

## Funding Opportunity Announcements 11.17.16

### Campus wide

#### [Duke Endowment Invites Applications for 2017-19 Fellowship Program](#)

POSTED: November 5, 2016

DEADLINE: January 2, 2017

Funding Instrument Type: Fellowship

Created in 2005, the Fellowship 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 — and provides them with an opportunity to learn about an array of issues confronting Carolinians and the Carolinas. The fellowship is a two-year full-time assignment and, in addition to an annual salary and benefits, provides fellows with access to the endowment's executive leadership and a variety of personalized professional development opportunities. Fellows typically begin their work at the endowment between July 15 and August 1. To be eligible, applicants must be a past or current resident of North Carolina or South Carolina, or a graduate of a college or university located in North Carolina or South Carolina. Applicants also must have at least one to two years of work experience after obtaining an undergraduate degree and/or have a graduate degree.

#### [Kinship Conservation Accepting Applications for 2017 Fellowships](#)

POSTED: November 11, 2016

DEADLINE: January 16, 2017

Funding Instrument Type: Fellowship

The Kinship Conservation Fellows is an environmental leadership program that emphasizes market-based solutions to environmental problems. Fellowships provide month-long, in-residence programming delivered by a faculty of global experts who work closely with each cohort of fellows. Fellows attend dynamic sessions, participate in collaborative and independent projects, and enjoy a rich, multifaceted experience. In addition, fellows have the opportunity to work directly with principles and practices that can improve the way we interpret and respond to complex environmental conservation problems. Each fellow will receive a \$6,000 stipend and lodging for one month. The 2017 program will be held on the campus of Western Washington University in Bellingham, Washington, from June 25 through July 26, 2017. To qualify, applicants must be a mid-career conservation professional (at least five years of experience) familiar with market-based mechanisms and demonstrate leadership, innovative thinking, and mission-driven achievements.

#### [National Science Foundation \(NSF\): Cyberlearning and Future Learning Technologies \(Cyberlearning\)](#)

POSTED: November 10, 2016

DEADLINE: February 10, 2017

Funding Instrument Type: Grant

The purpose of the Cyberlearning and Future Learning Technologies program is to integrate opportunities offered by emerging technologies with advances in what is

known about how people learn to advance three interconnected thrusts: 1) Cyber innovation; 2) Learning innovation; and 3) Advancing understanding of how people learn in technology-rich learning environments. The intention of this program is to advance technologies that specifically focus on the experiences of learners; innovations that simply focus on making teaching easier will not be funded. Proposals that focus on teachers or facilitators as learners are invited; the aim in these proposals should be to help teachers and facilitators capitalize on the affordances of technology and fundamental knowledge about how people learn to make the learning experiences of learners more effective. Proposals are expected to address all three of the program's thrusts. Of particular interest are technological advances that (1) foster deep understanding of content coordinated with masterful learning of practices and skills; (2) draw in and encourage learning among populations not served well by current educational practices; and/or (3) provide new ways of assessing understanding, engagement, and capabilities of learners. It is expected that research funded by this program will shed light on how technology can enable new forms of educational practice. This program does not support proposals that aim simply to implement and evaluate a particular software application or technology in support of a specific course.

#### [Individuals Addressing Open Society Challenges Invited to Apply for Fellowship](#)

POSTED: November 7, 2016

DEADLINE: Letters of Inquiry due March 1, 2017; upon review, selected applicants will be invited to submit a complete application by March 24, 2017.

Funding Instrument Type: Fellowship

The Open Society Fellowship was founded in 2008 to support individuals around the world pursuing innovative and unconventional approaches to fundamental open society challenges. The fellowship program seeks to fund work that will enrich public understanding of those challenges and stimulate far-reaching conversations within the Open Society Foundations network and globally. For the current application round, the program invites proposals relevant to the following propositions: Human rights are under siege everywhere. Why? 1) Those who carry out human rights analysis and reporting have been seduced by legal frameworks and largely ignore imbalances of power that lead to rights violations. 2) Political leaders increasingly play on fears that human rights are a Trojan Horse, threatening societies by promising rights to dangerous "others." These statements are intended as a provocation — to stimulate productive controversy and debate — and do not necessarily represent the views of the Open Society Foundations. Applicants are invited to dispute, substantiate, or otherwise engage with one or both of these statements in their submissions. Once chosen, fellows will work on projects of their own design and passion. At the same time, they are expected to take advantage of the intellectual and logistical resources of the Open Society Foundations and contribute meaningfully to the foundations' thinking. Fellows also will have opportunities to collaborate with one another as a cohort. Full-time fellows based in the United States will receive a stipend of \$80,000 or \$100,000, depending on work experience, seniority, and current income. Stipends will be prorated for part-time fellows.

## **University Programs**

[Dept. of State, Bureau of Democracy, Human Rights and Labor: Promoting the Human Rights of Women and Girls, Persons with Disabilities, and LGBTI Persons](#)

POSTED: November 15, 2016

DEADLINE: January 23, 2017

Funding Instrument Type: Grant

The Bureau of Democracy, Human Rights, and Labor (DRL) announces an open competition for organizations interested in submitting applications for a program that will advance an integrated, intersectional approach to advancing the human rights of women and girls; persons with disabilities, and; LGBTI persons.

## **Humanities**

[National Endowment for the Humanities \(NEH\): Media Projects Grants](#)

POSTED: November 10, 2016

DEADLINE: January 11, 2017

Funding Instrument Type: Grant

The Media Projects program supports film, television, and radio projects that engage public audiences with humanities ideas in creative and appealing ways. All projects must be grounded in humanities scholarship in disciplines such as history, art history, film studies, literature, drama, religious studies, philosophy, or anthropology. Projects must also demonstrate an approach that is thoughtful, balanced, and analytical (rather than celebratory). The approach to the subject matter must go beyond the mere presentation of factual information to explore its larger significance and stimulate critical thinking. Projects must demonstrate the potential to attract a broad general audience. NEH encourages projects that engage public audiences through multiple formats in the exploration of humanities ideas. Development grants enable media producers to collaborate with scholars to develop humanities content and to prepare programs for production. Grants should result in a script and may also yield a detailed plan for outreach and public engagement in collaboration with a partner organization or organizations. Production grants support the production and distribution of films, television programs, and radio programs that promise to engage a broad public audience.

[National Endowment for the Humanities \(NEH\): Public Humanities Projects](#)

POSTED: November 10, 2016

DEADLINE: January 11, 2017

Funding Instrument Type: Grant

Public Humanities Projects grants support projects that bring the ideas and insights of the humanities to life for general audiences. Projects must engage humanities scholarship to analyze significant themes in disciplines such as history, literature, ethics, and art, or to address challenging issues in contemporary life. NEH encourages projects that involve members of the public in collaboration with humanities scholars or that invite contributions from the community in the development and delivery of humanities programming. This grant program supports a variety of forms of audience engagement. Applications should follow the parameters set out for one of three formats: 1)

Community Conversations; 2) Exhibitions; 3) Historic Places. NEH encourages projects that explore humanities ideas through multiple formats. Your application must identify one primary format for your project and follow the application instructions for that format.

## **Social Sciences**

### [Nathan Cummings Foundation Accepting Applications for Climate Crisis, Inequality Fellowships](#)

POSTED: November 9, 2016

DEADLINE: December 12, 2016

Funding Instrument Type: Fellowship

The Nathan Cumming Foundation is seeking applications for the fourth cycle of the Nathan Cummings Foundation Fellowship program, which provides three individuals with up to \$150,000 each to pursue a visionary social justice, economic justice, and/ or climate change objective for up to eighteen months. The foundation is interested in applications that demonstrate exceptional vision and a willingness to disrupt entrenched systems and take risks. All proposed projects must relate to at least one of the major challenges the foundation is dedicated to addressing: inequality and climate change. Fellowship applications should align with at least one of the foundation's four focus areas within these two major issue areas: inclusive clean economy; racial and economic justice; corporate and political accountability; and voice, creativity and culture. The NCF Fellowship welcomes a diverse pool of applicants representing practitioners in a variety of fields.

### [American Society of Breast Surgeons Foundation Accepting Applications for Education, Research Projects](#)

POSTED: November 10, 2016

DEADLINE: December 15, 2016

Funding Instrument Type: Grant

The American Society of Breast Surgeons Foundation awards grants related to patient breast care and medical education. The foundation is a charitable organization dedicated to improving the standard of care for breast disease patients by providing support for medical and patient education, advancing breast disease research, diagnosis and treatment technologies, and offering programs and services to medical professionals and their patients. To that end, the foundation is accepting applications for grants in several 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 capabilities of effective patient breast health education programs; 2) Conference Grant: Grants of up to \$5,000 will be awarded to support partnerships with other organizations in support of educational meetings, conferences, or symposia, with an emphasis on those which enhance the interaction between the advocate, healthcare, and scientific communities; 3) Research Grant: Grants of up to \$5,000 will be awarded to foster the research activities of the grantee.

### [Dept. of State, Bureau of Democracy, Human Rights and Labor: FY16 - Protecting and Supporting Marginalized Roma in Europe](#)

POSTED: November 15, 2016

DEADLINE: January 16, 2017

Funding Instrument Type: Grant

DRL requests proposals that combat discrimination against Roma, promote the active participation of Roma in civic and political life, and mitigate anti-Roma violence in Europe.

[Centers for Disease Control and Prevention: Web-based Approaches to Reach Black or African American and Hispanic/Latino MSM for HIV Testing and Prevention Services](#)

POSTED: November 15, 2016

DEADLINE: January 17, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this funding opportunity announcement (FOA) is to identify the most effective internet-based strategies to increase HIV testing among black or African American and Hispanic/Latino MSM.

[Centers for Disease Control and Prevention: Evaluation of Models of PrEP Service Delivery at Title X and STD Clinics](#)

POSTED: November 15, 2016

DEADLINE: January 17, 2017

Funding Instrument Type: Cooperative Agreement

We propose to compare three health services models of pre-exposure prophylaxis (PrEP) delivery at STD and family planning clinics for patients at substantial risk for HIV acquisition. Model 1: Direct PrEP provision in STD and family planning clinics. Model 2: Passive referral to another PrEP service provider in the community. Model 3: Active linkage with patient navigators to another PrEP service provider in the community.

[Dept. of State, Secretary's Office of Global Women's Issues: Leveraging UNESCO Networks to Address the STEAM Gender Gap in Africa](#)

POSTED: November 14, 2016

DEADLINE: January 31, 2017

Funding Instrument Type: Grant

The U.S. Mission to UNESCO (USUNESCO) announces the Notice of Funding Opportunity (NOFO) for a new program to design and administer a three-year grants program aimed at identifying, developing, and expanding the most promising grassroots-led initiatives in Africa to help address the persistent gender gap in science, technology, engineering, arts/design, and math (STEAM) fields. The targeted African countries for the proposed grants program would be: Cameroon, Democratic Republic of Congo, Republic of Congo, Ethiopia, Ghana, Guinea, Kenya, Liberia, Malawi, Mali, Nigeria, Rwanda, Senegal, Sierra Leone, South Africa, Tanzania, Togo, Uganda, and Zimbabwe. This program aims to make progress toward eventually achieving gender parity in STEAM-related fields so that more African women and girls are empowered by the socioeconomic benefits derived from acquiring expertise in these fields and so that more women and girls contribute to innovation by creating, rather than just using, technology.

[Dept. of Health & Human Services, Administration for Community Living: FIELD INITIATED PROJECTS PROGRAM \(RESEARCH\)](#)

POSTED: November 10, 2016

DEADLINE: February 8, 2017

Funding Instrument Type: Grant

The purpose of the Field Initiated (FI) Projects program is to generate new knowledge through research or to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities. In carrying out a research activity under an FI Projects research grant, a grantee must identify one or more hypotheses or research questions and, based on the hypotheses or research questions identified, perform an intensive, systematic study directed toward producing (1) new scientific knowledge, or (2) better understanding of the subject, problem studied, or body of knowledge.

[Dept. of Health & Human Services, Administration for Community Living: FIELD INITIATED PROJECTS PROGRAM \(DEVELOPMENT\)](#)

POSTED: November 10, 2016

DEADLINE: February 8, 2017

Funding Instrument Type: Grant

The purpose of the Field Initiated (FI) Projects program is to generate new knowledge through research or to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities. In carrying out a development activity under a FI Projects development grant, a grantee must use knowledge and understanding gained from research to create materials, devices, systems, methods, measures, techniques, tools, prototypes, processes, or intervention protocols, that are beneficial to the target population.

[Centers for Disease Control and Prevention: Research Using Linked Data to Understand Motor Vehicle Injury Among Older Adults](#)

POSTED: November 9, 2016

DEADLINE: February 13, 2017

Funding Instrument Type: Cooperative Agreement

Motor vehicle crashes are the second leading cause of unintentional injury death for adults aged 65 years and older. The Centers for Disease Control and Prevention's National Center for Injury Prevention and Control (NCIPC) is soliciting investigator-initiated research that will help determine the utility of linked data for identifying risk factors, protective factors, and outcomes of motor vehicle crashes among older adults. A better knowledge of how motor vehicle crashes affect types of injuries and injury severity can increase the potential public health impact of motor vehicle crash prevention efforts. Effective data linkage models could be integrated into

more comprehensive crash risk assessment and management strategies and, when adopted, help to decrease the rates of injuries and deaths among persons involved in motor vehicle crashes.

[Centers for Disease Control and Prevention: Development and Evaluation of Sports Concussion Prevention Strategies](#)

POSTED: November 14, 2016

DEADLINE: February 16, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this research is to either (a) develop and pilot test a new intervention OR (b) rigorously evaluate an existing intervention that targets young athletes participating in sports programs. Interventions should be social and behavioral in nature and can represent either primary prevention or secondary prevention of sports-related concussion. Primary prevention interventions aim to prevent sports-related concussions before they occur, while secondary prevention interventions aim to reduce the impact of concussions that have already occurred. Information gleaned from this research can inform mechanisms for change in the culture of youth sports and support multi-stakeholder approaches to promoting a positive (preventive) culture of sport to mitigate negative norms, beliefs, mores, and policies that may increase risks of concussion among young athletes.

**Natural Sciences**

[National Science Foundation \(NSF\): Solar, Heliospheric, and INterplanetary Environment \(SHINE\)](#)

POSTED: November 14, 2016

DEADLINE: December 9, 2016

Funding Instrument Type: Grant

The solar and heliospheric research communities are dedicated to promoting enhanced understanding of, and predictive capabilities for, solar disturbances that propagate to the Earth. Broad-based, grass-roots associations such as SHINE have developed to focus community effort on these scientific questions. Proposals are solicited for research directly related to topics under consideration and discussion at community workshops organized by SHINE. Information on the current activities of SHINE may be found at the following web site: <http://www.shinecon.org>.

[Nathan Cummings Foundation Accepting Applications for Climate Crisis, Inequality Fellowships](#)

POSTED: November 9, 2016

DEADLINE: December 12, 2016

Funding Instrument Type: Fellowship

The Nathan Cumming Foundation is seeking applications for the fourth cycle of the Nathan Cummings Foundation Fellowship program, which provides three individuals with up to \$150,000 each to pursue a visionary social justice, economic justice, and/ or climate change objective for up to eighteen months. The foundation is interested in applications that demonstrate exceptional vision and a willingness to disrupt entrenched

systems and take risks. All proposed projects must relate to at least one of the major challenges the foundation is dedicated to addressing: inequality and climate change. Fellowship applications should align with at least one of the foundation's four focus areas within these two major issue areas: inclusive clean economy; racial and economic justice; corporate and political accountability; and voice, creativity and culture. The NCF Fellowship welcomes a diverse pool of applicants representing practitioners in a variety of fields.

[National Science Foundation \(NSF\): ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers](#)

POSTED: November 14, 2016

DEADLINE: For **Partnership** proposals, Letters of Intent (required) due December 14, 2016 and full proposals due January 11, 2017; for **Adaptation** proposals, Letters of Intent (required) due August 9, 2017 and full proposals due September 13, 2017; for Institutional Transformation proposals, Preliminary Proposals (required) due April 12, 2017 and full proposals due January 17, 2018

Funding Instrument Type: Grant or Cooperative Agreement

The goals of the ADVANCE program are (1) to develop systemic approaches to increase the representation and advancement of women in academic STEM careers; (2) to develop innovative and sustainable ways to promote gender equity that involve both men and women in the STEM academic workforce; and (3) to contribute to the research knowledge base on gender equity and the intersection of gender and other identities in STEM academic careers. There are three program tracks; all projects are expected to build on prior ADVANCE work and gender equity research and literature to broaden the implementation of organizational and systemic strategies to foster gender equity in STEM academic careers: 1) The **Institutional Transformation** (IT) track supports the development of innovative organizational change strategies to produce comprehensive change within one non-profit two-year or four-year academic institution across all STEM disciplines. 2) The **Adaptation** track supports the adaptation and implementation of evidence-based organizational change strategies, ideally from among those developed and implemented by ADVANCE projects. 3) The **Partnership** track will support partnerships of two or more non-profit academic institutions and/or STEM organizations to increase gender equity in STEM academics.

**Note on limited submission:** One proposal per institution allowed for Institutional Transformation and Adaptation proposals; no limit for Partnership proposals.

[American Society of Breast Surgeons Foundation Accepting Applications for Education, Research Projects](#)

POSTED: November 10, 2016

DEADLINE: December 15, 2016

Funding Instrument Type: Grant

The American Society of Breast Surgeons Foundation awards grants related to patient breast care and medical education. The foundation is a charitable organization dedicated to improving the standard of care for breast disease patients by providing support for medical and patient education, advancing breast disease research,

diagnosis and treatment technologies, and offering programs and services to medical professionals and their patients. To that end, the foundation is accepting applications for grants in several 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 capabilities of effective patient breast health education programs; 2) Conference Grant: Grants of up to \$5,000 will be awarded to support partnerships with other organizations in support of educational meetings, conferences, or symposia, with an emphasis on those which enhance the interaction between the advocate, healthcare, and scientific communities; 3) Research Grant: Grants of up to \$5,000 will be awarded to foster the research activities of the grantee.

[National Science Foundation \(NSF\): CyberCorps\(R\) Scholarship for Service \(SFS\)](#)

POSTED: November 15, 2016

DEADLINE: Submission window is December 1--15, 2016

Funding Instrument Type: Grant

The Capacity Track seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. Proposals are encouraged that contribute to the expansion of existing educational opportunities and resources in cybersecurity and focus on efforts such as research on the teaching and learning of cybersecurity, including research on materials, methods and interventions; curricula recommendations for new courses, degree programs, and educational pathways with plans for wide adoption nationally; teaching and learning effectiveness of cybersecurity curricular programs and courses; integration of cybersecurity topics into computer science, data science, information technology, engineering and other existing degree programs with plans for pervasive adoption; and partnerships between institutions of higher education, government, and relevant employment sectors leading to improved models for the integration of applied research experiences into cybersecurity degree programs.

[National Science Foundation \(NSF\): NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures \(CAPA\)](#)

POSTED: November 15, 2016

DEADLINE: Submission window is December 8--15, 2016

Funding Instrument Type: Grant or Intel Agreement

The NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures (CAPA) aims to address the problem of effective software development for diverse hardware architectures through groundbreaking university research that will lead to a significant, measurable leap in software development productivity by partially or fully automating software development tasks that are currently performed by humans. The main research objectives for CAPA include programmer effectiveness, performance portability, and performance predictability. In order to address these objectives, CAPA seeks research proposals that explore (1) programming abstractions and/or methodologies that separate performance-related aspects of program design from how they are implemented; (2) program synthesis and machine learning approaches for automatic software construction that are demonstrably correct; (3) advanced

hardware-based cost models and abstractions to support multi-target code generation and performance predictability for specified heterogeneous hardware architectures; and (4) integration of research results into principled software development practices.

[National Science Foundation \(NSF\): Oceanographic Facilities and Equipment Support](#)

POSTED: November 15, 2016

DEADLINE: Proposals for **Oceanographic Instrumentation** and **Shipboard Scientific Support Equipment** due December 15, 2016; proposals for **Ship Acquisition** and **Upgrade and Other Facility Activities** accepted anytime.

Funding Instrument Type: Grant or Cooperative Agreement

Oceanographic facilities and equipment are supported by the Integrative Programs Section (IPS) of the Division of Ocean Sciences Division (OCE), Directorate for Geosciences (GEO). These awards are made for the procurement, conversion and/or up-grade, enhancement or annual operation of platforms in the ocean, coastal, near-shore and Great Lakes. Awards are generally directed specifically to support facilities that lend themselves to shared use within the broad range of federally-supported research and education programs. The primary objective of these awards is to ensure the availability of appropriate facilities for federally-funded investigators and educators.

**Oceanographic Instrumentation (OI):** The OI Program provides support to enhance the scientific capabilities and productivity of seagoing research projects that use major facilities, primarily research vessels. Proposals for shared-use instrumentation may include items for the collection, processing and analysis of oceanographic data. Typical items which qualify are sensors, acoustic systems, data loggers, water sampling rosettes, biological net systems, coring equipment and auto-analyzers. Requested instrumentation must be justifiable in terms of multi-project cooperative utilization.

**Shipboard Scientific Support Equipment (SSSE):** The SSSE Program provides support to improve safety and enhance scientific capabilities and productivity of seagoing research programs that use major facilities, primarily research vessels. Proposals may include requests for either new permanent or portable equipment required to outfit a vessel to conduct oceanographic research and overhaul of equipment funded under this program including such items as science handling systems (winches, frames, cranes, etc.), the entire range of navigation and communication equipment, and safety and regulatory-related items. This program also provides support for the UNOLS equipment pools (wires, vans and winches). Requests for both replacement and installation of new equipment may be submitted.

**Ship Acquisition and Upgrade (SAU):** In coordination with interagency agreements and broader Academic Fleet modernization requirements, OCE periodically makes awards for the acquisition, design and construction, modification (either capability enhancement or Service Life Extension), or conversion of research vessels. These awards are dependent upon the availability of funds appropriated for this purpose and are made only on strong evidence of scientific need for a new or reconditioned vessel.

**Other Facility Activities (OFA):** OCE supports specialized facility operations (i.e. Deep Submergence), University-National Oceanographic Laboratory System (UNOLS) functions, workshops and other facilities enhancement and developmental activities. All

projects must focus on shared-use capabilities for the ocean science research community.

[Parkinson's Disease Foundation Invites Applications for Mentored Research](#)

POSTED: November 11, 2016

DEADLINE: January 6, 2017

Funding Instrument Type: Grant

The Parkinson's Disease Foundation is inviting applications from new investigators for its PDF-PSG Mentored Clinical Research Award. A single grant of \$50,000 will be awarded for a one-year project in patient-oriented research in Parkinson's disease or other Parkinsonian disorders under the mentorship of an experienced investigator. The goal of the award is to provide funding for an investigator who has the potential to become an independent researcher. To be eligible, applicants should be clinicians and scientists who are within five years of having completed formal training. Fellows may apply.

[Centers for Disease Control and Prevention: Web-based Approaches to Reach Black or African American and Hispanic/Latino MSM for HIV Testing and Prevention Services](#)

POSTED: November 15, 2016

DEADLINE: January 17, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this funding opportunity announcement (FOA) is to identify the most effective internet-based strategies to increase HIV testing among black or African American and Hispanic/Latino MSM.

[Dept. of Health & Human Services, Administration for Community Living: FIELD INITIATED PROJECTS PROGRAM \(RESEARCH\)](#)

POSTED: November 10, 2016

DEADLINE: February 8, 2017

Funding Instrument Type: Grant

The purpose of the Field Initiated (FI) Projects program is to generate new knowledge through research or to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities. In carrying out a research activity under an FI Projects research grant, a grantee must identify one or more hypotheses or research questions and, based on the hypotheses or research questions identified, perform an intensive, systematic study directed toward producing (1) new scientific knowledge, or (2) better understanding of the subject, problem studied, or body of knowledge.

[Dept. of Health & Human Services, Administration for Community Living: FIELD INITIATED PROJECTS PROGRAM \(DEVELOPMENT\)](#)

POSTED: November 10, 2016

DEADLINE: February 8, 2017

Funding Instrument Type: Grant

The purpose of the Field Initiated (FI) Projects program is to generate new knowledge through research or to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities. In carrying out a development activity under a FI Projects development grant, a grantee must use knowledge and understanding gained from research to create materials, devices, systems, methods, measures, techniques, tools, prototypes, processes, or intervention protocols, that are beneficial to the target population.

[National Science Foundation \(NSF\): Algorithms for Modern Power Systems \(AMPS\)](#)

POSTED: November 16, 2016

DEADLINE: February 13, 2017

Funding Instrument Type: Grant

The Algorithms for Modern Power Systems (AMPS) program will support research projects to develop the next generation of mathematical and statistical algorithms for improvement of the security, reliability, and efficiency of the modern power grid. The program is a partnership between the Division of Mathematical Sciences (DMS) at the National Science Foundation (NSF) and the Office of Electricity Delivery & Energy Reliability (OE) at the U.S. Department of Energy (DOE).

[Applications Invited for Sigma Xi Student Science and Engineering Research Grants](#)

POSTED: November 8, 2016

DEADLINE: March 15, 2017

Funding Instrument Type: Grant

Sigma Xi, a society of research scientists and engineers that rewards excellence in research and cooperation among scientists in all fields, has been providing undergraduate and graduate students with valuable educational experiences and financial support for more than eighty years. By encouraging close working relationships between students and faculty, the society promotes scientific achievement through hands-on learning. Through the Sigma Xi Grants-in-Aid of Research program, the society awards grants of up to \$1,000 to students from all areas of the sciences and engineering. Designated funds from the National Academy of Sciences allow for grants of up to \$5,000 for astronomy research and \$2,500 for vision-related research. Funding can support travel expenses or non-standard laboratory equipment necessary to complete a specific research project.