Funding Opportunities Weekly Digest–October 5, 2022

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.

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

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
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

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
**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](#)

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**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](#)
Adressing 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

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
All proposals should advance the science of the health and overall welfare of domestic horses, ponies, mules, or donkeys.

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.

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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).*