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Funding Opportunities Weekly Digest – March 16, 2021

Check out the [Office of Sponsored Programs Website](#) to view more [funding opportunities](#) to consider.

Federal



2021 Urban and Community Forestry Challenge Cost Share Grant Program

The [USDA Forest Service Urban & Community Forestry \(U&CF\) Program](#) restores, sustains, and manages more than 140 million acres of urban and community forest lands for the benefit of communities in the United States. The goals of this opportunity are: 1) increasing resiliency of urban forests through reforestation and 2) management and planning disaster mitigation strategies for urban forests.

Application Deadline: 4/16/21 | [View Opportunity](#)



United States Department of Agriculture
National Institute of Food and Agriculture

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Please see [NIFA Upcoming RFA Calendar](#) and email aggrant@tennessee.edu to apply.



FY21 Bioenergy Technologies Office (BETO) Feedstock Technologies and Algae Funding Opportunity Announcement (FOA)

BETO develops technologies that convert domestic biomass and waste resources into fuels, products, and power to enable affordable energy, economic growth, and innovation in renewable energy and chemicals production. This FOA will support BETO's highest priority research and development areas in two BETO programs: 1) feedstock technologies and 2) advanced algal systems. Both Topic Areas support BETO's objectives to reduce the minimum selling price of drop-in biofuels, lower the cost of biopower, and enable high-value products from biomass or waste resources.

Application Deadline: 4/7/21 | [DE-FOA-0002423](#)

DOE Traineeship in Accelerator Science and Engineering

Accelerator science is an interdisciplinary field that encompasses the design and improvement of particle accelerators, the development of new methods of charged particle production and manipulation, and the development of unique supporting technologies needed for accelerators.

Up to two cooperative agreements may be awarded to provide funding to universities or consortia of universities to support tuition, stipend, and travel costs for students enrolled in specific accelerator science and engineering degree programs, and to provide modest support for curriculum development and program administration support. The purpose of awards resulting from this FOA must be for education and training, which may be conducted through

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Training and Technical Assistance for Wastewater Treatment Works for the Prevention, Reduction, and Elimination of Pollution

Soliciting applications from eligible applicants that address the following three components: 1) acquisition of financing; 2) protect water quality and achieve Clean Water Act compliance; and 3) disseminate planning, design, construction, and operation information for wastewater treatment systems to improve operational performance and sustainable operations over the long-term, thereby improving public health and water quality. **EPA anticipates awarding one to four cooperative agreements under this announcement.** Application Deadline: 5/17/21 | [View Opportunity](#)



Advancing Innovation and Impact in Undergraduate STEM Education at Two-year Institutions of Higher Education

The National Science Foundation (NSF) Education and Human Resources Directorate seeks to significantly enhance its support for research, development, implementation, and assessment to improve STEM education at the nation's two-year colleges. NSF encourages bold, potentially transformative projects that address immediate challenges facing STEM education at two-year colleges and/or anticipate new structures and functions of the STEM learning and teaching enterprise. This program description is a targeted approach for advancing innovative and evidence-based practices in undergraduate STEM education at two-year colleges. It also seeks to support systemic approaches to advance inclusive and equitable STEM education practices.

Application Deadline: 5/10/21 | [PD-21-7980](#)

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Transition to Independent Environmental Health Research (TIEHR) Career Award

A three-year bridge scholar development program for newly independent faculty who intend to pursue research careers in environmental health sciences. At the conclusion of the career development period the candidates are expected to demonstrate they can successfully compete for research funding in the environmental health sciences. This Funding Opportunity Announcement is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor.

Application Deadline: 5/7/24 | [PAR-21-172](#)

[View NIH Funding Opportunities](#)

Foundations



New Trends in Animal Nutrition and Procurement

The purpose of this request for proposal is to seek proposals from a US university to be the host of the US Soybean Export Council's (USSEC) New Trends in Animal Nutrition and Procurement online one-day seminar. University

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processing, nutritional composition of soybean and its significance in monogastric nutrition, nutrients digestibility, and soybean's nutritional value enhancement through additives utilization.

Application Deadline: 4/9/21 | [View Opportunity](#)

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Industry and For Profits

facebook research

Request for proposals on sample-efficient sequential Bayesian decision making

Bayesian optimization is a methodology for sample-efficient learning and optimization. By leveraging a probabilistic model, it allows practitioners and researchers to explore large design spaces using only a small number of experimental trials. Facebook is pleased to invite faculty to respond to this call for research proposals. In order to support academic work that addresses our challenges and opportunities while producing generalizable knowledge, Facebook is pleased to **offer two research awards** of \$50,000 and \$25,000, respectively. Awards will be made as unrestricted gifts to the principal investigator's host university. Awardees will be invited to present and engage in discussion with researchers at Facebook.

Application Deadline: 4/21/21 | [View Opportunity](#)

Additional Opportunities:

UT Knoxville Office of Research and Engagement

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Hanover Grants Calendar: COVID-19 Funding

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

Grants Calendar: Stem Research

[Grants Calendar: STEM Research](#)

Please send suggestions and additional funding opportunities to aggrant@tennessee.edu.

Contact Us

UT Institute of Agriculture

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