

## FEDERAL



**Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science** - The goal of this program is to invest in agricultural production research, education, and extension projects for more sustainable, productive and economically viable plant and animal production systems. The global agricultural output needs to be expanded significantly to meet the food needs of the population expected in 2050; thus, it is imperative to develop innovative, safe and sustainable management strategies for livestock, crops, and critical underlying resources.

**Application Deadline: beginning 3/12/20** [See AFRI Deadlines](#) [View Grant Opportunity](#) [View RFA](#)

**Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program (WAMS)** - The purpose of this program is to support research and extension activities that increase the number of women and underrepresented minorities from rural areas who will pursue and complete a postsecondary degree in science, technology, engineering or mathematics (STEM) disciplines.

**Application Deadline: 02/24/20** [View Grant Opportunity](#) [View RFA](#)

**Beginning Farmer and Rancher Development Program (BFRDP)** - The purpose of this funding is to support the delivery of education, mentoring, and technical assistance programs to help beginning farmers and ranchers in the United States (U.S.) and its territories with entering, establishing, building and managing successful farm and ranch enterprises.

**Application Deadline: 03/19/20** [View Grant Opportunity](#) [View RFA](#)

**Higher Education Challenge (HEC) Grants Program**- The purpose of this project is to enable colleges and universities to provide the quality of education necessary to produce baccalaureate or higher degree level graduates capable of strengthening the nation's food and agricultural scientific and professional workforce.

**Application Deadline: 03/23/20** [View Grant Opportunity](#) [View RFA](#)

**Organic Transitions (ORG)**- The goal of this program is to support the development and implementation of research, extension and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices.

**Application Deadline: 02/27/20** [View Grant Opportunity](#) [View RFA](#)

**VIEW ADDITIONAL [NIFA FUNDING OPPORTUNITIES](#)**



**National Artificial Intelligence (AI) Research Institutes-** Artificial Intelligence (AI) has advanced tremendously and today promises personalized healthcare; enhanced national security; improved transportation; and more effective education, to name just a few benefits. Increased computing power, the availability of large datasets and streaming data, and algorithmic advances in machine learning (ML) have made it possible for AI development to create new sectors of the economy and revitalize industries. Continued advancement, enabled by sustained federal investment and channeled toward issues of national importance, holds the potential for further economic impact and quality-of-life improvements.

**Application Deadline: 01/30/20** [View Grant Opportunity](#) **NSF 20-503**

**Science and Technology Studies-** The Science and Technology Studies (STS) program supports research that uses historical, philosophical, and social scientific methods to investigate the intellectual, material, and social facets of the scientific, technological, engineering and mathematical (STEM) disciplines. It encompasses a broad spectrum of topics including interdisciplinary studies of ethics, equity, governance, and policy issues that are closely related to STEM disciplines.

**Application Deadline: 02/23/20** [View Grant Opportunity](#) **NSF 19-610**

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**2020 Wood Innovations Program-** Requesting proposals to substantially expand and accelerate wood energy and wood products markets and wood energy markets. To reduce hazardous fuels and improve forest health; reduce costs of forest management; and promote economic and environmental health communities.

**Application Deadline: 01/15/20** [View Grant Opportunity](#)

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**Physiologically-based pharmacokinetic/pharmacodynamic model extrapolation to human from rabbit for ophthalmic drug products** - The purpose of this funding opportunity is to support research relevant to ophthalmic drug products that will predict human ocular pharmacokinetics (PK) and pharmacodynamics (PD) through interspecies extrapolation by physiologically based modeling. Upon the successful completion of this research, we should be able to understand the current existing knowledge gaps and potential solutions for the human model extrapolation from the animal models.

**Application Deadline: 02/27/20** [View Grant Opportunity](#) **RFA-FD-20-018**

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## Funding Opportunities Weekly – January 7, 2020

**Vet-LIRN Network Capacity-Building Projects-** The purpose of this Funding Opportunity Announcement is to support enhanced human and animal food safety by strengthening the capacity, collaboration, and integration of food-safety laboratories and networks, thereby facilitating an effective and coordinated response to future human and animal food safety issues. This cooperative agreement program is intended to build domestic laboratory capacity as put forth in the Food Safety Modernization Act (FSMA), by developing the Vet-LIRN laboratory Network capabilities and capacity to investigate potential animal food-borne illness outbreaks.

**Application Deadline: 09/20/23** [View Grant Opportunity](#) **PAR-18-604**

**Local Food Producer Outreach, Education, and Training to Enhance Food Safety and FDA Food Safety Modernization Act (FSMA) Compliance** - The primary objective of this cooperative agreement is to provide training, education, and outreach, address training gaps and to facilitate identification of appropriate technical assistance resources for local food producers and processors related to applicable federal preventive controls regulations under FSMA, especially the Produce Safety and Preventive Controls for Human Food rules. Research to evaluate the program should also be completed, which includes data collection and analysis, to assess the impact of education, outreach and technical assistance on addressing training/knowledge gaps of the target audience previously identified.

**Application Deadline: 01/28/20** [View Grant Opportunity](#) **RFA-FD-20-006**

**NARMS Cooperative Agreement Program to Enhance and Strengthen Antibiotic Resistance Surveillance in Retail Food Specimens** - The purpose of this FOA is to protect and promote public health by enhancing, strengthening and sustaining antibiotic resistance surveillance in retail food specimens within the NARMS program. The NARMS cooperative agreements will improve the detection of antibiotic resistance among enteric bacteria in food commodities, as well as potentially develop new sites as part of the program. Measurable outcomes of the program will be in alignment with the NARMS Objectives.

**Application Deadline: 05/01/20** [View Grant Opportunity](#) **PAR-16-099**

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**U.S. Meat Industry Sustainability in International Markets** - The purpose of this RFP is to seek proposals to study the feasibility for incorporating a Sustainable U.S. Soy logo on U.S. pork, poultry, and egg exports and to determine ways to track usage and conversion back to the volume of sustainable U.S. soy exported through the U.S. Soy Sustainability Assurance Protocol.

**Application Deadline: 1/17/20** [View Grant Opportunity](#)

### FOUNDATIONS AND NON-PROFIT



**2020 Seeding Solutions-** Choose from 6 challenge areas which aim to solve large-scale agricultural problems, while understanding broad implications and impacts.

**Application Deadline: 02/26/20** [View Grant Opportunity](#)

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**Five Star and Urban waters Restoration Grant Program 2020 Request for Proposals-** This grant program seeks to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships focused on improving water quality, watersheds and the species and habitats they support.

**Application Deadline: 01/30/2020** [View Grant Opportunity](#)

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**Investigating Novel Device to Reduce Epileptic Seizures-** Researchers will evaluate a novel wearable wireless collar device to help improve treatment of canine epilepsy. The device, adapted specially for dogs from a human epilepsy therapy device, stimulates a nerve in the neck that connects the brain to the heart. The investigators will test whether the device effectively causes detectable changes in heart rate and brainwaves in dogs. Identifying noninvasive and nonpharmaceutical therapies for epileptic dogs will increase the available treatment strategies for this frustrating disease.

**Application Deadline: 06/01/20** [View Grant Opportunity](#) Study ID: D20CA-840

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## Funding Opportunities Weekly – January 7, 2020



**2020 Access to Veterinary Care** - Grant awards will support veterinary programs at Colleges/Schools of Veterinary Medicine that train veterinary students serving a community of need, where a lack of accessible veterinary services has been identified. The community need may be due to a variety of barriers, including but not limited to: language, culture, socioeconomic status, or access to transportation.

**Application Deadline: 03/04/20** [View Grant Opportunity](#)

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**Addressing Evidence-based Health Benefits of Human-Animal Interaction-** The purpose of this proposal is to investigate the health outcomes of pet ownership and/or animal-assisted activity or therapy, both for the people and the animals involved.

**Application Deadline: 02/13/20** [View Grant Opportunity](#)

## INTERNAL FUNDING



**One UT Collaboration and Innovation Grants-** The goal of this new program is to support innovative ideas, create collaborative opportunities and advance the university in three key areas – **student success, research and outreach and engagement.**

**Application Deadline: 02/03/20** [View Grant Opportunity](#)

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**Additional Opportunities:**

[Pivot Funding Opportunities](#) – Create your account

[Office of Sponsored Programs](#) – Funding Opportunities to Consider

[Higher Education Research Grant Alerts](#) – Research Funding Opportunities