

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Office of Postsecondary Education (OPE): Fund for The Improvement of Postsecondary Education (FIPSE): Basic Needs for Postsecondary Students Program, Assistance Listing Number 84.116N
Department of Education (Education)

Notice seeking proposals from eligible colleges and universities to support programs that address the basic needs of students and to report on practices that improve outcomes for students.

Applications are due October 3, 2022. An estimated eight awards with a ceiling of \$950,000 are anticipated. Eligibility is limited to community colleges, and 2- and 4-year public and private Historically Black Colleges and Universities, Tribal Colleges and Universities, and other Minority Serving Institutions.

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

HEALTH and MENTAL HEALTH

HEAL Initiative: Therapeutics Development for Opioid Use Disorder in Patients with Co-occurring Mental Disorders (UG3 UH3 - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for the development of new therapeutic approaches for individuals with Opioid Use Disorder and co-occurring mental disorders.

Applications are due February 2, 2023. An estimated \$1.5 million is available to fund five awards.

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

Helping to Accelerate Research Potential (HARP) (UE5 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking proposals to develop educational activities and provide appropriate mentoring to NIDDK scholars and early career individuals from diverse backgrounds, including those from groups underrepresented in biomedical, behavioral, clinical, and social sciences research.

Applications are due November 30, 2022. An estimated five awards with a per-year ceiling of \$150,000 are anticipated.

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

Early-Stage Therapy Development for ADRD (R61 R33 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for early-stage development of novel small molecule or biologic therapeutics for NINDS mission-relevant Alzheimer's and related dementias: frontotemporal degeneration; Lewy body dementias and Parkinson's disease dementia; vascular contributions to cognitive impairment and dementia; and multiple etiology dementias.

Applications are due October 31, 2022. An estimated five awards with a per-year ceiling of \$500,000 are anticipated.

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

HEAL Initiative: Interdisciplinary Team Science to Uncover the Mechanisms of Pain Relief by Medical Devices (RM1 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support interdisciplinary research teams of multiple PDs/PIs to investigate the mechanism of action of pain relief by medical devices with the overall goal of optimizing therapeutic outcomes for FDA-approved or -cleared technologies. Teams must leverage appropriate multi-disciplinary expertise to develop new principles and methods for experimentation, analysis, and interpretation.

Applications are due October 10, 2022, June 13, 2023, June 10, 2024, and June 9, 2025. Optional letters of intent are due 30 days prior to the applications due date.

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

HEAL Initiative: Oral Complications Arising from Pharmacotherapies to Treat Opioid Use Disorders (R01 R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to solicit research to better understand the biology, natural history, and directionality of oral complications associated with pharmacotherapies used to treat opioid use disorders (OUDs).

Applications are due January 17, 2023. Optional letters of intent are due December 16, 2022. Approximately \$6 million is available to fund 8 to 11 awards.

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

NICHD Global Network for Women's and Children's Health Research: Research Units (UG1 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications as Research Units (RUs) to participate in the Global Network for Women's and Children's Health Research. RUs will consist of U.S.-based research centers applying in partnership with research centers in low- and lower middle-income countries as defined by the World Bank.

Applications are due November 29, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$4.4 million is available.

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

Postbaccalaureate Research Education Program (PREP) (R25 - Independent Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support to eligible, domestic institutions to develop and implement effective, evidence-informed approaches to biomedical research education and mentoring that will keep pace with the rapid evolution of the research enterprise.

Applications are due annually on January 31. Program expires February 1, 2025.

Limited Submission: Only one application per institution is allowed.

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

Specialized Centers of Research Excellence (SCORE) on Sex Differences (U54 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for Specialized Centers of Research Excellence (SCORE) on Sex Differences. The Centers of Excellence will support interdisciplinary approaches to advance translational research on sex differences. Each SCORE institution should develop a research agenda bridging basic and clinical research underlying a health issue that is pertinent to improving the health of women.

Applications are due September 30, 2022, and August 15, 2024. Optional letters of intent are due 30 days prior to the application due date. Approximately \$18 million is available to fund 11 awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Carbon Ore Processing
Department of Energy (Energy)

Notice seeking proposals for the conversion of coal and coal wastes into value-added products that are outside of traditional thermal and metallurgical markets.

Applications are due October 6, 2022. An estimated six awards with a ceiling of \$1 million are anticipated.

LINKS: [Grants.gov](#)

Climate Program Office FY 2023
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals for climate science, assessments, decision-support research, outreach, education, and capacity-building activities to advance our understanding of the Earth's climate system, and to foster the application and use of this knowledge to improve the resilience of our Nation and its partners.

Letters of intent are due September 1, 2022. Approximately \$1.1 million is available to fund approximately 90 awards.

LINKS: [Grants.gov](#)

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)
National Science Foundation (NSF)

Notice seeking proposals for five types of projects that connect and contribute to the NSF INCLUDES network working collectively to broaden participation in STEM: Design and Development Launch Pilots; Collaborative Change Consortia; Alliances; Network Connectors; and Conferences.

Applications are due October 25, 2022. Approximately \$5.5 million is available to fund multiple awards of all types.

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

Muons for Science and Security (MuS2)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for a directional source of muons produced at relevant energies and in sufficient quantities to support demonstrations of national security and scientific applications.

Applications are due October 11, 2022. Multiple awards are anticipated.

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

Bipartisan Infrastructure Law (BIL) Solar and Wind Grid Services and Reliability Demonstration
Department of Energy (Energy)

Notice seeking proposals to demonstrate the capability of large-scale solar and wind plants to provide grid services to the bulk power grid as well as improving grid reliability. Cost sharing is required.

Required concept papers are due September 1, 2022. An estimated \$26 million is available to fund approximately six to nine awards.

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