

Funding Opportunity Announcements 10.27.18

Campus wide

[National Speleological Society \(NSS\) Invites Proposals for Cave-Related Research Projects](#)

POSTED: October 14, 2017

DEADLINE: Proposals may be submitted at any time. Funding decisions are made twice annually, in January and June. Proposals should be received at least one month in advance to be considered. To be considered for January 2018 funding, applications should be received no later than December 1, 2017.

Funding Instrument Type: Grant

NSS awards Research Grants of up to \$1,500 to qualified individuals or teams for research in cave-related branches of study. This includes but is not limited to the natural sciences (e.g., cave biology, geology, paleontology, and hydrology), social sciences (e.g., archaeology), and the humanities (e.g., speleological history). Interdisciplinary proposals are encouraged. Preference will be given to projects with the potential to generate new information and insights that are suitable for submission to peer-reviewed publications. To be eligible, applicants must be a member of the NSS at the time of the submission of the proposal.

[American Philosophical Society Accepting Applications for Franklin Research Grants](#)

POSTED: October 14, 2017

DEADLINE: December 1, 2017

Funding Instrument Type: Grant

Since 1933, the American Philosophical Society has awarded small grants to scholars in order to support the cost of research leading to publication in any area of knowledge. In 2016–17 the Franklin Research Grants program awarded \$470,000 to eighty-nine scholars, and the society expects to make a similar number of awards in this year's competition. Grants of up to \$6,000 will be awarded to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; costs associated with fieldwork; or laboratory research expenses. Franklin grants are made for noncommercial research and are not intended to meet the expenses of attending conferences or the costs of publication. The society does not pay overhead or indirect costs to any institution, and grant funds are not to be used to pay income tax on the award. Grants will not be made to replace salary during a leave of absence or earnings from summer teaching; pay living expenses while working at home; cover the costs of consultants or research assistants; or purchase permanent equipment such as computers, cameras, tape recorders, or laboratory apparatus.

[Duke Endowment Invites Applications for Fellowship Program](#)

POSTED: October 20, 2017

DEADLINE: January 16, 2018

Funding Instrument Type: Fellowship

The Duke Endowment is inviting applications to its Fellowship Program. Created in 2005, the program exposes emerging leaders to all aspects of philanthropy in the endowment's four program areas — child care, health care, higher education, and rural church — as well as a wide array of opportunities and challenges facing the Carolinas. The fellowship is a two-year, full-time assignment and provides access to the endowment's executive leadership and personalized professional development opportunities, as well as an annual salary and benefits. In return, fellows learn on the fly and are asked to think creatively and provide meaningful contributions and new perspectives to the endowment. Fellows typically begin their work at the foundation between July 15 and August 1. Typically, one fellow is selected each year and receives \$50,000 the first year and \$53,000 the second year, plus paid vacation time. Fellows also receive full benefits, including life, medical and dental insurance, wellness benefits, participation in a 401(k) plan, and a stipend for moving expenses and travel reimbursement (moderate travel is required).

Humanities

[DeVos Institute Accepting Applications for Fellowship in Arts Management Strategy](#)

POSTED: October 16, 2017

DEADLINE: Letters of Intent must be received no later than December 15, 2017. Upon review, selected applicants will be invited to submit a full application by January 30, 2018.

Funding Instrument Type: Fellowship

The institute is accepting applications for its annual fellowship program, which provides intensive training in arts and cultural management, artistic planning, marketing, fundraising, evaluation, and finance for mid-career arts managers over a three-year period. The program is offered free of charge to arts managers from across the United States and around the world through a competitive application process. Fellows attend a four-week residency in Washington, D.C., each summer for three consecutive years and receive ongoing personalized mentoring, both during and between the month-long residencies. Fellows also receive funds for their air and ground transportation between Washington, D.C., and their country of residence; lodging during the fellowship; a per diem to cover living expenses; visa sponsorship (for international applicants); and program materials. Applicants must be able to demonstrate a minimum of five years' working experience in an administrative capacity in an arts or cultural organization; currently serve as an executive or department head with decision-making authority; and have an excellent command of business English, orally and written. In addition, applicants must be able to commit to the full term of the fellowship (Washington D.C. residency dates are June 26 to July 21, 2018; June 25 to July 20, 2019; and July 1 to July 26, 2020. Fellows receive personalized mentoring and participate in virtual activities in between residencies.)

[American Music Abroad Invites Applications for International Exchange Program](#)

POSTED: October 20, 2017

DEADLINE: The application process opens on November 1, 2017, and applications must be received no later than January 21, 2018.

Funding Instrument Type: Fellowship

American Music Abroad (AMA), a partnership between American Voices and the U.S. Department of State's Bureau of Educational and Cultural Affairs, is an international exchange program designed to communicate America's rich musical heritage and diverse culture to audiences around the world. Each year, approximately ten ensembles are selected to conduct regional cultural exchange tours in Africa, Asia, Eastern Europe, Central and South America, and the Middle East. As part of their activities, selected ensembles are expected to perform high-profile public concerts, engage in collaborations with local musicians, lead jam sessions, make themselves available to local media, and offer educational activities such as workshops, business training for aspiring musicians, and programs for underserved youth. The program plan also should include opportunities for ensemble members to engage post-tour in the creation of online tutorials and share their expertise through Skype chats and Internet radio broadcasts. Prior to its respective tour, each ensemble will participate in the American Music Abroad@Home program in Washington, D.C., which includes a concert or education program in a local school or community center and an orientation at the State Department. AMA tours operate under the official auspices of the U.S. government. The State Department funds international travel, hotels, and an allowance for meals and incidental expenses. In addition, a tour honorarium of \$200 per day is awarded to each individual musician. American Voices organizes the tours with the input of ECA/State Department and participating U.S. embassies and consulates. Ensemble members must be at least 18 years of age, a U.S. citizen, and either hold or be able to obtain a valid U.S. passport.

[NIH: Typical and Atypical Patterns of Language and Literacy in Dual Language Learners \(R21-Clinical Trial Optional\)](#)

POSTED: October 20, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

The purpose of this funding opportunity announcement (FOA) is to support investigator-initiated R21 applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations.

Social Sciences

[McKnight Endowment Fund for Neuroscience Seeks Applications for 2018 Technology Awards](#)

POSTED: October 15, 2017

DEADLINE: Letters of Intent must be received no later than December 4, 2017. Upon review, selected applicants will be invited to submit a full proposal by April 23, 2018.

Funding Instrument Type: Grant

The McKnight Endowment Fund for Neuroscience invites Letters of Intent for its 2018 McKnight Technological Innovations in Neuroscience awards. The program encourages

and supports scientists working on the development of novel and creative approaches to the understanding of brain function. McKnight is interested in how a new technology may be used to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. Technology may take any form, from biochemical tools to instruments to software and mathematical approaches. Because the program seeks to advance and enlarge the range of technologies available to the neurosciences, research based primarily on existing techniques will not be considered. A goal of the Technological Innovations awards is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited. In 2018, up to three grants will be awarded, each providing \$100,000 per year for two years. To be eligible, applicants must hold a full-time appointment at the rank of assistant professor or higher at an institution in the United States.

[Department of Agriculture, Utilities Programs: Assistance to High Energy Cost Communities](#)

POSTED: October 23, 2017

DEADLINE: December 11, 2017

Funding Instrument Type: Grant

The Rural Utilities Service, an agency of the USDA, announces the availability of up to \$10 million in competitive grants to assist communities with extremely high energy costs. The grant funds may be used to acquire, construct, or improve energy generation, transmission, or distribution facilities serving communities where the average annual residential expenditure for home energy exceeds 275% of the national average. Eligible projects also include on-grid and off-grid renewable energy projects and the implementation of energy efficiency and energy conservation projects for eligible communities.

[The Organic Farming Research Foundation \(OFRF\) Invites Proposals for Organic Farming and Food System Research](#)

POSTED: October 16, 2017

DEADLINE: December 15, 2017

Funding Instrument Type: Grant

OFRF is dedicated to fostering the widespread adoption and improvement of organic farming systems in the United States, Canada, and Mexico. To that end, OFRF provides funding for research on organic farming and food systems and the dissemination of these research results to organic farmers and the greater agricultural and research communities. One-year grants of up to \$20,000 are available for research projects related to any production, social, economic, or policy-related topic of concern to organic farmers and/or ranchers. Priority areas include soil health, innovative weed control, management of emerging insect and disease issues, and livestock health. Projects must involve farmers or ranchers in project design and implementation and must take place on certified organic land, ideally on a working organic farm or ranch. Applicants should articulate how the proposed research project will foster the improvement or adoption of organic farming systems, as well as ways in which organic farmers or ranchers can use the proposed results in their operations. Research projects must include strong education and outreach components and contain measurable objectives.

[DeVos Institute Accepting Applications for Fellowship in Arts Management Strategy](#)

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[American Society of Breast Surgeons Foundation Accepting Applications](#)

POSTED: October 17, 2017

DEADLINE: December 15, 2017

Funding Instrument Type: Grant

The American Society of Breast Surgeons Foundation is accepting applications for grants in four priority areas:

1. Education Grant: Grants of up to \$5,000 will be awarded in support of projects that raise awareness of breast cancer and increase the capacity of effective patient breast health education programs. Grants are intended to support costs associated with a project (e.g., purchase of educational materials, brochure development, printing, etc.)
2. Community Outreach: Grants of up to \$5,000 will be awarded to community-based nonprofit organizations that provide education about breast health as well as screening to underserved, uninsured, and/or low-income populations. The project must target medically underserved, uninsured, and/or low-income areas.
3. Conference Grant: Grants of up to \$5,000 will be awarded in support of partnerships focused on educational meetings, conferences or symposia, with an emphasis on those that enhance interactions among the advocate, healthcare, and scientific communities.

4. Research Grant: Grants of up to \$5,000 will be awarded to foster the research activities of the grantee. Funds may be used for activities necessary to undertake or complete a research project (e.g., providing support for ongoing projects, IRB submission fees, clinical research assistance, or statistical support).

[Department of State, Bureau of International Narcotics-Law Enforcement: Gang Resistance Education And Training \(G.R.E.A.T.\) Program – Training and Technical Assistance Support through Central America](#)

POSTED: October 25, 2017

DEADLINE: December 27, 2017

Funding Instrument Type: Grant

The purpose of this grant is to continue to provide G.R. E.A.T. Instructor Certifications to Central American Officers plus overall management and coordination of the Program, including scheduling of trainers and training; regular review, revision, and updating of curricula and training processes; publication and production of materials and resources needed for training and for instructors in the field; maintenance and enhancement of a dual-language G.R.E.A.T. Web site; continued development of program curricula and materials to improve accessibility for Central American audiences; and monitoring and evaluation of Program implementation to ensure fidelity to the Program design and effective delivery of services.

[NIH: Accelerating Colorectal Cancer Screening and Follow-Up Through Implementation Science \(UG3/UH3\) OR \(U24\)](#)

POSTED: October 20, 2017

DEADLINE: January 18, 2018

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) is associated with the Beau Biden Cancer Moonshot Initiative that is intended to accelerate cancer research. The purpose of this FOA is to promote research in colorectal cancer screening, follow-up, and referral-to-care among target populations for whom screening rates are below national standards. Specifically, this FOA targets the following areas designated as a scientific priority by the Blue Ribbon Panel:

- Prevention and screening
- Implementation of evidence-based approaches

[National Science Foundation: Dynamics of Coupled Natural and Human Systems \(CNH\)](#)

POSTED: October 24, 2017

DEADLINE: January 23, 2018

Funding Instrument Type: Grant

The Dynamics of Coupled Natural and Human Systems (CNH) Program supports interdisciplinary research that examines human and natural system processes and the complex interactions among human and natural systems at diverse scales. Research projects to be supported by CNH must include analyses of four different components:

1. The dynamics of a natural system
2. The dynamics of a human system

3. The processes through which the natural system affects the human system
 4. The processes through which the human system affects the natural system
- CNH also supports research coordination networks designed to facilitate activities that promote future research by broad research communities that will include all four components necessary for CNH funding.

[NIH: Typical and Atypical Patterns of Language and Literacy in Dual Language Learners \(R21-Clinical Trial Optional\)](#)

POSTED: October 20, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

The purpose of this funding opportunity announcement (FOA) is to support investigator-initiated R21 applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations.

[NIH: Maintaining Immunity After Immunization \(U01 - Clinical Trial Optional\)](#)

POSTED: October 20, 2017

DEADLINE: February 21, 2018

Funding Instrument Type: Cooperative Agreement

The goal of this funding opportunity announcement is to improve understanding of how durable protective immunity is achieved by supporting studies that define components and mechanisms of the immune system. Applications proposing human cells/tissue response studies will help determine the human responses elicited by immunization, however, animal studies may also be used to extend the findings from human tissues to more mechanistic studies not easily accomplished in humans.

[NIH: Enhancing Central Neural Control of Mobility in Aging \(U01 Clinical Trial Optional\)](#)

POSTED: October 25, 2017

DEADLINE: February 21, 2018

Funding Instrument Type: Cooperative Agreement

The overall goal of this funding announcement is to solicit applications to investigate the central neural control of mobility in older adults without overt neurological diseases using innovative and cutting-edge methods that are emerging in neuroscience, geriatrics and mobility-related fields in aging research communities. This announcement also seeks information on the degree of plasticity in the aging brain and how this may be harnessed to maintain or improve mobility. Applicants are highly encouraged to adopt a multidisciplinary and collaborative approach that includes basic, clinical, and translational scientists. Identifying novel modifiable predictors of mobility decline will lead to mechanistic insights and the development of novel therapeutic interventions to enhance mobility as a person ages.

[NIH: Population Assessment of Tobacco and Health \(PATH\) Biospecimen Access \(X01\)](#)

POSTED: October 23, 2017

DEADLINE: Upcoming funding cycle deadlines are March 28, 2018 and September 26, 2018.

Funding Instrument Type: Grant

The PATH Study provides the scientific community with biospecimens (urine, plasma, and serum) and related research data on behaviors, attitudes, biomarkers and health outcomes associated with tobacco use in the U.S. This opportunity allows investigators to apply for access to the biospecimens from the PATH Study.

[Department of State, U.S. Mission to Nicaragua: Managua Annual Program Statement - PAS Small Grants Program](#)

POSTED: October 23, 2017

DEADLINE: June 29, 2018

Funding Instrument Type: Cooperative Agreement, Grant

The U.S. Embassy Public Affairs Section - Small Grants Programs awards grants to U.S. and Nicaraguan individuals and non-profit and non-governmental organizations with legal status to support innovative projects focused on empowering Nicaraguans through educational and entrepreneurial opportunities including promoting a bi-lingual workforce and preventing gender based violence in Managua and Puerto Cabezas. The PAS Small Grants Program will evaluate and score proposals according to the following criteria:

1. Quality of the program
2. Ability to achieve program objectives
3. Project evaluation
4. Budget and narrative justification

Natural Sciences

[National Science Foundation \(NSF\) Issues Dear Colleague Letter: Joint NSF-Engineering Directorate and Air Force Office of Scientific Research \(AFOSR\) Funding Opportunity: Supporting Fundamental Research in the Quantitative Representation of Microstructures](#)

POSTED: October 23, 2017

DEADLINE: This is not a new program. Interested proposers are encouraged to submit proposals to the Materials Engineering and Processing (MEP) program in the Division of Civil, Mechanical and Manufacturing Innovation (CMMI) during an open submission window.

Funding Instrument Type: Grant

The Division of Civil, Mechanical and Manufacturing Innovation (CMMI) of NSF's Engineering Directorate, in collaboration with the Air Force Office of Scientific Research (AFOSR), seeks research proposals for multidisciplinary teams with the potential to transform fundamental understanding of structural Materials through the Quantitative Representation of Microstructures. This letter serves as a call for proposals to address fundamental scientific questions related to Materials microstructure, properties and performance through the development of tools for the Quantitative Representation of Microstructures. NSF's and AFOSR's interest lies in innovative research projects which

bring together members of the Materials Science and Engineering community with experts in computation and visualization, to address the challenges associated with accurate quantification and representation of the microstructures of Engineering Materials. Proposals should address: 1) Fundamental scientific questions related to Materials Processing-Microstructure-Property relationships that can be addressed through experimental and computational approaches enabled by the Quantitative Representation of Microstructures; 2) A multidisciplinary approach to developing the tools for accurate microstructure representation; 3) Efforts to identify and quantify sources of uncertainty in the microstructure representations; 4) Planned open access to the data and codes generated in the proposed work.

[Department of Energy, Idaho Field Office: Scientific Infrastructure Support for Consolidated Innovative Nuclear Research \(CINR\) Funding Opportunity Announcement](#)

POSTED: October 19, 2017

DEADLINE: November 30, 2017 - Applicants are encouraged to transmit applications well before the deadline.

Funding Instrument Type: Grant

The Department of Energy's (DOE) Office of Nuclear Energy (NE) conducts crosscutting nuclear energy research and development (R&D) and associated infrastructure support activities to develop innovative technologies that offer the promise of dramatically improved performance for advanced reactors and fuel cycle concepts while maximizing the impact of DOE resources. DOE intends to enable the education and training of nuclear scientists, engineers, and policy-makers in graduate and undergraduate study and two-year programs, as well as research and development (R&D) that is relevant to the Department and the nuclear energy industry in general. The Nuclear Energy University Program utilizes up to 20% of funds appropriated to Nuclear Energy's (NE) R&D program for university-based infrastructure support and R&D in key NE program-related areas:

- Fuel Cycle Research and Development
- Reactor Concepts Research, Development and Demonstration
- Nuclear Energy Advanced Modeling and Simulation

The infrastructure requested should be individual, discrete, and definable items or capabilities that will:

- Support, maintain, or enhance the institution's capacities to attract and teach high quality students interested in nuclear energy-related studies
- Build the institutions' research or education capabilities
- Enhance the institution's capabilities to perform R&D that is relevant to DOE-NE's mission

[McKnight Endowment Fund for Neuroscience Seeks Applications for 2018 Technology Awards](#)

POSTED: October 15, 2017

DEADLINE: Letters of Intent must be received no later than December 4, 2017. Upon review, selected applicants will be invited to submit a full proposal by April 23, 2018.

Funding Instrument Type: Grant

The McKnight Endowment Fund for Neuroscience invites Letters of Intent for its 2018 McKnight Technological Innovations in Neuroscience awards. The program encourages and supports scientists working on the development of novel and creative approaches to the understanding of brain function. McKnight is interested in how a new technology may be used to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. Technology may take any form, from biochemical tools to instruments to software and mathematical approaches. Because the program seeks to advance and enlarge the range of technologies available to the neurosciences, research based primarily on existing techniques will not be considered. A goal of the Technological Innovations awards is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited. In 2018, up to three grants will be awarded, each providing \$100,000 per year for two years. To be eligible, applicants must hold a full-time appointment at the rank of assistant professor or higher at an institution in the United States.

[Department of Agriculture, Utilities Programs: Assistance to High Energy Cost Communities](#)

POSTED: October 23, 2017

DEADLINE: December 11, 2017

Funding Instrument Type: Grant

The Rural Utilities Service, an agency of the USDA, announces the availability of up to \$10 million in competitive grants to assist communities with extremely high energy costs. The grant funds may be used to acquire, construct, or improve energy generation, transmission, or distribution facilities serving communities where the average annual residential expenditure for home energy exceeds 275% of the national average. Eligible projects also include on-grid and off-grid renewable energy projects and the implementation of energy efficiency and energy conservation projects for eligible communities.

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[National Science Foundation \(NSF\) Issues Dear Colleague Letter \(DCL\): Principles for the Design of Digital Science, Technology, Engineering, and Mathematics \(STEM\) Learning Environments](#)

POSTED: October 23, 2017

DEADLINE: January 22, 2018

Funding Instrument Type: Grant

NSF Directorates for Education and Human Resources (EHR) and Computer and Information Science and Engineering (CISE) wish to notify the community of their intention to fund research to support the design of the next generation of digital learning environments for STEM content, and in support of STEM education research more broadly. As an important first step in this direction, this funding opportunity announcement encourages a series of synthesis, integration, and design workshops. NSF anticipates funding up to 9 synthesis and design workshops for up to \$100,000 each for one year of support. Proposals submitted in response to this DCL must be prepared and submitted in accordance with NSF's guidance for Conference proposals. Each workshop proposal should budget support for its personnel, including organizing committee members, its workshop meetings and activities, and its travel costs for selected project personnel to attend a two-day summit meeting near NSF. Meaningful involvement of graduate student(s) and/or postdoctoral researcher(s) in all projects is strongly encouraged. A competitive workshop proposal should evidence a deep understanding of the theme of the proposed workshop. The PI should propose a diverse interdisciplinary team with clear potential to: (a) describe the proposed perspective(s); (b) engage innovative design thinking to outline blueprint designs for a future learning environment; and (c) describe any potential theoretical, methodological or programming obstacles that are likely to require further research and development.

[Department of Energy, Idaho Field Office: Consolidated Innovative Nuclear Research Funding Opportunity Announcement \(FOA\)](#)

POSTED: October 19, 2017

DEADLINE: January 23, 2018

Funding Instrument Type: Cooperative Agreement

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5. The dynamics of a natural system
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