



UNITED STATES CONGRESSMAN
HENRY CUELLAR
REPRESENTING THE 28TH DISTRICT OF TEXAS

Grants Newsletter

November 16, 2020

In an effort to better serve you, I would like to provide you with this week's Grant's Newsletter. Enclosed you will find a variety of open federal grant opportunities.

Attracting more federal funds to our district and region has been a top priority during my tenure in Congress. By providing this document, I hope that we can bring federal funds and assistance to our area.

For more information on the federal grant process, please visit my [grants webpage](#) or contact Alexis Garcia, Grants Coordinator, at alexis.garcia@mail.house.gov. To stay informed about recent legislative activity and how it impacts your family and your community, please visit my congressional website at www.cuellar.house.gov or follow me on Twitter at @RepCuellar.

Sincerely,

Henry Cuellar, Ph.D.
U.S. Congressman
28th District of Texas

Note: This newsletter provides information on current federal grant solicitations. This is not a comprehensive list of all grant opportunities. For more information on federal grants, please contact the office at (202) 225-1640 or email alexis.garcia@mail.house.gov

Research and Education

[Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems](#)

Project description: The Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET) solicitation will support fundamental research activities that confront vexing environmental engineering and sustainability problems by developing foundational knowledge underlying processes and mechanisms such that the design of innovative new materials, processes, and systems is possible. Projects should be compelling and reflect sustained, coordinated efforts from highly interdisciplinary research teams. A key objective of the solicitation is to encourage dialogue and tightly integrated collaborations wherein the chemical process systems, transport phenomena, and bioengineering communities engage with environmental engineering and sustainability experts to spark innovation and arrive at unanticipated solutions. Furthermore, training the future workforce to successfully engage in discipline-transcending research will support continued innovation toward surmounting the complex environmental and sustainability challenges facing our global community.

Eligibility: Institutions of Higher Education (IHEs), and Two- and four-year IHEs (including community colleges) accredited in, and having a campus located in the US, acting on behalf of their faculty members

Application Due date: May 07, 2021

[A National Student Design Competition Focusing on People, Prosperity and the Planet](#)

Project description: The U.S. Environmental Protection Agency (EPA), as part of its People, Prosperity and the Planet (P3) Award Program – is seeking applications proposing to research, develop, design, and demonstrate solutions to real world challenges. The P3 competition highlights the use of scientific principles in creating innovative technology-based projects that achieve the mutual goals of improved quality of life, economic prosperity and protection of the planet – people, prosperity, and the planet. The EPA offers the P3 competition to respond to the environmental and human health protection needs of people in the United States, including those in small, rural, tribal and/or disadvantaged communities. Please see the P3 Student Design Competition website for more details about this program. Proposed projects must embody the P3 approach, which is that they have the intention and capability to simultaneously improve the quality of people’s lives, provide economic benefits and protect the environment.

Eligibility: Public and private institutions of higher education

Application Due date: Feb 09, 2021

[Battlefield Preservation Planning Grants](#)

Project description: The American Battlefield Protection Program supports the identification, research, evaluation, interpretation, and protection of historic battlefields and associated sites on a national, state, and local level. Projects must relate to planning, interpreting, and protecting sites where historic battles were fought on American soil during the armed conflicts that shaped the growth and development of the United States, in order that present and future generations may learn and gain inspiration from the ground where Americans made their ultimate sacrifice.

Eligibility: Under this Funding Opportunity, grant funds are awarded to state, local, and tribal governments, other public entities, educational institutions, and nonprofit organizations.

Application Due date: Feb. 12, 2021

[Historic Preservation Fund- African American Civil Rights- Preservation Grants](#)

Project description: The National Park Service’s (NPS) African American Civil Rights Grant Program (AACR) will document, interpret, and preserve the sites and stories of the full history of the African American struggle to gain equal rights as citizens and the transatlantic slave trade. The NPS 2008 report,

Civil Rights in America, A Framework for Identifying Significant Sites, will serve as a guide in determining the appropriateness of proposed projects and properties. AACR Preservation Grants are funded by the Historic Preservation Fund (HPF), administered by the NPS, and will fund a broad range of preservation projects for historic sites including: architectural services, historic structure reports, preservation plans, and physical preservation to structures. Grants are awarded through a competitive process and do not require non-Federal match.

Eligibility: Native American tribal governments (Federally recognized), Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Public and State controlled institutions of higher education, Independent school districts, State governments, Special district governments, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, Native American tribal organizations (other than Federally recognized tribal governments), City or township governments, County governments

Application Due date: Dec 15, 2020

[Historic Preservation Fund- History of Equal Rights- Preservation Grants](#)

Project description: The National Park Service's (NPS) History of Equal Rights Grant Program (HER) will preserve sites related to the struggle of all American's to achieve equal rights. HER grants are funded by the Historic Preservation Fund (HPF), administered by the NPS, and will fund a broad range of preservation projects for historic sites including: architectural services, historic structure reports, preservation plans, and physical preservation to structures. Grants are awarded through a competitive process and do not require non-Federal match.

Eligibility: Eligible applicants are State governments, local governments, nonprofits, educational institutions, and Federally Recognized Indian Tribes, Alaskan Natives, and Native Hawaiian Organizations

Application Due date: Dec 15, 2020

[Southwest Border Resource Protection Program](#)

Project description: The Southwest Border Resource Protection Program (SWBRPP) provides financial assistance to NPS units, as well as educational institutions, nonprofit organizations, tribes, and local and state agencies to improve resource stewardship, achieve international cooperation, provide meaningful interpretation and conduct scientific research, which will lead to increased appreciation and understanding of our shared natural and cultural heritage along our international border with Mexico. Several National Parks located along the U.S. border with Mexico have recently experienced serious resource damage due to illegal cross border activities including drug traffickers and undocumented persons traversing the parks. Other national park units within the desert southwest have also experienced impacts to their natural and cultural resources. Thousands of miles of unauthorized roads and trails have been created, major ecological processes and the migration patterns of wildlife have been disrupted, important historic sites have been vandalized, and archaeological sites have been looted. Program funding is available for conducting scientific research and monitoring of species, as well as conservation, interpretation and preservation projects designed to help protect and preserve natural and cultural resources located near or along our international border. Applicants are strongly encouraged to work closely with at least one of ten NPS units located near the international border in the formulation of the project.

Eligibility: County governments, Native American tribal organizations (other than Federally recognized tribal governments), State governments, Native American tribal governments (Federally recognized), Private institutions of higher education, Public and State controlled institutions of higher education, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, Special district governments, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, City or township governments

Application Due date: Jan 21, 2021

[Vision and Change in Undergraduate Biology Education](#)

Project description: The National Science Foundation's (NSF's) Division of Undergraduate Education (DUE) in the Directorate for Education and Human Resources (EHR) acknowledges the need to expand and chronicle educational change efforts across the nation. To this end, DUE invites proposals to study the impact of the Vision and Change (V&C) movement in Undergraduate Biology Education.

Specifically, this program seeks to support projects that evaluate a combination of factors such as the awareness, acceptance, adoption, and adaptation of V&C principles and outcomes including changes in curriculum, laboratories, and student retention, completion, and learning. Collectively, results of these projects are anticipated to describe the nature and extent of V&C's use within the undergraduate biology curriculum. The projects could also describe key factors and approaches taken by the V&C community that have the potential to be useful for improving undergraduate education in other scientific disciplines or in interdisciplinary STEM education.

Eligibility: Unrestricted

Application Due date: Mar 01, 2021

[Strengthening American Infrastructure](#)

Project description: The National Science Foundation (NSF) seeks to stimulate fundamental exploratory, potentially transformative research that strengthens America's infrastructure. Effective infrastructure, whether it be physical, cyber, or social, provides a strong foundation for socioeconomic vitality and broad quality of life improvement. Strong, reliable, and effective infrastructure spurs private-sector innovation, grows the economy, creates jobs, makes public-sector service provision more efficient, strengthens communities, promotes equal opportunity, protects the natural environment, enhances national security, and fuels American leadership. To achieve these goals requires expertise from across the science and engineering disciplines. In particular, knowledge of human reasoning and decision making, governance, and social and cultural processes are essential to efforts to envision, build, and maintain an effective infrastructure that improves lives and society and builds on advances in technology and engineering.

Eligibility: Unrestricted

Application Due date: Dec 11, 2020

[Fund for the Improvement of Postsecondary Education \(FIPSE\): Career and Educational Pathways Exploration System Program Assistance](#)

Project description: The purpose of the Career Pathways Program funded through FIPSE is to develop technology-based or technology-enabled career exploration systems that enable high school students to identify and explore career opportunities that align with their interests, ambitions, and aptitudes; learn from individuals who work in those fields about the nature of their work and opportunities available in their fields; and identify education and training options--including non-college programs such as work-based learning opportunities, military training, apprenticeships, and employer-sponsored training--that enable entry into or advancement in those careers. Career and education pathways exploration systems must include, for featured occupations, information about employment outlook and likely entry and mid-career earnings in featured fields, and they must enable students to use built-in financial analysis tools to explore the economic impact of their career, education, and training choices.

Eligibility: Special district, city, state, and county governments. Nonprofits with or without having a 501(c)(3) status with the IRS, Independent school districts, Private and public institutions of higher education

Application Due date: Dec 09, 2020

Health

[Understanding the Cellular and Molecular Mechanisms of Gastroparesis in Adults and Children](#)

Project description: Since its establishment in 2006, the Gastroparesis Clinical Research Consortium (GpCRC), a multi-center coalition created and funded by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), has made major advances to our understanding of the pathophysiology of gastroparesis (Gp) and develop an effective treatment for patients with symptomatic gastroparesis.

Through the establishment of the largest gastroparesis tissue repository, combined with detailed phenotypic data, the GpCRC is ideally suited to accelerate insights into the underlying cellular and molecular pathophysiology of the gastroparesis with the ultimate goal of developing therapeutic target(s). This RFA invites investigators from several disciplines, including basic and translational research in areas of neurosciences, immunology, microbiology and physiology, to contribute new insights into the cellular and molecular mechanisms of gastroparesis.

Eligibility: Special district governments, For profit organizations, City or township governments, Private institutions of higher education, Public and State institutions of higher education, State governments, Small businesses, Native American tribal organizations (other than Federally recognized tribal governments), Public housing authorities/Indian housing authorities, Independent school districts, Nonprofits with or without having a 501(c)(3) status with the IRS, County governments, Native American tribal governments (Federally recognized)

Application Due date: Mar 03, 2021

[Detection of HIV for Self-Testing](#)

Project description: The purpose of this Funding Opportunity Announcement (FOA) is to support collaborative, interdisciplinary early-stage research to inform the development of innovative rapid, sensitive, simple, and cost-effective diagnostic technologies that will enable HIV self-testing during the earliest phases of acute infection or during viral rebound.

Eligibility: Special district governments, Nonprofits that do or do not have a 501(c)(3) status with the IRS, Native American tribal organizations and governments, Small businesses, County, State, City or township governments, Independent school districts, For profit organizations, Institutions of higher education, Public housing authorities/Indian housing authorities

Application Due date: Mar 17, 2023

[Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide \(R01 Clinical Trial Optional\)](#)

Project description: NIMH seeks applications for research projects to evaluate the effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services. Specifically, this initiative encourages research on the effectiveness-implementation continuum aimed at (1) developing and testing the effectiveness of optimized, service-ready suicide prevention tools for identification, prevention, and treatment of individuals at risk for suicide; and (2) testing strategies to improve adoption, implementation fidelity, and sustained use of these tools, guided by an implementation science framework. Given the focus on practice-ready accessible resources and products that could be readily integrated into practice, NIMH encourages the use of technology and other design features that make the tools scalable and robust against implementation drift, and a deployment-focused approach that takes into account the perspectives of key stakeholders (e.g., service users, providers, administrators) and system-level factors, such as workforce capacity that influence potential integration of tools into clinical workflows. This FOA is intended to support effectiveness research of service-ready tools and technologies for suicide prevention that are statistically powered to provide a definitive answer regarding the study tool's effectiveness.

Eligibility: Public and State controlled institutions of higher education, Small businesses, Public housing authorities/Indian housing authorities, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Special district governments, Independent school districts, For profit organizations other than small businesses, Private institutions of higher education, County governments, City or township governments, Native American tribal governments (Federally recognized), Native American tribal organizations (other than Federally recognized tribal governments), State governments, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education
Application Due date: Jun 15, 2022

Arts and Culture

[Sustaining Cultural Heritage Collections](#)

Project description: The National Endowment for the Humanities (NEH) Division of Preservation and Access is accepting applications for the Sustaining Cultural Heritage Collections program. The purpose of this program is to help cultural institutions meet the complex challenge of preserving large and diverse holdings of humanities materials for future generations by supporting sustainable conservation measures that mitigate deterioration, prolong the useful life of collections, and strengthen institutional resilience (i.e., the ability to anticipate and respond to disasters resulting from natural or human activity).

Eligibility: State governments, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Native American tribal governments (Federally recognized), Special district governments, Private institutions of higher education, County governments, City or township governments, Public and State controlled institutions of higher education

Application Due date: Jan 14, 2021

Grant Resources

[Grants.gov Community Blog](#) This website provides information on how to apply for grants, open solicitations, and other helpful grant resources.

[Grants.gov Training Videos](#) This webpage provides videos and webinars in order to assist you in your application process. Video topics include registering with grants.gov, how to search for federal grants, and other topics of interest for applicants.