



National Institute of Food and Agriculture

U.S. DEPARTMENT OF AGRICULTURE

Grant Support Technical Assistance Workshop

**BIOENERGY, CLIMATE, AND ENVIRONMENT
FOOD PRODUCTION AND SUSTAINABILITY
YOUTH, FAMILY, AND COMMUNITY
FOOD SAFETY AND NUTRITION
INTERNATIONAL PROGRAMS**

NIFA

**Bioenergy, Natural Resources,
and Environment**

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Bioenergy, Natural Resources, and Environment (BNRE)

Research, development, education and outreach to support **healthy agroecosystems and the natural resources that are essential to the sustained long-term production of agricultural and forestry goods and services**. BNRE addresses national priorities including efforts to advance the bioeconomy and help farms and ranches, forests, and rangelands adapt to climate change.

- **Natural Resources and Environment** includes research spanning soil health, water quality and water quantity, and **ecosystem services**, defined as the benefits people obtain from ecosystems, such as genetic resources; water and air quality; pollinator, wildlife and fisheries habitats; carbon sequestration; nutrient cycling; and recreation.
- **Bioenergy and Biobased Products**: Agricultural and forest biomass production systems provide feedstocks for biopower, biofuels, chemicals, and other biobased products. These systems must be integrated into existing agricultural landscapes in ways that enhance or do not degrade the natural resource base or other production systems.

BNRE Competitive Programs

Two types of competitive programs will be discussed:

- Agriculture and Food Research Initiative (AFRI) programs
 - AFRI Foundational and Applied Sciences (FAS) program
 - Sustainable Agriculture Systems (SAS) program
- Non-AFRI Programs



AFRI FAS: Program Area Priorities

- A1401: Soil Health
- A1411: Water Quantity and Quality
- A1414: Sustainable Bioeconomy Through Biobased Products
- A1451: Sustainable Agroecosystems: Health, Functions, Processes and Management
- A1461: Environmental Justice



AFRI FAS: Crosscutting Program Area Priorities

- A1531: Bioprocessing and Bioengineering
- A1402: Agricultural Microbiomes in Plant Systems and Natural Resources
- A1701: Critical Agricultural Research and Extension
- A1261: Interdisciplinary Engagement in Animal Systems (IDEAS)
- A1721: Climate Hub Partnerships



AFRI - SAS

2023 Priorities:

- Climate-smart Agriculture and Forestry
- Strengthening the Bioeconomy
- Nutritional Security



Non-AFRI Programs

- Bioproduct Pilot Program (BPP)
- Renewable Resources Extension Act – National Focus Fund Projects (RREA-NFF)
- Sun Grant Program
- National Atmospheric Deposition (NADP)



Broadening Participation

- Strengthening grants discussed earlier, creates more funding opportunities for
 - Limited success small and mid-sized institutions and minority-serving institutions
 - Institutions from EPSCoR states in AFRI programs
- AFRI FAS program area priorities A1401, A1411, A1451 allow for \$150,000 in additional funding for partnerships
 - Limited success small and mid-sized institutions and minority-serving institutions
 - Institutions from EPSCoR states
 - International institutions



Broadening Participation

- Small business are eligible to submit applications for the SBIR/STTR programs. BNRE-related topic areas include:
 - 8.1 Forests and Related Resources
 - 8.4 Conservation of Natural Resources
 - 8.8 Biofuels and Biobased Products
 - 8.13 Plant Production & Protection (Engineering)

Resources

- Visit the [funding opportunities page](#)
- This link is useful to
 - Find the Request for Applications (RFA)
 - Locate the program
 - Locate the contact information
 - Locate Technical Assistance resources



Funding Opportunities Page

🔒 nifa.usda.gov/grants/funding-opportunities?page=1

Click on the Program name to learn more

FUNDING OPPORTUNITY

Crop Protection and Pest Management



Thursday, November 17, 2022

The purpose of the Crop Protection and Pest Management program is to address high priority issues related to pests and their management using IPM approaches at the state, regional and national levels. The CPPM program supports projects...



FUNDING OPPORTUNITY



Capacity Building Grants for Non-Land-Grant Colleges of Agriculture Program

Friday, October 7, 2022

Capacity Building Grants for Non-Land-Grant Colleges of Agriculture Program (NLGCA)
Institutions may use the funds: (a) to successfully compete for funds from Federal grants and other sources to carry out educational, research, and...



You can

1. Access the RFA from the **Download RFA** button
2. Each program will host a RFA announcement and technical assistance webinar when the RFA is published. This webinar will be held by the program before the application due date. The registration information and the video recording can be accessed from the **Technical Assistance Webinar** button

Capacity Building Grants for Non-Land-Grant Colleges of Agriculture Program



SHARE

Capacity Building Grants for Non-Land-Grant Colleges of Agriculture Program (NLGCA) Institutions may use the funds: (a) to successfully compete for funds from Federal grants and other sources to carry out educational, research, and outreach activities that address priority concerns of national, regional, State, and local interest; (b) to disseminate information relating to priority concerns to interested members of the agriculture, renewable resources, and other relevant communities, the public, and any other interested entity; (c) to encourage members of the agriculture, renewable resources, and other relevant communities to participate in priority education, research, and outreach activities by providing matching funding to leverage grant funds; and (d) through: (1) the purchase or other acquisition of equipment and other infrastructure (not including alteration, repair, renovation, or construction of buildings); (2) the professional growth and development of the faculty of the NLGCA Institution; and (3) the development of graduate assistantships.

To apply for this grant program, the institution must be Certified as a Non-land Grant College of Agriculture. Please review the [NLGCA Eligibility Flowchart](#) and corresponding [Request for Non-Land-Grant Colleges of Agriculture Designation](#).

The RFA announcement and technical assistance webinar related to this FY 2023 funding opportunity has taken place. Please access the details about the webinar including recording/supporting documents through the Webinar heading.



Dates may vary. Please see RFA for exact dates.





You can

3. Access the **program page** for more information about the program through Program link
4. Access the **Program staff contact** information from
 - This page as shown here
 - Contact information also available in RFA

The screenshot shows a grant announcement page with the following elements:

- Apply for Grant** (Callout 1)
- Download RFA** (Callout 2)
- Technical Assistance Webinar** (Callout 2)
- PROGRAMS:** [Capacity Building Grants for Non-Land-Grant Colleges of Agriculture Program](#) (Callout 3)
- ELIGIBILITY:** Other or Additional Information (See below)
- MORE INFORMATION ON ELIGIBILITY:** See Part III, A. Eligibility of the RFA for eligibility requirements. Applications may only be submitted by a Grant College of Agriculture (NLGCAs) certified as such by the National Institute of Food and Agriculture application. A current list of NLGCA's certified by NIFA can be found at the NLGCA List Resource webpage. Recipients may subaward to organizations not eligible to apply to this grants program, providing such as necessary for the conduct of the project. All institutions certified as NLGCA prior to December 21, 2018 must recertification and meet the new criteria for NLGCA certification contained in the Federal Register Notice.
- POSTED DATE:** Friday, October 7, 2022
- FOR MORE INFORMATION CONTACT:** [Michelle Schelske-Santos](#) (Callout 4)
- CLOSING DATE:** Thursday, December 1, 2022
- CONTACT FOR ELECTRONIC ACCESS PROBLEMS:** grantapplicationquestions@usda.gov
- FUNDING OPPORTUNITY NUMBER:** USDA-NIFA-NLGCA-009505



Questions???

Panelists

Toby Ahrens
Nurun Nahar

Please put your questions
in the Q and A Box

Questions/comments/feedback:
AdminOpsTeam.NIFA@usda.gov

Subject line: Grant Support Technical Assistance
Workshop