

UNO FOCUS:

Three-Minute Thesis (3MT) Competition
UNO Graduate School

The University of Queensland (UQ) Three-Minute Thesis (3MT) competition cultivates students' academic, presentation, and research communication skills. Presenting in a 3MT competition increases their capacity to effectively explain their research in three minutes, in a language appropriate to a non-specialist audience. Active graduate students in good standing who are enrolled in a degree-seeking program are eligible to compete. Contestants must be currently enrolled in credit-bearing coursework at the time of the competition.

[Apply](#) by Friday, 20 October 2023. Prepare a 500-word abstract to describe the work you will present in the competition. Students must also identify a UNO faculty member (Graduate Coordinator, major professor, or advisor) who can testify to the merits of the student's research.

LINKS: [Application](#)

Coastal Science Assistantship Program (CSAP)
Louisiana Coastal Protection and Restoration Authority (CPRA)

This program provides graduate assistant stipends for up to three years to Master of Science students both enrolled full-time at Louisiana colleges/universities and involved in research relevant to Louisiana coastal protection and restoration efforts. The annual student stipend is \$30,000 for up to three years; however, CSAP funds may only be used to cover graduate assistantships and any associated tuition and fringe benefits in accordance with the applicant institution's normal policies.

Applications from faculty must be submitted via LSG's online eSeaGrant system by 4 December 2023; a decision on award of the assistantships will be made by CPRA by the end of January 2024.

LINKS: [LASEAGrant.org](#)

ARTS, HUMANITIES, and INTERNATIONAL

Mission Spain Public Diplomacy NOFO Defensa y Yo 4.0, 2023-2024
State

Notice seeking proposals to design, manage, and implement "Defensa y Yo 4.0," a program promoting security and defense issues among Spanish public university students.

Applications are due October 11, 2023. The maximum amount for awards is \$90,000.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Institute of Education Sciences (IES): National Center for Education Research (NCER): Research Networks Focused on Critical Problems of Education Policy and Practice, Assistance Listing Number (ALN) 84.305N
Education

Notice seeking applications designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners. This notice is to address the following topic: Career and Technical Education (CTE) Network, which includes: Research Teams and Digital Learning Platforms (DLP) Network.

Applications are due January 11, 2024. The maximum amount for awards is \$800,000.

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

Institute of Education Sciences (IES): National Center for Education Research (NCER): Research Training Programs in The Education Sciences, Assistance Listing Number (ALN) 84.305B
Education

Notice seeking applications designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners. This notice addresses one of the following topics: Early Career Development and Mentoring Program for Education Research; Early Career Development and Mentoring Program for Faculty at Minority-Serving Institutions and Methods Training for Education Researchers.

Applications are due January 11, 2024. The maximum amount for awards is \$267,000.

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

Institute of Education Sciences (IES): National Center for Education Research (NCER): Statistical and Research Methodology in Education, Assistance Listing Number (ALN) 84.305D
Education

Notice seeking applications for designed to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all learners. This notice is for Core Grants (which supports the development of new and improved statistical and research methods and their dissemination to education researchers) and Toolkits, Guidelines, Compendia, and Review Papers.

Applications are due January 11, 2024. The maximum amount for awards is \$300,000.

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

HEALTH and MENTAL HEALTH

Approaches to Identifying Preteen Suicide Risk and Protective Factors (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to develop models of pre-teen suicide that: explain risk states that transition to risk behaviors, including self-harm and suicide attempts; identify protective factors that could be developed/enhanced to change the risk trajectory, both proximal and distal; and identify intervention targets and timing, as well as scalable assessment approaches that have clinical utility for characterizing both risk/protective factors and suicide risk status and outcomes.

Applications are due November 9, 2023. Estimated \$4.4 million is available to fund up to six awards.

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

Continuation of the Childhood Liver Disease Research Network (ChiLDRen) Clinical Centers
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to continue the support the Childhood Liver Disease Research Network (ChiLDRen) to conduct clinical and translational research on rare pediatric liver diseases. ChiLDRen is

composed of a Scientific and Data Coordination Center (SDCC) and Clinical Centers (CC).

Applications are due November 8, 2023. Estimated \$3.65 million is available to fund 14 awards.

LINKS: [Grants.gov \(U01 Clinical Trial Required\)](#); [Grants.gov \(U24 Clinical Trial Optional\)](#); [Solicitation](#)

Improving Care and Outcomes for Cancer Survivors from Sexual and Gender Minority (SGM) Populations (R01 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for the rigorous assessment of barriers to quality cancer treatment and follow-up care for sexual and gender minority (SGM) cancer survivors.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2027. Multiple awards are anticipated.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) and Individual Fellowship for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for training awards from would-be researchers in appropriate scientific disciplines to meet the Nation's biomedical, behavioral, and clinical research needs. [Individual postdoctoral fellowships](#) and [Individual Fellowships for Students at Institutions Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs](#) are available.

Applications are due December 8, 2023. Multiple fellowships are anticipated.

LINKS: [Grants.gov \(Parent F30\)](#); [Grants.gov \(Parent F32\)](#)

World Trade Center Health Program Mentored Research Scientist Career Development Award (K01)

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking applications for an intensive, supervised (mentored) career development experience in WTC-related health research, including first-responder and survivor-related conditions relating to crisis response.

Applications are due December 5, 2023. Estimated \$5.2 million is available to fund 6 to 10 awards.

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

Center for Exposome Research Coordination to Accelerate Precision Environmental Health (U24 Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications that will serve the broad biomedical research community by coordinating and advancing exposome research to accelerate precision environmental health. The CERC will engage existing and ongoing exposome initiatives around the globe to promote methodological advancement and best practices, provide training and education, and foster national and international collaborations.

Applications are due November 30, 2023. Estimated \$1.55 million is available.

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

Cohort Studies of HIV-AIDS and Substance Use (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications that supports a program of longitudinal cohort studies that addresses the intersection of HIV and substance use. This program is a multidisciplinary platform to support basic, epidemiologic, and clinical research on HIV and HIV-associated co-morbidities and co-infections among populations with substance use and substance use disorders (SUDs) and to address research questions at the individual and population level.

Applications are due August 16, 2024. Estimated \$15 million is available to fund 8 to 10 awards.

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

Computational Models of Influenza Immunity (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to employ computational modeling and immunologic studies to advance our understanding of the requirements for improving anti-influenza immunity, including inducing broad immune protection and enhancing immune durability.

Applications are due January 26, 2024. Estimated \$8 million is available to fund six to eight awards in FY 2025.

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

HEAL Initiative: Developing an Evidence Base for Co-Occurring OUD-AUD Interventions (R34 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support studies that will inform safe and effective medication-assisted, psychosocial, and complementary interventions for people with co-occurring Opioid Use Disorder (OUD) and Alcohol Use Disorder (AUD). Alcohol increases lethal opioid overdose risk. As a result, treatment providers may under-prescribe or be reluctant to provide opioid agonist therapies (OATs) such as methadone and buprenorphine to people with OUD who also have AUD or misuse alcohol.

Applications are due December 14, 2023.

LINKS: [Grants.gov \(R34\)](#); [Solicitation](#)

Human Virome Characterization Centers (U54 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to characterize the human virome and its dynamics, utilizing longitudinal, demographically diverse (i.e., age, sex, race, ethnicity, etc.) human cohorts. Recent metagenomic sequencing and bioinformatic innovations such as high-throughput DNA sequencing provide an unprecedented opportunity to characterize the human virome and its dynamics across diverse human cohorts and tissue types.

Applications are due November 17, 2023. Estimated \$22.8 million is available to fund five awards.

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

Human Virome Program: Characterization of functional interactions between viruses and human and microbial hosts (U01 Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to study functional characterization of human virome interactions within human and microbial hosts. As part of NIH Common Fund's Human Virome Program (HVP), the overall goal of this initiative is to define interactions between the human virome and host.

Applications are due November 15, 2023. Estimated \$12 million is available to fund 10 awards.

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

Human Virome Program: Developing novel and innovative tools to interrogate and annotate the human virome (U01 Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to address the technological challenges that are currently hindering robust interrogation of the constituents and functionality of the human virome. Despite major advances in sequencing technology and computational analysis of large sequence data sets, challenges remain in examining viruses.

Applications are due November 14, 2023. Estimated \$4 million is available to fund eight awards in FY 2024.

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

Intervention Research to Improve Native American Health (R01 and R21 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support research on interventions to improve health in Native American populations. This includes 1) etiologic research that will directly inform intervention development or adaptations, 2) research that develops, adapts, or tests interventions for health promotion, prevention, treatment, or recovery, and 3) where a sufficient body of knowledge on intervention efficacy exists, research on dissemination and implementation that develops and tests strategies to overcome barriers to the adoption, integration, scale-up, and sustainability of effective interventions.

Applications are due October 21, 2024.

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

Intervention Research to Improve Native American Health (R34 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support planning and development, including pilot or feasibility research, to improve health in Native American populations. Proposed research may address health promotion, disease prevention, treatment, recovery, or services research to inform intervention implementation and dissemination.

Applications are due October 21, 2024.

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

NIAID and NIDDK Research Opportunities for New and At-Risk Investigators to Promote Workforce Diversity (R01 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to encourage researchers from diverse backgrounds to work with their institutions to submit applications for research projects within the mission of either NIAID or NIDDK.

Applications are due October 18, 2023 and then standard due dates.

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

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31-Diversity)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals from promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting well-defined research projects in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

Applications are due December 8, 2023. Multiple awards are anticipated.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Anonymous Real-Time Speech Program
DNI

Notice seeking proposals to develop novel algorithms that will modify spontaneous speech in real-time to protect an individual's privacy. The ARTS program consists of the following three Technical Areas (TA): Speaker De-Identification (SDID); Modification of Static Traits in Speech; and Removal of Dynamic Traits in Speech. All TAs are required.

Proposals are due October 23, 2023. Questions are due September 21, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Focused Research Groups in the Mathematical Sciences
National Science Foundation

Notice seeking proposals employing innovative methods to solve specific, major research challenges in the mathematical sciences.

Applications are due December 6, 2023 and September 11, 2024. Estimated \$12 million is available to support 5 to 10 awards.

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

Innovative Strategies to Reduce Red Snapper Discards in the South Atlantic
Commerce

Notice seeking proposals to better understand and address red snapper discards in the South Atlantic snapper-grouper fishery. Projects funded under this program should inform the development of management strategies that reduce the proportion of red snapper discards relative to landed catch.

Proposals are due November 6, 2023. Estimated \$880,000 is available to fund three to five awards.

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

University Turbine Systems Research (UTSR)
Energy

Notice seeking proposals for gas turbine-focused university projects which address a wide variety of technical topics (including combustion, aerodynamics/heat transfer, and advanced materials topics).

Applications are due November 7, 2023. Estimated \$8 million is available to fund eight awards. Cost share must be at least 20 percent.

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

Nuclear Science Advisory Committee
Energy, NSF

Notice announcing an open virtual meeting of the DOE/NSF Nuclear Science Advisory Committee (NSAC). The purpose is to provide advice and guidance on a continuing basis to the Department of Energy and the National Science Foundation on scientific priorities within the field of basic nuclear science research.

The meeting will be held October 4, 2023; 10:00 a.m. to 4:00 p.m. (ET). This meeting will be held virtually via Zoom.

LINKS: [Federal Register](https://www.federalregister.gov)

Proposer's Day - The SoURCE CODE Program
DNI

Notice announcing a proposers day for The SoURCE CODE program. The SoURCE CODE program is seeking to provide novel technologies to assist forensic experts in making determinations of the most likely attackers, based on coding styles. The program will explore full feature spaces in binary code and source code files to measure the similarity between files and provide information to forensic experts to the likely origins (country, groups, individuals, etc.).

The meeting will be held October 5, 2023 from 9:30 a.m. to 5:30 p.m. located near Tenleytown Metro station in N.W. Washington, D.C. Registrations are due September 29, 2023. There will be no same day registration.

LINKS: [Contract Opportunities](#); [Agency Site](#)

Ultra-Wide BandGap Semiconductors (UWBGS) Proposers Day
Defense

Notice announcing a proposers day for the Ultra-Wide BandGap Semiconductors (UWBGS) program. The objective of the UWBGS program is to develop foundational, high-quality materials and electrical contacts necessary for realizing practical UWBG electronics and enabling UWBG applications.

The meeting will be held October 5, 2023 from 9:00 a.m. to 5:00 p.m. ET. The meeting will be hosted in a virtual format using ZoomGov. Registrations are due by September 28, 2023.

LINKS: [Contract Opportunities](#); [Agency Site](#)

Advancing U.S. Thin-Film Solar Photovoltaics

Energy

Notice seeking proposals accelerating the capabilities of two thin-film photovoltaic (PV) technologies: metal-halide perovskite PV and cadmium telluride (CdTe) PV technologies.

Concept papers are due October 24, 2023. Estimated \$36 million is available to fund 2 to 15 awards.

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

Broad Agency Announcement: Research to Support FHWA's Office of Infrastructure Research and Development
U.S. Department of Transportation

Notice seeking applications that conducts and oversees R&D programs and projects that address critical highway infrastructure needs and priorities of national importance. Studies focus on the design, materials, construction, operation, and preservation of highway pavements, bridges, culverts, tunnels, and other structures.

Applications are due October 30, 2023. The maximum amount for awards is \$750,000.

LINKS: [Contract Opportunities](#)

FY2024-2025 National Sea Grant BIL Marine Debris Challenge Competition
Commerce

Notice seeking proposals to support innovative research to application (R2A) projects that will address the prevention and/or removal of marine debris and provide the potential for transformational behavior change. "Research to application" or R2A refers to research that transitions into tangible outputs.

Required letters of intent are due January 31, 2024. Estimated \$16 million is available to fund 5 to 12 awards.

LINKS: [Grants.gov](#)

FY2024-2025 National Sea Grant BIL Marine Debris Community Action Coalitions
Commerce

Notice seeking proposals for marine debris prevention and removal to be addressed at the local scale, along with other efforts at larger scales, with the support of key players in the community. Community coalitions and local partnerships are essential to creating effective and long-lasting action on marine debris.

Required letters of intent are due December 14, 2023. Estimated \$3 million is available to fund 10 to 20 awards.

LINKS: [Grants.gov](#)

FY24 Desalination and Water Purification Research Program: Research Projects
Interior

Notice seeking proposals to develop innovative, cost-effective, and technologically efficient ways to desalinate and treat water. Only IHEs may participate without a cost-share. Laboratory-scale and pilot-scale projects are available.

Applications are due November 15, 2023. Estimated \$2 million is available to fund multiple projects of each type.

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

Rapid Experimental Missionized Autonomy (REMA)
Defense

Notice seeking proposals to enhance commercially available and stock military drones with a subsystem to enable autonomous operation. The program will focus on delivering autonomy without being tied to a specific drone design. REMA will look to develop these capabilities through rapid spirals of development.

Abstracts are requested and due October 3, 2023. Oral proposal presentations are due October 30, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

NASA Astrophysics Advisory Committee; Meeting
National Aeronautics and Space Administration

Notice announcing a meeting of the NASA Astrophysics Advisory Committee for updates from the Astrophysics Division, specific astrophysics missions, and discussions from the Program Analysis Group.

The meeting will be held virtually on October 19 and 20, 2023 from 9:00 a.m. to 5:00 p.m. ET.

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