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Funding Opportunities Weekly Digest–March 15, 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



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 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](#)



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](#)

Minor Use Minor Species Development of Drugs

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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](#)



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](#)

Food and Agriculture Defense Initiative Extension Disaster Education 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](#)

Higher Education Challenge Grants Program

Projects supported by the Higher Education Challenge Grants Program will address a state, regional, national, or international educational need; involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; encourage and facilitate better working relationships in the university science and education community, as well as

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the project duration and department support.

Application Deadline: 4/28/23 | [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 quality of life for all those involved in food and agricultural value chains from production to utilization and consumption.

Application Deadline: 7/13/23 | [View Opportunity](#)

Application Deadlines:

- **April 3:** [Veterinary Medicine Loan Repayment Program \(VMLRP\) Letter of Intent](#)
- **April 5:** [Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program](#)
- **April 10:** [Farm Business Management and Benchmarking \(FBMB\) Competitive Grants Program](#)
- **April 13:** [Smith-Lever Special Needs Competitive Grants Program](#)
- **April 13:** [Organic Agriculture Research and Extension Initiative](#)
- **April 17:** [Special Supplemental Nutrition Program for Women, Infants, and Children – National Workforce Strategy Development](#)
- **April 17:** [Veterinary Medicine Loan Repayment Program \(VMLRP\) Application](#)
- **April 19:** [Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program](#)

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WHERE DISCOVERIES BEGIN

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, species, communities, and ecosystems. The division encourages research that elucidates fundamental principles that identify and explain the unity and 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

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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



Environmental Protection Agency Historically Underserved Farmers Grant Program

The National Association of State Departments of Agriculture Foundation has been awarded \$3 million in cooperative agreement funding to help underserved farmers improve water quality, habitat resilience, and information exchange to benefit the ecosystems within the Gulf of Mexico Watershed. The foundation will award subgrants to recipients in the Ohio-Tennessee Region to provide technical assistance to underserved farmers on how to protect and improve water quality and habitat while also providing benefits for climate mitigation and adaptation. The funds will also be used to implement programs to prevent or reduce water pollution.

Application Deadline: 4/15/23 | [View Opportunity](#)



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](#)

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Animal Behavior and Cognition

The National Geographic Society is launching a rigorous global effort to find three of the best scientists doing field research on animal behavior and cognition. The selection process will focus on identifying individuals doing fieldwork with the potential to develop into a high-value, long-term research program.

Application Deadline: 4/12/23 | [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](#)

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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](#)

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Contact Us

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