NIH Announces New Award Mechanism
http://directorsblog.nih.gov/2014/07/17/3260/
To meet the changing needs of the biomedical workforce, NIH is piloting the concept of awarding longer grants that provide more stable support for investigators at all career stages. It is hoped that with more sustained support, investigators will have more freedom to innovate and explore new lines of inquiry. These awards will support talented people from a range of career stages, backgrounds, and disciplines. Furthermore, these new awards will complement other NIH funding opportunities that give applicants more flexibility with their research approaches.

These longer term awards will not follow a one-size-fits-all approach; leaders of each NIH IC will decide if they wish to embark on these awards based on the balance of their portfolios and their strategic planning needs. In addition, each IC will decide the appropriate size and duration of their awards. While applications for these awards will not require specific aims in the traditional R01 format, investigators will describe their research plans and will demonstrate how they will leverage and translate their prior accomplishments into approaches that will shape their future research.

Institute for Advanced Study - School of Social Science -- Visiting Member Fellowships
http://www.sss.ias.edu/
Founded in 1973, the School of Social Science takes as its mission the analysis of societies and social change, and is devoted to a multi-disciplinary, comparative and international approach to social research. Each year, the School of Social Science invites about 20 visiting scholars with various perspectives to examine historical and contemporary problems, providing a space for intellectual debate and cross-fertilization to flourish. Scholars are drawn from a wide range of fields including political science, economics, law, psychology, anthropology, history, philosophy, and literary criticism. Members pursue their own research, and participate in a weekly seminar at which each has an opportunity to present on-going work.

In an attempt to create a sense of community, the School designates a theme for each year. The theme for 2014-2015 is "Egalitarianisms." For 2015-2016, the theme will be "Borders and Barriers."
Deadline: Nov. 1, 2014

German Historical Institute - Doctoral and Postdoctoral Fellowships
The GHI awards short-term fellowships to German and American doctoral students as well as postdoctoral scholars in the fields of German history, the history of German-American relations, and the history of the role of Germany
and the USA in international relations. These fellowships are also available to German doctoral students and postdoctoral scholars in the field of American history. We especially invite applications from doctoral students and postdoctoral scholars who currently do not receive funding from their home institutions. The fellowships are usually granted for periods of one to six months but, in exceptional cases and depending on the availability of funds, they can be extended by one month. The research projects must draw upon primary sources located in the United States.

The GHI will not provide funding for preliminary research, manuscript composition or the revision of manuscripts. It will give clear priority to those postdoc projects that are designed for the "second book". The monthly stipend is € 1,700 for doctoral students and € 3,000 for postdoctoral scholars from European institutions; students and scholars based at North American institutions will receive a stipend of $1,900 or $3,200 respectively. In addition, fellowship recipients based in Germany will receive reimbursement for their round-trip airfare to the U.S.

**Deadline:**  Oct. 1, 2014

**UC Davis Center for Poverty Research Small Grants Competition**

[http://poverty.ucdavis.edu/smallgrants14](http://poverty.ucdavis.edu/smallgrants14)

The Center for Poverty Research (CPR), located at the University of California, Davis invites proposals for its 2014-15 Small Grants Competition. CPR seeks to fund research that will expand our understanding of the causes and consequences of poverty. The goal of this program is to fund proposals focused on our core research areas that display sound research design and high potential impact.

**Deadline:**  September 15, 2014

**Social Sciences and Humanities Research Council of Canada (SSHRC) – Insight Development Grants**


The objectives of the Insight program are to:

- build knowledge and understanding from disciplinary, interdisciplinary and/or cross-sector perspectives through support for the best researchers;
- support new approaches to research on complex and important topics, including those that transcend the capacity of any one scholar, institution or discipline;
- provide a high-quality research training experience for students;
- fund research expertise that relates to societal challenges and opportunities; and
- mobilize research knowledge, to and from academic and non-academic audiences, with the potential to lead to intellectual, cultural, social and economic influence, benefit and impact.

Insight Development Grants support research in its initial stages. The grants enable the development of new research questions, as well as experimentation with new methods, theoretical approaches and/or ideas. Funding is provided for short-term research development projects, of up to two years, proposed by individuals or teams. Insight Development Grants foster research in its early stages, but are not intended to support large-scale initiatives. Long-term support for research is offered through SSHRC’s Insight Grants. Proposed projects may involve, but are not limited to, the following types of research activities:

- case studies;
- pilot initiatives; and
- critical analyses of existing research.

Projects may also involve national and international research collaboration, and the exploration of new ways of producing, structuring and mobilizing knowledge within and across disciplines and sectors. Within the Insight Development Grants funding opportunity, funding is available for two distinct categories of scholars: emerging scholars and established scholars.
Applicants (except postdoctoral fellows/researchers and PhD students) must normally be affiliated with an eligible Canadian postsecondary institution at the time of application.

**Deadline:** February 1, 2015

### National Endowment for the Humanities - Enduring Questions

http://www.neh.gov/grants/education/enduring-questions

The National Endowment for the Humanities (NEH) accepts applications for the *Enduring Questions Grants*. The NEH Enduring Questions grant program supports the development of a new course that will foster intellectual community through the study of an enduring question. This course will encourage undergraduates and teachers to grapple with a fundamental question addressed by the humanities, and to join together in a deep and sustained program of reading in order to encounter influential thinkers over the centuries and into the present day.

What is an enduring question? The following list is neither prescriptive nor exhaustive but serves to illustrate.

- What is good government?
- What is the value of work?
- What is friendship?
- What is evil?
- Are there universals in human nature?
- What are the origins of the universe?

The course is to be developed by one or more (up to four) faculty members, but not team taught. Enduring Questions courses must be taught from a common syllabus and must be offered during the grant period at least twice by each faculty member involved in developing the course. The grant supports the work of a faculty member in designing, preparing, and assessing the course. It may also be used for ancillary activities that enhance faculty-student intellectual community, such as visits to museums and art or cultural events. An Enduring Questions course may be taught by faculty member(s) from any department or discipline in the humanities or by faculty member(s) outside the humanities (e.g., astronomy, biology, economics, law, mathematics, medicine, psychology), so long as humanities sources are central to the course.

**Deadline:** Sep. 11, 2014

### National Endowment for the Humanities - National Digital Newspaper Program (NDNP)


NEH is soliciting proposals from institutions to participate in the National Digital Newspaper Program (NDNP). NDNP is creating a national digital resource of historically significant newspapers published between 1836 and 1922, from all the states and U.S. territories. This searchable database will be permanently maintained at the Library of Congress (LC) and be freely accessible via the Internet. An accompanying national newspaper directory of bibliographic and holdings information on the website directs users to newspaper titles available in all types of formats. During the course of its partnership with NEH, LC will also digitize and contribute to the NDNP database a significant number of newspaper pages drawn from its own collections.

NEH intends to support projects in all states and U.S. territories, provided that sufficient funds allocated for this purpose are available. **One organization within each U.S. state or territory will receive an award to collaborate with relevant state partners in this effort.** Previously funded projects will be eligible to receive supplements for continued work, but the program will give priority to new projects. In particular, the program will give priority to projects from states and territories that have not received NDNP funding.

Applications that involve collaboration between previously funded and new projects are welcome. Such collaborations might involve, for example, arranging with current awardees to manage the creation and delivery of digital files; offering regular and ongoing consultation on managing aspects of the project; or providing formal
training for project staff at an onsite institute or workshop.

Over a period of two years, successful applicants will select newspapers—published in their state or territory between 1836 and 1922—and convert approximately 100,000 pages into digital files (primarily from microfilm), according to the technical guidelines (PDF) outlined by the Library of Congress. Applicants may select titles published in English, French, German, Italian, or Spanish. (More languages will be added in future years.)

**Deadline:**  Jan. 15, 2015

**American Chemical Society - Doctoral New Investigator (DNI) Grants**


Doctoral New Investigator (DNI) grants provide start-up funding for scientists and engineers in the United States who are within the first three years of their first academic appointment at the level of Assistant Professor or the equivalent. Applicants may have limited or no preliminary results for a research project they wish to pursue, with the intention of using the preliminary results obtained to seek continuation funding from other agencies. The DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach.

Excluded from consideration are proposals in which the ideas being presented are a mere extension of research from the PI’s graduate or postdoctoral experience. Research projects must be unique. Although a PI may send the same proposal to more than one agency, PRF will not support a project having overlap, or partial overlap, with research funded by another agency.

**Deadline:**  Oct. 17, 2014

**American Chemical Society - New Directions (ND) Grants**


The goals of the American Chemical Society Petroleum Research Fund are:

1. To support fundamental research in the petroleum field
2. To develop the next generation of engineers and scientists through support of advanced scientific education

The New Directions Grants Program aims to stimulate a new direction of research for established faculty, and to support the careers of their student scientists and engineers. It provides funds to scientists and engineers with limited—or even no—preliminary results for a research project they wish to pursue, who intend to use the PRF-driven preliminary results to seek continuation funding from other agencies. ND grants are to be used to illustrate proof of concept/feasibility. Accordingly, they are to be viewed as seed money for new research ventures.

A "new research direction" is something different from previous research performed by the lead principal investigator (lead PI). But, it may involve a field of science or engineering in which others are already working. Therefore, the proposed research should not be in the same direction as—or overlap with—current projects in the lead PI’s research group. Excluded from consideration will be:

- Lead PIs who have had previous support or current funding for the project.
- Proposals presenting ideas that are a logical extension of ongoing research from the lead PI’s laboratory.

Preliminary results and/or communications are not required.

**Deadline:**  Oct. 17, 2014

**Environmental Protection Agency - Training and Technical Assistance to Improve Water Quality and Enable Small Public Water Systems to Provide Safe Drinking Water**
http://water.epa.gov/grants_funding/sdwa/smallsystemsrfacfm
The U.S. Environmental Protection Agency (EPA) is soliciting applications to provide training and technical assistance for small public water systems to help such systems achieve and maintain compliance with the Safe Drinking Water Act (SDWA), and to provide training and technical assistance for small publicly-owned wastewater systems, communities served by onsite/decentralized wastewater systems, and private well owners to improve water quality under the Clean Water Act (CWA). Training and technical assistance activities provided to these systems, communities and private well owners should be made available nationally in rural and urban communities and to personnel of tribally-owned and operated systems.
Deadline: Sep. 2, 2014

Department of Commerce - Climate Program Office 2015
http://www.grants.gov/view-opportunity.html?oppId=239854
Climate variability and change present society with significant economic, health, safety, and national security challenges. NOAA advances scientific and technical programs to help society cope with, and adapt to, today’s variations in climate and to prepare for tomorrow’s. Toward this end, the agency conducts and supports climate research, essential oceanic and atmospheric observations, modeling, information management, assessments, interdisciplinary decision support research, outreach, education, and stakeholder partnership development. These investments are key to NOAA’s mission of “Science, Service, and Stewardship” and are guided by the agency’s vision to create and sustain enhanced resilience in ecosystems, communities, and economies, as described in NOAA’s Next Generation Strategic Plan (NGSP). Fostering climate adaptation and mitigation, and, specifically, the development of an informed society anticipating and responding to climate and its impacts – is one of the primary pathways through which NOAA plans to advance its mission. The NGSP outlines NOAA’s long-term climate goal, with the following objectives: 1) Improved scientific understanding of the changing climate system and its impacts; 2) Assessments of current and future states of the climate system that identify potential impacts and inform science, service, and stewardship decisions; 3) Mitigation and adaptation choices supported by sustained, reliable, and timely climate services; and 4) A climate-literate public that understands its vulnerabilities to a changing climate and makes informed decisions.

The 10 competitions covered by this Announcement are as follows:
- Arctic Research Program for 2015-2020
- Nitrogen cycle improvements in the GFDL Earth System Models
- Climate Process Team: Understanding Processes Affecting Madden-Julian Oscillation Initiation and Propagation
- Understanding Arctic Sea Ice Mechanisms and Predictability
- Process-oriented evaluation of climate and Earth system models and derived projections
- North American Multi-Model Ensemble system evaluation and application
- Advancing a common software modeling and data infrastructure for NOAA’s global models
- Supporting Resilient Coastal Communities and Ecosystems in a Changing Climate: Understanding climate-related human health risks within the coastal environment.
- The Regional Integrated Sciences and Assessments (RISA) Program is soliciting proposals to fund one RISA team in up to 6 regions of the US.
- A National Drought Monitoring and Risk Management Center

Deadlines:
Letters of Intent: Aug. 10, 2014
Applications: Oct. 20, 2014 except for the Arctic Research Program and Understanding Arctic Sea Ice competitions which are due November 14, 2014

National Institutes of Health - Hazmat Training at DOE Nuclear Weapons Complex (UH4)
The National Institute of Environmental Health Sciences (NIEHS) invites applications for cooperative agreements to support the development of model programs for the training and education of workers engaged in activities related to hazardous materials and waste generation, removal, containment, transportation and emergency response within the Department of Energy (DOE) Nuclear Weapons Complex.

The major objective of this funding opportunity announcement is to prevent work-related harm by assisting in the training and education of workers in the DOE nuclear weapons complex. Safety and health training will transmit skills and knowledge to workers in how best to protect themselves and their communities from exposure to hazardous materials encountered during hazardous waste operations, facility decommissioning and decontamination, hazardous materials transportation, environmental restoration of contaminated facilities or chemical emergency response. Currently, tens of thousands of DOE employees require safety and health training to help reduce the risk of their being exposed in the course of their work to hazardous materials and hazardous waste products. One effort to enhance training capabilities at these sites has been through the National Institute of Environmental Health Sciences (NIEHS) Worker Training Program (WTP).

Only one application per institution is allowed. Please refer to the UNLV Limited Submission Policy, at http://www.unlv.edu/assets/research/policies/Research-LimitedSubmissionsProposalsPolicy.pdf

Deadlines:
Letter of Intent: October 6, 2014
Application: November 6, 2014

Department of Defense - Air Force Fiscal Year 2015 Young Investigator Research Program
AFOSR’s Young Investigator Research Program (YIP) supports scientists and engineers who have received Ph.D. or equivalent degrees in the last five years (on or after 1 May 2009) and who show exceptional ability and promise for conducting basic research. The objective of this program is to foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities for the young investigators to recognize the Air Force mission and the related challenges in science and engineering.

The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in five scientific Departments: Dynamical Systems and Control (RTA), Quantum and Non-Equilibrium Processes (RTB), Information, Decision and Complex Networks (RTC), Complex Materials and Devices (RTD), and Energy, Power and Propulsion (RTE).

Deadline: Sep. 15, 2014

http://www07.grants.gov/search/search.do?mode=VIEW&oppId=236763
The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals of interest to the Information Innovation Office (I2O). I2O explores game-changing technologies in the fields of information science and technology to anticipate and create rapid shifts in the complex national security landscape. Conflict can occur in traditional domains such as land, sea, air, and space, and in emerging domains such as cyber and other types of irregular warfare. I2O’s research portfolio is focused on anticipating new modes of warfare in these emerging areas and developing the concepts and tools necessary to provide a decisive information advantage for the U.S. and its allies.

Deadlines:
- Abstract: June 2, 2015, 12:00 noon (ET)
- Proposal: July 15, 2015, 12:00 noon (ET)

Areas of Interest:
• secure cloud computing systems
• software code with mathematically provable security properties
• automated cyber security systems
• preserving security on untrustworthy computational infrastructure
• insider threat detection and response
• maintaining security and mission effectiveness of systems after attack, including detection, cleanup, and reconstitution
• computational tools and scalable algorithms
• advanced user interfaces
• pre-processing technology for data sets, including those that are corrupted, incomplete, or disaggregated
• processing and computational approaches (including, but not limited to, novel algorithm design, natural language processing, and architecture systems) for data sets that may be multimodal, realtime-streamed, or on a scale for which storage is infeasible
• algorithm development for analysis of dynamic, unlinked and scripted content
• tools to draw inferences, deduce relationships, make correlations or detect anomalies working solely from data sets that are weak proxies for the underlying quantities of interest
• fusion of data from varied modalities ranging from traditional overhead sensing to open source data
• automated language translation and understanding
• fundamental science and mathematics supporting data analytics including:
  o mathematical properties of graphs
  o online correlation for societal unrest
  o virtual and blended worlds
  o machine-to-machine internet-of-things
  • tools to assist emerging technologies in:
    o virtuality and immersivity
    o ubiquitous sensing
    o persuasion and cognitive hacking
    o social multimedia
    o hypercomputing
• environment modeling and reconstruction
• crowd-sourced approaches to data processing
• modeling of human activity and proclivities
• analytics of economic systems
• technologies for scalable education and training
• electronic warfare and cyber systems
• biometrics and provenance
• online information validation and evidence collection
• resilient command and control systems, including secure information exchange
• assured information access
• privacy science and systems
• semantic analysis
• programming languages

National Science Foundation - CyberCorps(R): Scholarship for Service (SFS) -- Defending America’s Cyberspace
www.nsf.gov/funding/pgm_summ.jsp?pims_id=504991
The CyberCorps(R): Scholarship for Service (SFS) program seeks proposals that address cybersecurity education and workforce development. The Scholarship Track provides funding to award scholarships to students in cybersecurity. In return for their scholarships, recipients will work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. The Capacity Track seeks innovative proposals leading to an increase in the ability of the United States
higher education enterprise to produce cybersecurity professionals. They contribute to the expansion of existing educational opportunities and resources in cybersecurity and focus on such efforts as research on the teaching and learning of cybersecurity, including research on materials, methods and small-scale 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, information technology, engineering and other existing degree programs with plans for pervasive adoption; 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.

**Deadlines:**
- **October 21, 2014:** Scholarship Track
- **November 14, 2014:** Capacity Track

**Department of State - U.S. Russia University Partnership Program**

The Public Affairs Section of the U.S. Embassy in Moscow announces an open competition for the FY 2014 US-Russia University Partnership Program. Public and private non-profit organizations and institutions of higher education meeting the provisions described in Internal Revenue Code section 26 USC 501(c)(3) may submit proposals to develop a university partnership program that matches Russian institutions of higher learning with U.S. counterparts. The program will facilitate the universities to work together on joint projects with the goal of forming long-lasting and sustainable relationships beyond the grant period.

The US-Russia University Partnership Program provides institutions of higher learning in Russia with the opportunity to be matched with universities in the United States with the goal of forming long-term collaborative linkages. The program will focus on establishing new connections between universities in Russia and the United States and providing initial funding for limited joint work that is necessary to launch the partnerships. This program is not intended to support proposals for joint activities between U.S. and Russian institutions that already benefit from an established partnership, nor is it intended to fund broad programming (such as student exchanges) between institutions that are matched through this program.

**Deadline:** Aug. 29, 2014

**National Science Foundation - Partnerships for International Research and Education (PIRE)**

Partnerships for International Research and Education (PIRE) is an NSF-wide program that supports international activities across all NSF supported disciplines. The primary goal of PIRE is to support high quality projects in which advances in research and education could not occur without international collaboration. PIRE seeks to catalyze a higher level of international engagement in the U.S. science and engineering community.

International partnerships are essential to addressing critical science and engineering problems. In the global context, U.S. researchers and educators must be able to operate effectively in teams with partners from different national environments and cultural backgrounds. PIRE promotes excellence in science and engineering through international collaboration and facilitates development of a diverse, globally-engaged, U.S. science and engineering workforce.

Proposals will be considered from all areas of science and engineering research which are supported by the NSF. Depending on research topic and partner location, additional funding for U.S. PIs or foreign collaborators may be available from the following agencies:
- China-Ministry of Science and Technology of the People’s Republic of China (MOST);
- Finland-Academy of Finland;
- Finland-Tekes-The Finnish Funding Agency for Innovation;
- France-Agence Nationale de la Recherche (ANR);
- France-Centre National de la Recherche Scientifique (CNRS);
- Germany-Deutsche Forschungsgemeinschaft (DFG);
A single organization may submit one preliminary proposal as the lead institution. Please refer to the UNLV Limited Submission Policy, found at http://www.unlv.edu/assets/research/policies/Research-LimitedSubmissionsProposalsPolicy.pdf. Full proposals will be accepted by invitation only. There is no limit on the number of proposals in which an institution can participate as a partner.

**Deadlines:**
- Preliminary Proposal Deadline Date (required): **October 21, 2014**
- Full Proposal Deadline Date: **May 15, 2015**

**National Aeronautics and Space Administration - Dawn at Ceres Guest Investigator Program (ROSES 2014)**

Dawn is the ninth mission in the Discovery Program. Its overall science objective is to explore two large asteroids, 4 Vesta and 1 Ceres, in order to better understand the early Solar System. Dawn has already spent almost fourteen months in orbit around 4 Vesta and is now cruising under ion drive to 1 Ceres. Arrival at 1 Ceres is expected in April 2015. The instruments on Dawn include:

1. Framing cameras (FC1 and FC2);
2. Visual and Infrared mapping spectrometer (VIR); and

The goals of the program are to: a) enhance the scientific return from the Dawn mission by broadening participation in the mission and b) augment the existing Dawn science team to include new members conducting investigations that broaden and/or complement the funded Principal Investigator (PI) and Co-Investigator (Co-I)-led investigations, thus maximizing the contribution of Dawn to the future exploration and scientific understanding of the Solar System.

**Deadlines:**
- Step-2 Proposals: **Oct. 9, 2014**

The official announcement and description of this opportunity may be found on the funding agency's website:

**Department of Energy - FY 2015 Research Opportunities in High Energy Physics**

http://science.energy.gov/hep/funding-opportunities/

The Office of High Energy Physics at the U.S. Department of Energy, Office of Science hereby invites new grant applications for support of research programs in High Energy Physics. The mission of the High Energy Physics (HEP) program is to understand how the universe works at its most fundamental level, which is done by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time.

**Deadlines:**
- Letter of Intent: **Aug. 12, 2014**
- Application: **September 23, 2014**

Funding Number: DE-FOA-0000966

https://eere-exchange.energy.gov/#FoaIdc05657c5-e9f2-4a69-a276-ae51e65e63be

The U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) is an organization focused on achieving aggressive and well-defined mid-to-long term clean energy goals for the United States of America. In that context, EERE has established multi-year plans and roadmaps. EERE focuses the majority of its resources on a limited number of "highest probability of success" pathways/approaches to ensure that the program initiatives are supported at a critical mass (both in terms of dollars and time) for maximum impact. This roadmap-based approach is one of EERE's greatest strengths, which can create challenges in recognizing and exploring unanticipated, game-changing pathways/approaches which may ultimately be superior to the pathways/approaches on our existing roadmaps.

To enhance the responsiveness of the roadmap approach, EERE is issuing "Incubator" Funding Opportunity Announcements (FOAs) within its existing Offices and programs to support innovative technologies and solutions that could help meet existing goals but are not represented in a significant way in the Offices' existing Multi-Year Program Plans (MYPPs) or current portfolios. The Incubator programs will allow EERE to assess new technologies for their potential to be "on ramped" to future MYPPs. Successful incubator projects will reduce the risk associated with potentially breakthrough approaches and technologies so that they could be viable candidates for inclusion in future program roadmaps.

Deadline: September 3, 2014

Department of Energy - Graduate Student Research (SCGSR) Program

http://science.energy.gov/wdts/scgsr/

The goal of the Office of Science Graduate Student Research (SCGSR) program is to prepare graduate students for science, technology, engineering, or mathematics (STEM) careers critically important to the DOE Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories. The SCGSR program provides supplemental awards to outstanding U.S. graduate students to pursue part of their graduate thesis research at a DOE laboratory in areas that address scientific challenges central to the Office of Science mission. The research opportunity is expected to advance the graduate students' overall doctoral thesis while providing access to the expertise, resources, and capabilities available at the DOE laboratories.

The SCGSR program provides supplemental funds for graduate awardees to conduct part of their thesis research at a host DOE laboratory in collaboration with a DOE laboratory scientist within a defined award period. The award period for the proposed research project at DOE laboratories may range from 3 months to 1 year.

Deadline: Sep. 24, 2014

National Science Foundation – Dear Colleague Letter – Stimulating Innovation in STEM Education


To challenge NSF researchers to think beyond their research results and toward broader adoption of STEM education and learning innovations, NSF’s Innovation Corps Teams Program (I-Corps Teams - a description of which can be found in the I-Corps Teams solicitation) will encourage proposals that take discoveries and promising practices from education research and development and promote opportunities for widespread adoption, adaptation, and utilization. I-Corps for Learning (I-Corps L) Teams will receive support - in the form of mentoring and funding - to accelerate innovation in learning that can be successfully scaled, in a sustainable manner.
To be eligible to pursue funding, applicants must have received a prior award from NSF (in a STEM education field relevant to the proposed innovation) that is currently active or that has been active within five years from the date of the proposal submission.

The outcomes of the pilot projects are expected to be threefold:

- A clear go/no go decision concerning the viability and effectiveness of the learning-oriented resources/products, practices and services,
- An implementation "product" and process for potential partners/adopters, and
- A transition plan to move the effort forward and bring the innovation to scale.

Deadline: September 30 (to be considered for participation in the January 2015 cohort)

**National Science Foundation - Research Training Groups in the Mathematical Sciences (RTG)**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5732

The long-range goal of the Division of Mathematical Sciences (DMS) Workforce program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences and in other NSF-supported disciplines. The Research Training Groups in the Mathematical Sciences (RTG) activity is a part of the Workforce program. RTG supports education through research involvement in groups centered on a common research interest that span the entire spectrum of educational levels from undergraduates through postdoctoral associates.

**Deadlines:** October 14, 2014; June 02, 2015; First Tuesday in June, Annually Thereafter

**National Science Foundation - Science, Technology & Society Program - Frequently Asked Questions**

(Reminder – proposals deadlines are August 1 and February 1)

**National Science Foundation - Industry/University Cooperative Research Centers Program (I/UCRC)**

Also see Dear Colleague Letter:

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center. Each center is established to conduct research that is of interest to both the industry members and the center faculty. An I/UCRC contributes to the nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context.

**Deadlines:**
Letter of Intent Deadline Date: **January 5, 2015**
  First Monday in January, Annually Thereafter
Planning Grant and Full Center Proposal: **March 3, 2015**
  First Tuesday in March, Annually Thereafter
Department of the Interior, Bureau of Land Management – Fire Science Pre-Funding Opportunity Notice
The interagency Joint Fire Science Program (JFSP) intends to request proposals through one or more formal Funding Opportunity Notice (FON) announcements beginning approximately September 29, 2014 and remaining open through November 21, 2014. The intent of this notice is to provide an early alert to investigators interested in the topics listed below so that investigators can begin considering responsive ideas with potential partners and collaborators.

- Restore and maintain resilient landscapes
- Create fire-adapted communities.
- Safe and effective wildfire response

Children’s Tumor Foundation - Schwannomatosis Awards
http://www.ctf.org/For-Scientists/schwannomatosis-awards.html
The Children’s Tumor Foundation (CTF) is focused on ending neurofibromatosis (NF) through research. To date CTF has committed over $35M to NF research, ranging from preclinical drug testing to clinical research and a national NF Clinic Network.

Schwannomatosis is the rarest form of NF, affecting 1:40,000 persons and causing peripheral nerve tumors and unmanageable pain. In 2007 a candidate Schwannomatosis gene, INI-1/Smarc-B1/Snf-5 was identified. Harnessing this discovery, over the past several years CTF has i) convened a series of Schwannomatosis Workshops to identify priorities for advancing Schwannomatosis research; and ii) funded Schwannomatosis research totaling over $1.3 million since 2007. The priorities are:

- Schwannomatosis mouse models, utilizing these for preclinical drug trials
- Advancing Schwannomatosis genetics
- Establishing an international Schwannomatosis Database.

CTF is offering 2014 Schwannomatosis Awards of up to $75,000 each.
Deadline: Sep. 1, 2014

Patient-Centered Outcomes Research Institute – Upcoming Opportunities
http://www.pcori.org/funding-opportunities/funding-announcements/upcoming-opportunities/
PCORI’s application system will open on August 6, 2014 for the opportunities listed below.

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<td>Large Pragmatic Studies to Evaluate Patient-Centered Outcomes</td>
<td>Letter of Intent: 10/01/2014 Application: 02/03/2015</td>
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NIH Division of Office of Research Infrastructure Programs - Request for Information: Shared Instrumentation Grant Program (S10)


The Office of Research Infrastructure Programs (ORIP) is soliciting comments from the community on the Shared Instrumentation Grant (SIG) Program (S10), to better achieve its goals, and in particular:

- To widen the Program’s outreach to address the needs of various groups of NIH-supported investigators for access to advanced instruments across a broad spectrum of technologies and diverse areas of science;
- To ensure optimal instrument operation for the benefit of the NIH-supported investigators;
- To enhance program cost-effectiveness in awarding and maintaining shared instruments.

National Institutes of Health - NLM Express Research Grants in Biomedical Informatics (R01)


The National Library of Medicine (NLM) offers support for innovative research in biomedical informatics. The scope of NLM’s interest in the research domain of informatics is interdisciplinary, encompassing informatics problem areas in the application domains of health care, public health, basic biomedical research, bioinformatics, biological modeling, translational research and health information management in disasters. NLM defines biomedical informatics as the science of optimal organization, management, presentation and utilization of information relevant to human health and biology. Informatics research produces concepts, tools and approaches that advance what is known in the field and have the capacity to improve human health.

**Deadlines:**


AIDS Deadlines: May 7, Sep. 7, Jan. 7.

National Institutes of Health - Midcareer Investigator Award in Patient-Oriented Research (Parent K24)


The purpose of the NIH Midcareer Investigator Award in Patient-Oriented Research (K24) is to provide support to mid-career health-professional doctorates or equivalent who are typically at the Associate Professor level or the equivalent (see Section III. Eligible Individuals) for protected time to devote to patient-oriented research (POR) and to act as research mentors primarily for clinical residents, clinical fellows and/or junior clinical faculty. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information.

**Deadlines:**


AIDS Deadlines: Jan. 7, May 7, Sep. 7.
National Institutes of Health - Mentored Patient-Oriented Research Career Development Award (Parent K23)
The purpose of the NIH Mentored Patient-Oriented Research Career Development Award (K23) is to support the career development of individuals with a clinical doctoral degree who have made a commitment to focus their research endeavors on patient-oriented research. Individuals with a clinical degree who are interested in further career development in biomedical research other than patient-oriented research should refer to the Mentored Clinical Scientist Career Development (Parent K08) Award. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information.
**Deadlines:**
AIDS Deadlines: Jan. 7, May 7, Sep. 7.

National Institutes of Health - NCI Exploratory/Developmental Research Grant Program (NCI Omnibus R21)
The National Cancer Institute Exploratory/Developmental Grant (R21) funding opportunity supports the development of new research activities in all areas of cancer research. The R21 mechanism is intended to encourage exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of cancer research (biomedical, behavioral, or clinical).
**Deadlines:**
June 28, 2013; October 28, 2014; February 27, 2015; June 29, 2015
AIDS Due Date(s): September 5, 2014; January 5, 2015; May 5, 2015; September 4, 2015

National Institutes of Health - Mentored Quantitative Research Development Award (Parent K25)
The purpose of the Mentored Quantitative Research Career Development Award (K25) is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and “protected time” for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information.
**Deadlines:**
AIDS Deadlines: Jan. 7, May 7, Sep. 7.

National Institutes of Health - Mentored Research Scientist Development Award (Parent K01)
The purpose of the NIH Mentored Research Scientist Development Award (K01) is to provide support and “protected time” (three, four, or five years) for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence. Although all of the participating NIH Institutes and Centers (ICs) use this support mechanism to support career development experiences that lead to research independence, some ICs use the K01 award for individuals who propose to train in a new field or for
individuals who have had a hiatus in their research career because of illness or pressing family circumstances. Other ICs utilize the K01 award to increase research workforce diversity by providing enhanced research career development opportunities. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information.

**Deadlines:**
AIDS Deadlines: Jan. 7, May 7, Sep. 7.

**National Institutes of Health - Pilot Centers for Precision Disease Modeling (US4)**

This Funding Opportunity Announcement (FOA) invites US4 cooperative agreement applications for Pilot Centers for Precision Disease Modeling. The goal of the Centers is to support collaborative research projects that link current personalized medicine efforts in human subjects with advances in animal genomics and technologies for genetic manipulation and creation of interspecies somatic hybrids. Functionally linking these areas of research will produce programs to enhance the predictive value of pre-clinical studies based on the use of precision animal models. Centers will establish demonstration pipelines for pre-clinical scientific discovery, disease modeling, and development of interventions based on innovative animal models. These preclinical pipelines eventually will be an integral part of diagnostics, care and therapeutic treatment of patients. Each Center should have a set of required components: a Coordination Section to assure effective multidisciplinary leadership; a Pre-clinical/Co-clinical Section to collect and distribute patient information; a Bioinformatics Section to provide diverse computational abilities; and, as a major emphasis, a Disease Modeling Unit for the creation and testing of at least three precision animal projects. Even though the centers will work on a limited number of focused projects, it is expected that the program will maintain multifaceted research activities to build core model systems that can be adjusted as required to accommodate a broad spectrum of diseases.

**Deadline:** October 1, 2014

**National Institutes of Health - Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R21)**

This funding opportunity announcement (FOA) is intended to support environmental health research in which an unpredictable opportunity has arisen to collect human biosample or exposure data (e.g., following natural or made-made disasters, health care policy changes, etc.). The three distinguishing features of an eligible study are: 1) the unforeseeable nature of the opportunity; 2) the clear scientific value and feasibility of the study; and 3) the need for rapid review and funding (substantially shorter than the typical NIH grant review/award cycle) in order for the scientific question to be approached and for the research design to be implemented.

The shortened time frame will be achieved by more frequent application due dates and expediting peer review, council concurrence and award issuance. The entire cycle from submission to award is expected to be within 3-4 months.

**Deadlines:**
Letters of Intent: 30 days before the application due date
Application: September 2, 2014; October 1, 2014; November 3, 2014; December 1, 2014; January 2, 2015; February 2, 2015; March 2, 2015; April 1, 2015; May 1, 2015; June 1, 2015; July 1, 2015; August 3, 2015; September 1, 2015; October 1, 2015; November 2, 2015; December 1, 2015; January 4, 2016; February 1, 2016; March 1, 2016, April 1, 2016

**National Institutes of Health - Modeling Social Behavior (R01)**
This Funding Opportunity Announcement (FOA) encourages applications for developing and testing innovative theories and computational, mathematical, or engineering approaches to deepen our understanding of complex social behavior. This research will examine phenomena at multiple scales to address the emergence of collective behaviors that arise from individual elements or parts of a system working together. Emergence can also describe the functioning of a system within the context of its environment. Often properties we associate with a system itself are in actuality properties of the relationships and interactions between a system and its environment. This FOA will support research that explores the often complex and dynamic relationships among the parts of a system and between the system and its environment in order to understand the system as a whole.

To accomplish the goals of this initiative, we encourage applications that build transdisciplinary teams of scientists spanning a broad range of expertise. Minimally this team should include investigators with expertise in the behavioral or social sciences as well as in computational and systems modeling (computer science, mathematics, engineering, or other systems sciences). Applications should demonstrate bridge-building between disciplines, scales and levels.

Deadlines:
Feb. 5, Jun. 5, Oct. 5
AIDS Due Dates: Jan. 7, May 7, Sep. 7

National Institutes of Health - Public Health Impact of the Changing Policy/Legal Environment for Marijuana (R01)

This initiative encourages research on the impact of changing marijuana policies and laws on public health outcomes, including marijuana exposure among children, adolescents, and adults; other licit and illicit drug use; education and professional achievement; social development; risky behaviors (e.g., drugged driving); mental health; HIV, etc.

Deadlines:
R01 Due Dates: Feb. 5, Jun. 5, Oct. 5
AIDS Due Dates: Jan. 7, May 7, Sep.