Department of Commerce

- NOAA-NOS-OCRM-2014-2003817
  FY14 Coral Reef Conservation Program Domestic Coral Reef

Department of Defense

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  Data Management and Coordinating Center (DMCC) for Rare Diseases Clinical Research Network (RDCRN) (U01) - National Institutes of Health

National Endowment for the Humanities

- 20140107-RZ - Collaborative Research

National Science Foundation

- 13-608 - Advancing Informal STEM Learning
- 14-500 - National Robotics Initiative
- 14-501 - Petrology and Geochemistry

NOAA-NOS-OCRM-2014-2003817
FY14 Coral Reef Conservation Program Domestic Coral Reef
Department of Commerce

Closing Date for Applications:	Jan 8, 2014
Award Ceiling:	$80,000
Award Floor:	$30,000
Eligibility:	Institutions of higher education, non-profit organizations, commercial organizations, and local and Indian tribal government agencies are eligible to apply for funding under this funding category. U.S. federal, state, territory, and commonwealth governments and Regional Fishery Management Councils are not eligible to apply under this funding category.
Agency Name:	Department of Commerce
Description:	The NOAA Coral Reef Conservation Grant Program, as authorized under the Coral Reef Conservation Act of 2000, provides matching grants of financial assistance through the Domestic Coral Reef Conservation Grant program to institutions of higher education, non-profit organizations, commercial organizations, and local and Indian tribal government agencies. These awards are intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in U.S. portions of the Gulf of Mexico. Projects may be proposed in the Northwestern Hawaiian Islands and the U.S. Pacific Remote Island Areas, but these locations are not considered geographic priorities under this announcement. Proposals submitted to this competition must address at least one of the following four categories: 1) Fishing Impacts; 2) Land-Based Sources of Pollution; 3) Climate Change; and 4) Local and Emerging Management Issues. Each category is described in more detail in the Federal Funding Opportunity announcement. All proposed work must be consistent with Coral Reef Conservation Program (CRCP) National Goals and Objectives 2010-2015 (http://coralreef.noaa.gov/aboutcrcp/strategy/currentgoals/resources/3threats_go.pdf) and/or the relevant Jurisdictional Coral Reef Management Priorities (http://coralreef.noaa.gov/aboutcrcp/strategy/reprioritization/managementpriorities) developed for each of the seven states and territories. Proposals selected for funding through this solicitation will be implemented through a grant and will require a 1:1 match of non-

	Federal funds. Funding for this program is subject to the availability of FY 2014 Congressional appropriations and is expected to range between approximately $800,000 to approximately $1,000,000. Funding will be divided among the U.S. Pacific and Atlantic regions to maintain the geographic balance of the CRCP Grant Program portfolio overall, as required by the Coral Reef Conservation Act of 2000. NOAA expects that each applicant will request Federal funding at a funding level between $30,000 and $80,000 under this solicitation and that the average award size will be approximately $50,000.
Link to Additional Information:	http://www.grants.gov/applicants/download-application-package.html?oppId=186890

W81XWH-13-BCRP-POSTDOC2
DoD Breast Cancer Postdoctoral Fellowship Award
Dept. of the Army -- USAMRAA — Department of Defense

Closing Date for Applications:	Jan 9, 2014
Estimated Total Program Funding:	$9,000,000
Eligible Applicants:	Unrestricted
Agency Name:	Dept. of the Army -- USAMRAA
Description:	The Postdoctoral Fellowship Award supports exceptionally talented recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral training and allows them to obtain the necessary experience for an independent career at the forefront of breast cancer research. Those individuals should be exceptionally talented scientists who have demonstrated that they are the "best and brightest" of their peers. Applicants for this award must exhibit a strong desire to pursue a career in breast cancer research. Under this award mechanism, the postdoctoral fellow is considered the Principal Investigator (PI) and, as such, should write the project narrative, training plan, and other application components with appropriate guidance from the mentor. While the PI is not required to have previous experience in breast cancer research, the proposed project and training must focus on breast cancer. Applications must emphasize the PI's high potential for success in becoming an independent breast cancer researcher based on his/her qualifications, achievements (including first-author publications), and letters of recommendation. The mentor (or co-mentor, if applicable) must possess the appropriate expertise and experience in breast cancer, to include publications and active peer reviewed breast cancer funding, and clearly demonstrate a commitment to guiding the PI's research and training. If the mentor is not an experienced breast cancer researcher, then formal co-mentorship by an established breast cancer researcher is required. The application must include information about the mentor's experience in conducting innovative research and how he/she intends to support the PI's endeavors in breast cancer. Mentorship by an investigator without an established record of mentoring pre- and postdoctoral trainees may be offset by the overall strength of the training plan. Applications must provide details on the suitability of the PI's overall training plan and research project for attaining the goals of this

	award mechanism. Applications must elaborate on the qualities of the training environment in which the candidate will work, provide details on the individualized, breast cancer-focused training plan, and describe how this training will facilitate the PI's career development as an independent, innovative breast cancer researcher. A multidisciplinary research approach to breast cancer is highly encouraged but not required; however, if there are multidisciplinary aspects to the training, they should be clearly outlined in the application. The application must articulate the potential impact that the proposed work will have on breast cancer. The research should be based on a sound scientific rationale and/or a thorough review of the literature. Preliminary data are not required.
Link to Additional Information:	http://www.grants.gov/view-opportunity.html?oppId=244273 http://www.grants.gov/applicants/download-application-package.html?oppId=186710

14-SN-0002
Hypoxia Monitoring, Alert, and Mitigation System
Office of Naval Research — Department of Defense

Closing Date for Applications: Nov 22, 2013

Eligible Applicants:	Unrestricted
Agency Name:	Office of Naval Research
Description:	This announcement describes a research thrust entitled "Hypoxia Monitoring, Alert and Mitigation System" (HAMS) to be launched under the ONR BAA 14-001, Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology which can be found at: http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx. The research opportunity described in this announcement specifically falls under numbered paragraph 2 (item c) of the sub-section entitled Warfighter Performance (Warfighter Protection and Applications). The submission of proposals, their evaluation and potential execution of funds will be carried out as described in that BAA. The purpose of this announcement is to focus attention of the scientific community on the area to be studied and the planned timetable for the submission of proposals. ********** ********** ********** The FULL ANNOUNCEMENT is available on the Grants.gov website by scrolling to the top of the synopsis page and clicking on the "FULL ANNOUNCEMENT" box surrounded by the dotted line at the top of the page.
Link to Additional Information:	Link to all ONR BAA□s

PAR-13-371
Planning for a National Center for Particle Beam Radiation Therapy Research (P20)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Jan 21, 2014
Eligible Applicants:	Special district governments Native American tribal organizations (other than Federally recognized tribal governments) Private institutions of higher education State governments Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education Others (see text field entitled "Additional Information on Eligibility" for clarification) Native American tribal governments (Federally recognized) Small businesses Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Public housing authorities/Indian housing authorities Independent school districts For profit organizations other than small businesses County governments City or township governments Public and State controlled institutions of higher education
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are not eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are not eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed
Agency Name:	National Institutes of Health
Description:	The purpose of this Funding Opportunity Announcement

	(FOA) is to encourage and support planning efforts for establishing a Center for Particle Beam Radiation Therapy (PBRT) Research. The Center must be planned to operate as a research center adjunct to an independently created and funded, sustainable clinical facility for PBRT. Ultimately, the proposed Center is expected to perform clinically relevant research using proton and heavier ion beams (including but not necessarily limited to carbon beams). The goal of this FOA is to provide the awardees with funding to enable inclusion of necessary resources (expertise or facilities) to carry out basic, and translational, and clinical research complementary to a clinical PBRT facility. The necessary expertise and efforts would be provided by a multidisciplinary team of basic, translational, and clinical researchers, including physicists, engineers, biologists, and physicians, while the research facilities may include, by way of example, cell culture laboratories, vivarium, and clinical anesthesia units for pediatric patients. Applicants responding to this FOA must propose at least one pilot project that will enable a PBRT research agenda in particle beam delivery systems, dosimetry, radiation biology, or translational pre-clinical studies. It is expected that this effort will lead to a national research resource capable of successfully competing for and securing the funding required to operate a specialized research center for clinical PBRT. This FOA is designed to support solely the planning for a Research Center at a separately funded PBRT facility, and not the PBRT facility itself.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PAR-13-371.html

PAR-13-374
Modeling Social Behavior (R01)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Jan 7, 2017
Eligible Applicants:	Public and State controlled institutions of higher education Native American tribal governments (Federally recognized) County governments For profit organizations other than small businesses Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Private institutions of higher education State governments Independent school districts City or township governments Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education Special district governments Others (see text field entitled "Additional Information on Eligibility" for clarification) Small businesses Public housing authorities/Indian housing authorities Native American tribal organizations (other than Federally recognized tribal governments)
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Non-domestic (non-U.S.) Entities (Foreign Organizations); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.
Agency Name:	National Institutes of Health
Description:	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.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PAR-13-374.html

PAR-13-376
NIBIB Biomedical Technology Resource Centers (P41)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Jan 7, 2017
Eligible Applicants:	Others (see text field entitled "Additional Information on Eligibility" for clarification) Private institutions of higher education Public and State controlled institutions of higher education Independent school districts State governments Public housing authorities/Indian housing authorities City or township governments Native American tribal governments (Federally recognized) Small businesses Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education Special district governments Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education County governments Native American tribal organizations (other than Federally recognized tribal governments) For profit organizations other than small businesses
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are not eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are not eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.
Agency Name:	National Institutes of Health
Description:	This Funding Opportunity Announcement (FOA)

	encourages grant applications for Biomedical Technology Resource Centers (BTRCs) that are funded using the P41 mechanism. BTRCs conduct research and development on new technologies that are driven by the needs of basic, translational, and clinical researchers. BTRCs also make their technologies available, train members of the research community in the use of the technologies, and disseminate these technologies broadly.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PAR-13-376.html

PAR-13-375
Nutrigenetics and Nutrigenomics Approaches for Nutrition Research (R01)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Mar 22, 2016
Eligible Applicants:	For profit organizations other than small businesses Native American tribal organizations (other than Federally recognized tribal governments) Private institutions of higher education Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Public and State controlled institutions of higher education Others (see text field entitled "Additional Information on Eligibility" for clarification) County governments Special district governments Public housing authorities/Indian housing authorities Small businesses State governments Native American tribal governments (Federally recognized) Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education City or township governments Independent school districts
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are noteligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.
Agency Name:	National Institutes of Health
Description:	The main objective of this Funding Opportunity

	Announcement (FOA) is to promote application of nutrigenetics and/or nutrigenomics approaches to nutrition research through collaborative interaction among nutrition researchers and experts in omics technologies.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PAR-13-375.html

PA-13-377
Research on Malignancies in the Context of HIV/AIDS (R01)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Sep 7, 2016
Eligible Applicants:	State governments City or township governments Native American tribal governments (Federally recognized) Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education For profit organizations other than small businesses Native American tribal organizations (other than Federally recognized tribal governments) Public housing authorities/Indian housing authorities Others (see text field entitled "Additional Information on Eligibility" for clarification) County governments Private institutions of higher education Public and State controlled institutions of higher education Small businesses Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Special district governments Independent school districts
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Non-domestic (non-U.S.) Entities (Foreign Organizations); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.
Agency Name:	National Institutes of Health

Description:	This funding opportunity announcement (FOA) encourages Research Project Grant (R01) applications from institutions/ organizations that propose to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying Human Immunodeficiency (HIV) infection or Acquired Immune Deficiency Syndrome (AIDS). The NCI and NIDCR encourage research in areas such as the study of the etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both non-AIDS defining and AIDS-defining malignancies in diverse populations. This FOA encourages research efforts that will (i) provide information on the clinical outcomes of such cancers in the HIV-infected population and (ii) identify specific contributions resulting from HIV infection and its potential interaction with other pathogens for the development and pathogenesis of these cancers. Ultimately, such efforts could inform screening approaches and therapies targeted to the HIV-infected population.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PA-13-377.html

PA-13-378
Research on Malignancies in the Context of HIV/AIDS (R21)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications: Sep 7, 2016

Eligible Applicants:	Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education County governments Independent school districts Small businesses Public housing authorities/Indian housing authorities Others (see text field entitled "Additional Information on Eligibility" for clarification) For profit organizations other than small businesses Public and State controlled institutions of higher education State governments Native American tribal organizations (other than Federally recognized tribal governments) City or township governments Special district governments Native American tribal governments (Federally recognized) Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Private institutions of higher education
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Non-domestic (non-U.S.) Entities (Foreign Organizations); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.
Agency Name:	National Institutes of Health
Description:	This funding opportunity announcement (FOA) encourages Research Project Grant (R21) applications from institutions/organizations that propose to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying Human Immunodeficiency (HIV) infection or Acquired Immune Deficiency Syndrome (AIDS). The NCI and NIDCR encourage research in areas such as the study of the

	etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both non-AIDS defining and AIDS-defining malignancies in diverse populations. This FOA encourages research efforts that will (i) provide information on the clinical outcomes of such cancers in the HIV-infected population and (ii) identify specific contributions resulting from HIV infection and its potential interaction with other pathogens for the development and pathogenesis of these cancers. Ultimately, such efforts could inform screening approaches and therapies targeted to the HIV-infected population.
Link to Additional Information:	http://grants.nih.gov/grants/guide/pa-files/PA-13-378.html

RFA-TR-13-003
Data Management and Coordinating Center (DMCC) for Rare Diseases Clinical Research Network (RDCRN) (U01)
National Institutes of Health — Department of Health and Human Services

Closing Date for Applications:	Dec 19, 2013
Estimated Total Program Funding:	$3,000,000
Eligible Applicants:	Small businesses State governments Independent school districts Native American tribal governments (Federally recognized) Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education Public housing authorities/Indian housing authorities Public and State controlled institutions of higher education Special district governments Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education County governments Private institutions of higher education City or township governments Native American tribal organizations (other than Federally recognized tribal governments) Others (see text field entitled "Additional Information on Eligibility" for clarification) For profit organizations other than small businesses
Additional Information on Eligibility:	Other Eligible Applicants include the following: Alaska Native and Native Hawaiian Serving Institutions; Asian American Native American Pacific Islander Serving Institutions (AANAPISISs); Eligible Agencies of the Federal Government; Faith-based or Community-based Organizations; Hispanic-serving Institutions; Historically Black Colleges and Universities (HBCUs); Indian/Native American Tribal Governments (Other than Federally Recognized); Regional Organizations; Tribally Controlled Colleges and Universities (TCCUs) ; U.S. Territory or Possession; Non-domestic (non-U.S.) Entities (Foreign Institutions) are not eligible to apply. Non-domestic (non-U.S.) components of U.S. Organizations are not eligible to apply. Foreign components, as defined in the NIH Grants Policy Statement, are allowed.

Agency Name:	National Institutes of Health
Description:	The purpose of this Funding Opportunity Announcement (FOA) is to invite new and renewal cooperative agreement applications for the DMCC, which supports the RDCRN. The Network facilitates clinical research in rare diseases through support for 1) collaborative clinical research in rare diseases, including longitudinal studies of individuals with rare diseases, clinical studies and/or phase I , II and II/III trials; 2) training of clinical investigators in rare diseases research; 3) pilot and demonstration projects; 4) clinical data management that incorporates novel approaches and technologies for data management, data mining, and data sharing across rare diseases, data types, and platforms; and 5) access to information related to rare diseases for basic and clinical researchers, academic and practicing physicians, patients, and the lay public. The DMCC (U01) cooperative agreement application will focus on innovative ways to provide the infrastructure and support to the individual sites in their activities relevant to items 1-3 as well as a focus on issues relevant to items 4 and 5. See companion FOA RFA-TR-13-002
Link to Additional Information:	http://grants.nih.gov/grants/guide/rfa-files/RFA-TR-13-003.html

20140107-RZ
Collaborative Research
National Endowment for the Humanities

Closing Date for Applications:	Jan 7, 2014
Award Ceiling:	$300,000
Eligible Applicants:	Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education Public and State controlled institutions of higher education Private institutions of higher education Native American tribal governments (Federally recognized) Special district governments County governments Individuals State governments Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education City or township governments
Agency Name:	National Endowment for the Humanities
Description:	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 one to 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.
Link to Additional Information:	http://www.grants.gov/applicants/download-application-package.html?oppId=187092

13-608
Advancing Informal STEM Learning
National Science Foundation

Closing Date for Applications:	Jan 14, 2014 Full Proposal Deadline(s): January 14, 2014 November 14, 2014
Estimated Total Program Funding:	$27,000,000
Award Ceiling:	$3,000,000
Award Floor:	$300,000
Eligible Applicants:	Unrestricted
Agency Name:	National Science Foundation
Description:	The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants.The AISL program supports five types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, and (5) Conferences, Symposia, and Workshops.
Link to Additional Information:	NSF Publication 13-608

14-500
National Robotics Initiative
National Science Foundation

Closing Date for Applications:	Jan 21, 2014 Full Proposal Deadline(s): January 21, 2014 November 13, 2014 Second Thursday in November, Annually Thereafter
Estimated Total Program Funding:	$50,000,000
Award Ceiling:	$3,000,000
Award Floor:	$100,000
Eligible Applicants:	Others (see text field entitled "Additional Information on Eligibility" for clarification)
Additional Information on Eligibility:	*Organization Limit: Proposals may only be submitted by the following: - Organizational eligibility is contained in the NSF Grant Proposal Guide (GPG). Additional eligibility restrictions apply to USDA/NIFA grants(see section IV). The complete text of the GPG is available electronically on the NSF website at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg. Commercial enterprises with greater emphasis on development activities should consider the SBIR/STTR companion programs (http://www.nsf.gov/eng/iip/sbir/) and other agency SBIR/STTR websites. For USDA/NIFA: Eligible applicants for the grant program implemented under this subpart include: (1) State agricultural experiment stations; (2) colleges and universities (including junior colleges offering associate degrees or higher); (3) university research foundations; (4) other research institutions and organizations; (5) Federal agencies, (6) national laboratories; (7) private organizations or corporations; (8) individuals who are U.S. citizens, nationals, or permanent residents; and (9) any group consisting of 2 or more entities identified in (1) through (8). Eligible institutions do not include foreign and international organizations.
Agency Name:	National Science Foundation
Description:	The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), and the U.S. Department of Agriculture (USDA). The purpose of this program is

	the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Only one class of proposals will be considered in response to this solicitation.As detailed in the solicitation, appropriate scientific areas of investigation may be related to any of the participating funding organizations, but NIH and USDA will only fund proposals no larger than a certain size. Please refer to section III of the solicitation. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to the appropriate person in the list of agency contacts found in section VIII of the solicitation.
Link to Additional Information:	NSF Publication 14-500

14-501
Petrology and Geochemistry
National Science Foundation

Closing Date for Applications:	Jan 21, 2014 Full Proposal Target Date(s): January 21, 2014 June 09, 2014 Second Monday in June, Annually Thereafter January 12, 2015 Second Monday in January, Annually Thereafter
Estimated Total Program Funding:	$13,500,000
Award Ceiling:	$500,000
Award Floor:	$30,000
Eligible Applicants:	Unrestricted
Agency Name:	National Science Foundation
Description:	The Petrology and Geochemistry Program supports basic research on the formation of planet Earth, including its accretion, early differentiation, and subsequent petrologic and geochemical modification via igneous and metamorphic processes. Proposals in this program generally address the petrology and high-temperature geochemistry of igneous and metamorphic rocks (including mantle samples), mineral physics, economic geology, and volcanology. Proposals that are focused on the development of analytical tools, theoretical and computational models, and experimental techniques for applications by the igneous and metamorphic petrology, and high temperature geochemistry communities are also invited.
Link to Additional Information:	NSF Publication 14-501