

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

### 2021 Cochran Fellowship Program

United States Department of Agriculture (USDA), Foreign Agricultural Service (FAS)

Notice seeking applications to assist eligible countries to develop agricultural systems necessary to meet the food and fiber needs of their domestic populations and/or strengthen and enhance trade linkages between eligible countries and agricultural interests in the United States by providing fellowships to individuals from eligible countries who specialize in agriculture for study in the United States.

Applications are due July 2, 2021. Approximately \$900,000 is available to support six awards.

LINKS: [Grants.gov](https://www.grants.gov)

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### 2021 Fiscal Year Broad Agency Announcement American Indian, Alaska Native, and Native Hawaiian Project

Department of Commerce (Commerce)

Notice seeking proposals to provide technical business services including, but not limited to: entrepreneurial assistance, training, capital access, Federal procurement assistance, networking and relationship management, deal sourcing, joint ventures and partnerships, strategic infrastructure and economic planning assistance, and education for American Indian, Alaska Native, and Native Hawaiian populations.

Applications are due on June 30, 2021. An estimated 13 awards of up to \$300,000 are anticipated for each of several geographical areas.

LINKS: [Grants.gov](https://www.grants.gov)

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### BJA FY 21 Body-Worn Camera Policy and Implementation Program to Support Law Enforcement Agencies

Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to support the purchase of BWCs by law enforcement agencies and to ensure that they are deployed as part of a comprehensive body-worn camera program that embodies evidence-based and problem-solving approaches.

Applications are due July 12, 2021 for [Grants.gov](https://www.grants.gov). Applications are due July 26, 2021 for [JustGrants](https://www.justgrants.gov). Approximately \$27.5 million is available to support 80 awards. Cost share of 50 percent is required.

LINKS: [Grants.gov](https://www.grants.gov)

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### Community Navigator Pilot Program

Small Business Administration (SBA), Department of Commerce (Commerce)

Notice seeking proposals from trusted, culturally and technically knowledgeable partners to conduct targeted outreach to specific underserved sectors of the entrepreneurial community in an effort to provide high quality technical assistance with pandemic relief programs and recovery services.

Applications are due July 12, 2021. A maximum of 100 awards are anticipated with funding limits determined by the scope of the project.

LINKS: [Grants.gov](https://www.grants.gov), [Agency Site](https://www.sba.gov)

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### Higher Education Programs (HEP): Native American-Serving Nontribal Institutions (NASNTI) Program Assistance Listing Number 84.382C

Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking proposals from Native American-Serving Nontribal Institutions to improve and expand their capacity to serve Native Americans and low-income individuals.

Applications are due July 12, 2021. An estimated eight awards of up to \$450,000 are anticipated.

LINKS: [Grants.gov](#), [Federal Register](#)

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Pesticide Environmental Stewardship Program Grants  
Environmental Protection Agency (EPA)

Notice seeking applications to encourage smart, sensible and sustainable pest control in agriculture.

Applications are due July 9, 2021. Approximately \$1 million is available to support 10 awards.

LINKS: [Grants.gov](#)

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RPIC Cooperative Agreement  
United States Department of Agriculture (USDA)

Notice seeking proposals for planning support, technical assistance, and training to communities to foster placemaking activities in rural communities. Funds can help enhance capacity for broadband access, preserve cultural and historic structures, and support the development of transportation, housing, and recreational spaces.

Applications are due July 26, 2021. Multiple awards of up to \$250,000 are anticipated.

LINKS: [Grants.gov](#), [Federal Register](#), [Agency Site](#)

## HEALTH and MENTAL HEALTH

Comprehensive Care for Adults with Type 2 Diabetes Mellitus from Populations with Health Disparities  
(R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support innovative research to develop, test and evaluate multi-level/multi-component strategies (including models of health care) to effectively adapt and implement comprehensive clinical care for individuals with Type 2 diabetes mellitus from populations with health disparities concordant with recommended and evidence-based guidelines.

Applications are due annually on October 5, February 5, and June 5. Program expires September 8, 2024.

LINKS: [Grants.gov](#), [Solicitation](#)

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DoD Duchenne Muscular Dystrophy, Idea Development Award  
Army (Army), Department of Defense (Defense)

Notice seeking proposals for conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress in improving outcomes for individuals with Duchenne Muscular Dystrophy.

Required pre-applications are due August 11, 2021. An estimated eight awards of up to \$350,000 are anticipated.

LINKS: [Grants.gov](#), [Solicitation](#)

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Fieldable Solutions for Hemorrhage with bio-Artificial Resuscitation Products (FSHARP)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals leveraging advances in bio-artificial blood substitute technologies to develop field deployable, shelf-stable hemorrhage countermeasures to sustain warfighters and civilian casualties in austere, pre-hospital settings.

Applications are due August 10, 2021. Multiple awards are anticipated.

LINKS: [Grants.gov](#), [Contract Opportunities](#)

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Global Fungal Disease Surveillance and Capacity  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to reduce illness and death due to fungal diseases and improve the clinical outcomes for patients with fungal disease.

Applications are due July 27, 2021. An estimated ten awards of up to \$300,000 are anticipated.

LINKS: [Grants.gov](#), [Agency Site](#)

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Mechanistic Studies on the Impact of Social Inequality on the Substance Use Trajectory (R01-R21 Basic Experimental Studies with Humans Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications for mechanistic studies on the impact of social inequality on the brain and on the substance use trajectory. Applications investigating relevant mechanisms at the behavioral, cognitive, neurocircuitry, cellular, genetics, and epigenetics levels are encouraged.

Applications are due October 14, 2021. Optional letters of intent are due September 14, 2021. Approximately \$2 million is available to support four to six awards.

LINKS: [Grants.gov \(R01\)](#), [Grants.gov \(R21\)](#), [Solicitation](#)

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Mechanistic Studies on the Impact of Social Inequality on the Substance Use Trajectory (R01-R21 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications for mechanistic studies on the impact of social inequality on the brain and on the substance use trajectory. Applications investigating relevant mechanisms at the behavioral, cognitive, neurocircuitry, cellular, genetics, and epigenetics levels are encouraged.

Applications are due October 14, 2021. Optional letters of intent are due September 14, 2021. Approximately \$2 million is available to support up to six awards.

LINKS: [Grants.gov \(R01\)](#), [Grants.gov \(R21\)](#), [Solicitation](#)

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Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01 Independent Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking proposals from early-career investigators from diverse backgrounds to receive mentorships in aid of research related to cardiovascular, pulmonary, and hematologic diseases and sleep disorders in the general and health disparities populations.

The next due date for applications is October 14, 2021. An estimated 60 awards of up to \$150,000 per year are anticipated.

LINKS: [Grants.gov \(Clinical Trial Required\)](#), [Grants.gov \(Clinical Trial Not Allowed\)](#), [Solicitation](#)

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NASA Research Announcement (NRA): Extended Longevity of 3D Tissues and Microphysiological Systems for Modeling of Acute and Chronic Exposures to Stressors  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Aeronautics and Space Administration (NASA)

Notice seeking proposals for adapting existing 3D tissues and microphysiological systems (MPS), also known as “tissue chips” or “organs-on-chips”, to extend the current longevity of the 3D tissues and MPS to at least 6 months.

Applications are due June 28, 2021. An estimated six to ten awards of up to \$500,000 per year are anticipated.

LINKS: [Contract Opportunities](#), [Solicitation](#)

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Neurotoxin Exposure Treatment Parkinson's, Early Investigator Research Award  
Army (Army), Department of Defense (Defense)

Notice seeking proposals for neurotoxin exposure and/or treatment-related PD research from investigators in the early stages of their careers, under the guidance of a designated Mentor.

Required pre-applications are due September 8, 2021. An estimated five awards of up to \$400,000 are anticipated.

LINKS: [Grants.gov](#), [Agency Site](#)

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NIA Advanced Postdoctoral Career Transition Awards to Promote Diversity in Translational Research for AD ADRD (K99 R00 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals from early career, independent investigators from diverse backgrounds to gain critical translational skills in data science and drug discovery in the field of Alzheimer's disease and Alzheimer's disease-related dementias research.

The next due date for applications is June 12, 2021. An estimated five awards are anticipated, composed of salary and other program-related expenses.

LINKS: [Grants.gov](#), [Solicitation](#)

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NIA Postdoctoral Fellowship Award to Promote Diversity in Translational Research for AD ADRD (F32 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals from promising, diverse postdoctoral candidates to gain critical translational skills in data science and drug discovery as they enter the field of Alzheimer's disease and Alzheimer's disease-related dementias research.

The next due date for applications is August 8, 2021. An estimated five awards are anticipated, composed of stipends, tuition and fees, and institutional allowance.

LINKS: [Grants.gov](#), [Solicitation](#)

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NIA Predoctoral Fellowship Award to Promote Diversity in Translational Research for AD ADRD (F31)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals from promising, diverse predoctoral candidates in the field of Alzheimer's disease and Alzheimer's disease-related dementias research to help them gain critical translational skills in data science and drug discovery.

The next due date for applications is August 8, 2021. An estimated five awards are anticipated, composed of stipends, tuition and fees, and institutional allowance.

LINKS: [Grants.gov](#), [Solicitation](#)

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Request for Information on Drinking Water Contaminants of Emerging Concern for the National Emerging Contaminant Research Initiative  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking information and public comment from all interested parties on research needed to identify, analyze, monitor, and mitigate drinking water contaminants of emerging concern. Comments provided through this Request for Information will inform the development of a National Emerging Contaminant Research Initiative.

Responses must be received by June 24, 2021.

LINKS: [Federal Register](#), [Agency Site](#)

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Centers for Chemical Innovation  
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to support research centers focused on major, long-term fundamental chemical research challenges. CCIs that address these challenges will produce transformative research, lead to innovation, and attract broad scientific and public interest.

Preliminary proposals are due August 23, 2021. Approximately \$9.4 million is available to support four awards.

LINKS: [Grants.gov](#), [Solicitation](#)

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EHR Core Research  
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking proposals for fundamental research that contributes to the general, explanatory knowledge

that underlies STEM education in one or more of the three broadly conceived Research Areas: Research on STEM Learning and Learning Environments, Research on Broadening Participation in STEM fields, and Research on STEM Workforce Development.

The next application due date is October 7, 2021. An estimated 40 awards are anticipated with various funding levels. \$35 million is available to fund this program.

LINKS: [Grants.gov](#), [Solicitation](#)

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Enhancing Design for Graceful Extensibility (EDGE)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking proposals for developing the tools necessary to create, measure, and test Human Machine Interfaces (HMI) that provide enough situational awareness (SA) of a system's processes and status and of the operational environment so the operator can adapt the system in unexpected situations. EDGE seeks design capabilities that will be fast, quantifiable, repeatable, and manageable enough for HMI concept design, development, and testing to be integrated into the larger system's design processes.

Abstracts are due June 9, 2021. Proposals are due July 22, 2021. Multiple awards are anticipated.

LINKS: [Grants.gov](#), [Contract Opportunities](#)

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Single-Use Plastics Recycling (SUPR)  
Department of Energy (Energy)

Notice seeking proposals for developing methods for recycling, deconstruction, and upcycling films that are sufficiently economic to incentivize collection, sorting and retention. Designing films to be inherently more recyclable or biodegradable, while retaining desired properties such as flexibility, barrier properties and strength could also make recycling of films more economical.

Required concept papers are due June 28, 2021. An estimated six to eight awards of up to \$2.5 million are anticipated in two research categories.

LINKS: [Grants.gov](#), [Solicitation](#)

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White-nose Syndrome Research for Conservation Grants  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to provide critical information and resources for maximizing the benefits of conservation efforts for bats. These actions are focused on minimizing the impacts of WNS and compounding stressors on federally listed species, prioritizing actions to conserve species that are susceptible to the disease, including those that may be assessed for listing due to the impacts of WNS, and understanding how different species are likely to respond when exposed to the pathogen.

Applications are due July 20, 2021. Approximately \$1.5 million is available to support up to 15 awards. A match equal to 30% of the requested federal funds is required.

LINKS: [Grants.gov](#)

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Advisory Committee for Environmental Research and Education  
National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Environmental Research and Education. The

purpose of the meeting is to provide advice, recommendations, and oversight concerning support for environmental research and education.

The meeting will be held June 21, 2021; 1:00 p.m.-5:30 p.m. ET at National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA. via Videoconference.

LINKS: [Federal Register](#)

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Electricity Advisory Committee  
Department of Energy (Energy)

Notice announcing a meeting of the Electricity Advisory Committee to discuss projects and presentations related to energy independence goals and the modernization of the nation's electricity infrastructure.

The meeting will be held virtually on June 9, 2021 from 11:45 a.m. to 4:45 p.m. ET and June 10, 2021 from 11:45 a.m. to 5:00 p.m. ET.

LINKS: [Federal Register](#), [Agency Site](#)