Funding Opportunities Weekly Digest–July 13, 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.

National Priorities: Research on Disinfectants, Disinfection By-Products (DBPs), and Opportunistic Pathogens in Drinking Water Distribution Systems

Ensuring clean and safe drinking water is important for protecting human health
and the environment. Opportunistic pathogen and disinfection by-product (DBP) contaminants in drinking water distribution systems remains a water quality issue that is prevalent across the nation. More information is needed on the occurrence of DBPs and opportunistic pathogens, along with identifying environmental conditions and niches favorable to colonization, microbial growth, and propagation in drinking water distribution systems. This research will help inform water infrastructure management and risk-mitigation practices to ensure safe drinking water. This opportunity will solicit innovative research to address knowledge gaps on the occurrence of pathogens and DBPs in drinking water distribution systems across the US.

Application Deadline: 8/31/22 | View Opportunity

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**USDA**

**Competitive Cooperative Agreement Award To Establish a USDA RIDGE Partnership for Food and Nutrition Assistance Research**

Inviting applications from university-based institutions for a competitive cooperative agreement award to establish a RIDGE Partnership for Food and Nutrition Assistance Research. The RIDGE Program encourages new and innovative research on food and nutrition assistance issues and broadens the participation of social science scholars in such research.

Application Deadline: 9/7/22 | View Opportunity

**Equitable Access in Child Nutrition Programs**

Funding will be provided to the selected grantee for fiscal year FY 2023 through FY 2026 to a public or private academic or research institution. The majority of these funds shall be awarded by the grantee as sub-grants through a competitive process to public or private academic, not-for-profit, or state or local
as well as strategies to help overcome these barriers.
Application Deadline: 9/12/22 | View Opportunity

The US Department of Agriculture’s Animal and Plant Health Inspection Service (APHIS) Announces Open Period for 2022 Funding Opportunities Supporting Animal Disease Preparedness and Response Activities
APHIS is continuing to advance animal disease preparedness and response through its farm bill animal health programs. These programs are a part of an overall strategy to help prevent animal pests and diseases from entering the US and reduce the spread and impact of potential disease incursions through advance planning and preparedness.
Application Deadline: 9/9/22 | View Opportunity

Bioproduct Pilot Program
The Bioproduct Pilot Program seeks to study the benefits of using materials derived from covered agricultural commodities for manufacture of construction and consumer products. This program directs the USDA to partner with no less than one qualified institution to support the scale-up of sustainable bioproduct manufacturing with the goal of providing a low-cost alternative to conventional products.
Application Deadline: 8/31/22 | View Opportunity
National Institute of Food and Agriculture has announced the AFRI 2022 deadlines. To notify OSP of an upcoming proposal, complete the new online Proposal Intake Questionnaire as soon as you start planning to provide preliminary information about your prospective proposal.

- **Multiple Deadlines:** AFRI Education and Workforce Development Program

Please recall that there are broader global collaborative efforts available with Ireland and Northern Ireland for certain applications. Contact Tom Gill if you are planning or need assistance to develop partnerships.

All applicants who meet the eligibility requirement as a New Investigator will also be eligible to apply for a seed grant, as well as for a New Investigator (standard) grant. | Helpful Hints for New Investigator

View NIFA Funding Opportunities

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**Paleo Perspectives on Present and Projected Climate (P4CLIMATE)**

Much can be learned about the climate system using existing historical observations and models of current climate, but those records and models do not reflect the range of climate behavior on multi-decadal to millennial time scales, or capture tipping points, thresholds, and other key features of the climate system. For that, data from geological records or other environmental archives are required. The goal of the interdisciplinary P4CLIMATE solicitation
is to utilize observational and modeling studies to provide paleo perspectives addressing the two research themes: 1) past regional and seasonal climate; and 2) past climate forcing, sensitivity, and feedbacks.
Application Deadline: 10/20/22 | View Opportunity

Building Synthetic Microbial Communities for Biology, Mitigating Climate Change, Sustainability, and Biotechnology (Synthetic Communities)
The goal of this opportunity is to support research that addresses one or more of three themes: 1) define the underlying mechanisms or rules that drive the formation, maintenance, or evolution of synthetic microbial communities; 2) use synthetic microbial communities to address fundamental biological questions, including questions in molecular biology, cellular/organismal biology, ecology, and evolution; and/or 3) build synthetic communities with biotechnology, bioeconomy, or environmental engineering applications, including but not limited to the production of novel biorenewable chemicals, biodegradation of recalcitrant or forever chemicals, enabling a circular bioeconomy, fostering sustainable agriculture, and mitigating the impacts of climate change.
Application Deadline: 10/3/22 | View Opportunity
2022 International Consortium for Antimicrobial Stewardship (ICASA) in Agriculture Funding Opportunity
ICASA is seeking novel research that improves our understanding of liver abscess pathobiology, epidemiology, and metaphylactic treatment in beef cattle.
**LOI Due: 7/27/22 | Application Deadline: 8/24/22 | View Opportunity**

Grant Opportunity For Researchers Interested in Inflammatory Bowel Disease (IBD)
The Kenneth Rainin Foundation believes that early support for innovative ideas can lead to improvements in preventing, diagnosing, and treating IBD. Our investments enable researchers worldwide to test ideas, gather and share data, and collaborate to advance the understanding of IBD.
**LOI Due: 9/30/22 | Full Proposals by invitation due: 1/27/23 | View Opportunity**
The Modernizing Agriculture Activity (ModAg)
The objective of this activity is to increase incomes and improve nutritional outcomes by sustainably increasing agricultural productivity and strengthening domestic consumption and markets for high-value and nutritious agricultural products. This activity will seek to address the following overarching problem: Rwanda's agricultural sector is unable to realize its full potential to drive inclusive growth, food security, and nutrition because it lacks strong linkages to profitable markets and sufficient financing it experiences inadequate use of production-enhancing technologies and inefficient farmer support services it and operates in a constrained enabling environment that disincentivizes private-sector investment and engagement.
Application Deadline: 8/17/22 | View Opportunity

FAS International Internship Program
This opportunity will support placement of eligible graduate students with USDA offices overseas to assist with representing US agricultural interests and increasing trade abroad.
Application Deadline: 8/5/22 | View Opportunity
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](https://mailchi.mp/tennessee/osp-newsletter-7-13-2022?e=726ad51c0f) 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](https://www.agresearch.tennessee.edu/) and fill out a [project request submission form](https://www.agresearch.tennessee.edu/).

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](mailto:clinton.doggett@tennessee.edu) for a brief conversation.

**Grants Calendar: STEM Programs**

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