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## Funding Opportunities Weekly Digest – October 13, 2020

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Crop Science

### **Bayer's [Grants4Ag](#) program**

Provides financial support for novel, early-stage scientific innovations that can contribute to Feeding the World Without Starving the Planet!

Application Deadline: 10/30/20

- **Fighting pests whilst preserving biodiversity** [View RFP](#)  
Weeds, pests and diseases have a devastating impact on crop productivity and yield. In order to feed a growing population, there is no singular approach to protecting the crops we grow.
- **Reducing chemical input and enhancing soil health** [View RFP](#)  
We know that we need pragmatic and innovative approaches to maintaining yields of our crops to helping feed a growing population whilst minimizing chemical inputs and protecting soil health.
- **Accelerating precision agriculture** [View RFP](#)  
Digital innovation is the next great frontier in agriculture. We aim to accelerate advances in genomics, phenomics and artificial intelligence to develop solutions to our shared challenges.

## Federal



### **Agriculture and Food Research Initiative (AFRI)**

**Agriculture and Food Research Initiative (AFRI)** [Deadlines FY 2021 and 2022](#)

[View AFRI Foundational Grant Opportunity](#) | [RFA FY 2021 and 2022](#)

[View Additional NIFA Funding Opportunities](#)



### **Announcement for Program Funding for NRCS's Regional Conservation Partnership Program – FY 2020 & 2021**

Application Deadline: 11/4/20 | [View Opportunity](#)

### **Community Connect Grant Program**

Application Deadline: 12/23/20 | [View Opportunity](#)



### **NOAA-Climate Program Office FY 2021**

Application Deadline: 11/30/20 | [View Opportunity](#)



### **DARA Young Faculty Award**

Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues.

Application Deadline: 1/8/21 | [View Opportunity](#)

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### **University Turbine Systems Research (UTSR) - Focus on Hydrogen Fuels**

The anticipated objective of the planned FOA is to solicit and competitively award university-based research and development projects that address and resolve scientific challenges and applied engineering technology issues associated with advancing the performance and efficiency of combustion turbines in combined cycle, and simple cycle applications when fueled with hydrogen fuels, natural gas & hydrogen mixtures, and hydrogen carriers.

Application Deadline: 12/15/20 | [DE-FOA-0002428](#)

### **Enabling Gasification of Blended Coal, Biomass and Plastic Wastes to Produce Hydrogen with Potential for Net Negative Carbon Dioxide Emissions**

Application Deadline: 11/22/20 | [View Opportunity DE-FOA-0002376](#)

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## **Interventions and Communication Strategies to Reduce Health Risks of Wildland Fire Smoke Exposures**

As part of its Science to Achieve Results (STAR) program, is seeking applications proposing research that will address behavioral, technical and practical aspects of interventions and communication strategies to reduce exposures and/or health risks of wildland fire smoke.

Application Deadline: 12/15/20 | [View Opportunity](#)

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### **Arctic Goose Joint Venture 2020**

Application deadline: 11/20/20 | [View Opportunity](#)

### **2021 National-Ground Water Monitoring Network**

Application Deadline: 1/21/21 | [View Opportunity](#)

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### **Center for Early Lifestage Vulnerabilities to Environmental Stressors**

Application Deadline: 11/12/20 | [View Opportunity](#) | [View RFA](#)

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[Coronavirus Disease 2019 \(COVID-19\): Information for NIH Applicants and Recipient](#)

[View Additional NIH Funding Opportunities](#)



### **Transitions to Excellence in Molecular and Cellular Biosciences Research**

This funding mechanism is designed to facilitate and promote a PI's ability to effectively adopt empowering technologies that might not be readily accessible in the PI's current research environment or collaboration network.

Proposals Accepted Anytime | [NSF 21-508](#)

### **Division of Molecular and Cellular Biosciences: Investigator-initiated research projects**

Supports quantitative, mechanistic, predictive, and theory-driven fundamental research designed to promote understanding of complex living systems at the molecular, subcellular, and cellular levels.

Proposals Accepted Anytime | [NSF 21-509](#)

### **Plant Genome Research Program**

Proposals Accepted Anytime | [NSF 21-507](#)

### **Sustaining Infrastructure for Biological Research**

Proposals Accepted Anytime | [NSF 21-503](#)

### **Division of Environmental Biology**

Proposals Accepted Anytime | [NSF 21-504](#)

### **Infrastructure Innovation for Biological Research**

Proposals Accepted Anytime | [NSF 21-502](#)

### **Sustainable Regional Systems Research Networks**

Application Deadline: 1/11/21 | [NSF 20-611](#)

### **Research on Emerging Technologies for Teaching & Learning**

Application Deadline: 1/25/21 | [NSF 20-612](#)

### **GROWING CONVERGENCE RESEARCH (GCR)**

"Big Ideas", 10 bold, long-term research and process ideas that identify areas for future investment at the frontiers of science and engineering. The Big Ideas represent unique opportunities to position our Nation at the cutting edge of global science and engineering leadership by bringing together diverse

disciplinary perspectives to support convergence research. This GCR solicitation targets multi-disciplinary team research that crosses directorate or division boundaries and is currently not supported by NSF programs, initiatives and research-focused Big Ideas

Application Deadline: 2/1/20 | [NSF 19-551](#)

### **Formal Methods in the Field**

Application Deadline: 2/16/20 | [NSF 20-613](#)

### **Future of International Research Collaboration Post COVID-19**

Invites Rapid Response Research (RAPID) and EARly-concept Grants for Exploratory Research (EAGER) proposals for research to clarify lessons from the COVID-19 pandemic for international collaboration and research to strengthen international collaboration in the future. Proposals must focus on research topics unique to international engagement.

Application Deadline: 3/31/21 | [NSF 20-132](#)

### **Mid-scale Research Infrastructure**

Emphasizes strong scientific merit, a response to an identified need of the research community or fulfillment of a national need to enable U.S. researchers to be competitive in a global research environment. The Mid-scale RI-1 Program seeks broad representation of PIs and institutions in its award portfolio, including a geographically diverse set of institutions and PIs who are women, early-career researchers, members of underrepresented minorities, and persons with disabilities.

Application deadline 4/23/21 | [NSF 19-537](#)

[View Additional NSF Funding Opportunities](#)

**State**



### **Healthy Built Environment Grants**

LOI due: 10/29/20 | Application Deadline: 12/2/20 | [View Opportunity](#)

## Foundations and Nonprofit



### **20 Years Strong America Walks - Community Change Grants**

This program will award grantees \$1,500.00 in community stipends for projects related to creating healthy, active, and engaged places to live, work, and play.

Application Deadline 11/9/20 | [View Opportunity](#) | [Apply Here](#)

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### **Finding Opportunity in Appalachia's Opportunity Zones**

[Opportunity Zones](#) are a powerful incentive for investors seeking new ventures that can benefit Appalachian communities, and a chance for deserving projects to attract new capital.

10/28/20 [Learning Session](#)

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### **Do Dog Breeds Differ in Pain Sensitivity?**

Application Deadline: 02/28/22 | [View Opportunity](#)

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### **NCGA Accepting Applications for 2020 Scholarships**

Application Deadline: 12/4/20 | [View Opportunity](#)

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### Cross-disciplinary Research involving Analog-Digital Integrated Circuits

Application Deadline: 12/10/20 | [View Opportunity](#)

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### Climate Resilience

Matching funds will be provided by the [Bill & Melinda Gates Foundation](#) and are not required from researchers. [Next Generation Crops Challenge Area](#).

Application Deadline: 11/11/20 | [View Opportunity](#)

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### 2021 Youth Garden Grant

Application deadline: 12/18/20 | [View Opportunity](#)

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**Morris Animal**  
FOUNDATION

### Call for Wildlife/Exotics Grant Proposals

Application Deadline: 11/11/20 | [View Opportunity](#) | [Create a Fluxx Account](#)

### Call for Studies Addressing Canine Perianal Fistulas

Program is being funded by the American German Shepherd Dog Charitable Foundation Inc, who has generously supported Morris Animal Foundation for 13 years. The donor is interested in projects focused on German shepherd dogs, with this breed comprising more than 80% of the relevant patient population.



Application Deadline: 12/2/20 | [View Opportunity](#)

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### 2021 NRA Foundation Grant

Application Deadline: 11/20/20 | [View Opportunity](#)

**Notify us ASAP at [aggrant@utk.edu](mailto:aggrant@utk.edu) or [extensiongrant@utk.edu](mailto:extensiongrant@utk.edu) of your intent to apply!**

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**2020 SeedMoney Challenge!** November 15 to December 15.

[Apply Here](#) | [View Opportunity](#) | [Grant Instructions](#)

### Aim for a Garden Grant

315 Challenge grants for food garden projects are up for grabs.

Application Deadline: 11/12/20 | [Learn More & Apply Here](#)

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**TEMPLETON WORLD**

CHARITY FOUNDATION

### Grand Challenges for Human Flourishing

A new program of the Templeton World Charity Foundation, has launched a request for proposals to identify opportunities for human flourishing and ways to address them through rigorous research. Templeton World Charity Foundation has committed \$60 million to support new scientific research on human flourishing and to translate related discoveries into practical tools. We hope that these resources will help a diverse group of researchers and innovators discover new knowledge, develop new tools, and launch new practices or

interventions that make a lasting impact on human flourishing.

Application deadline: 11/11/20 | [View Opportunity](#)

## Industry and For Profit



### **Growing Spaces Urban Farming Grant 2021**

Urban Farming organizations, communities, and educational institutions are encouraged to apply to receive an in-kind donation from Growing Spaces.

Application Deadline: 1/31/21 | [View Opportunity](#)

## Internal Funding

[Office of Research & Engagement Internal Funding](#)

### **Southeastern Conference (SEC) Visiting Faculty Travel Grant Program**

[View Opportunity](#)

Due to COVID-19 travel dates for 2020-2021 will be between November 1, 2020–July 15, 2021.

### **2020 One Health Initiative Research Seed Programs**

Application Deadline: 10/16/20 | [View Opportunity](#)

[Center for Global Engagement Grants & Scholarships](#)

## **Additional Opportunities:**

**UT Knoxville Office of Research and Engagement**

[COVID-19 Funding Opportunities](#)

[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.

For COVID-19 support email ([covid19-support@hanoverresearch.com](mailto:covid19-support@hanoverresearch.com)).

## Hanover Grants Calendar: COVID-19 Funding

[open to the public to sign up](#). To learn more visit [Hanover Research.com](http://HanoverResearch.com)

We hope this calendar is a useful planning tool for your institution. Please access the document using the link below.

**COVID-19 Funding Calendar**

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.

**For additional COVID-19 information, [visit the UTIA OSP Coronavirus webpage](#).**

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

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## Contact Us

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