Advanced Nursing Education Workforce (ANEW) Program (CFDA No. 93.247)
**Purpose:** To support innovative academic-practice partnerships to prepare primary care advanced practice registered nursing students to practice in rural and underserved settings through academic and clinical training.
**Eligibility:** Entities that provide registered nurses (RNs) with training that leads to master’s and/or doctoral degrees that prepare nurses to serve as primary care nurse practitioners, primary care clinical nurse specialists, and nurse-midwives including accredited schools of nursing, nursing centers, academic health centers, state or local governments, and other public or private nonprofit entities.
**Funding:** $31.8 million.
**Deadline:** 1/25/2016.
**Contact:** Tel. (301) 945-3991; E-mail: ane@hrsa.gov.

Biosystems Design to Enable Next-Generation Biofuels and Bioproducts (CFDA No. 81.049)
**Purpose:** To integrate large-scale systems biology data to model, design, and engineer microbial systems for the production of biofuels and bioproducts.
**Eligibility:** Not specified.
**Funding:** $15 million.
**Deadline:** 3/20/2017.
**Contact:** Tel. (301) 903-3026; E-mail: kim.laing@science.doe.gov.

Boating Safety Financial Assistance (CFDA No. 97.012)
**Purpose:** To reduce the number of accidents, injuries, and deaths on America’s waterways and provide a safe enjoyable experience for the boating public and encourage greater nonprofit organizations’ participation and uniformity in boating safety efforts.
**Eligibility:** Nonprofits.
**Funding:** $5 million.
**Deadline:** 1/27/2017.
**Contact:** Tel. (202) 373-1060; E-mail: carlin.r.hertz@uscg.mil.

Centers of Excellence (COE) (CFDA No. 93.157)
**Purpose:** To strengthen the national capacity to produce a quality healthcare workforce whose racial and ethnic diversity is representative of the U.S. population.
**Eligibility:** Accredited allopathic schools of medicine, osteopathic medicine, dentistry, pharmacy, and graduate programs in behavioral or mental health.
**Funding:** $8.7 million.
**Deadline:** 1/9/2017.
**Contact:** Tel. (301) 443-8032; E-mail: vwoo@hrsa.gov.

Community Food Projects (CFP) Competitive Grant Program (CFDA No. 10.225)
**Purpose:** To meet the food needs of low-income individuals through food distribution, community outreach to assist in participation in federally assisted nutrition programs, or improving access to food as part of a comprehensive service; increase the self-reliance of communities in providing for the food needs of the communities; promote comprehensive responses to local food access, farm, and nutrition issues; and meet specific state, local, or neighborhood food and agricultural needs including needs relating to: equipment necessary for the efficient operation of a project; planning for long-term solutions; or the creation of innovative marketing activities that mutually benefit agricultural producers and low-income consumers.
**Eligibility:** Public food program service providers, tribal organizations, or private nonprofit entities, including gleaners.
**Funding:** $8.6 million.
**Deadline:** 11/30/2016.
**Contact:** E-mail: electronic@nifa.usda.gov.

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CFDA Nos. 47.049, 47.070)
**Purpose:** To promote the creation and development of the next generation of mathematical and statistical theories and tools that will be essential for addressing such issues and to support fundamental research in mathematics and statistics whose primary emphasis will be on meeting the aforementioned computational and data-related challenges.
**Eligibility:** Unrestricted.
**Funding:** $5 million.
**Deadline:** 12/9/2016.
**Contact:** E-mail: grantsgovsupport@nsf.gov.

Continuation of Solicitation for the Office of Science Financial Assistance Program, FY 2017 (CFDA No. 81.049)
**Purpose:** To support work in the program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.
**Eligibility:** Unrestricted.
**Funding:** Not specified; awards of up to $4 million.
**Deadline:** 9/30/2017.
**Contact:** Tel. (301) 903-3026; E-mail: kim.laing@science.doe.gov.

Development and/or Validation of Devices or Electronic Systems to Monitor or Enhance Mind and Body Interventions (CFDA No. 93.213)
**Purpose:** To develop and/or validate devices or electronic systems.
systems that can monitor biologically or behaviorally based processes applicable to mind and body interventions or to assist in optimizing the practice or increasing the efficacy of mind and body interventions.

Eligibility: Small businesses.
Funding: $400,000.
Contact: E-mail: electronic@nifa.usda.gov.

Garrett Lee Smith (GLS) Campus Suicide Prevention Grant (CFDA No. 93.243)

Purpose: To facilitate a comprehensive public health approach to prevent suicide in institutions of higher education and to assist colleges and universities in building essential capacity and infrastructure to support expanded efforts to promote wellness and help-seeking of all students.

Eligibility: Institutions of higher education.
Funding: $1.5 million.
Deadline: 12/7/2016.
Contact: Tel. (202) 276-1408; E-mail: foacmhs@samhsa.hhs.gov.

Grants to Expand Substance Abuse Treatment Capacity in Adult Treatment Drug Courts and Adult Tribal Healing to Wellness Courts (CFDA No. 93.243)

Purpose: To expand and/or enhance substance use disorder treatment services in existing adult problem-solving courts, and adult Tribal Healing to Wellness courts, which use the treatment drug court model in order to provide alcohol and drug treatment (including recovery support services, screening, assessment, case management, and program coordination) to defendants/offenders.

Eligibility: State governments, county governments, city or township governments, special district governments, and all applicable courts within.
Funding: $18.2 million.
Deadline: 12/12/2016.
Contact: Tel. (240) 276-1412; E-mail: foacsat@samhsa.hhs.gov.

EarthScope (CFDA No. 47.050)

Purpose: To provide a framework for broad, integrated studies across the earth sciences, including research on fault properties and the earthquake process, strain transfer, magmatic and hydrous fluids in the crust and mantle, plate boundary processes, large-scale continental deformation, continental structure and evolution, and composition and structure of the deep Earth; and offer a centralized forum for earth science research at all levels and an excellent opportunity to develop cyberinfrastructure to integrate, distribute, and analyze diverse data sets.

Eligibility: Nonprofit, non-academic organizations; independent museums, observatories, research labs, professional societies, and similar organizations in the U.S. associated with educational or research activities, universities, and colleges.
Funding: $750,000.
Contact: E-mail: grantsgovsupport@nsf.gov.

Food Insecurity Nutrition Incentive (FINI) Grant Program (CFDA No. 10.331)

Purpose: To increase the purchase of fruits and vegetables among low-income consumers participating in the Supplemental Nutrition Assistance Program (SNAP) by providing incentives at the point of purchase.

Eligibility: Government agencies and nonprofit organizations.
Funding: $16.7 million.
Deadline: 12/12/2016.
Contact: Tel. (202) 401-5048; E-mail: electronic@nifa.usda.gov.

Great Lakes Fish and Wildlife Restoration Act (CFDA No. 15.608)

Purpose: To provide assistance to states, Indian tribes, and other interested entities to encourage cooperative conservation, restoration, and management of the fish and wildlife resources and their habitats in the Great Lakes Basin.

Eligibility: State governments; county governments; city or township governments; special district governments; independent school districts; public and state-controlled institutions of higher education; public housing authorities/Indian housing authorities; Native American tribal organizations; nonprofits; private institutions of higher education; for-profit organizations, other than small businesses; and small businesses.
Funding: $1.5 million.
Deadline: 12/12/2016.
Contact: Tel. (240) 584-3553; E-mail: rick_westerhof@fws.gov.

Long-Term Research in Environmental Biology (CFDA No. 47.074)

Purpose: To support the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science including the effects of natural selection or other evolutionary processes on populations, communities, or ecosystems; the effects of interspecific interactions that vary over time and space; population or community dynamics for organisms that have extended life spans and long turnover times; feedbacks between ecological and evolutionary processes; pools of materials such as nutrients in soils that turn over at intermediate to longer time scales; and external forcing functions such as climatic cycles that operate over long return intervals.

Eligibility: Nonprofit, non-academic organizations; independent museums, observatories, research labs, professional
Eligibility: Information easily accessible to providers working with youth. Evidence-based/evidence-informed approaches and make that pregnancy prevention and to evaluate/assess best practices or on particular focus areas related to adolescent health and teen pregnancy prevention and to evaluate/assess best practices or evidence-based/evidence-informed approaches and make that information easily accessible to providers working with youth. Eligibility: State governments, county governments, city or township governments, special district governments, public and state-controlled institutions of higher education, Native American tribal organizations, nonprofits, and private institutions of higher education.

Manufacturing Machines and Equipment (CFDA No. 47.041)

Purpose: To enable the development of new and/or improved manufacturing machines and equipment, and optimization of their use, with a particular focus on equipment appropriate for the manufacture of mechanical and electromechanical devices, products, and systems featuring scales from microns to meters.

Eligibility: Unrestricted.

Funding: $300,000.


Contact: E-mail: grantsgovsupport@nsf.gov.

Minority Science and Engineering Improvement Program (CFDA No. 84.120A)

Purpose: To effect long-range improvement in science and engineering education at predominantly minority institutions and to increase the flow of underrepresented ethnic minorities, particularly minority women, into scientific and technological careers.

Eligibility: Public and private institutions of higher education.

Funding: $2.5 million.

Deadline: 12/20/2016.

Contact: Julius Cotton, Tel. (202) 245-6140; E-mail: julius.cotton@ed.gov.

Minority Youth Violence Prevention II (CFDA No. 93.137)

Purpose: To determine the most effective models that integrate public health and law enforcement, along with evidence-based violence prevention strategies and interventions, and culturally and linguistically appropriate approaches to reduce disparities in access to public health services, reduce violent crimes, and improve the health and well-being of communities of color in communities with greater prevalence of youth violence.

Eligibility: State governments, county governments, city or township governments, special district governments, public and state-controlled institutions of higher education, Native American tribal organizations, nonprofits, and private institutions of higher education.

Funding: $3 million.


Contact: E-mail: sonsiere.cobb-souza@hhs.gov.

National Institute of Standards and Technology (NIST) Consortium for Semiconductor and Future Computing Research Grant Program (CFDA No. 11.609)

Purpose: To support basic research, in a consortium-based setting, focused on the long-term research needs of industry in the area of future computing and information processing.

Eligibility: Institutions of higher education and private nonprofit organizations.

Funding: Not specified.


Contact: Tel. (202) 975-5718; E-mail: grants@nist.gov.

NMFS-Sea Grant Fellowships in Population and Ecosystem Dynamics, FY 2017 (CFDA No. 11.417)

Purpose: To award at least three new PhD fellowships in 2017 to students who are interested in careers related to marine ecosystem and population dynamics, with a focus on modeling and managing systems of living marine resources with emphasis on the development and implementation of quantitative methods for assessing marine ecosystems; for assessing the status of fish, invertebrate, and other targeted species stocks; and for assessing the status of marine mammals, seabirds, and other protected species.

Eligibility: U.S. citizens; at the time of application, prospective Population and Ecosystem Dynamics fellows must be admitted to a PhD degree program in population dynamics, ecosystem dynamics, or a related field such as wildlife biology, fishery biology, natural resource management, marine biology, quantitative ecology, applied mathematics, applied statistics, or simulation modeling.

Funding: Not specified; awards of up to $76,000.


Contact: Tel. (301) 973-1067; E-mail: oar.sg.fellows@noaa.gov.

Office of Postsecondary Education (OPE): Upward Bound Program (CFDA No. 84.047A)

Purpose: To support projects designed to provide students with the skills and motivation necessary to complete a program of secondary education and to enter into and succeed in a program of postsecondary education.

Eligibility: State governments, county governments, city or township governments, special district governments, Food Insecurity Nutrition Incentive (FINI) Grant Program, public and state-controlled institutions of higher education, Native American tribal organizations, nonprofits, and private institutions of higher education.

Funding: $273 million.
Rehabilitation Research Career Development Programs (CFDA No. 93.865)

**Purpose:** To coordinate the mentoring and career development of rehabilitation researchers in relevant clinical domains, which may include any one of the following: psychiatrists, physical/occupational therapy and allied health professionals, clinicians involved in neurological rehabilitation, or bioengineers.

**Eligibility:** State governments; county governments; city or township governments; special district governments; independent school districts; public and state-controlled institutions of higher education; public housing authorities/Indian housing authorities; Native American tribal organizations; nonprofits; private institutions of higher education; for-profit organizations, other than small businesses; and small businesses.

**Funding:** Not specified; awards of up to $715,000.

**Deadline:** 12/28/2016.

**Contact:** E-mail: fbowebmaster@od.nih.gov.

Solid Waste Management (SWM) Grant Program (CFDA No. 10.762)

**Purpose:** To evaluate current landfill conditions to determine threats to water resources in rural areas; provide technical assistance and/or training to enhance operator skills in the maintenance and operation of active landfills in rural areas; provide technical assistance and/or training to help associations reduce the solid waste stream; and provide technical assistance and/or training for operators of landfills in rural areas that are closed or will be closed in the near future with the development/implementation of closure plans, future land use plans, safety and maintenance planning, and closure scheduling within permit requirements.

**Eligibility:** Institutions of higher education, private nonprofit organizations, and state and local government agencies.

**Funding:** $4 million.

**Deadline:** 12/31/2016.

**Contact:** Tel. (202) 720-9635; E-mail: lavonda.pernell@wdc.usda.gov.

Sustaining Cultural Heritage Collections (CFDA No. 45.149)

**Purpose:** To ensure the preservation of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art, and historical objects through preventive conservation, which encompasses managing relative humidity, temperature, light, and pollutants in collection spaces; providing protective storage enclosures and systems for collections; safeguarding collections from theft, fire, floods, and other disasters; and implementing preservation strategies that pragmatically balance effectiveness, cost, and environmental impact.

**Eligibility:** State governments, county governments, city or township governments, special district governments, public and state-controlled institutions of higher education, Native American tribal organizations, nonprofits, and private institutions of higher education.

**Funding:** Not specified; awards of up to $350,000.

**Deadline:** 12/13/2016.

**Contact:** Tel. (202) 606-8570; E-mail: preservation@neh.gov.