

Funding Opportunity Announcements 2.16.18

Humanities

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

POSTED: February 2, 2018

DEADLINE: April 11, 2018

Funding Instrument Type: Fellowship

Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. NEH has increased the Fellowships monthly stipend from \$4,200 to \$5,000. As a result, the minimum award is now \$30,000 (for six months of full-time work). The maximum award is now \$60,000 (for twelve months of full-time work).

[National Endowment for the Humanities \(NEH\): NEH-Mellon Fellowships for Digital Publication](#)

POSTED: February 2, 2018

DEADLINE: April 11, 2018

Funding Instrument Type: Fellowship

Through NEH-Mellon Fellowships for Digital Publication, the National Endowment for the Humanities and The Andrew W. Mellon Foundation jointly support individual scholars pursuing interpretive research projects that require digital expression and digital publication. To be eligible for this special opportunity, an applicant's plans for digital publication must be essential to the project's research goals. That is, the project must be conceived as digital because the nature of the research and the topics being addressed demand presentation beyond traditional print publication. Successful projects will likely incorporate visual, audio, and/or other multimedia materials or flexible reading pathways that could not be included in traditionally published books, as well as an active distribution plan.

[Chamber Music America Invites Applications for Classical Commissioning Program](#)

POSTED: February 3, 2018

DEADLINE: April 29, 2018

Funding Instrument Type: Grant

Chamber Music America's Classical Commissioning Program provides grants to United States-based presenters and professional contemporary classical and world music ensembles for the commissioning and performance of new works by American composers. The program supports works scored for two to ten musicians and composed in any of the musical styles associated with contemporary classical music. Grants include a composer's fee of up to \$20,000, a \$1,000 honorarium for each ensemble member (up to ten) for rehearsing the new piece, and copying costs of up to \$1,000.

Social Sciences

[Organization for Autism Research \(OAR\) Seeks Proposals for Research Grants](#)

POSTED: January 27, 2018

DEADLINE: Pre-proposals must be received no later than March 26, 2018. Upon review, selected applicants will be invited to submit a full proposal.

Funding Instrument Type: Grant

This annual program aims to promote innovative research that directly supports the autism community by expanding the body of knowledge related to autism intervention and treatment, producing practical and objective results, and providing outcomes that enhance the quality of life for persons with autism and their families. Preference will be given to the analysis, evaluation, or comparison of current models of assessment, intervention, or systems of service delivery, including policy analysis; applied aspects of educational, behavioral, or social/communicative intervention; effective intervention across the lifespan for individuals considered to be severely impacted by autism; adult issues such as continuing education, employment, residential supports, sexuality instruction, quality-of-life determinants, and "later intervention"; and issues related to family support, social and community integration, assessment and intervention with challenging behavior, and the use of technology in support of learners with autism.

[Corporation for National and Community Service: AmeriCorps State and National Grants - Targeted Priority](#)

POSTED: February 7, 2018

DEADLINE: Optional letters of intent are due April 2, 2018. Full applications are due May 2, 2018.

Funding Instrument Type: Grant

AmeriCorps awards grants to organizations to implement programs that utilize AmeriCorps members to engage in evidence-based or evidence-informed interventions to strengthen rural and urban communities. For this funding round, the Corporation for National and Community Service will prioritize projects with a focus on: 1) Healthy Futures: reducing and/or preventing prescription drug and opioid abuse; 2) Infrastructure: Working to improve or support improvement of one or more of the priority infrastructure categories; 3) Child welfare: a) Reducing and/or preventing child abuse; b) Improving outcomes for child victims of abuse; c) Improving outcomes for foster youth, including youth aging out of foster care.

[Department of State, Bureau of International Narcotics-Law \(INL\) Enforcement: Building Local Governments Capacity to Prevent and Provide Services to Gender Based Violence \(GBV\) Victims](#)

POSTED: February 2, 2018

DEADLINE: April 3, 2018

Funding Instrument Type: Grant

The U.S. government believes in encouraging the development and implementation of innovative programs to permit local governments in the prevention of Gender Based Violence and Domestic Violence the community. INL Costa Rica emboldens local governments and local law enforcement agencies in reorienting the emphasis of their activities from reacting to Gender Based Violence and Domestic Violence to preventing and providing quality services to victims. To support INL and U.S. Government gender initiatives in Costa Rica, INL has allocated up to \$250,000 USD for the a project to build

capacity of Local Governments to prevent and provide services to victims, which can be awarded for up to 24 months.

[Department of State, U.S. Mission to Pakistan: Cultural Affairs Annual Program Statement - Public Affairs Section, U.S. Embassy Islamabad](#)

POSTED: February 2, 2018

DEADLINE: April 5, 2018

Funding Instrument Type: Cooperative Agreement, Grant

Programming funded under this Funding Opportunity Announcement (FOA) will help to strengthen ties between the United States and Pakistan through programming that highlights shared values and promotes bilateral cooperation. To that end, all programs must include an American element or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives. Proposals must include a clear plan to measure and evaluate the impact of the program. Preference will be given to proposals that include target audiences outside the urban centers of Islamabad, Karachi, Lahore, and Peshawar. Projects that engage partners in India and/or Afghanistan are welcome. Note: While proposals may address multiple project objectives; they should focus activities primarily in one of the following four project areas: Education, Sustainable Economic Growth, Human Rights and Social Inclusion, and Strengthening Civil Society.

[National Multiple Sclerosis \(MS\) Society Accepting Applications for Pilot Programs](#)

POSTED: January 19, 2018

DEADLINE: Pre-applications must be received no later than April 9, 2018. Full applications are due by April 11, 2018.

Funding Instrument Type: Grant

The National Multiple Sclerosis (MS) Society mobilizes people and resources to drive research for a cure and address the challenges of everyone affected by MS. To that end, the society is accepting applications for its Pilot Grant Program, which funds high-risk pilots designed to quickly test novel ideas with the potential to advance efforts to stop MS progression, restore function, and improve quality of life for individuals with MS and their families. The program supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care, and rehabilitation. One-year grants of up to \$40,000 will be awarded to test innovative, cutting-edge ideas or untested methods, and/or to gather sufficient preliminary data to apply for longer-term funding.

[Administration for Community Living: The National Eldercare Locator](#)

POSTED: February 7, 2018

DEADLINE: April 9, 2018

Funding Instrument Type: Cooperative Agreement

The Administration on Aging will hold a competition for a new cooperative agreement to continue operation of the National Eldercare Locator. The Eldercare Locator will be available to people in 56 states and territories to provide information and referrals nationwide. The Locator is a call center with live information specialists helping older adults and their caregivers link to the aging network of trustworthy national, State, Tribal

and community-based organizations. This new program announcement seeks to advance the Locator to better serve current and future older adults and those who care for them.

[Administration for Community Living: Disability and Rehabilitation Research Projects \(DRRP\) Program: College and Career Success for Students with Serious Mental Illness or Traumatic Brain Injury](#)

POSTED: February 7, 2018

DEADLINE: April 9, 2018

Funding Instrument Type: Grant

The purpose of the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s Disability and Rehabilitation Research Projects (DRRP) is to plan and conduct research and dissemination and utilization activities 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, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). The purpose of this particular DRRP is to generate new knowledge about the effectiveness of interventions to improve college education and employment outcomes of people with serious mental illness or traumatic brain injury.

[Department of Commerce: FY 2018 Verification of the Origins of Rotation in Tornadoes Experiment in the Southeast U.S. \(VORTEX-SE\), and Infrasound Detection of Tornadoes](#)

POSTED: February 5, 2018

DEADLINE: April 12, 2018

Funding Instrument Type: Cooperative Agreement, Grant

This funding opportunity seeks to obtain new knowledge of the meteorological and infrasound aspects of tornadoes in the southeastern United States and the social and behavioral aspects of the public response to tornado forecasts and tornado events. This new knowledge will improve our ability to understand, forecast and warn the public of tornadoes and elicit appropriate responses to mitigate damage, injuries, and loss of life. For the first time in the life of the Program, VORTEX-SE places an emphasis on obtaining improved understanding of the processes at play that produce tornadoes in tropical cyclone outer rainbands, as well as during the tropical-extratropical transition over land. There will be three separate competitions with three funding pools from this announcement, two for VORTEX-SE addressing 1) The meteorological or social/behavioral priorities; and 2) Multi-discipline topics addressing both meteorology and social/behavioral priorities; and one for the infrasound category.

[Centers for Disease Control: National Partnerships to Promote Cancer Surveillance Standards and Support Data Quality and Operations of National Program of Cancer Registries](#)

POSTED: February 2, 2018

DEADLINE: April 20, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this funding opportunity is to build strong partnerships among national organizations involved directly in cancer surveillance in order to enhance the data quality and operational efficiency of CDC's National Program of Cancer Registries (NPCR). This program has three essential components: 1) Education, Translation and Quality Control of cancer surveillance standards and best practices; 2) Cancer Staging Collaboration and Support; and 3) Standardization and Support for Laboratory and Biomarker Electronic Reporting. The overarching goal of this project is to collaboratively define and promote uniform standards in cancer staging, collection and reporting. Funded entities will identify specific enhancement needs of cancer registries and support cancer surveillance professionals, including reporters, tumor registrars, and registries to submit high quality, standardized data via central cancer registries to NPCR. Relevant performance measures will be used to assess the recipients; activities that enhance the standards, quality, and operations of NPCR cancer surveillance system.

[Centers for Disease Control: Creating Safer States Through Building Capacity for Injury & Violence Prevention \(IVP\)](#)

POSTED: February 7, 2018

DEADLINE: May 18, 2018

Funding Instrument Type: Cooperative Agreement

To address IVP, CDC supports programmatic, policy, communication and evaluation activities to build capacity for injury and violence expertise at the state, local and community levels to prevent related morbidity and mortality. The purpose of this Funding Opportunity Announcement (FOA) is to contribute to the prevention of injuries and violence by strengthening IVP public health infrastructure and capacity in State Health Departments (SHD). Applicant activities are intended to demonstrate measurable progress towards the following outcomes in state and territorial health departments: 1) Increased capacity to prevent IVP in both CDC funded and non-funded states; 2) Strengthened partner networks supporting SHD that will advance the following: a) Increased development of IVP workforce competencies; b) Increased IVP surveillance; c) Increased capacity to select, implement, and evaluate the best available IVP evidence-based prevention strategies; 3) Improved IVP capacity and infrastructure in states that received STAT visits; 4) Implementation of TA plan follow-up activities and evaluation; 5) Increased development of the Striving to Reduce Youth Violence Everywhere Action Council and distribution and implementation of youth violence technical package; 6) Increased development and advancement of an IVP network and agenda that enhances broad base support for IVP capacity and infrastructure.

[NIH: Perception and Cognition Research to Inform Cancer Image Interpretation \(R21 Clinical Trial Optional\)](#)

POSTED: February 7, 2018

DEADLINE: Upcoming funding cycle deadlines are May 30, 2018; September 26, 2018; May 30, 2019; and September 26, 2019.

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to facilitate research on the perceptual and cognitive processes underlying the performance of cancer image

observers in radiology and pathology, in order to improve the accuracy of cancer detection and diagnosis.

[NIH: Innovative Approaches to Studying Cancer Communication in the New Media Environment \(R21 - Clinical Trial Optional\)](#)

POSTED: February 7, 2018

DEADLINE: Upcoming funding cycle deadlines are June 13, 2018; October 11, 2018; and June 13, 2019.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that seek to apply one or more innovative methodologies in communication research across the cancer control continuum, from prevention, early detection, diagnosis, treatment, and survivorship, to end of life. Applications to this FOA should utilize one or more of the following analytic approaches including but not limited to: social media data mining, Natural Language Processing techniques, online social network analysis, crowdsourcing research tools, online search data, Ecological Momentary Assessment, neuroscience and biobehavioral approaches to communication, and geographic information systems. Studies should assess outcomes related to cancer prevention and control.

[NIH: Understanding Processes of Recovery in the Treatment of Alcohol Use Disorder \(R21 - Clinical Trial Optional\)](#)

POSTED: February 2, 2018

DEADLINE: Upcoming funding cycle deadlines are June 16, 2018; October 16, 2018; and February 16, 2019.

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications that seek to examine processes of recovery and relapse in the treatment of Alcohol Use Disorders (AUD). Applications high in innovation and significance are highly encouraged that address the following potential topics: 1) Defining recovery; 2) Examining new and innovative methods to examine precipitants of relapse; 3) Understanding mechanisms of mutual help and recovery; 4) Evaluating recovery systems of care; and 5) Examining processes of extended treatment for AUD.

[Department of State, U.S. Mission to Hungary: U.S. Embassy Budapest Public Affairs Section - FY2018 Annual Program Statement](#)

POSTED: February 7, 2018

DEADLINE: June 30, 2018

Funding Instrument Type: Cooperative Agreement, Grant

The U.S. Embassy Budapest Public Affairs Section (PAS) of the Department of State announces an open competition for organizations and individuals to submit applications to carry out a program or project with funding through its Public Diplomacy Small Grants Program. This is an Annual Program Statement outlining our funding priorities, the strategic themes we focus on, and the procedures for submitting requests for funding. Purpose of Small Grants: PAS Budapest invites proposals for projects that strengthen cultural ties between the U.S. and Hungary through cultural programming that highlights

shared values and promotes bilateral cooperation. All programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives. This notice is subject to availability of funding.

[Centers for Disease Control and Prevention: Injury Control Research Centers](#)

POSTED: February 7, 2018

DEADLINE: August 6, 2018

Funding Instrument Type: Grant

The National Center for Injury Prevention and Control (NCIPC) is seeking applications from qualified organizations for Injury Control Research Center (ICRC) grants. These centers will conduct high quality research and help translate scientific discoveries into practice for the prevention and control of fatal and nonfatal injuries and violence that support NCIPC's priorities and mission. ICRCs are expected to blend Outreach, Training and Education, and Research activities into a program to reduce the number, risk, and public health impact of injury and violence in the U.S. The overarching goals for the NCIPC ICRC program are to: 1) Build the scientific base for the prevention and control of fatal and nonfatal injuries and violence; 2) Integrate, in the context of a national program, professionals from a wide spectrum of disciplines; 3) Encourage investigators to propose research that involves intervention development or translation of effective programs among individuals, organizations, or communities; 4) Provide technical assistance to injury and/or violence prevention and control programs in their geographic region; 5) Act as sources of injury and/or violence prevention and control information for their constituents and stakeholders at the local, state, tribal, national, and global levels.

Natural Sciences

[National Fish and Wildlife Foundation \(NFWF\) Accepting Proposals for Northern California Forests and Watersheds Restoration Projects](#)

POSTED: February 8, 2018

DEADLINE: March 22, 2018

Funding Instrument Type: Grant

Although the ecosystems of Northern California have evolved to be well adapted to fire, the stressors associated with recent increases in frequency and intensity of fires have resulted in long-term losses of habitat, ecosystem transitions, opportunities for invasive species to take hold and spread, and changes in hydrology and associated effects to sediment, nutrient fate, and transport. To address these problems, NFWF is accepting applications for projects that support the restoration of watersheds, landscapes, meadows, riparian, and other habitats; enhance aquatic organism and fish passage; restore native species and help control non-native species; help manage and reduce the fuels for wildfires; and/or improve the management of trails, roads, and campsites that may have a deleterious impact on natural resources.

[Corporation for National and Community Service: AmeriCorps State and National Grants - Targeted Priority](#)

POSTED: February 7, 2018

DEADLINE: Optional letters of intent are due April 2, 2018. Full applications are due May 2, 2018.

Funding Instrument Type: Grant

AmeriCorps awards grants to organizations to implement programs that utilize AmeriCorps members to engage in evidence-based or evidence-informed interventions to strengthen rural and urban communities. For this funding round, the Corporation for National and Community Service will prioritize projects with a focus on: 1) Healthy Futures: reducing and/or preventing prescription drug and opioid abuse; 2) Infrastructure: Working to improve or support improvement of one or more of the priority infrastructure categories; 3) Child welfare: a) Reducing and/or preventing child abuse; b) Improving outcomes for child victims of abuse; c) Improving outcomes for foster youth, including youth aging out of foster care.

[Department of Energy, National Energy Technology Laboratory: Innovative Technology Development to Enhance Fossil Power System Operability, Reliability, and Economic Performance](#)

POSTED: February 5, 2018

DEADLINE: April 5, 2018

Funding Instrument Type: Cooperative Agreement

The goal of this Funding Opportunity Announcement (FOA) is to seek innovative research and development projects to improve the performance and cost of fossil energy technologies. This FOA focuses on two areas of interest: 1) Sensors & Controls Technology Development for Cybersecure Fossil Power; and 2) Computational Tools to Support Advanced Manufacturing of Fossil Energy Technologies.

[National Multiple Sclerosis \(MS\) Society Accepting Applications for Pilot Programs](#)

POSTED: January 19, 2018

DEADLINE: Pre-applications must be received no later than April 9, 2018. Full applications are due by April 11, 2018.

Funding Instrument Type: Grant

The National Multiple Sclerosis (MS) Society mobilizes people and resources to drive research for a cure and address the challenges of everyone affected by MS. To that end, the society is accepting applications for its Pilot Grant Program, which funds high-risk pilots designed to quickly test novel ideas with the potential to advance efforts to stop MS progression, restore function, and improve quality of life for individuals with MS and their families. The program supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care, and rehabilitation. One-year grants of up to \$40,000 will be awarded to test innovative, cutting-edge ideas or untested methods, and/or to gather sufficient preliminary data to apply for longer-term funding.

[Department of Commerce: Building Capacity for Environmental Literacy](#)

POSTED: February 7, 2018

DEADLINE: April 9, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this Funding Opportunity Announcement (FOA) is to build capacity for environmental literacy in support of National Oceanic and Atmospheric Administration (NOAA) mission goals. In order to further the efforts of the external community that supports NOAA's environmental literacy-related priorities, NOAA is seeking a partnership with an organization with a mission of environmental education and/or conservation to work with NOAA to implement formal and informal education efforts, outreach, and professional development in support of environmental literacy. The successful applicant will be supported through a 5-year cooperative agreement with NOAA and should have significant experience supporting environmental literacy, as well as capacity to convene meetings and workshops, manage small-scale grants, and support program evaluation.

[Department of Commerce: FY 2018 Verification of the Origins of Rotation in Tornadoes Experiment in the Southeast U.S. \(VORTEX-SE\), and Infrasound Detection of Tornadoes](#)

POSTED: February 5, 2018

DEADLINE: April 12, 2018

Funding Instrument Type: Cooperative Agreement, Grant

This funding opportunity seeks to obtain new knowledge of the meteorological and infrasound aspects of tornadoes in the southeastern United States and the social and behavioral aspects of the public response to tornado forecasts and tornado events. This new knowledge will improve our ability to understand, forecast and warn the public of tornadoes and elicit appropriate responses to mitigate damage, injuries, and loss of life. For the first time in the life of the Program, VORTEX-SE places an emphasis on obtaining improved understanding of the processes at play that produce tornadoes in tropical cyclone outer rainbands, as well as during the tropical-extratropical transition over land. There will be three separate competitions with three funding pools from this announcement, two for VORTEX-SE addressing 1) The meteorological or social/behavioral priorities; and 2) Multi-discipline topics addressing both meteorology and social/behavioral priorities; and one for the infrasound category.

[Centers for Disease Control: National Partnerships to Promote Cancer Surveillance Standards and Support Data Quality and Operations of National Program of Cancer Registries](#)

POSTED: February 2, 2018

DEADLINE: April 20, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this funding opportunity is to build strong partnerships among national organizations involved directly in cancer surveillance in order to enhance the data quality and operational efficiency of CDC National Program of Cancer Registries (NPCR). This program has three essential components: 1) Education, Translation and Quality Control of cancer surveillance standards and best practices; 2) Cancer Staging Collaboration and Support; and 3) Standardization and Support for Laboratory and Biomarker Electronic Reporting. The overarching goal of this project is to collaboratively define and promote uniform standards in cancer staging, collection and reporting. Funded entities will identify specific enhancement needs of cancer registries and

support cancer surveillance professionals, including reporters, tumor registrars, and registries to submit high quality, standardized data via central cancer registries to NPCR. Relevant performance measures will be used to assess the recipients; activities that enhance the standards, quality, and operations of NPCR cancer surveillance system.

[Agency for International Development: Seed Systems Support Activity](#)

POSTED: February 7, 2018

DEADLINE: April 23, 2018

Funding Instrument Type: Cooperative Agreement

The U.S. Agency for International Development (USAID) intends to award one Cooperative Agreement in the form of a Leader with Associates mechanism pursuant to this FOA. This FOA seeks applications from organizations with demonstrated expertise in seed systems and proven management capabilities with the broad range of needed seed-related support services as well as innovative tools, approaches, information, and methods to develop and deploy those critical support services. The goal of Seed Systems Support Activity is to enhance farmers' access to a full range of seed choices and options to maximize their responsive decision making and planning for production. The Activity seeks to improve functioning of national seed sector in Feed the Future countries and in countries with resilience and emergency seed security programs.

[NIH: Structural Biology of Alzheimer's Disease Related Dementias \(ADRDs\) Proteinopathies \(U01 Clinical Trial Not Allowed\)](#)

POSTED: February 7, 2018

DEADLINE: April 30, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of the Funding Opportunity Announcement (FOA) is to support the structural characterization of protein species associated with ADRDs through the utilization of cryo-electron microscopy and cryo-electron tomography of proteins expressed in human tissue and cell sources. Studies in response to this FOA should also include the development of research tools and resources to further characterize/validate the protein species.

[Alternatives Research & Development Foundation \(ARDF\) Invites Applications for Research on Non-Animal Lab Testing](#)

POSTED: February 4, 2018

DEADLINE: May 1, 2018

Funding Instrument Type: Grant

The ARDF foundation is soliciting proposals for its Annual Open Grant Program, which supports research projects aimed at developing methods to replace or reduce the use of animals in science. Expert reviewers will evaluate proposals based on scientific merit and feasibility, as well as the potential to reduce or replace the use of animals in science in the near future. Proposals are considered in the areas of research, testing, and/or education. Grants of up to \$40,000 will be awarded for research related to alternatives to the use of laboratory animals in research, testing, and education. Priority will be given to projects that use pathway-based approaches as exemplified by the 2007

National Academy of Sciences report Toxicity Testing in the Twenty-First Century: A Vision and a Strategy.

[National Science Foundation \(NSF\): US-EU Internet Core & Edge Technologies](#)

POSTED: February 7, 2018

DEADLINE: May 7, 2018

Funding Instrument Type: Grant

The Networking Technology and Systems program supports transformative research on fundamental scientific and technological advances leading to the development of Next Generation Internet and Advanced Wireless Networking systems and technologies.

Topics of interest include, but are not limited to, software-defined infrastructures; network function virtualization; resource management in support of content delivery; open data architectures for shared, federated research infrastructures; advanced wireless technologies; and research software tools to support advanced wireless and smart city/community testbeds.

[National Science Foundation \(NSF\): Formal Methods in the Field \(FMitF\)](#)

POSTED: February 8, 2018

DEADLINE: May 8, 2018

Funding Instrument Type: Grant

The FMitF program aims to bring together researchers in formal methods with researchers in other areas of computer and information science and engineering to jointly develop rigorous and reproducible methodologies for designing and implementing correct-by-construction systems and applications with provable guarantees. Initially the program will limit the field to four areas that stand to directly benefit from a grounding in formal methods: computer networks, cyber-human systems, machine learning, and operating/distributed systems. However other field(s) may emerge as priority areas for the program in future years, subject to the availability of funds.

[NIH: Perception and Cognition Research to Inform Cancer Image Interpretation \(R21 Clinical Trial Optional\)](#)

POSTED: February 7, 2018

DEADLINE: Upcoming funding cycle deadlines are May 30, 2018; September 26, 2018; May 30, 2019; and September 26, 2019.

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to facilitate research on the perceptual and cognitive processes underlying the performance of cancer image observers in radiology and pathology, in order to improve the accuracy of cancer detection and diagnosis.

[NIH: Innovative Approaches to Studying Cancer Communication in the New Media Environment \(R21 - Clinical Trial Optional\)](#)

POSTED: February 7, 2018

DEADLINE: Upcoming funding cycle deadlines are June 13, 2018; October 11, 2018; and June 13, 2019.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that seek to apply one or more innovative methodologies in communication research across the cancer control continuum, from prevention, early detection, diagnosis, treatment, and survivorship, to end of life. Applications to this FOA should utilize one or more of the following analytic approaches including but not limited to: social media data mining, Natural Language Processing techniques, online social network analysis, crowdsourcing research tools, online search data, Ecological Momentary Assessment, neuroscience and biobehavioral approaches to communication, and geographic information systems. Studies should assess outcomes related to cancer prevention and control.