NIH Submission and Review Webinars

The NIH Center for Scientific Review (CSR) will host four Meet the Experts in NIH Peer Review Webinars in early November 2014 to give new NIH grant applicants and others useful insights into the submission and peer review processes. CSR is the portal for NIH grant applications and their review for scientific and technical merit. Each webinar will focus on a different type of NIH grant application.

<table>
<thead>
<tr>
<th>Webinar Focus</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Research Enhancement Awards (R15)</td>
<td>November 4, 2014</td>
</tr>
<tr>
<td>Fellowship Awards</td>
<td>November 5, 2014</td>
</tr>
<tr>
<td>Small Business Grants (SBIR/STTR)</td>
<td>November 7, 2014</td>
</tr>
<tr>
<td>Research Project Grants (R01)</td>
<td>November 10, 2014</td>
</tr>
</tbody>
</table>

All of the Webinars will run from 2:00 to 4:00 p.m. EST, including a 30 minute Q&A period. Registration link available at: [http://public.csr.nih.gov/Pages/csrwebinar.aspx](http://public.csr.nih.gov/Pages/csrwebinar.aspx). Register by October 28.

Loeb Classical Library Foundation Fellowship

[http://www.lclf.harvard.edu/icb/icb.do](http://www.lclf.harvard.edu/icb/icb.do)

The Loeb Classical Library Foundation awards fellowships to qualified scholars to support research, publication, and other projects in the area of classical studies. Fellowships may be used for a wide variety of purposes. Examples include publication of research, enhancement of sabbaticals, travel to libraries or collections, dramatic productions, excavation expenses, or cost of research materials.

Fellowships will normally range from $1,000 to $35,000 and may occasionally exceed that limit in the case of unusually interesting and promising projects.

**Deadline:** November 1, 2014

National Endowment for the Humanities - Collaborative Research Grants

[http://www.neh.gov/grants/research/collaborative-research-grants](http://www.neh.gov/grants/research/collaborative-research-grants)

Collaborative Research Grants support interpretive humanities research undertaken by a team of two or more scholars, for full-time or part-time activities for periods of a minimum of one year up to a maximum of three years. Support is available for various combinations of scholars, consultants, and research assistants; project-related travel; field work; applications of information technology; and technical support and services. All grantees are expected to communicate the results of their work to the appropriate scholarly and public audiences.

Eligible projects include

- research that significantly adds to knowledge and understanding of the humanities;
- conferences on topics of major importance in the humanities that will benefit scholarly research;
• archaeological projects that include the interpretation and communication of results (projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs); and
• research that uses the knowledge and perspectives of the humanities and historical or philosophical methods to enhance understanding of science, technology, medicine, and the social sciences.

Deadline: December 9, 2014

National Endowment for the Humanities - Scholarly Editions and Translations Grants

Scholarly Editions and Translations grants support the preparation of editions and translations of pre-existing texts and documents of value to the humanities that are currently inaccessible or available in inadequate editions. These grants support full-time or part-time activities for periods of a minimum of one year up to a maximum of three years.

Projects must be undertaken by a team of at least one editor or translator and one other staff member. Grants typically support editions and translations of significant literary, philosophical, and historical materials, but other types of work, such as musical notation, are also eligible.

Deadline: December 9, 2014

National Science Foundation - Long Term Research in Environmental Biology (LTREB)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13544

The Long Term Research in Environmental Biology (LTREB) Program supports the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science. Research areas include, but are not limited to, the effects of natural selection or other evolutionary processes on populations, communities, or ecosystems; the effects of interspecific interactions that vary over time and space; population or community dynamics for organisms that have extended life spans and long turnover times; feedbacks between ecological and evolutionary processes; pools of materials such as nutrients in soils that turn over at intermediate to longer time scales; and external forcing functions such as climatic cycles that operate over long return intervals.

The Program intends to support decadal projects. Funding for an initial, 5-year period requires submission of a preliminary proposal and, if invited, submission of a full proposal that includes a 15-page project description. Proposals for the second five years of support (renewal proposals) are limited to an eight-page project description and do not require a preliminary proposal.

Successful LTREB proposals address three essential components:

• **A Decadal Research Plan** that clearly articulates important questions that cannot be addressed with data that have already been collected, but could be answered if ten additional years of data were collected. This plan is not a research timeline or management plan. It is a concise justification for ten additional years of support in order to advance understanding of key concepts, questions, or theories in environmental biology.

• **Core Data**: LTREB proposals require that the author has studied a particular phenomenon or process for at least six years up to the present or for long enough to generate a contemporary time series that contains six data points. These data constitute Core Data on which the new project should be based, and analysis of these data should generate new questions, on the same phenomenon or process, that provide the focus of the LTREB project.

• **A Plan for Data Management and Dissemination** that details information management and plans for data sharing with the broader research community and the interested public. Data from long-term research projects have value beyond the peer-reviewed and other publications generated by the investigators collecting the data.

Deadlines:
Full Proposal: August 3, 2015; August 2, Annually Thereafter

**National Science Foundation - Major Research Instrumentation Program (MRI): Instrument Acquisition or Development**

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation’s institutions of higher education, not-for-profit museums, science centers and scientific/engineering research organizations. The program provides organizations with opportunities to acquire major instrumentation that supports the research and research training goals of the organization and that may be used by other researchers regionally or nationally.

Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. Development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. The MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The program does not fund research projects or provide ongoing support for operating or maintaining facilities or centers.

The instrument acquired or developed is expected to be operational for regular research use by the end of the award period. For the purposes of the MRI program, a proposal must be for either acquisition (Track 1) or development (Track 2) of a single, well-integrated instrument. The MRI program does not support the acquisition or development of a suite of instruments to outfit research laboratories or facilities, or that can be used to conduct independent research activities simultaneously.

**Limit on Number of Proposals per Organization: Three (3)**. Follow the limited submission policy located at http://www.unlv.edu/assets/research/policies/Research-LimitedSubmissionsProposalsPolicy.pdf

**Deadlines:** January 22, 2015; January 13, 2016 - Second Wednesday in January, annually thereafter

**National Science Foundation - Innovation Corps Sites Program (I-Corps Sites)**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504802

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society. In order to contribute to a national innovation ecosystem, NSF established the NSF Innovation Corps Sites Program (NSF I-Corps Sites). Sites are funded at academic institutions, having already existing innovation or entrepreneurial units, to enable them to:

- Nurture students and/or faculty who are engaged in projects having the potential to be transitioned into the marketplace. I-Corps Sites will provide infrastructure, advice, resources, networking opportunities, training and modest funding to enable groups to transition their work into the marketplace or into becoming I-Corps Team applicants (see NSF Innovation Corps Program, NSF 12-602).
- Develop formal, active, local innovation ecosystems that contribute to a larger, national network of mentors, researchers, entrepreneurs and investors.
- The purpose of an I-Corps Site is to nurture and support multiple, local teams to transition their ideas, devices, processes or other intellectual activities into the marketplace.

**Limit on Number of Proposals per Organization:** 1. Follow the limited submission policy located at http://www.unlv.edu/assets/research/policies/Research-LimitedSubmissionsProposalsPolicy.pdf

**Deadline:** June 9, 2015; Second Tuesday in June, Annually Thereafter

**Environmental Research and Education Foundation - Research in Sustainable Solid Waste Management**
http://erefdn.org/index.php/grants/proposal
Submissions of scientific research proposals related to sustainable solid waste management practices are invited in the following areas:

- Waste minimization
- Recycling
- Waste conversion to energy, biofuels, chemicals or other useful products. This includes, but is not limited to, the following technologies:
  - Waste-to-energy
  - Anaerobic digestion
  - Composting
  - Other thermal or biological conversion technologies
  - Strategies to promote diversion to higher and better uses (e.g. organics diversion, market analysis, optimized material management, logistics, etc.)
- Landfilling

**Deadlines:** January 8, July 15, annually

**Department of Energy - Notice of Intent (NOI) - Sustainable and Holistic Integration of Energy storage and Solar PV (SHINES)**


The Department of Energy (DOE), Office of Energy Efficiency and Renewable Energy (EERE) intends to issue, on behalf of the Solar Energy Technologies Office, a Funding Opportunity Announcement (FOA) entitled “Sustainable and Holistic Integration of Energy storage and Solar PV (SHINES).”

As solar power plants proliferate, the variability and uncertainty of the solar resource poses challenges for integrating PV with electric power systems, both at the distribution and bulk system levels. The goal is to enable holistic design, development, and widespread sustainable deployment of low-cost, flexible, and reliable solutions that have energy storage as one of the key components for successful integration of PV power plants.

The purpose of this Notice of Intent (NOI) is to provide interested parties advance notice that EERE intends to issue a FOA in the near term titled, Sustainable and Holistic Integration of Energy storage and Solar PV (SHINES). NO APPLICATIONS WILL BE ACCEPTED THROUGH THIS NOI. All of the information contained in this Notice is subject to change. EERE will not respond to questions concerning this Notice. If the FOA is released, EERE will provide an avenue for potential Applicants to submit questions.

**Department of Energy - DE-FOA-0001166 - Building Energy Efficiency Frontiers & Innovations Technologies (BENEFIT) - 2015**


This FOA supports research and development of technologies and approaches that lead to primary energy reductions in buildings in the USA. This FOA combines early-stage topics (Innovations) with later-stage, research and development topics (Frontiers) that complement the core funding provided by the program. Because of their different focuses (Innovations: early-stage; Frontiers: later-stage, research and development), this FOA is divided into two sections: an Innovations and a Frontiers section. R&D topics under the Innovations section are generally riskier, i.e., at an earlier stage of R&D, compared to those under the Frontiers section. Pursuing both short-term (Innovations) and long-term (Frontiers) investments provides balance to the R&D portfolio. This FOA allows all interested parties, including corporations, universities, and non-profits as well as the national labs, to contribute to advancement in these technological areas. The Innovations topic is (1) non-vapor compression HVAC technologies; the Frontiers topic is (2) advanced vapor compression HVAC technologies.

**Deadlines:**
- REQUIRED Concept Papers: November 10, 2014
- Full Applications: January 12, 2014
National Science Foundation - Dear Colleague Letter on the Ebola Virus
In light of the recent emergence of the lethal Ebola virus in the US, the National Science Foundation (NSF) is accepting proposals to conduct non-medical, non-clinical care research that can be used immediately to better understand how to model and understand the spread of Ebola, educate about prophylactic behaviors, and encourage the development of products, processes, and learning that can address this global challenge. I invite researchers to use the Rapid Response Research (RAPID) funding mechanism, which allows NSF to receive and review proposals having a severe urgency with regard to availability of, or access to data, facilities or specialized equipment, as well as quick-response research on natural or anthropogenic disasters and similar unanticipated events.

National Institutes of Health - NIA MSTEM: Advancing Diversity in Aging Research (ADAR) through Undergraduate Education (R25) -- AIDS
This funding opportunity announcement (FOA) issued by the National Institute on Aging (NIA), NIA MSTEM: Advancing Diversity in Aging Research (ADAR) through Undergraduate Education, encourages institutional Research Education Grant (R25) applications from institutions that propose creative and innovative research education programs to diversify the workforce in aging by (1) supporting undergraduate competency and completion in medicine, science, technology, engineering and mathematics (MSTEM to be referred to as “NIA MSTEM fields” henceforth), as they relate to aging and, also, by (2) application and transition to graduate study that advances a cadre of students from diverse backgrounds into NIA MSTEM fields. The interests of the NIA span biological, biomedical, behavioral, clinical and social sciences research across the lifespan with a focus on processes of aging through midlife and into old age.

Deadlines:
R25: January 25, May 25, September 25
AIDS: January 7, May 7, September 7

National Institutes of Health - Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01,R21)
This Funding Opportunity Announcement (FOA) seeks to encourage applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 21). Applications to promote positive health behavior(s) should target social and cultural factors, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations, identification of barriers to healthy behaviors; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary teams are strongly encouraged. The ultimate goal of this FOA is to promote research that identifies and enhances processes that promote sustainable positive behavior or changes social and cultural norms that influence health and future health behaviors.

Although the above link uses the R01 mechanism, it runs in parallel with a program announcement of identical scientific scope, PA-14-176, which uses the exploratory/developmental (R21) grant mechanism.

Deadlines:
R01: February 5, June. 5, October 5
R21: February 16, June 16, October 16
AIDS: January 7, May 7, September 7

**National Institutes of Health - AHRQ -- Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology (IT) (R21)**


The purpose of this Funding Opportunity Announcement (FOA) is to fund exploratory and developmental research grants that will contribute to the evidence base of how health IT improves health care quality. This FOA supports the use of a wide variety of research designs in order to generate information regarding the design and development, implementation, use, or impact of health IT on quality. Depending on the research design and intent of the project, applicants may receive support for: (1) pilot and feasibility or self-contained health IT research projects; (2) secondary data analysis of health IT research; or (3) economic (prospective or retrospective) analyses of a health IT project. Each grant application must clearly state which type of the three types of studies is being proposed.

This FOA is focused on five research areas of interest that are needed to support health care quality and are considered part of a continuous quality improvement process. The five research areas of interest for this FOA are:

1. Design
2. Implementation
3. Use
4. Impact on outcomes
5. Measurement

**Deadlines:** February 16, June 16, October 16

**Brain & Behavior Research Foundation - NARSAD Independent Investigator Grants**

[http://bbrfoundation.org/](http://bbrfoundation.org/)

The NARSAD Independent Investigator Grant provides support for investigators during the critical period between the initiation of research and the receipt of sustained funding. A two-year grant up to $100,000 or $50,000 per year is provided to scientists at the associate professor level or equivalent who are clearly independent and have won national competitive support as a principal investigator. Please note that an assistant professor who is a principal investigator on a NIH R01 grant is now eligible for the NARSAD Independent Investigator Grant. Basic and/or clinical investigators are supported, but research must be relevant to schizophrenia, major affective disorders, or other serious mental illnesses. The program is intended to facilitate innovative research opportunities.

**Deadline:** November 14, 2014

**National Institutes of Health - Building Interdisciplinary Research Careers in Women’s Health (K12)**


The NIH Office of Research on Women’s Health (ORWH) and its cosponsors invite institutional career development award applications for Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) Career Development Programs, hereafter termed "Programs." Programs will support mentored research career development of junior faculty members, known as BIRCWH Scholars, who have recently completed clinical training or postdoctoral fellowships, and who will be engaged in interdisciplinary basic, translational, behavioral, clinical, and/or health services research relevant to women’s health, and where appropriate the use of both sexes to better understand the influence of sex as a variable on health and disease.

**Deadlines:**

Letter of Intent: December 5, 2014
Deadlines:

**Members**

- **Orthotic and Prosthetic Devices, Treatment, Rehabilitation, and Secondary Health Effect Prevention Options for Patients, Clinicians, Other Caregivers, and Policymakers**
  - **R01**: February 5, June 5, October 5
  - **R21**: February 16, June 16, October 16
  - **AIDS**: January 7, May 7, September 7

**National Institutes of Health - Family-Centered Self-Management of Chronic Conditions (R01, R21)**


This funding opportunity announcement seeks to build the science of family-centered self-management (FCSM) in chronic conditions. Although the above link uses the R01 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, **PA-14-113**, which uses the exploratory/developmental (R21) grant mechanism.

Examples of approaches to this opportunity are as follows but are not limited to:

- Develop and test FCSM interventions that promote family equilibrium for individuals with chronic conditions as well as when multiple family members have chronic conditions and are at risk of exacerbation of their illness. Examples may include community interventions or programs around a built environment.
- Develop innovative research designs to determine which FCSM interventions are most efficient to include variability across developmental life stages and who will benefit most. Examples of innovative designs may include using a multiphase optimization strategy (MOST) when applied to self-management studies. This design leads to identification of a likely best intervention that can be evaluated at optimal levels, through an iterative process. Another example may be using a Multiple Assignment Randomized Trial (SMART) or pragmatic design that would facilitate high-quality data that can be used to construct adaptive interventions. Methodological designs such as SMART and MOST could be adapted to family-centered self-management research prevention and management programs; since these designs are practical, innovative, and hold promise for producing more effective interventions.
- Incorporate novel technologies for individual and family members to facilitate FCSM such as: monitoring symptom status, promoting health behavioral modifications and accessing/imparting health information.
- Determine effective methods for dissemination of FCSM interventions into practice.
- Develop outcome measures (short and long term) to assess effectiveness of FCSM interventions.

**Department of Defense - Clinical and Rehabilitative Medicine Research Program Joint Program Committee 8 -- Orthotics and Prosthetics Outcomes Research Award**

http://www.grants.gov/web/grants/view-opportunity.html?oppId=268008

The OPORP Orthotics and Prosthetics Outcomes Research Award (OPORA) is being offered for the first time in FY14. It is intended to support research that evaluates the comparative effectiveness of and functional outcomes associated with prosthetic and orthotic clinical interventions and/or other rehabilitation interventions for Service Members and Veterans who have undergone limb salvage or limb amputation. The goal is to improve our understanding and ultimately advance the implementation of the most effective prescriptions for prosthetic and orthotic devices, treatment, rehabilitation, and secondary health effect prevention options for patients, clinicians, other caregivers, and policymakers. Proposed projects should be designed to provide outcomes data regarding orthotic and prosthetic devices, and/or related clinical interventions and must include the anticipated effect on patient care metrics. Collaboration with military researchers and clinicians is encouraged, as are joint Department of Defense (DoD)-VA studies, including longitudinal outcome studies.

Studies are sought that:

- Compare different patient care approaches.
- Include patient-centric outcome assessments.
• Have the potential to generate new knowledge that can be developed into new clinical practice guidelines, and/or new prescription algorithms for prosthetic and orthotic devices.
• Have the potential to develop new technology for improved prosthetic and orthotic devices, therefore improving patient outcomes.
• Provide information on quality of life, reintegration, and/or return to duty/return to work as it pertains to those patients who use a prosthetic or orthotic device due to limb trauma.

Deadlines:
• Pre-Application: November 12, 2014
• Invitation to Submit an Application: December 10, 2014
• Application: January 16, 2015