Funding Opportunities Weekly Digest–March 29, 2023

To notify the Office of Sponsored Programs (OSP) of your intent to apply for any of these or other grant opportunities, please submit a Proposal Intake Questionnaire to provide OSP with preliminary information.

Check out the Office of Sponsored Programs website to view more funding opportunities to consider.

Federal

Industrial Decarbonization and Emissions Reduction Demonstration to Deployment
This funding opportunity offers a critical opportunity to solidify a “first mover” advantage for US industry, bolstering its competitiveness globally for decades into the future. Activities funded under this opportunity are further expected to create good paying jobs for American workers, offer opportunities for broadly shared prosperity in communities, and enable a clean, more equitable future for all Americans. Demonstrating the technical and commercial viability of industrial decarbonization approaches will promote widespread technology implementation and drive a US edge in low- and net-zero carbon manufacturing.
Bureau of Land Management Headquarters Threatened and Endangered Species Program
The Bureau of Land Management Headquarters Threatened and Endangered Species Program works to conserve and recover federally listed and bureau sensitive animal and plant species and their habitat on public lands. The program also shares cooperative responsibility with other programs and partners for conservation of more than 2,700 non-listed BLM sensitive species with a goal of avoiding the need to list them in the future.
Application Deadline: 5/16/23 | View Opportunity

The Bureau of Land Management Headquarters Wildlife Program
The Bureau of Land Management Headquarters Wildlife Program is focused on ensuring self-sustaining populations and a natural abundance and diversity of wildlife on public lands for the enjoyment and use of present and future generations. The program is responsible for managing habitats for wildlife species that depend on public lands for all or part of their lifecycle. Program activities address habitat maintenance, restoration, and species conservation in cooperation with federal, state, tribal governments, private landowners, and non-governmental organizations.
Application Deadline: 5/16/23 | View Opportunity

Bureau of Land Management Headquarters Plant Conservation and Restoration Management Program
The Plant Conservation and Restoration Management Program continues to advance the Department of the Interior's priorities to address the climate crisis, restore balance on public lands and waters, advance environmental justice, and invest in a clean energy future.
Application Deadline: 5/16/23 | View Opportunity

Effects of Sound on Wildlife, Ecosystems, and Visitors in Units of the National Park System
The overall goals are to provide direct support to park managers by measuring
and interpreting responses of wildlife to noise, monitoring noise levels in parks and protected areas, and quantifying the benefits of managing or mitigating noise. The objectives are to advance sound source identification beyond its current manual state by developing and using machine learning techniques; to provide scientific support to National Park Service staff in parks, regions, and national offices by analyzing park acoustic monitoring data and publishing scientific reports and papers that elevate conservation; to engage a cadre of trained students of varying levels to analyze, interpret, and research acoustic analyses, and to support career development for young scientists.

Application Deadline: 6/1/23 | View Opportunity

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**Veterinary Diagnostic Laboratory Program**

The US Food and Drug Administration is soliciting applications from institutions and organizations for inclusion into the FDA's Veterinary Laboratory Investigation and Response Network Cooperative Agreement Program for Veterinary Diagnostic laboratories. This cooperative agreement program is intended to build domestic laboratory capacity as put forth in the *Food and Drug Administration Food Safety Modernization Act*, by developing the Vet-LIRN laboratory network capabilities and capacity to investigate potential animal foodborne illness outbreaks.

Application Deadline: 2/10/24 | View Opportunity

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**Minor Use Minor Species Development of Drugs**

This notice of funding opportunity is issued by the US Food and Drug Administration Center for Veterinary Medicine and solicits research project grant applications from institutions or organizations that propose to develop or support the development of designated new animal drugs intended for minor uses in major species or for use in minor species.

Application Deadline 6/12/23 | View Opportunity
**Network**

The goal of the Food and Agriculture Defense Initiative Extension Disaster Education Network (FADI-EDEN) program is to maximize the resilience of the US food and agriculture sector to biosecurity risks, extreme weather events and disasters, cyber threats and other shocks. It is necessary to mitigate threats to sustain the overall competitiveness of US agriculture to maintain an abundant food supply for people and livestock, to support the farmers, ranchers and workers who drive the US food and agriculture sector, and to sustain the vitality of rural communities, rural and urban agriculture infrastructure, and agricultural businesses.

Application Deadline: 5/11/23 | View Opportunity

**Food Assistance Proposal - Food for Progress Program**

The Food for Progress Program provides for the donation of US agricultural commodities to developing countries and emerging democracies committed to introducing and expanding free enterprise in the agricultural sector. The commodities are generally sold on the local market and the proceeds are used to support agricultural development activities. Food for Progress has two high-level strategic objectives: increase agricultural productivity and expand trade of agricultural products (domestically, regionally, and internationally).

Application Deadline: 5/24/23 | View Opportunity

**International Agricultural Education Fellowship Program Cooperative Agreement**

The International Agricultural Education Fellowship Program, in coordination with 4-H and Future Farmers of America, will provide opportunities to eligible US citizens to assist developing countries in establishing school-based agricultural education and youth extension programs. The program’s purpose is to connect US agriculturalists to the demand for experiential, school-based agricultural education in developing countries.

Application Deadline: 6/19/23 | View Opportunity

**Agriculture and Food Research Initiative—Sustainable Agricultural Systems**

National Institute of Food and Agriculture seeks creative and visionary applications that take a systems approach for projects that are expected to significantly improve the supply of affordable, safe, nutritious, and accessible agricultural products, while fostering economic development and rural prosperity in America. Outcomes of the work being proposed should result in societal benefits, including promotion of rural prosperity and enhancement of...
A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise
The National Science Foundation and the National Institutes of Health are interested in proposals that will propel our understanding of the biomedical research enterprise by drawing from the scientific expertise of the science of science policy research community.
Application Deadline: 9/11/23 | View Opportunity

Plant Genome Research Program
The Plant Genome Research Program supports genome-scale research that addresses challenging questions of biological, societal, and economic importance. This program encourages the development of innovative tools, technologies, and resources that empower a broad plant research community to answer scientific questions on a genome-wide scale.
Application Deadline: Accepted Anytime | View Opportunity

Division of Environmental Biology Core Programs
The Division of Environmental Biology Core supports research and training on evolutionary and ecological processes acting at the level of populations,
diversity of life and its interactions with the environment over space and time. Application Deadline: Accepted Anytime | View Opportunity

View NSF Funding Opportunities

International

Smith Center Accepting Award Nominations for 2023

The Smith Center for International Sustainable Agriculture was established with the vision of positioning the University of Tennessee Institute of Agriculture as an organizational leader for global engagement in the agricultural-related sciences among US land-grant institutions. We do this work by empowering UT faculty, staff, and students to be global change agents, who partner with others to develop and deploy sustainable solutions to the world’s complex, agriculture-related challenges. The Smith Center will present six awards across two award categories (faculty/staff and students) in 2023. Please consider nominating a deserving colleague or student for one of the following:

UTIA Faculty and Staff Global Engagement Awards

- Faculty Lifetime Achievement Award
- Faculty Global Excellence Award
- Outstanding Staff Global Engagement Award

Nominations are due April 21, 2023. Questions should be directed to Carrera Romanini at carrera@tennessee.edu or 865-974-7340.

Foundations and Nonprofits
Climate Change and Human Health Seed Grants
The Burroughs Wellcome Fund aims to stimulate growth of new connections between scholars working in largely disconnected fields who might together change the course of climate change’s impact on human health. Proposals will be accepted on a rolling basis through July 12, 2023.
Application Deadline: 7/12/23 | View Opportunity

2023 Seeding Solutions Request for Applications
Supports innovative projects that address challenges in food supply and agroecosystem management through novel partnerships. Such collaborations provide opportunities to engage stakeholders as integral members of the research team and increase the likelihood of a project’s application beyond its scope.
Application Deadline: 6/28/22 | View Opportunity

Theriogenology Residency Program
The American Kennel Club and Canine Health Foundation, in collaboration with the Theriogenology Foundation, continue their commitment to invest in the training of future veterinary specialists in the medical and surgical management, treatment, and research of canine reproductive health and disease and clinical genetics to ensure the health and well-being of purebred and purpose-bred dogs.
Application Deadline 5/18/23 | View Opportunity
Veterinary Student Scholar Proposals
The Morris Animal Foundation Veterinary Student Scholar program is a competitive granting opportunity for veterinary students to experience mentored research that advances the health and/or welfare of dogs, cats, equids, and wildlife.
Application Deadline: 6/7/23 | View Opportunity

Additional Opportunities:
UT Knoxville Office of Research, Innovation, and Economic Development
Pivot Funding Opportunities (Create your account)
Office of Sponsored Programs (Funding Opportunities to Consider)
Hanover Higher Education Research Grant Alerts (Funding Opportunities)

As a reminder, AgResearch and College of Veterinary Medicine faculty can work directly with Hanover grant consultants for assistance on grant proposal preparation. If you're interested in consultation services for a specific proposal, please visit our website and fill out a project request submission form.

If you have any questions or you would like to learn more about our work with these programs, please contact senior grants advisor Clinton Doggett for a brief conversation.
Grants Calendar: Early Career Research