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Funding Opportunities Weekly Digest–April 12, 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.

Opportunity for faculty! Responsible Conduct of Research (RCR) College Ambassadors

The Provost and the Vice Chancellor for Research, Innovation and Economic Development invite applications for the Responsible Conduct of Research (RCR) College Ambassadors to support [National Security Presidential Memorandum 33 \(NSPM-33\)](#) and the [Creating Helpful Incentives to Produce Semiconductors and Science Act of 2022 \(CHIPS Act\)](#). The RCR College Ambassadors will be RCR mentors and resources for their colleges/institute and consult with the Office of Research, Innovation and Economic Development (ORIED) on RCR policy. This ambassadorship entails completion of an RCR course, an annual Ambassador Retreat, and College Ambassador meetings every other month. The Ambassadors will be appointed on a rotating basis for a two-year period and will include a \$10,000 stipend/year. Information and application (due May 9) can be [found online](#). If you have questions, please contact researchintegrity@utk.edu.

Federal

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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 while helping to substantiate a market for low-carbon products.

Application Deadline: 8/4/23 | [View Opportunity](#)



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 Bureau of Land Management sensitive species with a goal of avoiding the need to list them in the future

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](#)

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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](#)



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](#)



Potato Breeding Research

The purpose of this grant program is to support potato research programs that focus on varietal development and testing and potato varieties for commercial production. As used herein, varietal development and testing is research using

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variety development.

Application Deadline: 5/18/23 | [View Opportunity](#)

National Food and Agricultural Sciences Teaching Extension and Research Awards

The purpose of Teaching Extension and Research award is to recognize and promote excellence in teaching, extension, and research in the food and agricultural sciences at a college or university.

Application Deadline: 5/24/23 | [View Opportunity](#)

Alfalfa Seed and Alfalfa Forage System Program

Alfalfa Seed and Alfalfa Forage System Program will support the development of improved alfalfa forage and seed production systems. Proposals submitted should address one or more of the following priorities: (1) Improving alfalfa forage and seed yield through better nutrient, water and/or pest management; (2) Improving persistence of alfalfa stands by lessening biotic or abiotic stresses; (3) Improving alfalfa forage and seed harvesting and storage systems to optimize economic returns; (4) Improving estimates of alfalfa forage quality as an animal feed to increase forage usage in animal feeds; and/or (5) Breeding to address biotic and abiotic stresses that impact forage yield and persistence and the production of seed for propagation.

Application Deadline: 5/25/23 | [View Opportunity](#)

Agricultural Genome to Phenome Initiative

The National Institute of Food and Agriculture's Agricultural Genome to Phenome Initiative focuses on collaborative science engagement that intends to develop a community of researchers across both crops and animals that will lay the foundation for expanding knowledge concerning genomes and phenomes of importance to the agriculture sector of the United States. Success of the initiative will inform approaches to understanding how variable weather, environments, and production systems interact with genetic diversity present in crops and animals to impact growth and productivity. This will provide greater accuracy in predicting crop and animal performance under variable conditions and more efficient selection of well-adapted, superior genotypes that farmers and ranchers can produce.

Application Deadline: 6/1/23 | [View Opportunity](#)

Food and Agricultural Education Information System

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and agricultural sciences through an annual online survey. These data include student enrollment, graduation, and job placement as well as faculty data including salaries. The data is disaggregated by degree program and level, gender, and ethnicity.

Application Deadline: 6/1/23 | [View Opportunity](#)

National Needs Graduate and Postgraduate Fellowship Grants Program

This grant program supports training students for master's and doctoral degrees in food, agricultural and natural resource sciences and Special International Study or Thesis/Dissertation Research Travel Allowances for eligible USDA NNF beneficiaries..

Application Deadline: 6/8/23 | [View Opportunity](#)

Wild Cervid Chronic Wasting Disease Management and Response Activities

This funding opportunity is provided to control and prevent Chronic Wasting Disease in wild cervids, including the development and/or implementation of Chronic Wasting Disease surveillance, testing, management, prevention, and response activities.

Application Deadline: 6/12/23 | [View Opportunity](#)

Farmed Cervid Chronic Wasting Disease Management and Response Activities

This funding opportunity is provided to control and prevent Chronic Wasting Disease in farmed cervids through the development and/or implementation of Chronic Wasting Disease surveillance, testing, management, and response activities, including the use of funds for the indemnification and removal of affected farmed cervid herds and exposed cervids as part of an overall management plan.

Application Deadline: 6/12/23 | [View Opportunity](#)

Application Deadlines:

- **April 27:** [Integrated Research, Education, and Extension Competitive Grants Program – Organic Transitions](#)
- **April 27:** [Supplemental and Alternative Crops](#)
- **April 27:** [Beginning Farmer and Rancher Development Program](#)
- **April 28:** [Higher Education Challenge Grants Program](#)
- **April 28:** [Rural Health and Safety Education Competitive Grants Program](#)
- **May 3:** [Equipment Grant Program](#)

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- **May 4:** [The Gus Schumacher Nutrition Incentive Program Nutrition Incentive Program - Training, Technical Assistance, Evaluation, and Information Centers](#)
- **May 5:** [Distance Education Grants for Institutions of Higher Education in Insular Areas](#)

[View NIFA Funding Opportunities](#)

Environmental Sustainability

The goal of the Environmental Sustainability program is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival.

Application Deadline: Accepted Anytime | [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, 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](#)

Foundations and Nonprofits



Access to Veterinary Care Research

Proposals that address Access to Veterinary Care from any angle (e.g., medical, legal, AVC impact, program delivery, community engagement, veterinary engagement). Ideally, the research will establish tools or guidelines that veterinary professionals and organizations can use to improve access to veterinary care.

Application Deadline: 7/31/23 | [View Opportunity](#)

Applied Behavior Research

Proposals that inform the development or refinement of evidence based shelter behavior protocols. Research that addresses common behavior concerns in shelter populations that lead to euthanasia is of particular interest.

Application Deadline: 7/31/23 | [View Opportunity](#)

Cruelty Research

Proposals that address animal cruelty from any angle (e.g., public policy, law, criminal justice, criminology, veterinary forensics, community engagement, prevention/intervention, human behavior change). Of particular interest is research that analyzes the effectiveness of legislative and other policy measures designed to prevent and/or respond to cruelty. Also of interest is research that heightens awareness of animal cruelty and builds knowledge that informs and engages key community stakeholders and allied professionals in preventing and responding to this animal welfare issue.

Application Deadline: 7/31/23 | [View Opportunity](#)

Psychological Trauma Research

Proposals related to developing novel approaches to the documentation of animal cruelty and neglect in the absence of physical trauma. Proposals are encouraged from any relevant discipline (e.g., physiology, psychology, ethology). Of particular interest is research that focuses on objective measures, including biomarkers and quantitative behavioral phenotyping.

Application Deadline: 7/31/23 | [View Opportunity](#)

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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](#)



Therigenology Residency Program

The American Kennel Club and Canine Health Foundation, in collaboration with the Therigenology 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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