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## Funding Opportunities Weekly Digest–October 5, 2022

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**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.**

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Internal



### **2022 UTRF Maturation Grant Funding Program: Call for Submissions**

The UTRF Maturation Grant Funding program aims to assist University of Tennessee innovators in advancing new technologies on the path to market by awarding up to \$15,000 in direct costs to the highest ranking proposals. The program is open to researchers, faculty, staff, and students across all UT campuses and institutes.

**PLEASE SUBMIT PIQ by 10/7/22** | Application Deadline: 10/21/22 | [View Opportunity](#)



### **Fertilizer Production Expansion Program**

The Biden-Harris Administration is making \$500 million in grants available to increase American-made fertilizer production to spur competition and combat price hikes on US farmers caused by the war in Ukraine. Grants will be used to support independent, innovative, and sustainable American fertilizer production to supply American farmers. Funds also will expand the manufacturing and processing of fertilizer and nutrient alternatives in the US and its territories.

Application Deadlines: 11/14/22 and 12/29/22 | [View Opportunity](#)

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United States Department of Agriculture  
National Institute of Food and Agriculture

### **National Institute of Food and Agriculture has announced a new program priority area:**

#### **Center of Excellence for Meat and Poultry Processing and Food Safety Research and Innovation**

The program priority area will incorporate basic and applied science, engineering in meat and poultry processing, and food safety-related disciplines to promote technological innovation and lower barriers to entry for the industry.

Application Deadline: 11/3/22 | [View Opportunity](#)

### **Please see [Updated RFA](#) for NIFA's Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program**

#### **Sustainable Agriculture Research and Education (SARE) Regional Host Institution**

NIFA is seeking applications from eligible institutions interested in serving the SARE program as either a regional host institution or as the program's National Reporting, Coordinating and Communications Office.

Application Deadline: 11/14/22 | [View Opportunity](#)

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Enabling institutions to build and sustain the next generation of the food, agriculture, natural resources, and human sciences workforce including the future USDA workforce primarily through providing student scholarship support; meaningful paid internships, fellowships, and job opportunity matching; and also facilitating opportunities to learn the processes and pathways leading to training and employment in the federal sector.

Application Deadline: 11/15/22 | [View Opportunity](#)

[View NIFA Funding Opportunities](#)



### **Research and Development of Biotechnological Tools for White-nose Syndrome (WNS)**

White-nose syndrome has caused the deaths of millions of bats in North America. The disease is caused by an invasive fungus. This opportunity will advance projects that leverage knowledge about WNS, fungal pathogens, invasive species, wildlife diseases, and other relevant topics to produce enduring solutions to the disease in North America. We seek management solutions that are pathogen-specific, effective, scalable, and safe for native biota and environments.

Application Deadline: 3/31/2023 | [View Opportunity](#)



### **Sustainability Position of US Pork Compared to Pork of Other Origins**

The National Pork Board is soliciting proposals that will produce science- and data-driven performance information on how US pork production performs on sustainability parameters.

**Application Deadline: 10/22/22** | [View Opportunity](#)

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WHERE DISCOVERIES BEGIN

### **Ecology and Evolution of Infectious Diseases**

The multi-agency Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, organismal, and social drivers that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be the quantitative, mathematical, or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease (re)emergence and transmission and testing mathematical or computational models that elucidate infectious disease systems.

Application Deadline: 11/16/22 | [View Opportunity](#)

[View NSF Funding Opportunities](#)



### **Advanced Training in Artificial Intelligence for Precision Nutrition Science Research**

The goal is to build a future workforce that will be able to use growing data resources to tackle complex biomedical challenges in nutrition science that are beyond human intuition. It is expected that such research will lead to the development of innovative solutions to combat diet-related chronic diseases and nutrition disparities within the mission areas of the participating NIH Institutes and Offices.

LOI Due: 11/8/22 | Application Deadline: 12/8/22 | [View Opportunity](#)

### **Genetic Tools for Understanding Rickettsial and Related Infections**

This funding opportunity will provide support to the generation and functional characterization of mutant libraries for rickettsial species that cause infections in humans, and to the application of these new tools to better understanding the biology of rickettsial pathogens.

LOI Due: 1/14/23 | Application Deadline: 2/14/23 | [View Opportunity](#)

[View NIH Funding Opportunities](#)

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## Foundations and Non-profits



### **Addressing Evidence-based Health Benefits of Human-Animal Interactions**

HABRI is issuing a call for research proposals to investigate the health outcomes of pet ownership and/or animal-assisted interventions or therapy, both for the people and the animals involved. Proposals should have a strong theoretical framework and focus on innovative approaches to studying the health effects of companion animals on humans within the following broad categories: child health and development; healthy aging; and mental and physical health and wellness. In an effort to help address larger societal challenges, proposals that have potential to impact current public health crises or issues at the forefront of public concern are welcomed. Topics include impacts on diverse and under-represented populations, social isolation and loneliness, suicide prevention, addiction, trauma and/or post-traumatic stress, obesity, and heart health.

Application Deadline: 2/16/22 | [View Opportunity](#)

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### **Fellowship Training Research Proposals**

Fellowship Training grants are designed to assist new investigators in launching a successful research career by providing salary support in a quality mentoring environment.

Application Deadline: 12/2/22 | [View Opportunity](#)

### **Veterinary Student Scholar Proposals**

This program helps provide veterinary students the opportunity to become involved in mentored research that advances the health and/or welfare of dogs, cats, horses, or wildlife.

Application Deadline: 12/9/22 | [View Opportunity](#)

### **Study of Domestic Equid Health**

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Application Deadline: 12/16/22 | [View Opportunity](#)

[View Morris Animal Foundation Funding Opportunities](#)

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## 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)

This [resource center](#) link provides weekly updates.



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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*Please send suggestions and additional funding opportunities to [aggrant@tennessee.edu](mailto:aggrant@tennessee.edu).*

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