Accelerating Research Through International Network-to-Network Collaborations (CFDA Nos. 47.041, 47.049, 47.050, 47.070, 47.074, 47.075, 47.076, 47.079, and 47.083)

**Purpose:** To increase the scientific discovery process and prepare the next generation of U.S. researchers for multi-team international collaborations by developing networks that will use research and educational resources to tackle scientific challenges needing significant coordinated international efforts.

**Eligibility:** Academic institutions (including universities, two- and four-year colleges, and community colleges) on behalf of faculty; and nonprofit non-academic organizations, including independent museums, observatories, research laboratories, professional societies, and similar organizations.

**Funding:** $6 million.

**Deadline:** 2/28/2019.

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

Advanced Nursing Education Workforce (ANEW) (CFDA No. 93.247)

**Purpose:** To support academic clinical partnerships to prepare primary care nurse practitioners, clinical nurse specialists, and nurse midwives to transition from nursing schools to practicing in rural and underserved communities in order to increase access to primary medical care.

**Eligibility:** Accredited schools of nursing; nursing centers; academic health centers; state or local governments; HRSA supported health centers; faith-and community-based organizations, including Native American tribes and tribal organizations; and other private or public nonprofits that the HRSA Secretary deems appropriate.

**Funding:** $37.25 million; awards of up to $700,000.

**Deadline:** 1/8/2019.

**Contact:** Janice Young, Tel. (301) 443-6739, E-mail: jyoung@hrsa.gov.

Algorithms for Threat Detection (CFDA Nos. 12.630 and 47.049)

**Purpose:** To develop the next generation of mathematical and statistical algorithms for analysis of large spatiotemporal datasets that can be used as quantitative models of human dynamics.

**Eligibility:** Unrestricted.

**Funding:** $3 million.

**Deadline:** 2/19/2019.

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

AmeriCorps State and National Grants, FY 2019 (CFDA No. 94.006)

**Purpose:** To engage AmeriCorps members in interventions to strengthen communities.

**Eligibility:** Native American tribal governments and organizations; public, state, and private institutions of higher education; state, county, special district, city, or township governments; nonprofits with or without 501(c)(3) status with the IRS (other than institutions of higher education); public or Indian housing authorities; and independent school districts.

**Funding:** Not specified.

**Deadline:** 1/30/2019.

**Contact:** Tel. (202) 606-6659, E-mail: americorpsgrants@cns.gov.

Ceramics (CFDA No. 47.049)

**Purpose:** To support research into ceramics, glass-ceramics, inorganic glasses, ceramic-based composites, and inorganic carbon-based materials.

**Eligibility:** Academic institutions (includes universities, two- and four-year colleges, and community colleges) on behalf of faculty, and nonprofit non-academic organizations, including independent museums, observatories, research laboratories, professional societies, and similar organizations.

**Funding:** $10 million; awards between $110,000 and $160,000.

**Deadline:** Proposals accepted anytime.

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

CISE Community Research Infrastructure (CFDA No. 47.070)

**Purpose:** To support diverse communities of computer and information science and engineering researchers by creating new community research infrastructure, enhancing existing infrastructure, and improving community outreach.

**Eligibility:** Academic institutions (includes universities, two- and four-year colleges, and community colleges) on behalf of faculty; and nonprofit non-academic organizations, including independent museums, observatories, research laboratories, professional societies, and similar organizations.

**Funding:** $25 million; awards between $50,000 and $5 million.

**Deadline:** 2/20/2019.

**Contact:** E-mail: grantsgovsupport@nsf.gov.
**Digital Humanities Advancement Grants (CFDA No. 45.169)**

**Purpose:** To support digital projects at different stages of their lifecycles, using experimentation, reuse, and extensibility to create works that can scale to enhance scholarly research, teaching, and public programming in digital humanities initiatives.

**Eligibility:** Native American tribal governments; public, state, and private institutions of higher education; state, county, special district, city, or township governments; and nonprofits with 501(c)(3) status with the IRS (other than institutions of higher education).

**Funding:** Not specified; awards between $10,000 and $375,000.

**Deadline:** 1/15/2019.

**Contact:** E-mail: odh@neh.gov.

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**EHR Core Research (CFDA No. 47.076)**

**Purpose:** To fund fundamental research that advances knowledge in one or more fields related to STEM in order to address challenges interest, learning, and participation in STEM across all ages, groups, and settings.

**Eligibility:** Unrestricted.

**Funding:** $35 million; awards between $25,000 and $2.5 million.

**Deadline:** 1/24/2019.

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

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**Enabling Access to Cloud Computing Resources for CISE Research and Education (CFDA No. 47.070)**

**Purpose:** To create an entity that can serve as a principal interface between the CISE research and education community and public cloud computing providers, including establishing partnerships; assisting in allocating cloud computing resources; managing cloud computing individual CISE projects accounts and resources; providing user training and other support to CISE researchers and educators; and providing strategic technical guidance for CISE researchers and educators interested in using public cloud computing platforms.

**Eligibility:** Academic institutions (includes universities, two- and four-year colleges, and community colleges) on behalf of faculty; and nonprofit non-academic organizations, including independent museums, observatories, research laboratories, professional societies, and similar organizations.

**Funding:** $5 million.

**Deadline:** 2/19/2019.

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

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**Fair Housing Initiative Program-Education and Outreach Initiatives (CFDA No. 14.416)**

**Purpose:** To assist organizations with informing the public about their rights and obligations under the Fair Housing Act.

**Eligibility:** Qualified Fair Housing Enforcement Organizations; Fair Housing Enforcement Organizations; nonprofits; public or private entities that are formulating or carrying out programs to prevent or eliminate discriminatory housing practices; state or local governments; and agencies that participate in the Fair Housing Assistance Program.

**Funding:** $7.45 million; awards between $125,000 and $1 million.

**Deadline:** 12/19/2018.

**Contact:** Myron Newry, E-mail: myron.p.newry@hud.gov.

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**Fair Housing Initiative Program-Fair Housing Organization Initiative (CFDA No. 14.417)**

**Purpose:** To establish new fair housing enforcement organizations and support existing fair housing organizations in increasing their capacity to enforce the Fair House Act’s provisions against discrimination.

**Eligibility:** Qualified Fair Housing Enforcement Organizations, Fair Housing Enforcement Organizations, and nonprofits organizing to build their capacity to provide fair housing enforcement.

**Funding:** $500,000; awards between $100,000 and $250,000.

**Deadline:** 12/19/2018.

**Contact:** Myron Newry, E-mail: myron.p.newry@hud.gov.

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**Fair Housing Initiative Program-Private Enforcement Initiative (CFDA No. 14.418)**

**Purpose:** To help private, nonprofit fair housing enforcement organizations conduct investigations and enforce alleged violations of the Fair Housing Act.

**Eligibility:** Qualified Fair Housing Enforcement Organizations with at least two years of experience in: complaint intake and investigation, testing for fair housing violations, enforcement related experience, and meritorious claims; and Fair Housing Enforcement Organizations with at least one year of experience in enforcement related activities.
Funding: $6.130 million; awards between $100,000 and $300,000.
Deadline: 12/19/2018.
Contact: Myron Newry,
E-mail: myron.p.newry@hud.gov.

Gen-4 Engineering Research Centers (CFDA No. 47.041)
Purpose: To support research that will have a strong societal impact that will go beyond the research project, including engineering workforce development, creating a culture of diversity and inclusion where all participants mutually benefit; and valuing creation within an innovative ecosystem that will outlast the research project.
Eligibility: Universities that offer undergraduate, masters, and doctoral engineering degrees. Universities must be in partnerships with another academic institution to be eligible.
Funding: $14 million.
Contact: E-mail: grantsgovsupport@nsf.gov.

Geoinformatics (CFDA No. 47.050)
Purpose: To develop cyberinfrastructure for the geosciences, including community-driven development and implementation of databases; tools for data integration, interoperability, and visualization; and software development and code hardening, among other projects.
Eligibility: Unrestricted.
Funding: $4.8 million; awards between $35,000 and $1.7 million.
Contact: E-mail: grantsgovsupport@nsf.gov.

Great Lakes Fish and Wildlife Restoration Act (CFDA Nos. 15.608 and 15.662)
Purpose: To restore Great Lakes Basin fish and wildlife resources by encouraging cooperative conservation and the restoration and management of fish and wildlife resources and habitat.
Eligibility: Native American tribal governments and organizations; public, state, and private institutions of higher education; state, county, special district, city, or township governments; nonprofits with and without 501(c)(3) status with the IRS (other than institutions of higher education); small businesses; for-profit organizations (other than small businesses); public or Indian housing authorities; and independent school districts.
Funding: $1.1 million; awards between $2,000 and $1.1 million.
Deadline: 1/7/2019.
Contact: Rick Westerhof, Tel. (231) 584-3553,
E-mail: rick_westerhof@fws.gov.

Health Center Controlled Networks (CFDA No. 93.527)
Purpose: To help health centers leverage health IT to increase their participation in value-based care by enhancing patient and provider experiences, advancing interoperability; and using data to enhance value.
Eligibility: Public and private nonprofits; and faith-and community-based organizations, including Native American tribes and tribal organizations.
Funding: $42 million.
Contact: Michelle Moses-Eisenstein, Tel. (301) 594-4300,
E-mail: bphchccn@hrsa.gov.

Initiative for Maximizing Student Development (IMSD) (CFDA No. 93.859)
Purpose: To enhance the diversity of biomedical research scientists by providing support to institutions to develop and implement approaches to biomedical training and mentoring that will keep up with the rapid evolution of the field.
Eligibility: Native American tribal governments and organizations; public, state, and private institutions of higher education; state, county, special district, city, or township governments; nonprofits with or without 501(c)(3) status with the IRS (other than institutions of higher education); small businesses; for-profit organizations (other than small businesses); public or Indian housing authorities; and independent school districts.
Funding: Not specified.
Contact: E-mail: fbowebmaster@od.nih.gov.

Materials Research Science and Engineering Centers (CFDA No. 47.049)
Purpose: To support materials research infrastructure, encourage active collaboration between universities and other sectors, and contribute to the development of a national network of university-based centers in materials research, education, and facilities.
Eligibility: Academic institutions of higher education on behalf of faculty.
Funding: $31.5 million.
Contact: E-mail: grantsgovsupport@nsf.gov.
Media Projects (CFDA No. 45.164)
**Purpose:** To support documentary film, television, radio, and podcast projects that engage public audiences with humanities ideas in creative and appealing ways.
**Eligibility:** Native American tribal governments; public, state, and private institutions of higher education; state, county, special district, city, or township governments; and nonprofits with 501(c)(3) status with the IRS (other than institutions of higher education).
**Funding:** Not specified; awards of up to $1 million.
**Deadline:** 1/9/2019.
**Contact:** Tel. (202) 606-8269, E-mail: publicpgms@neh.gov.

NSF Quantum Computing & Information Science Faculty Fellows (CFDA No. 47.070)
**Purpose:** To grow academic research capacity in computing and information science fields to support advances in quantum computing and/or communications over the long term.
**Eligibility:** Institutions of higher education.
**Funding:** $6.75 million; awards starting at $750,000.
**Deadline:** 2/25/2019.
**Contact:** E-mail: grantsgovsupport@nsf.gov.

Partners for Fish and Wildlife (CFDA No. 15.631)
**Purpose:** To provide direct technical and financial assistance to private landowners to restore and conserve fish and wildlife habitat for the benefit of federal trust resources.
**Eligibility:** Unrestricted.
**Funding:** $52 million; awards of up to $750,000.
**Deadline:** 9/30/2019.
**Contact:** Patrick Schulze, Tel. (703) 358-2567, E-mail: patrick_schulze@fws.gov.

Partnerships for Innovation (CFDA Nos. 47.041; 47.049; 47.050; 47.070; 47.074; 47.075; 47.076; 47.079; and 47.083)
**Purpose:** To offer science and engineering researchers the opportunity to conduct translational research and technology development, improve partnerships between academia and industry, expand the participation of women and individuals from underrepresented communities, and increase the transition of laboratory discoveries to the marketplace for societal benefit, using five goals from the American Innovation and Competitiveness Act of 2017.
**Eligibility:** Academic institutions (includes universities, two- and four-year colleges, and community colleges) on behalf of faculty and nonacademic organizations directly associated with technology transfer activities.
**Funding:** $20 million; awards of up to $550,000.
**Deadline:** 1/17/2019.
**Contact:** E-mail: grantsgovsupport@nsf.gov.

Preservation Technology and Training Grants, 2019 (CFDA No. 15.923)
**Purpose:** To create better tools, materials, and approaches to conserving buildings, landscapes, sites, and collections, including research, specialized workshops, how-to videos, mobile applications, and other types of media.
**Eligibility:** Federal and non-federal laboratories; accredited museums; universities; nonprofit organizations; system units and offices and cooperative park study units of the system; local governments; state historic preservation offices; tribal preservation offices, and native Hawaiian organizations.
**Funding:** $300,000; awards between $5,000 and $30,000.
**Deadline:** 1/3/2019.
**Contact:** Todd Wilson, E-mail: todd_wilson@nps.gov.

Scalable Parallelism in the Extreme (CFDA No. 47.070)
**Purpose:** To encourage research addressing the challenges of increasing performance in parallel computing using collaborative efforts between researchers in multiple areas, including all five National Strategic Computing Initiative Strategic Objectives.
**Eligibility:** Academic institutions (includes universities, two- and four-year colleges, and community colleges) on behalf of faculty; and nonprofit non-academic organizations, including independent museums, observatories, research laboratories, professional societies, and similar organizations.
**Funding:** $10 million.
**Deadline:** 1/17/2019.
**Contact:** E-mail: grantsgovsupport@nsf.gov.

School Nutrition Training Grant for Allied Professional Organizations (CFDA No. 10.534)
**Purpose:** To assist allied professional associations with developing a training program for school nutritional professionals that focuses on school food service meal preparation and workforce development.
**Eligibility:** Nonprofits with 501(c)(3) status with the IRS, other than institutions of higher education.
**Funding:** $2 million.
**Deadline:** 1/28/2019.
**Contact:** Anna Arrowsmith, Tel. (703) 305-2998, E-mail: anna.arrowsmith@fns.usda.gov.
Solid Waste Management Grant Program (CFDA No. 10.762)

Purpose: To evaluate landfill conditions to determine threats to rural water resources or to provide technical assistance and/or training. Technical assistance and training is available to (1) improve operator skills in maintaining and operating active rural landfills; (2) reduce the solid waste stream; or (3) help operators of rural landfills which are closed or will be closing in the near future with developing or implementing plans.

Eligibility: Nonprofits with 501(c)(3) status with the IRS; Native American tribes; public bodies; and academic institutions.

Funding: $4 million; awards of up to $1 million.

Deadline: 12/31/2018.

Contact: Lavonda Pernell. Tel. (202) 720-9635, E-mail: lavonda.pernell@wdc.usda.gov.

Targeted Airshed Grant Program, 2018 (CFDA No. 66.956)

Purpose: To develop plans and conduct projects that will reduce air pollution in non-attainment areas that the EPA determines are the top five most polluted.

Eligibility: Air pollution control agencies.

Funding: $40 million; awards of up to $5 million.


Contact: Deborah Elmore, Tel. (919) 541-5437, E-mail: elmore.deborah@epa.gov.

Special Professional Fellows Program for Latin America and the Caribbean, FY 2019 (CFDA No. 19.415)

Purpose: To establish a two-way global exchange program between nonprofits, students, and institutions of higher education in order to build a network of young business professionals and social entrepreneurs across Latin America, the Caribbean, and the U.S.

Eligibility: Public, state, and private institutions of higher education; and nonprofits with 501(c)(3) status with the IRS (other than institutions of higher education).

Funding: Not specified; awards of up to $5 million.

Deadline: 12/19/2018.

Contact: Hans Posey, E-mail: poseyhe@state.gov.

Wood Innovations Funding Opportunity, 2019 (CFDA No. 10.674)

Purpose: To expand and accelerate wood energy and products markets throughout the U.S. to support forest management needs on National Forest System and other forest lands.

Eligibility: Native American tribal governments; institutions of higher education; state, local, and special district governments; nonprofits; for-profit organizations; and school districts.

Funding: $8 million; awards between $10,000 and $250,000.


Contact: Edward Cesa, Tel. (304) 285-1530, E-mail: ecesa@fs.fed.us.

Statewide Consumer Network Program (CFDA No. 93.243)

Purpose: To improve efforts to address the needs of adults with serious mental illness by developing and/or expanding peer support services, peer leadership, and peer engagement strategies statewide, in order to increase the access and quality of mental health services.

Eligibility: Public and private nonprofit entities and Native American tribes and Urban Indian organizations that are mental health consumer-operated organizations for at least two years and are not operating under the umbrella of another organization.

Funding: $883,876; awards of up to $95,000.


Contact: Eileen Bermudez, Tel. (240) 276-1412, E-mail: foacmhs@samhsa.hhs.gov.