enter each code associated with the project. In block 8.c. identify the major area(s) of emphasis as found on the reverse of the form. If a proposal focuses on multiple areas of emphasis, enter each code associated with the project; however, please limit your selection to three areas. This information will be used by the program staff for the proper assignment of proposals to reviewers.

(6) In block 9. of Form CSRS-712, indicate if the proposal is a complementary project proposal or joint project proposal as defined in § 3406.2. If it is not a complementary project proposal or a joint project proposal, identify it as a regular proposal.

(7) In block 13. of Form CSRS-712, indicate if the proposal is a new, first-time submission or if the proposal is a resubmission of a proposal that has been submitted to, but not funded under the 1890 Institution Capacity Building Grants Program in a previous competition.

(b) Table of contents. For ease of locating information, each proposal must contain a detailed table of contents just after the Proposal Cover Page. The Table of Contents should include page numbers for each component of the proposal. Pagination should begin immediately following the summary documentation of USDA agency cooperation.

(c) USDA agency cooperator. To be considered for funding, each proposal must include documentation of cooperation with at least one USDA agency or office. If multiple agencies are involved as cooperators, documentation must be included from each agency. When documenting cooperative arrangements, the following guidelines should be used:

(1) A summary of the cooperative arrangements must immediately follow the Table of Contents. This summary should: