This publication includes deadline dates for the month of July 2019 and late announcements for the months of June 2019 and May 2019. Proposals submitted by a referenced target date will be included in a particular review cycle, while those received after the target date will be held for the next review cycle. It is advisable to contact the program staff cited in each listing to obtain all available information.

Those deadlines marked by an asterisk (**) are tentative. In some cases, these are specific dates that may change depending on the timing of the deadline notices and in others, we have listed just the month during which a deadline is expected. Deadlines marked by a double plus sign (++) are target dates.

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**U.S. Department of Agriculture**
AFRI: Sustainable Agricultural Systems
AgrAbility - Assistive Technology Program for Farmers with Disabilities
Agriculture and Food Research Initiative Education and Workforce Development
Higher Education Challenge Grant Program
Higher Education Multicultural Scholars Program
Hispanic-Serving Institutions (HSIs) Education Grants Program
Organic Transitions Program
Potato Breeding Research
Special Research Grants Program - Aquaculture Research
Sustainable Agriculture Research and Education Program (SARE)
Women and Minors in Science, Technology, Engineering and Math (WA)

**U.S. Department of Commerce**
Planning and Local Technical Assistance Programs Opportunity

**U.S. Department of Defense**
AFOSR: Physical Sciences
Research Interests of the Air Force Office of Scientific Research
Armament Technology Broad Agency Announcement
Defense Production Act (DPA) Title III
DARPA: Defense Sciences Office
Naval Research Laboratory Broad Agency Announcement
Defense University Research Instrumentation Program (DURIP)
ONR: Mathematical, Computer and Information Sciences Research
ONR: Navy Postdoctoral Fellowship Program
AFOSR: Young Investigator Research Program

**U.S. Department of Energy**
Nuclear Energy University Programs - Fellowship and Scholarship Support
Joint Genome Institute
Science Undergraduate Laboratory Internships (SULI)

**U.S. Department of the Interior**
Joint Fire Science Programs
North American Wetlands Conservation Act Grants
Earthquake Hazards Program

**U.S. Department of Transportation**
Federal Railroad Administration BAA

**U.S. Environmental Protection Agency**
Great Lakes Restoration Initiative (GLRI)
The Grants Resource Center (GRC) is a Washington-based grants information and technical assistance service available to colleges and universities.

Deadlines is published electronically once a month to GRC members. Hard copies are also available to members for $10 per copy.

Erika Thompson, Editor

Contributing Staff:
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Kyle Mahaney
Kenneth McDonald
Rich Wellons

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Program: Research Fellowship Programs
Agency: American Institute of Indian Studies
Next Deadline: Jul 01, 2019
Supports up to 35 scholars from all disciplines to conduct research in India in the following programs: Junior Fellowships are for graduate students conducting research for their doctoral dissertations in India; Senior Long- and Short-term Fellowships are for those holding the Ph.D. degree; and Performing and Creative Arts Fellowships are available to accomplished practitioners of the arts to conduct their projects in India. Language programs also available. Annual deadline: July 1. See http://www.indiastudies.org/research-fellowship-programs/ for details. Email: aiis@uchicago.edu

CFDA Number: N/A
Contact: Elise Auerbach, U.S. Director
773-702-8638

Program: General Grant Programs
Agency: Eurasia Foundation
Next Deadline: May 01, 2019
Eurasia Foundation is a US-based non-profit organization promoting civil society, governance, and local government development. It offers opportunities across the general areas of advocacy, capacity building, community engagement, and economic opportunity. Currently accepting applications for U.S.-Russia Social Expertise Exchange (5/1) and Peer-to-Peer Dialogue (5/31). Other programs may be available. See https://www.eurasia.org/Programs#Eurasia Email: adedova@eurasia.org

CFDA Number: N/A
Contact: Anna Dedova, Program Associate
202-234-7370

Program: Institutional Grants
Agency: Japan-United States Friendship Commission
Next Deadline: Jul 01, 2019
Supports reciprocal research programs between the U.S. and Japan in support of the continuation of close friendship and cooperation. Awards will be made on the basis of academic or professional excellence evaluated in relation to national and cultural needs for certain professional fields; existing gaps in understanding; and availability or lack of other sources of support. Focus areas include: Exchanges and Scholarship; Global Challenges; Arts and Culture; and Education and Public Affairs. See https://www.jusfc.gov/grant_program/ for details. Email: jusfc@jusfc.gov

CFDA Number: 45.024
Contact: Niharika Chibber Joe, Assistant Executive Director
202-653-9800

Program: Art Works
Agency: National Endowment for the Arts
Next Deadline: Jul 11, 2019
Supports the creation of high quality art, public engagement with the arts, lifelong learning in the arts, and community development through the arts. Projects that are innovative or replicable are encouraged. Awards from approximately $10,000 to $100,000 are available requiring a non-federal 1:1 match. Deadlines are for step one of application process. Limited submission: one submission per organization. The second 2019 competition allows multiple submissions in the Media Arts discipline only. Demonstrably separate components of an organization may apply. See http://arts.gov/grants/organizations-apply for details.
Program: Humanities Collections and Reference Resources
Agency: National Endowment for the Humanities
Next Deadline: Jul 16, 2019
Grants support projects that address major challenges in preserving/providing intellectual access to humanities resources. NEH encourages digital projects that codify, unite, integrate, or aggregate humanities collections and resources. Projects may also develop a reference work or tool or integrate tools and reference works with digital collections to provide context to humanities materials and to facilitate discovery. Supports implementation awards up to $350,000 (3 years) and foundations planning awards up to $50,000 (2 years). See http://www.neh.gov/grants/preservation/humanities-collections-and-reference-resources for details. Email: preservation@neh.gov
CFDA Number: 45.149
Contact: Division of Preservation and Access 202-606-8570

Program: Humanities Initiatives at Community Colleges
Agency: National Endowment for the Humanities
Next Deadline: Jun 12, 2019
Provides grants of up to $100,000 to strengthen the teaching and study of a core topic or set of themes in the humanities within community colleges and post-secondary two-year institutions. Application eligibility is limited to non-profit community colleges and post-secondary two-year institutions but collaboration with four-year colleges and universities is welcomed. See http://www.neh.gov/grants/education/humanities-initiatives-community-colleges for details. Email hi@neh.gov
CFDA Number: 45.162
Contact: Program Staff Division of Education Programs 202-606-8471

Program: Infrastructure and Capacity Building Challenge Grants
Agency: National Endowment for the Humanities
Next Deadline: May 15, 2019
Program offers challenge grants to strengthen humanities institutional infrastructure development and capacity building. Awards help institutions secure long-term support for core activities and expand efforts to preserve and create access to outstanding humanities materials. Awards up to $500,000 must be matched at 3:1 and up to $750,000 must be matched 4:1 to support projects lasting up to five years. Ten percent of the total project cost (federal and match) may be used for fundraising the match. HBCUs, tribal IHEs, HSIs and two-year community colleges only require 1:1 match. See https://www.neh.gov/grants/preservation/infrastructure-and-capacity-building-challenge-grants Email: challenge@neh.gov
CFDA Number: 45.130
Contact: Program Staff Division of Preservation and Access 202-606-8309
Program: Kluge Fellowships
Agency: The Library of Congress
Next Deadline: Jul 15, 2019
Supports research in the Kluge Center using the Library of Congress collections and resources for 4 to 11 months. Stipend of $5,000/month for residential research at the Library. Encourages humanistic and social science research that makes use of the large and varied collections. Scholars must have received a terminal advanced degree within the past seven years in the humanities, social sciences or a professional field such as architecture or law. Up to 12 awards are made annually. Applications due 7/15. Center also offers three Digital Studies Fellowships (12/6), Philip Lee Phillips Fellowship (2/15), David B. Larson Fellowship in Health and Spirituality (4/17) and others. See https://www.loc.gov/programs/john-w-kluge-center/chairs-fellowships/fellowships/kluge-fellowships/ for details. Email: scholarly@loc.gov

CFDA Number: 00-097
Contact: Staff
Kluge Center
202-707-3302

Program: Development Innovation Ventures (DIV)
Agency: U.S. Agency for International Development
Next Deadline: Jul 2019
DIV seeks projects with innovative ideas that address development challenges more efficiently and cost-effectively than standard practice and that could ultimately scale to reach millions of beneficiaries. Supports Stage 1 awards of up to $200,000; Stage 2 awards of up to $1.5 million; and large-scale Stage 3 awards of up to $5 million. Colleges and universities are eligible to apply directly. Annual deadline: applications accepted anytime. See https://www.usaid.gov/div for details. Email: DIV@usaid.gov

CFDA Number: 98.001
Contact: Agreement Specialist
OIDA
202-776-8874

Program: Middle East Partnership Initiative (MEPI)
Agency: U.S. Department of State
Next Deadline: May 23, 2019
MEPI assists efforts to expand political participation, strengthen civil society and the rule of law, empower women and youth, create educational opportunities, and foster economic reform throughout the Middle East and North Africa (MENA). FY19 Annual Program Statement supports awards from $50,000 to $250,000. Only organizations with local offices may apply but colleges and universities without local offices may collaborate. Deadlines vary by country. Other programs available. See https://mepi.state.gov/funding-opportunities/apply-for-a-grant/ for details. Email: Nea-grants@state.gov

Program: Grant Programs
Agency: United States-Japan Foundation
Next Deadline: Jul 15, 2019
Supports cooperation between the U.S. and Japan through three programs: Communication/Public Opinion funds projects that raise awareness and address issues that affect bilateral relations and stimulate quality media coverage; Pre-college Education supports improved instruction about Japan in U.S. schools and the U.S. in Japanese schools through creative curriculum development and teacher training; and U.S. Japan Policy funds projects in foreign policy, trade relations, energy and the environment, managing globalization, national identity, and understanding institutions. Annual deadlines: 7/15, 12/15 for required LOIs. See http://us-jf.org/programs/grants/ for details. Email: info@us-jf.org

CFDA Number: 93.000
Contact: Staff
212-481-8753
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<td>Supports proposals from ACPA members to enhance the student affairs profession and to generate and disseminate knowledge of students in higher education. Of primary interest are proposals related to student learning and professional development. Research grants may be used to fund such items as graduate student support, travel for data collection, software for data analysis, supplies, postage, printing costs, etc. Up to $10,000 is awarded each year. Research grants usually range from $1,000 to $2,500 for one-year projects. Multi-year grants are also available. Annual deadline: 7/1. See <a href="http://foundation.myacpa.org/transform/research-grants/">http://foundation.myacpa.org/transform/research-grants/</a> for details. Email: <a href="mailto:linder@uga.edu">linder@uga.edu</a></td>
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<td>Supports hospitality research projects that benefit the lodging industry. Proposals must address industry problems, have broad geographical appeal, and contribute to prosperity of the industry (annual deadlines: 3/15, 6/15, 9/15). Academic and professional development exists for both self-nominated and select school-nominated funding opportunities. Several scholarships are available to support students pursuing a degree in hospitality management (2/15) or professionals looking to update credentials (annual deadlines: 1/1, 4/1, 7/1, 10/1). See <a href="https://www.ahlef.org/">https://www.ahlef.org/</a> for details. Email: <a href="mailto:mpoinelli@ahlef.org">mpoinelli@ahlef.org</a></td>
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<td>Next Deadline:</td>
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<td>AERA strives to advance knowledge about education, to encourage scholarly inquiry related to education, and to promote the use of research to improve education and serve the public good. Supports dissertation and research grants (5/15), minority fellowships (11/1), and other opportunities. See <a href="http://tinyurl.com/mezyu6d">http://tinyurl.com/mezyu6d</a> for updates. Email: <a href="mailto:gwimberly@aera.net">gwimberly@aera.net</a></td>
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<tr>
<th>Program:</th>
<th>Fellowship and Internship Programs</th>
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<td>Agency:</td>
<td>American Institute for Economic Research</td>
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<td>Next Deadline:</td>
<td>Jul 01, 2019</td>
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<td>Visiting Research Fellowships (annual deadlines: 4/1, 7/1, 10/1, and 12/1) support scholars in fields of economics, political science, philosophy, history, and law. Those involved in other disciplines are also considered. Also offers Internships (annual deadlines: 2/1, 6/1, and 11/1) to introduce accomplished undergraduate and graduate students to economic research and Harwood Graduate Colloquiums (annual deadline: 12/31). Also supports the Sound Money Research Paper Competition (3/1/19). See <a href="https://www.aier.org/opportunities">https://www.aier.org/opportunities</a> for details. Email: <a href="mailto:edward.stringham@aier.org">edward.stringham@aier.org</a></td>
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Program: Grant Program
Agency: Bradley (Lynde and Harry) Foundation, Inc.
Next Deadline: Jul 2019
Projects should support the tradition of free representative government and private enterprise that has enabled the U.S. to flourish intellectually and economically. The foundation is likewise devoted to strengthening American democratic capitalism and the institutions, principles and values that sustain and nurture it along with recognizing that responsible self-government depends on enlightened citizens and informed public opinion. Annual Deadline: letter of inquiries accepted year-round. The Board of Directors meet quarterly for LOI review. Selected applicants will receive an invitation to submit a full proposal. See http://www.bradleyfdn.org/ for details.

CFDA Number: N/A
Contact: Ingrid A. Gregg, Director of Research and Evaluation
414-291-9915

Program: Graduate Fellowships and Grants
Agency: Economic History Association
Next Deadline: Jul 06, 2019
The EHA supports research in economic history. Graduate Dissertation Fellowships (annual deadline: 1/18) are open to graduate students who are currently enrolled in a graduate program in a social science discipline or in history. No requirements as to topic area. Expected to fund several awards of $10,000 for a year of support and one Sokoloff Fellowship for $15,000. Applicants must be current members of the association. Exploratory Travel and Data Grants (annual deadline: 1/18), and Annual Meetings Travel and Hotel Subsidies (annual deadline: 5/22 for poster presenters, 7/6 for attendees not presenting posters) also available. See http://eh.net/eha/grants-and-fellowships for details. Email: Jason.Long@wheaton.edu

CFDA Number: N/A
Contact: Jason Long, Program Officer

Program: Research Programs
Agency: Foundation for Food and Agriculture Research
Next Deadline: Jul 2019 (target date)
Supports researchable issues with the potential to yield pivotal pieces of knowledge that propel the food and agriculture field forward. FFAR builds unique partnerships to support innovative and actionable science addressing today’s food and agriculture challenges. Challenge areas include: Smart Broiler; Egg Tech Prize; 2019 Seeding Solutions Grants; New Innovator in Food and Agriculture Research Award; and Rapid Outcomes from Agricultural Research. Deadlines vary by program. See https://foundationfar.org/open-opportunities/ for details. Email: srockey@foundationfar.org

Program: Awards and Grants Program
Agency: International Reading Association
Next Deadline: Jul 2019
The Association’s awards and grants program ($1,000-$8,000 usually) includes honors for teaching, service to the profession, research, media coverage of reading, and authorship of children’s books. IRA funds Children’s Literature Awards, Professional Development Awards and Grants, Research Awards and Grants, Service Awards, Teachers Awards, and Grants and Travel Grants. Various deadlines occur for the different programs offered through IRA. See http://www.literacyworldwide.org/about-us/awards-grants for details. Email: research@reading.org

CFDA Number:
Contact: IRA/NCATE SPA Coordinator
800-336-7323
Program: Open Society Fellowships  
Agency: Open Society Institute  
Next Deadline: Jul 2019  
Supports individuals pursuing innovative and unconventional approaches to fundamental open society challenges. Projects should cut across at least two areas of interest to the Open Society Foundations: human rights, government transparency, access to information and justice, and the promotion of civil society and social inclusion. The diverse pool of applicants includes journalists, activists, academics, and practitioners in a variety of fields. Stipends are either $80K or $100K. Some deadlines are ongoing. Most FOAs require a letter of intent. Also offers grants and scholarships with various deadlines. See https://www.opensocietyfoundations.org/grants for details. Email: OSFellows@opensocietyfoundations.org  
CFDA Number:  
Contact: Bipasha Ray, Program Officer  212-548-0600  

Program: Grants Program  
Agency: Sloan (Alfred P.) Foundation  
Next Deadline: Jul 2019  
The foundation makes grants across various topics such as STEM, economics, higher education, digital technology, public understanding of science, technology & economics, working longer, and energy and environment. Award types and funding amounts vary. Annual deadline: LOIs accepted at any time. See https://sloan.org/grants/apply#tab-letters-of-inquiry for details. Email: boylan@sloan.org  
CFDA Number: N/A  
Contact: Elizabeth Boylan, Program Director  212-649-1634  

Program: Research and Conference Grants  
Agency: Spencer Foundation  
Next Deadline: May 22, 2019  
The program relies on researchers to determine the most important issues to pursue. Supports Lyle Spencer Research Awards (5/22) up to $1 million for intellectually ambitious research, oriented ultimately to improving the practice of education, and independent of any particular reform agendas or methodological strictures. Conference Grants Awards (5/31) up to $50,000 provide support to scholars for small research conferences and focused symposia. Large (6/20) and Small (7/1) Research Grants cover any topic that falls within Spencer’s mission. See http://www.spencer.org/field-initiated-0 for details. Email: abrinkman@spencer.org  
CFDA Number: N/A  
Contact: Judy Klippenstein, Grants Manager  312-274-6511  

**Program:** Grants & Programs  
**Agency:** The Wallace Foundation  
**Next Deadline:** Jul 2019  
Major initiatives are school leadership; after school, summer and extended learning time; arts education; and audience development for the arts. In most cases, unsolicited proposals are rarely funded. Annual deadline: unsolicited proposals can be sent at any time. Also, potential applicants can sign-up to receive information on RFPs when offered. See http://www.wallacefoundation.org/learn-about-wallace/GrantsPrograms/Pages/default.aspx for details. Email: info@wallacefoundation.org

**CFDA Number:**  
**Contact:** Jody Spiro, Director Education Leadership  
212-251-9700

**Program:** Rural Community Development Initiative Grants  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** Jun 10, 2019  
Provides technical assistance and training funds to qualified intermediary organizations to develop their capacity to undertake housing, community facilities, and community and economic development projects in rural areas. Matching requirement is one to one. See http://www.rd.usda.gov/programs-services/rural-community-development-initiative-grants for details. See solicitation for a list of contacts by state office.

**CFDA Number:** 10.446  
**Contact:** Ed Duval, Director, Rural Housing Service  
202-720-9619

**Program:** Team Nutrition Training Grants  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** Jun 02, 2019  
Provides up to $500,000 to state agencies to implement and evaluate nutrition education, training, and technical assistance activities to support implementation of USDA nutrition standards for meals and snacks offered through the USDA child nutrition Programs (e.g., NSLP, SBP, and CACFP). Colleges and universities may collaborate. Limited submission: each state may submit only one application on behalf of all interested child nutrition state agencies within that state. LOI's are due 4/15/19 and annual deadline is 6/2/19. See https://www.fns.usda.gov/tn/teanutrition-training-grants for details. Email: Anna.Arrowsmith@fns.usda.gov

**CFDA Number:** 10.574  
**Contact:** Anna Arrowsmith, Grants Officer  
FNS  
703-305-2998

**Program:** Smith-Lever Special Needs Awards  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 28, 2019  
Supports the preparation for, response to and coping with disaster losses and critical incidents. Local extension outreach should include: communicating practical science-based risk information; developing relevant educational experiences and programs; working with individuals and communities to open new communication channels; and mitigating losses and facilitating recovery. Eligible applicants are 1862 land-grant IHEs; other IHEs may apply as sub-contractors. See https://nifa.usda.gov/funding-opportunity/smith-lever-special-needs-competitive-grants-program for details. Email: bsamuel@nifa.usda.gov

**CFDA Number:** 10.500  
**Contact:** Beverly Samuel, National Program Leader  
NIFA  
202-720-6059
Program: Veterinary Services Grant Program (VSGP)
Agency: U.S. Department of Agriculture
Next Deadline: May 29, 2019
Supports projects designed to develop, implement and sustain veterinary services and relieve veterinarian shortage situations in the United States and U.S. Insular Areas. FY 17 supports two project types: Education, Extension and Training; and Rural Practice Enhancement. The applicant must have a certified veterinary school/college/department or department of comparative medicine or be a veterinary organization or state, local or tribal agency. See https://nifa.usda.gov/funding-opportunity/veterinary-services-grant-program-vsgp for details. Email: rsmith@nifa.usda.gov
CFDA Number: 10.336
Contact: Robert Smith, National Program Leader 202-401-4892

Program: Rural Cooperative Development Grants Program (RCDG)
Agency: U.S. Department of Agriculture
Next Deadline: Jun 03, 2019
Provides grants to non-profit companies and IHEs to improve economic conditions in rural areas through cooperative development by coordinating activities that retain rural businesses, facilitate cooperatives, generate employment, improve marketing opportunities and provide technical assistance. Matching requirement 25 percent (5 percent for 1994 institutions). Deadline refers to electronic application. See https://www.rd.usda.gov/programs-services/rural-cooperative-development-grant-program for contacts and updates when available.
CFDA Number: 10.446
Contact: Varies by state

Program: Economic Development Assistance Programs
Agency: U.S. Department of Commerce
Next Deadline: Jul 2019 (target date)
Offers two programs under two CFDA numbers: Economic Adjustment Assistance Program provides a wide range of assistance including public works, technical assistance, economic recovery strategies, and revolving loan fund projects in regions experiencing severe economic dislocations; the Public Works and Economic Development Facilities Program supports construction/rehabilitation of public facilities to help communities create jobs, and build economies. Annual deadline: applications accepted at any time. Contacts vary by applicant state. See http://www.eda.gov/funding-opportunities/ for updates.
CFDA Number: 11.307
Contact: Contacts Vary EDA

Program: Perkins Innovation and Modernization Grant Program
Agency: U.S. Department of Education
Next Deadline: Jun 14, 2019
The purpose of the program is to identify, support, and rigorously evaluate evidence-based and innovative strategies and activities to improve and modernize Career and Technical Education (CTE) and ensure workforce skills taught in CTE programs align with labor market needs and improve student outcomes. Six awards are available averaging $500,000 each. A 50 percent cost share is required. Eligible applicants are consortia of two or more eligible organizations from a list or 7 types - including colleges and universities. For details see https://tinyurl.com/y4f9fdz7 and https://cte.ed.gov/grants/funding-opportunities Email: Perkins@ed.gov
CFDA Number: 84.051F
Contact: Laura Messenger, Program Manager OCTAE 202-245-7840
Program: Comprehensive Centers Program
Agency: U.S. Department of Education
Next Deadline: May 24, 2019
Centers serve as field agents for ED to further states' understanding of provisions and purposes of ESEA and related Federal programs. In current competition, up to 20 regional centers awards are available to provide technical assistance to states within defined geographic boundaries and one nationwide center on key issues related to the goals of ESEA. New competitions occur every five to seven years. See http://www.ed.gov/programs/newccp/index.html for updates. Email: kim.okahara@ed.gov

CFDA Number: 84.283B
Contact: Kim Okahara, Program Officer
        OESE
        202-401-0039

Program: Teacher Quality Partnership Program
Agency: U.S. Department of Education
Next Deadline: May 20, 2019
Supports activities to reduce shortages of highly qualified teachers in high-need school districts. Eligible applicants are states, or partnerships consisting of high need local educational agencies, teacher preparation institutions, or schools of arts and sciences. Recipients must carry out a needs assessment and then design and implement recruitment activities. See https://innovation.ed.gov/what-we-do/teacher-quality/teacher-quality-partnership/ for details. Email: Mia.Howerton@ed.gov

CFDA Number: 84.336B
Contact: Mia Howerton, Program Officer
         OESE
         202-205-0147

Program: Child Care Access Means Parents in School (CCAMPIS)
Agency: U.S. Department of Education
Next Deadline: May 31, 2019
Funds are used to support or establish campus-based child care programs primarily serving the needs of low-income students enrolled in IHEs. Grants may be used for before- and after-school services. In addition, grants may be used to serve the child care needs of the community served by the institution. See http://www.ed.gov/programs/campisp/index.html for updates. Email: antoinette.edwards@ed.gov

CFDA Number: 84.335
Contact: Antoinette Edwards, Program Officer
         OESE
         202-453-7121

Program: Research Partnerships: Unsolicited Research Proposals
Agency: U.S. Department of Housing and Urban Development
Next Deadline: Jul 2019 (target date)
Program accepts unsolicited research proposals that address one of the following research priorities: HUD demonstrations, using housing as a platform for improving quality of life, the American Housing Survey data, or housing technology. Research projects must be funded at least 50 percent by philanthropic entities and/or federal, state or local government agencies. Annual proposals accepted at any time and will be evaluated as they are received. See http://www.huduser.org/portal/research/pdrrerespartnerships_about.html for details. Email: ResearchPartnerships@hud.gov

Contact: Kinnard Wright, Program Officer (ext. 7495)
         OUP
         202-708-3061
Program: Second Chance Act Programs
Agency: U.S. Department of Justice
Next Deadline: Jun 11, 2019
A collaborative DOL/DOJ program to address the issues related to adult/juvenile violent offenders who have been released. Competition is open to state and local jurisdictions working in partnerships. Current program: Comprehensive Community-based Adult Reentry Program (6/11). See https://www.bja.gov/funding.aspx#1 for details. Email: grants@ncjrs.gov
CFDA Number: 16.812
Contact: BJA Justice Information Center
BJA
877-927-5657

Program: Community Oriented Policing Services (COPS)
Agency: U.S. Department of Justice
Next Deadline: May 28, 2019
Supports a variety of initiatives designed to advance the practice of community policing nationwide. Proposed projects should be of national relevance and not solely for the benefit of one or a select number of law enforcement agencies. FY 19 programs include: Coordinated Tribal Assistance Solicitation (3/12), Community Policing Development (5/28), COPS Anti-Heroin Task Force (5/28), COPS Anti-Methamphetamine Program (5/28), Law Enforcement Mental Health and Wellness Act (5/28), and School Violence Prevention (5/31). See https://cops.usdoj.gov/grants for updates. Email: askCopsRC@usdoj.gov
CFDA Number: 16.710
Contact: COPS Office Response Center
COPS
800-421-6770

Program: Gang Prevention and Mentoring Programs
Agency: U.S. Department of Justice
Next Deadline: Jun 10, 2019
OJJDP supports several programs that support youth at risk for violence, gang involvement or other negative activities. Upcoming deadlines are in April and June. See http://www.ojjdp.gov/funding/FundingList.asp or https://www.bja.gov/funding.aspx for updates.

Program: Early Career Research and Dissertation Awards
Agency: W.E. Upjohn Institute for Employment Research
Next Deadline: Jul 05, 2019
Early Career Research Awards (1/25/19) supports policy-relevant research on employment issues by providing $5,000 to untenured, early career researchers (Ph.D. obtained in last six years) for research on policy-related labor market issues. Also Dissertation Awards (7/7/17) offers up to $2,500 on research on employment issues. See https://www.upjohn.org/about-us/news-information/grant-opportunities for details. Email: communications@upjohn.org
CFDA Number: N/A
Contact: Program Office
269-343-5541
Program: Early Care and Education Research Scholars: Child Care Research  
Agency: Administration for Children and Families  
Next Deadline: May 09, 2019  
The program supports dissertation research on child care policy issues. These grants are meant to build capacity in the research field to focus research on questions that have direct implications for child care policy decision-making and program administration, and to foster mentoring relationships between faculty members and high-quality doctoral students. Optional letters of intent are due 3/1/18. See https://ami.grantsolutions.gov/ for details. Email: ChildCareScholars@icfi.com

CFDA Number: 93.575  
Contact: Ann Rivera, Program Officer  
OPRE  
877-350-5913

Program: Early Care and Education Research Scholars: Head Start Graduate Student Research  
Agency: Administration for Children and Families  
Next Deadline: May 08, 2019  
The program supports dissertation research by advanced graduate students who are working in partnership with Head Start programs and with faculty mentors. Competitive applicants will demonstrate a collaborative partnership with their program partners, and pursue research questions that directly inform local, state, or federal policy relevant to multiple early care and education practices. Optional LOI's are due 4/8/19. See https://ami.grantsolutions.gov/ for details. Email: HSGGraduateResearchReviews@icfi.com

CFDA Number: 93.600  
Contact: Wendy DeCourcey, Program Officer  
OPRE  
877-350-5913

Program: Refugee Individual Development Accounts (IDA) Program  
Agency: Administration for Children and Families  
Next Deadline: Jun 18, 2019  
Supports efforts to connect newcomer refugees and their communities with resources in order to strengthen organized ethnic communities comprised of refugee populations and ensure ongoing support and services to refugees after resettlement. Applications are encouraged from national, regional or local refugee community organizations that address community building, facilitate cultural adjustment, and integration. See http://www.acf.hhs.gov/grants/open/foa/index.cfm?switch=searchresult&type=office&param=ORR&page=ORR Email: Yimeem.Vu@acf.hhs.gov

CFDA Number: 93.576  
Contact: Yimeem Vu, Program Manager  
ORR  
202-401-4825

Program: Research and Conference Grant Programs  
Agency: Alzheimer's Association  
Next Deadline: Jul 2019  
Funds a wide variety of investigations by scientists less than 10 years past their doctoral degree. Annual deadline; awards and deadlines vary across funding mechanisms. See https://www.alz.org/research for updates. Email: grantsapp@alz.org

CFDA Number: N/A  
Contact: Dean Hartley, Director of Science Initiatives  
312-335-5747
**Agency:** American Diabetes Association  
**Next Deadline:** Jul 01, 2019  
Supports research to fight against the deadly consequences of diabetes and fight for those affected by diabetes through several grants. Current programs are Core, funding basic, clinical, translational and epidemiological or health services research (7/15) and Pathway, supporting new investigators and new perspectives to diabetes research from different backgrounds and experience (7/1). See http://professional.diabetes.org/research-grants for details. Email: grantquestions@diabetes.org

**Agency:** Doris Duke Charitable Foundation  
**Next Deadline:** May 31, 2019  
The foundation generally awards multi-year grants that range from $100,000 to $1 million. The foundation's grantmaking focuses on the following initiatives: Arts, Child Well-being, Environment, Medical Research, Building Bridges and African Health Initiative. Deadlines vary. See http://www.ddcf.org/grants/ for updates on open competitions. Email: ddcfcrf@aibs.org

**Agency:** American Heart Association  
**Next Deadline:** Jul 17, 2019  
Supports a wide range of research and training awards in cardiovascular disease and stroke. Some deadlines are for required LOIs Awards include: Established Investigator Award: (10/10); Institutional Research Enhancement Award (7/17); Institutional Undergraduate Student Award (9/18); Predoctoral (8/14) and Postdoctoral (8/15); Collaborative Sciences Award (10/8); Innovative Project Award (10/22); Transformational Project Award (TBD) and Career Development (10/15). Other programs may be available. See http://tinyurl.com/z29dpdd for details. Email: apply@heart.org

**Agency:** Foundation for Child Development  
**Next Deadline:** Jun 10, 2019  
Supports fellowships for basic & policy-relevant research focused on early education and development of children (from birth to 8 years old) who experience the effects of poverty or discrimination in the U.S. Applications are encouraged from scholars representing a wide range of disciplines and approaches. Program supports up to six fellowships for research collecting primary data (up to $225,000) and secondary data (up to $180,000). Deadline is for required LOI. Eligible researchers must have received their doctoral degrees within one to eight years of submission; ten years for physician applicants. No phone inquiries accepted. See http://fcd-us.org/our-work/young-scholars-program for updates. Email: ysp@fcd-us.org.
**Program:** Rural Health Funding Opportunities  
**Agency:** Health Resources and Services Administration  
**Next Deadline:** Jul 2019

Supports development of new and innovative health care delivery systems in rural communities that lack essential care services. Emphasis on service through collaboration, requiring consortia of at least two partners. Applicants may address health care needs of a wide range of population groups and to deliver many different types of health care and health care related services in rural communities. IHEs may partner. Multiple opportunities available throughout the year. See https://www.hrsa.gov/ruralhealth/programopportunities/fundingopportunities/default.aspx for details.  
Email: mmikre@hrsa.gov

**CFDA Number:** 93.912
**Contact:** Meriam Mikre, Outreach Program Coordinator  
ORH  
301-945-3110

**Program:** Research Grants  
**Agency:** Lung Cancer Research Foundation  
**Next Deadline:** Jun 14, 2019

LCRF welcomes applications for medical/scientific research projects covering all aspects of lung cancer research. Focus areas include: Basic science; Translational research; Clinical research; Supportive care; and Quality of care/outcomes. Grant requests can include new project submissions, as well as requests for renewal of current funding. Competition open to U.S. and international researchers, including graduate students. Awards are up to $150,000 over two years. Deadlines vary according to program. Email: grants@lungfund.org See https://www.lungcancerresearchfoundation.org/research/funding-opportunities for details

**CFDA Number:** N/A
**Contact:** Sarah Seigel, Program Officer (ext. 130)  
212-588-1580

**Program:** Assay Validation for High Quality Markers for NCI-Supported Clinical Trials (UH2/UH3)  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 10, 2019

This FOA seeks to improve the development and validation of molecular diagnostics for the treatment, control, or prevention of cancer (UH2/UH3). Areas of interest include the validation of prognostic, predictive or response markers for treatment and markers for cancer control or prevention trials. Annual deadlines: 2/13, 7/10 and 10/8 through 10/9/20. Optional companion funding is available. See http://grants.nih.gov/grants/guide/pa-files/PAR-18-317.html for details.

**CFDA Number:** 93.394
**Contact:** Contacts vary by subject area  
NCI
**Program:** Integrating Biospecimen Science Approaches into Clinical Assay Development (U01 Clinical Trial Not Allowed)

**Agency:** National Institutes of Health

**Next Deadline:** Jul 11, 2019

Supports research addressing and mitigating challenges facing clinical assay development and subsequent analytical validation due to preanalytical variability in tumor tissue biopsies and blood biospecimens utilized as "liquid biopsies". The goal is to improve the understanding of how analytical quantification of clinically relevant biomarkers is affected by variation in biospecimen collection, processing, and storage procedures. LOI's are due 30 days prior to deadline. Annual deadlines: March, July, September and November through 7/21/21. See https://grants.nih.gov/grants/guide/pa-files/PAR-18-947.html Email: abhi.rao@nih.gov

**CFDA Number:**

**Contact:** Abhi Rao, Program Officer
240-276-5715

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**Program:** Research on Current Topics in Alzheimer's Disease and Its Related Dementias (R21 Clinical Trial Not Allowed)

**Agency:** National Institutes of Health

**Next Deadline:** Jul 09, 2019

Supports new tests, animal models, techniques, etc. to advance research on Alzheimer's disease and its related dementias and which need additional preliminary data with broader dissemination to establish them for more general use in this research field. Annual deadlines: 3/11, 7/9 and 11/12 through 11/13/21. See https://grants.nih.gov/grants/guide/pa-files/PAR-19-071.html for details. Email: BarrR@mail.nih.gov

**CFDA Number:**

**Contact:** Robin A. Barr, Program Officer
NIA
301-402-7715

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**Program:** Clinical Observational Studies in Musculoskeletal, Rheumatic & Skin Diseases (R01)

**Agency:** National Institutes of Health

**Next Deadline:** Jul 02, 2019

Supports clinical observational studies on musculoskeletal, rheumatic, or skin diseases or conditions. Specific examples of research areas of interest include: characterizing the frequency and/or severity of disease associated symptoms, correlation studies comparing biomarker to other outcome measures, testing clinical study recruitment strategies, collecting adverse event information, and collecting standard of care data. Optional LOI due 30 days before application deadline. Annual deadlines: March, July and November through 11/4/20. See https://grants.nih.gov/grants/guide/pa-files/PAR-18-597.html for details.

**CFDA Number:** 93.846

**Contact:** Contacts Vary by Institute
NIAMS

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**Program:** Bioengineering Research Partnerships (U01 Clinical Trial Required)

**Agency:** National Institutes of Health

**Next Deadline:** Jul 05, 2019

Supports bioengineering applications that accelerate the development and adoption of promising tools and technologies that can address important biomedical problems. Awards focus on supporting multidisciplinary teams that apply an integrative, quantitative bioengineering approach to developing technologies, and engage biomedical researchers or clinicians throughout a 5-10 year project. Annual deadlines: 3/5, 7/5 and 11/5 through 1/8/22. See https://grants.nih.gov/grants/guide/pa-files/PAR-19-157.html for details. Email: Seila.Selimovic@nih.gov

**CFDA Number:** 93.286

**Contact:** Seila Selimovic, Program Director
NIBIB
301-451-4577

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**Program:** Digestive Diseases Research  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
Supports ongoing research on fundamental aspects of the physiological & biochemical processes associated with diseases of the gastrointestinal tract, including neuroendocrinology; digestion (includes research on digestive enzymes, gene expression, intestinal transplantation, ulcers, & diseases of the salivary glands); motility; liver & biliary; pancreas; & gastrointestinal immunology (including inflammatory bowel disease, gastritis & AIDS). Annual deadline: accepts unsolicited applications on any relevant topic. Call to determine interest. See https://www.niddk.nih.gov/research-funding/research-programs#digestive-diseases  
Email: hamiltonf@mail.nih.gov

**CFDA Number:** 93.848  
**Contact:** Frank Hamilton, Chief, Digestive Disease Programs  
NIDDK  
301-594-8877  
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**Program:** Endocrinology Research  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
Supports investigator-initiated basic & clinical research on the normal and abnormal function of the pituitary, thyroid, parathyroid, adrenal, pineal, & thymus glands, including research on the mode of action of hormones, their biosynthesis, secretion, & metabolism, as well as their binding to protein carriers. Program supports research on endocrine aspects of AIDS. Annual deadline: applications are accepted anytime, even when there are no relevant RFAs or PAs. Call to determine interest. See http://www2.niddk.nih.gov/Research/ScientificAreas/Endocrinology/ for details.  
Email: bratati.chowdhury@nih.gov

**CFDA Number:** 93.847  
**Contact:** Bratati Chowdhury, Program Analyst Operations, NIDDK Advisory Council  
NIDDK  
301-594-8843  
--------------------------------------------

**Program:** NIH Obesity Research  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
NIH supports a broad spectrum of obesity-related research, including research toward preventing & treating obesity through lifestyle modification & through pharmacologic, surgical, or other medical approaches; & research toward breaking the link between obesity & associated health conditions; & cross-cutting research topics, including health disparities, technology, fostering of interdisciplinary research teams, investigator training, & translational research. Applications accepted when no relevant RFAs or PAs exist. See https://www.obesityresearch.nih.gov/funding/funding.aspx  
Email: hunterchristine@mail.nih.gov

**CFDA Number:** 93.847  
**Contact:** Christine Hunter, Director  
NIDDK  
301-594-4728  
--------------------------------------------

**Program:** Time-Sensitive Obesity Policy and Program Evaluation (R01)  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 11, 2019  
Supports research where opportunities for empirical study are, by their very nature, only available through expedited review and funding. All applications submitted to this FOA must demonstrate that the evaluation of an obesity related policy and /or program offers an uncommon and scientifically compelling research opportunity that will only be available if the research is initiated with minimum delay. For these reasons, applications submitted to this time-sensitive FOA are not eligible for re-submission. Annual deadlines: applications due on the 10th-14th of each month through 9/11/21. Funding will be awarded within four months. See https://grants.nih.gov/grants-guide/pa-files/PAR-18-854.html for details.  
Email: ch514c@nih.gov

**CFDA Number:** 93.847  
**Contact:** Mary Evans, Program Officer  
NIDDK  
301-594-4578  
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Program: Urological Research
Agency: National Institutes of Health
Next Deadline: Jul 2019
Supports fundamental research on the bladder, prostate, urinary tract, and external genitalia. The portfolio supports studies that investigate biochemistry, cell and molecular biology, metabolism, transport, and whole-organ physiology and how abnormalities in these processes contribute to noncancerous disease. Annual deadline: accepts unsolicited applications on any relevant topic year-round. See for details. Email: mullinse@mail.nih.gov

CFDA Number: 93.849
Contact: Christopher Mullins, Urology Cell Biology
NIDDK
301-451-4902
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Program: Diabetes Research
Agency: National Institutes of Health
Next Deadline: Jul 2019
Supports studies on the etiology, pathogenesis, prevention, diagnosis, treatment & cure of diabetes mellitus & its complications. Interests: genetic & environmental factors underlying development of diabetes; autoimmunity; pancreatic islet development; islet secretion & action; adipocyte biology; glucose sensors & transport; behavioral research; hypoglycemia; epidemiology; complications; therapeutics; & clinical trials. Accepts unsolicited applications on any relevant topic. Call to determine interest. Annual deadlines vary based on funding mechanism. See https://www.niddk.nih.gov/about-niddk/research-areas/diabetes for details. Email: fradkinj@mail.nih.gov

CFDA Number: 93.847
Contact: Judith Fradkin, Director, Div. of Diabetes, Endocrinology & Metabolic Diseases
NIDDK
301-594-8843
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Program: Chronic Kidney Disease Program
Agency: National Institutes of Health
Next Deadline: Jul 2019
Supports research on causes, mechanisms & pathophysiology; morphological & functional markers & diagnostic measures; underlying mechanisms leading to progression of renal disease; functional adaptation to progressive nephron loss & natural history of progressive renal diseases. Of special interest are studies of inherited diseases (i.e. polycystic kidney disease, congenital kidney disorders, & immune-related glomerular diseases including IgA nephropathy & the hemolytic uremic syndrome). Annual deadlines vary by mechanism. NIDDK accepts unsolicited applications on any relevant topic. See https://www.niddk.nih.gov/research-funding/current-opportunities for details. Email: bratati.chowdhury@nih.gov

CFDA Number: 93.849
Contact: Bratati Chowdhury, Director, Extramural Policy; Operations & Research Evaluation
NIDDK
301-594-8843
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Program: Nutrition Research at NIDDK
Agency: National Institutes of Health
Next Deadline: Jul 2019
Divison of Nutrition Research coordinates nutrition research and research training across NIH and maintains the Human Nutrition Research Information Management database, the Nutrition Calendar and education materials. Accepts unsolicited applications on any relevant topic. See https://www.niddk.nih.gov/about-niddk/offices-divisions/office-nutrition-research for details. Email: nutritionresearch@mail.nih.gov

CFDA Number: 93.848
Contact: Christopher J. Lynch, Director
NIDDK
301-827-3988
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**Program:** Environmental Health Sciences Research  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
Supports a broad range of research aimed at understanding & preventing disease caused by environmental agents. Research areas include: exposure of population groups to environmental pollutants; effects of toxins on biochemical processes in the body; pharmacodynamics of chemical substances in the body; molecular, biochemical and physiological mechanisms of toxicity; and development of methods for health hazard assessment of environmental chemicals. Annual deadline: accepts unsolicited applications on any relevant topic. Call to inquire before submitting an application. See http://tinyurl.com/ka6hz98 for more details. Email: thomps14@niehs.nih.gov  
**CFDA Number:** 93.892  
**Contact:** Linda S. Birnbaum, Director NIEHS & NTP  
NIEHS  
919-541-3201

**Program:** Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R21)  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
Supports environmental health research in which an unpredictable event provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the FOA is to understand the consequences of natural and man-made disasters or emerging environmental public health threats in the U.S. and abroad. A distinguishing feature of an appropriate study is the need for rapid review and funding (substantially shorter than the typical NIH grant review/award cycle) in order for the research question to be addressed and swiftly implemented. Annual deadlines: applications accepted monthly through 9/4/19. See https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-16-005.html for details. Email: barnes@niehs.nih.gov  
**CFDA Number:** 93.279  
**Contact:** Martha Barnes  
NIEHS  
984-287-3235

**Program:** Psychotic Disorders Research Program  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 2019  
Program supports unsolicited (investigator-initiated) research into the origins, onset, course, and outcome of schizophrenia spectrum disorders and other psychotic psychopathology. Program goals are to discover mechanisms that transform vulnerability characteristics into active illness; to identify valid markers of illness onset; to develop psychometrically sound methods for assessing the cognitive, affective, and behavioral response systems believed to underpin clinical symptoms and functional impairments; and ultimately to channel scientific findings from each of these areas into the development of effective methods of mental illness prevention, treatment, and rehabilitation. Applications accepted even when there are no relevant RFAs or PAs. Additional deadlines vary by funding mechanism. See http://www.nimh.nih.gov/funding for details. Email: sarah.morris@nih.gov  
**CFDA Number:** N/A  
**Contact:** Sarah Morris, Program Chief  
NIMH  
301-443-9233

**Program:** CREATE Bio Development Track: Nonclinical and Early-Phase Clinical Development for Biologics (U44)  
**Agency:** National Institutes of Health  
**Next Deadline:** Jul 18, 2019  
Supports the development of therapeutic biotechnology products and biologics (e.g., peptides, proteins, oligonucleotides, gene and/or cell therapies) for disorders that fall under the NINDS mission. Annual deadlines: 2/13, 7/18 through 9/8/20. Companion funding is available, including SBIR opportunities. See https://grants.nih.gov/grants/guide/pa-files/PAR-18-543.html for details. Email: christoffel.boshoff@nih.gov  
**CFDA Number:** 93.853  
**Contact:** Chris Boshoff, Program Officer  
NINDS  
301-496-1779
Program: Neurological Disorders and Stroke Research
Agency: National Institutes of Health
Next Deadline: Jul 2019
Supports biomedical research on disorders of the brain and nervous system, and funds unsolicited research on disorders of youth (cerebral palsy, epilepsy, learning disabilities); in adulthood (head and spinal cord injury, multiple sclerosis, brain tumors); and in old age (stroke, Huntington's, Parkinson's, dementia). Programs include: Channels, Synapses and Neural Circuits; Neural Environment; Neurodegeneration; Neurogenetics; Repair and Plasticity; and Systems and Cognitive Neuroscience. Annual deadline: applications accepted anytime. Call to determine interest. See http://www.ninds.nih.gov/funding/areas/index.htm
Email: adamsamy@mail.nih.gov
CFDA Number: 93.854
Contact: Amy Adams, Director
NINDS
301-435-0110

Program: Repair and Plasticity Research
Agency: National Institutes of Health
Next Deadline: Jul 2019
Supports unsolicited (investigator-initiated) research in spinal cord injury, traumatic brain injury, recovery of function, plasticity of the nervous system, neural circuits that underlie specific behaviors, repair of the nervous system in injury and disease, stem cell biology, neural prosthetic, neuroengineering, and other means of repairing the nervous system in injury and disease. Annual deadlines: applications may be submitted even when there are no relevant RFAs or PAs. Call to determine interest. See https://www.ninds.nih.gov/Funding/Find-Funding-Opportunities for details. Email: psfb@mail.nih.gov
CFDA Number: 93.853
Contact: Patrick Bellgowan, Program Director
NINDS
301-496-1447
Program: Science Education Partnership Award (SEPA) (R25)
Agency: National Institutes of Health
Next Deadline: Jul 09, 2019
SEPA's (R25) goal is to invest in educational activities that enhance training for the nation’s biomedical, behavioral and clinical research needs. This FOA supports the development of innovative educational activities for pre-K-12 teachers and students from underserved communities with a focus on Courses for Skills Development, Research Experiences, Mentoring Activities, Curriculum or Methods Development or Informal science Education (ISE) exhibits, and Outreach activities. Limited submission: one application per institution. Optional letters of intent are due 30 days prior to the application date. Only one application per institution is allowed. Annual deadline: 11/20/17; 7/9/18 and 7/9/19. Expires 7/10/19. See https://grants.nih.gov/grants/guide/pa-files/PAR-17-339.html for details. Email: beckl@mail.nih.gov
CFDA Number: 93.351
Contact: Tony Beck, Program Officer ORIP 301-435-0805

Program: Research Grants and Awards
Agency: Orthopaedic Research and Education Foundation
Next Deadline: Jul 05, 2019
Supports independent, peer-reviewed musculoskeletal research and education that orthopaedic surgeons can apply in daily practice. Wide range of programs that impact orthopaedic practice. Individual grants and awards support investigators and educators that range from $5,000 for one year up to $300,000 over three years. Deadlines vary and refer to required LOIs. See http://www.oref.org/grants-and-awards/grant-programs for updates. Email: grants@oref.org
CFDA Number: N/A
Contact: Grants Team 847-430-5109

Program: MS Funding Opportunities
Agency: National Multiple Sclerosis Society
Next Deadline: Jul 31, 2019
Supports many opportunities for multiple sclerosis research. No topic restrictions are imposed, but NMSS requests PIs contact them before submitting a proposal regarding appropriateness of their research plan. Research Grants (required pre-applications due 2/6 and 7/31) support fundamental and applied studies, non-clinical or clinical. Pilot Research Grants (required pre-applications are due 1/7, 5/6 and 9/9) support one year's research to gather sufficient preliminary data to apply for longer-term funding. Other awards are available—many with August deadlines. See http://www.nationalmssociety.org/For-Professionals/Researchers. Email: claude.schofield@nmss.org
CFDA Number: N/A
Contact: Claude Schofield, Director of Discovery Research 202-256-5526

Program: Research Grants and Fellowships
Agency: Paralyzed Veterans of America Research Foundation
Next Deadline: Jul 01, 2019
Focus is on funding projects that are grounded in basic laboratory science and the education of scientists working on breakthroughs directed toward a cure for paralysis or the secondary medical conditions, and technologies associated with spinal cord injury or disease (SCI/D). Also supports the design and development of assistive technology for people with SCI/D and fellowships for postdoctoral scientists, clinicians and engineers to encourage training and specialization in the field of spinal cord research. Annual deadline: 4/1-7/1 See https://www.pva.org/research-foundation for details. Email: cherylv@pva.org
CFDA Number: N/A
Contact: Cheryl Vines, Director of Research and Education 202-256-5526
**Program:** Rural Health and Safety Education Competitive Grants Program  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** Jun 10, 2019  
Supports effective programs and services to provide timely and adequate health information and promotion opportunities to a diverse audience of rural residents of any age with consideration for health and life stage, healthy living behaviors, health literacy and social opportunities for individuals and families to engage in promotion of their own health and health of others. Only Land-Grant IHEs are eligible to apply, but subcontracts are also available. See http://tinyurl.com/nc95c3l for updates when available. Email: ashipley@nifa.usda.gov  
**CFDA Number:** 10.500  
**Contact:** Ahlishia J’Nae Shipley, National Program Leader  
NIFA  
202-401-6854

**Program:** Lung Cancer Research Program  
**Agency:** U.S. Department of Defense  
**Next Deadline:** May 15, 2019  
Promotes research focused on the development of integrated components to identify, treat, and manage early curable lung cancer and the establishment of a tissue bank. Projects should show military relevance, through cooperation with military researchers or use of veterans in studies. FY 19 mechanisms include: Idea Development Award; Investigator-Initiated Translational Research Award; Translational Research Partnership Award (all 5/15/19); Concept Award (TBD) and Career Development Award (8/1/19) Deadlines refer to required pre-proposals. See http://cdmrp.army.mil/lcrp/default for details. Email: help@cdmrp.org  
**CFDA Number:** 12.420  
**Contact:** Program Staff  
AMRMC  
301-682-5507

**Program:** Autism Research Program  
**Agency:** U.S. Department of Defense  
**Next Deadline:** May 01, 2019  
Autism Spectrum Disorder (ASD) encompasses a range of complex developmental disorders characterized by mild to severe challenges to social, emotional and communication abilities. Program supports innovative research that advances the understanding of ASD and leads to improved treatment outcomes. Focuses include improving diagnosis, treatment, and studying psychosocial factors for affecting key life time transitions to independence. FY 19 mechanisms include: Clinical Trial Award (5/1); Clinical Translational Research Award (5/1); and Idea Development Award (5/1). Deadline is for required pre-applications. See http://cdmrp.army.mil/arp/default for details. Email: help@eBRAP.org  
**CFDA Number:** 12.420  
**Contact:** Program Staff  
AMRMC  
301-682-5507

**Program:** Multiple Sclerosis Research Program (MSRP)  
**Agency:** U.S. Department of Defense  
**Next Deadline:** May 21, 2019  
Supports research projects to prevent the occurrence, cure, reverse, or slow the progression of multiple sclerosis. Focus areas include: Obstacles to Remyelination and/or Obstacles to Axonal Protection in MS; Correlates of Disease Activity and Progression in MS; and Biology and Measurements of MS Symptoms. FY 19 mechanisms include: Exploration-Hypothesis Development Award; and Investigator-Initiated Research Award. Deadline refers to required pre-application. See http://cdmrp.army.mil/msrp/default for details. Email: usarmy.detrick.medcom-cdmrp.mbx.cdmrp-public-affairs@mail.mil  
**CFDA Number:** 12.420  
**Contact:** Program Staff  
AMRMC  
301-619-9783
**Program:** Prostate Cancer Research Program  
**Agency:** U.S. Department of Defense  
**Next Deadline:** Jun 06, 2019  
Supports innovative research focused on eliminating death and suffering from prostate cancer. FY 19 mechanisms include: Idea Development Award (6/6); Physician Research Award (6/6); and Early Investigator Research Award (6/6). Deadlines refer to required pre-applications. Funding levels vary by mechanism. See http://cdmrp.army.mil/pcrp/default for updates. Email: help@eBRAP.org

**CFDA Number:** 12.420  
**Contact:** Program Staff  
AMRMC  
301-682-5507

**Program:** Spinal Cord Injury Research Program  
**Agency:** U.S. Department of Defense  
**Next Deadline:** May 29, 2019  
Supports innovative projects with the potential for significant impact on improving spinal cord function, wellness, and overall quality of life for affected service members and their caregivers, families, and the public. FY 19 funding mechanisms include: Clinical Trial Award, Investigator-Initiated Research Award, and Translational Research Award (7/9). Deadline refers to required pre-applications. Funding varies by award mechanism. See https://cdmrp.army.mil/scirp/default for updates. Email: help@eBRAP.org

**CFDA Number:** 12.420  
**Contact:** Program Staff, CDMRP Help Desk  
CDMRP  
301-682-5507

**Program:** Bone Marrow Failure Research Program (BMFRP)  
**Agency:** U.S. Department of Defense  
**Next Deadline:** Jun 06, 2019  
The BMFRP challenges the scientific community to design innovative research that will advance the understanding of inherited and acquired bone marrow failure diseases, and to improve the health and life of individuals living with these diseases, with the ultimate goal of finding cures. FY19 mechanism: Idea Development Award (6/6). Deadline refers to required pre-applications. This funding opportunity is open to established and early career investigators. Post-doctoral fellows are not eligible. See http://cdmrp.army.mil/bmfrp/default for details. Email: help@eBRAP.org

**CFDA Number:** 12.420  
**Contact:** CDMRP Help Desk  
CDMRP  
301-682-5507

**Program:** Neurofibromatosis Research Program  
**Agency:** U.S. Department of Defense  
**Next Deadline:** May 23, 2019  
Supports innovative research aimed at understanding, diagnosing, and treating neurofibromatosis (NF). Research focuses include disease markers, drug discovery, health services, pain mechanisms, manifestations, and modifiers related to both NF1 and NF2, distinct genetic disorders of the nervous system. FY 19 mechanisms include: Clinical Trial Award, Exploration-Hypothesis Development Award, Investigator-Initiated Research Award, New Investigator Award and Early Investigator Research Award. Deadline refers to required pre-applications. See https://cdmrp.army.mil/nfrp/default for details. Email: help@eBRAP.org

**CFDA Number:** 12.420  
**Contact:** Program Staff  
CDMRP  
301-682-5507
**Program:** Tick-Borne Disease Research Program
**Agency:** U.S. Department of Defense
**Next Deadline:** May 22, 2019
Program supporting research focused on understanding the pathogenesis of Lyme disease and other tick-borne illness and on delivering innovative solutions to prevent and better diagnose and treat their manifestations. Deadlines reflect mandatory pre-application deadlines. Focus areas include: Pathogenesis; Prevention; Diagnosis; and Treatment. Funding mechanisms for FY 19 include: Career Development Award (5/22); Idea Award (5/22); and Investigator-Initiated Research Award (5/22). Deadline refers to required pre-applications. See http://cdmrp.army.mil/tbdrp/default for details.

**CFDA Number:** N/A
**Contact:** CDMRP Public Affairs
AMRMC
301-619-9783

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**Program:** Tuberous Sclerosis Complex Research Program
**Agency:** U.S. Department of Defense
**Next Deadline:** Jul 09, 2019
Supports research on Tuberous Sclerosis (TS), a rare genetic, neurological disorder. Projects should be directed toward improved prevention, treatment, or diagnosis of TS and the development of multi-institutional natural history studies to ascertain and analyze patients with TS. FY 19 mechanisms include: Exploration-Hypothesis Development Award; Idea Development Award; and the Clinical Translational Research Award. Deadline refers to required pre-applications. See https://cdmrp.army.mil/tscrp/default for updates.

**CFDA Number:** 12.420
**Contact:** Program Staff
CDMRP
301-682-5507

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**Program:** Postdoctoral Research Fellowships in Basic Biomedical Sciences
**Agency:** Whitney (Helen Hay) Foundation
**Next Deadline:** Jul 01, 2019
Supports postdoctoral research training in all basic biomedical sciences. Eligibility is limited to MDs, Ph.D.s, or the equivalent who have no more than one year of postdoctoral research experience and who received their degree no more than two years (Ph.D.) or three years (MD) before the deadline, or who are in the final stages of their degree. Support is limited to applicants who plan a significant change of venue from the laboratory where they already have received significant training. Stipends start at $54,000 annually with a $1,500 research allowance. See http://hhwf.org/research-fellowship/ for details.

**CFDA Number:** N/A
**Contact:** Robert Weinberger, Program Officer
845-639-6799

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**Program:** ASM Awards and Grants
**Agency:** American Society for Microbiology
**Next Deadline:** Jul 09, 2019
Recognizes major advances the study of microbes--bacteria, viruses, rickettsiae, mycoplasma, fungi, algae and protozoa. Microbiological research includes infectious diseases, recombinant DNA technology, alternative methods of energy production and waste recycling, environmental problems and industrial processes. ASM offers many awards for researchers (regardless of nationality) at all stages of microbiology study. Current opportunities include: all ASM Award categories. See https://www.asm.org/Academy/ASM-Awards for details.

**CFDA Number:** N/A
**Contact:** Program Office
202-737-3600

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CRDF Global fosters cooperative research and development opportunities for scientists and engineers to address critical societal needs such as global health, climate change, and energy. Several programs available with varying deadlines. Opportunities for funding are available in the form of research grants, fellowships, business plan competitions, technical trainings, laboratory upgrades, and travel support to attend professional conferences and events. Recent opportunities include e-Asia Joint Research Program [5/14]. See http://www.crdfglobal.org/grants/funding-opportunities for details. Email: info@crdf.org

**Agency:** Civilian Research and Development Foundation Global  
**Program:** Cooperative Grants Program  
**Next Deadline:** Jul 2019  
**CFDA Number:** N/A  
**Contact:** Program Staff  
703-526-9720

Supports projects that benefit the health of the entire Great Lakes ecosystem. Projects must identify a significant, tangible ecological outcome and a pragmatic plan to achieve it. The fund prefers to support projects that take concrete actions to achieve basin-wide ecological results. Support for conferences, environmental education, and basic research are considered only when they are part of a broader, regional action strategy. Annual deadline: pre-proposals may be submitted at any time; feedback provided within three months. Invited full proposals are reviewed at quarterly board meetings. See http://www.glpf.org/working-with-us for details. Email: preproposal@glpf.org

**Agency:** Great Lakes Protection Fund  
**Program:** Grants Program  
**Next Deadline:** Jul 2019  
**CFDA Number:**  
**Contact:** J. David Rankin, Executive Director  
847-425-8150

Supports mammalian genetics research training to discover precise genomic solutions for disease and empower the global biomedical community in the shared quest to improve human health. Postdoctoral Training Appointments for research training at The Jackson Laboratory are awarded to recent (within 0 - 4 years) recipients of a doctoral degree who seek research experience beyond that obtained in graduate or professional school, or in recent postdoctoral training elsewhere. Annual deadline: letters of inquiry are accepted at any time and should include curriculum vitae, statement of research interests, list of publications, and names of three references. See https://www.jax.org/education-and-learning/pre-and-postdoctoral-program/postdoctoral-training for details. Email: postdoc@jax.org

**Agency:** Jackson Laboratory  
**Program:** Postdoctoral Training Grants  
**Next Deadline:** Jul 2019  
**CFDA Number:**  
**Contact:** Postdoc Program Staff, Manager, Sponsored Training Programs

Supports research on human origins and evolution, including paleoanthropology, genetics, primate behavior ecology and morphology, and studies of modern hunter-gatherer groups. General Research Grants range from $3,000 to $15,000 for doctoral students advanced to candidacy, and up to $25,000 for Ph.Ds. Annual deadlines: 1/10, 7/1. Baldwin Fellowships of $15,000 per year are also available for international students (2/15 for new applicants). Individuals may not apply, only academic and research institutions. See https://leakeyfoundation.org/grants/research-grants/ for details. Email: grants@leakeyfoundation.org

**Agency:** Leakey (L.S.B.) Foundation  
**Program:** General Research Grants  
**Next Deadline:** Jul 15, 2019  
**CFDA Number:** N/A  
**Contact:** Paddy Moore, Program Officer (ext. 17)  
415-561-4646
**Program:** Animal Health Grants  
**Agency:** Morris Animal Foundation  
**Next Deadline:** Jul 10, 2019

Supports veterinary research through many programs, including: Small Animal programs (TBD); Large Animal programs (7/10/19); Wildlife/Exotics (11/2018); and Veterinary Student Scholars (3/6/19). Up to $50,000 is available for Established Investigator, Fellowship Training or First Award proposals. Up to $10,000 is available for pilot studies. See http://www.morrisanimalfoundation.org/researchers/ for updates. Email: info@morrisanimalfoundation.org

**CFDA Number:** N/A  
**Contact:** Diane Brown, Chief Scientific Officer  
800-243-2345

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**Program:** Requests for Proposals or Information  
**Agency:** National Academies of Sciences, Engineering and Medicine  
**Next Deadline:** Jul 2019

Promotes operating effectiveness and efficiency in the public transportation industry by conducting practical, near-term research designed to solve operational problems, adopt useful technologies from related industries and introduce innovation. FOAs are released frequently. See http://www.trb.org/Projects/RequestsforProposals.aspx  
Email: cjencks@nas.edu  

**CFDA Number:** N/A  
**Contact:** Christopher Jenks, CRP Director & TCRP Manager  
202-334-3089

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**Program:** Early Career Faculty  
**Agency:** National Aeronautics and Space Administration  
**Next Deadline:** May 01, 2019

Supports university proposals on behalf of faculty members early in their careers as they conduct innovative, early-stage space technology research. Focus areas include: Advancing Human-Robot Teams for Space Exploration; Terrain Mapping and Processing Algorithms; Intelligent Calibration of Constellations of Sensors; and Advanced Thermal Control Materials for Exploration Spacecraft. Optional notices of intent are due by 4/1. A PI may submit only one proposal; there is no limit on applications for universities. See https://www.nasa.gov/directorates/spacetech/strg/archives_stro.html for details. Email: hq-ecf-call@mail.nasa.gov

**CFDA Number:**  
**Contact:** Claudia Meyer, Program Officer  
NASA  
202-358-4458

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**Program:** Research Opportunities in Space and Earth Sciences (ROSES)  
**Agency:** National Aeronautics and Space Administration  
**Next Deadline:** Jul 2019 (tentative)

ROSES supports over 50 programs that are released monthly with varying deadlines and contacts. Supports all aspects of basic and applied research and technology in space and earth sciences. Broad focus areas include: Earth Science; Heliophysics; Planetary Science; Astrophysics; and Crossdivisional research. Specific solicitations vary for each deadline. Notices of intent, when asked for, are requested but not required. Step-1 proposals, when asked for, are mandatory. See https://tinyurl.com/y9gvwxkl for details. Email: mbernstein@mail.arc.nasa.gov

**CFDA Number:**  
**Contact:** Max Bernstein, SMD Lead for Research  
202-358-0879
Program: Grants for Field-Based Scientific Research
Agency: National Geographic Society
Next Deadline: Jul 10, 2019
Supports bold, innovative, and potentially transformative projects that have a primary focus in conservation, education, research, storytelling, or technology. Grants must address one of the three focus areas: Wildlife, Human Journey, and Changing Planet. Funder does not usually consider applications that support strictly laboratory or collections work. Funds support Early Career awards for younger researchers, Exploration awards and RFPs. Awards range from $5,000-$30,000 depending on award type. See https://www.nationalgeographic.org/grants for details. Email: cre@ngs.org
CFDA Number: N/A
Contact: Committee for Research and Exploration
800-647-5463
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Program: Advanced Manufacturing
Agency: National Science Foundation
Next Deadline: Jul 2019
Notice supporting projects that accelerate advances in manufacturing technologies with emphasis on multidisciplinary research that fundamentally alters and transforms manufacturing capabilities, methods and practices. Focus areas include: manufacturing systems; materials processing; manufacturing machines; methodologies; and manufacturing across the length scales. Researchers working in the areas of cybermanufacturing systems, manufacturing machines and equipment, materials engineering and processing, and nanomanufacturing are encouraged to transcend and cross domain boundaries. Annual Deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505572 for details. Email: AdvancedManufacturing@nsf.gov
CFDA Number:
Contact: Khershed Cooper, Program Officer
ENG
703-292-7017
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Program: Crosscutting Activities in Materials Research
Agency: National Science Foundation
Next Deadline: Jul 2019
Notice seeking applications to coordinate and support crosscutting activities within the Division of Materials Research-- and more broadly across NSF-- with an emphasis on diversity and inclusion, international cooperation, and education (including experiential learning at REU/RET Sites). Proposals are welcome that do not fit elsewhere at NSF that are also highly relevant for the materials research and education community. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505350 for details. Email: lmadsen@nsf.gov
CFDA Number:
Contact: Lynnette Madsen, Program Director
MPS
703-292-4936
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Program: Electrochemical Systems
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports proposals on fundamental engineering research that will enable innovative processes involving electro- or photochemistry for the sustainable production of electricity, fuels, and chemicals. Processes for sustainable energy and chemical production must be scalable, environmentally benign, reduce greenhouse gas production, and utilize renewable resources. Research projects that stress fundamental understanding of phenomena that directly impact key barriers to improved system or component-level performance (e.g., energy efficiency, product yield, process intensification) are encouraged. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505558 for details. Email: cread@nsf.gov
CFDA Number:
Contact: Carole Read, Program Director
ENG
703-292-2418
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**Program:** Faculty Early Career Development (CAREER) Program  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 17, 2019  
Agency-wide program provides NSF's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education, and the integration of education and research within the context of their organizations' mission. Awards build a firm foundation for a lifetime of leadership in integrating education and research. BIO, CISE, EHR, proposals due 7/17; ENG proposals due 7/18; and GEO, MPS, SBE proposals due 7/19. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214 for updates.

**CFDA Number:** 47.050  
**Contact:** Contacts Vary by Division

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**Program:** Partnerships for Innovation  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 10, 2019  
Offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit. Funds support two project tracks: The Technology Translation track offers an NSF-funded researcher the opportunity to advance his or her prior NSF-funded research results towards developing technological innovations with promising commercial potential and societal impact; and The Research Partnerships (PFI-RP) track provides an opportunity to support technology development activities through a multi-organization collaboration. Limited submission: An organization may not submit more than one new or resubmitted PFI-RP proposal. See http://tinyurl.com/q8x4tju for details. Email: jsoriano@nsf.gov

**CFDA Number:**  
**Contact:** Jesus Soriano, Program Director  
NSF-wide  
703-292-7795

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**Program:** Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports efforts to contribute to a national innovation ecosystem that builds upon fundamental research to guide the output to facilitate the application of scientific discoveries closer to the development of technologies, products and processes that benefit society. Project teams will gain access to resources to help determine the readiness of transition technology developed by previously-funded or currently funded NSF projects. Annual deadline: proposals are accepted at any time, with a cognizant NSF Program Officer's invitation. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504672 for details. Email: crwalker@nsf.gov

**CFDA Number:**  
**Contact:** Cindy WalkerPeach, Program Manager  
703-292-8437

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**Program:** Facilitating Research at Primarily Undergraduate Institutions  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
This NSF-wide activity includes two components: Research in Undergraduate Institutions (RUI) supports faculty in research that increases their engagement, builds capacity at the home institution, and integrates research and undergraduate education. Research Opportunity Awards (ROA) support faculty working as visiting scientists at research-intensive organizations where they collaborate with other NSF-supported investigators. Verify institutional eligibility and contact the relevant disciplinary program director prior to any submission. Annual deadline: proposals accepted anytime. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5518 for details. Email: info@nsf.gov

**CFDA Number:** 47.071  
**Contact:** Contacts Vary
Program: Biological Anthropology
Agency: National Science Foundation
Next Deadline: Jul 22, 2019 (target date)
Supports basic research in areas related to human evolution and contemporary human biological variation. Supported research areas include human genetic variation, human adaptation, human osteology and bone biology, human and nonhuman primate paleontology, functional anatomy, and primate socioecology. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5407 for updates. Annual Deadlines: January 22 (January 21 in 2020) and July 22. Program also supports doctoral dissertation research improvement grants. Annual deadlines: January 22 (January 21 in 2020) and July 22 (July 20 in 2020). See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505067 for details. Email: rferrell@nsf.gov

CFDA Number:
Contact: Rebecca Ferrell, Program Director
BIO
703-292-7850

Program: Collections in Support of Biological Research
Agency: National Science Foundation
Next Deadline: Jul 01, 2019
Supports enhancements that secure and improve existing research collections, improve the accessibility of collection-related data, develop capacity for curation and collection management, and to transfer ownership of collections that are significant to the NSF BIO-funded research community. Funds support three tracks: Natural History Collections; Living Stocks; and Transfer of Ownership. Annual deadline: proposals are accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505541 for details. Email: rsbeaman@nsf.gov

CFDA Number:
Contact: Reed Beaman, Program Director
BIO
703-292-7163

Program: Cyberinfrastructure for Biological Research
Agency: National Science Foundation
Next Deadline: Jul 01, 2019
Supports proposals that offer potentially transformative outcomes through the development of informatics tools and resources that (1) offer novel and significant advances in the use of biological data and/or (2) will enable and stimulate advances through their impact on a significant segment of the biological research community supported by the NSF BIO Directorate. Higher priority will be placed on proposals to create computational tools and data resources that are applicable to a broad range of biological research questions and shared by a broad user community. Proposals to develop tools or databases that are limited to a specific research project, laboratory, or institution should be submitted to the relevant BIO programs that would normally support that research. Annual deadline: proposals are accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505538 for details.

CFDA Number:
Contact: Peter McCartney, Program Director
BIO
703-292-8470

Program: Improvements to Biological Field Stations and Marine Labs (FSML)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports biological research and education at NSF’s Biological Field Stations and Marine Laboratories, which are off-campus facilities for research and education conducted in the natural habitats of terrestrial, freshwater, and marine ecosystems. Funds support projects that provide modern research and educational facilities, equipment, communications and data management for a broad array of users. Annual deadline: proposals accepted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5449 for updates. Email: kbinkley@nsf.gov

CFDA Number: 47.074
Contact: Peter McCartney, Program Director
BIO
703-292-8470

--------------------------------------------
**Program:** Infrastructure Innovation for Biological Research  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports new and innovative research in biological informatics, instrumentation and associated methods, as well as multidisciplinary approaches to these broad themes that address needs in basic biological research. These awards support pioneering approaches that develop de novo infrastructure, significantly redesign existing infrastructure, or apply existing infrastructure in novel ways. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505459 for details. Email: rfleisch@nsf.gov

**CFDA Number:**  
**Contact:** Robert Fleischmann, Program Director  
BIO  
703-292-7191

**Program:** Instrument Capacity for Biological Research  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Notice seeking proposals that specifically enable increased access to state of the art instrumentation in support of the biological sciences by (1) increasing access to a community of users through broadening of dissemination of such instrumentation, and (2) broadening access to state-of-the-art instrumentation and facilities at a regional or national level. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505542 for details. Email: rfleisch@nsf.gov

**CFDA Number:**  
**Contact:** Robert Fleischmann, Program Director  
BIO  
703-292-7191

**Program:** Plant Biotic Interactions  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports research on the processes that mediate beneficial and antagonistic interactions between plants and their viral, bacterial, oomycete, fungal, plant, and invertebrate symbionts, pathogens and pests. Projects must be strongly justified in terms of fundamental biological processes and/or relevance to agriculture and may be purely fundamental or applied, or include aspects of both perspectives. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505267 for details. Email: mmishkin@nsf.gov

**CFDA Number:**  
**Contact:** Michael Mishkind, Program Director  
BIO  
703-292-7190

**Program:** Engineering Design and System Engineering (EDSE)  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports fundamental research into the basic processes and phenomena of engineering design and systems engineering. Funds support research leading to how processes, organizational structure, social interactions, strategic decision making, and other factors impact success engineering design/systems engineering projects. Focus areas include: decision making under uncertainty; problem decomposition and decision delegation; applications of reverse game theory; computer-aided design; design representation; design optimization; uncertainty quantification; and advanced computational techniques for supporting effective human cognition, decision making, and collaboration. Annual deadline: proposals accepted at any time. See http://tinyurl.com/y97zaf7d for details. Email: gaklutke@nsf.gov

**CFDA Number:**  
**Contact:** Georgia-Ann Klutke, Program Director  
CMMI  
703-292-2443
Program: CyberCorps Scholarship for Service (SFS)
Agency: National Science Foundation
Next Deadline: Jul 31, 2019
Supports efforts to establish or to continue scholarship programs in cybersecurity. All scholarship recipients must 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. A proposing institution must provide clearly documented evidence of a strong existing academic program in cybersecurity. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504991 for details Email: vpiotrow@nsf.gov

CFDA Number: 47.076
Contact: Victor Piotrowski, Lead Program Director EHR 703-292-5141

Program: STEM + Computing K-12 Education
Agency: National Science Foundation
Next Deadline: May 01, 2019
Supports efforts to develop new approaches to pre-K-12 STEM teaching and learning related to Harnessing the Data Revolution, Convergence Research and the Future of Work at the Human-Technology Frontier with particular focus on research and development of interdisciplinary and transdisciplinary approaches to promote the integration of computing within STEM teaching and learning for pre K-12 students in both formal and informal settings. See http://tinyurl.com/z9vf45l for details. Email: adestrul@nsf.gov

CFDA Number: 47.076
Contact: Arlene M. de Strulle, Program Director EHR 703-292-8109

Program: Historically Black Colleges & Universities Undergraduate Program (HBCU-UP)
Agency: National Science Foundation
Next Deadline: Jul 23, 2019
Enhances quality of undergraduate STEM education and research at HBCU campuses to broaden participation in STEM through several distinct tracks. Annual deadlines: fourth Tuesday in July for required LOIs for Research Initiation Awards and Excellence in Research Projects; and first Tuesday in September for required LOIs for Targeted Infusion, Broadening Participation Research Projects, Implementation, and ACE Implementation. Limited submission: two proposals per institution for all awards but centers and implementation, which allow only one. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5481 Email: crankins@nsf.gov

CFDA Number: 47.076
Contact: Claudia Rankins, Program Director EHR 703-292-8109

Program: Dynamics, Control and Systems Diagnostics (DCSD)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental research on the analysis, measurement, monitoring and control of dynamic systems. Focus areas include: Modeling-creation of new mathematical frameworks to apply tools of dynamics to physical systems; Analysis-discovery and exploration of structure in dynamic behavior; Diagnostics-dynamic methods that infer system properties from observations; Control-methods that produce desired dynamic behavior. Annual deadline: proposals accepted at any time. See http://tinyurl.com/zvzxrgd for details. Email: idolinsk@nsf.gov

CFDA Number:
Contact: Irina Dolinskaya, Program Director NSF/ENG 703-292-7078

Wednesday, April 18, 2019
Deadlines Page 29 of 46
Program: Re-entry to Active Research Program (RARE)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports efforts to catalyze the advancement along the academic tenure-track of highly meritorious individuals who are returning from a hiatus from active research. Research areas must fall within the scope of the Division of Chemical, Bioengineering, Environmental, and Transport Systems. Track 1 reengages investigators in a competitive funding opportunity with accommodations for gap in record that are a result of the research hiatus. Track 2 retrains investigators for whom the research hiatus has led to the need for new or updated techniques, such that retraining is required to return the investigator to competitive research activity. Annual deadline: proposals are accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=735559 for details. Email: jlage@nsf.gov

Contact: José Lage, Program Director
ENG
703-292-4997

CFDA Number:

Program: Engineering of Biomedical Systems (EBMS)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports research projects that integrate engineering and life sciences in solving biomedical problems. Focus areas include: Development of validated models (living or computational) of normal and pathological tissues and organ systems that can support improved understanding of these systems or development and testing of medical interventions; Design and validation of systems that integrate living and non-living components for improved understanding, diagnosis, monitoring, and treatment of disease or injury; Advanced biomanufacturing of three-dimensional tissues and organs; and Design and application of technologies and tools to investigate fundamental physiological and pathophysiological processes. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505546 for details. Email: asimonia@nsf.gov

Contact: Aleksandr Simonian, Program Director
CBET
703-292-2191

Program: Biosensing
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental engineering research proposals on devices and methods for measurement and quantification of biological analytes. Examples of biosensors include, but are not limited to, electrochemical/electrical biosensors, optical biosensors, plasmonic biosensors, paper-based and nanopore-based biosensors. Submissions that address critical needs for biomedical research, public health, food safety, agriculture, forensic, environmental protection, and homeland security are highly encouraged. Proposals that incorporate emerging nanotechnology methods are especially encouraged. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505556 for details. Email: chli@nsf.gov

Contact: Chenzhong Li, Program Director
CBET
703-292-2857

Program: Environmental Sustainability
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports engineering research to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Four principal research areas are supported: Industrial Ecology; Green Engineering; Ecological Engineering; and Earth Systems Engineering. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505549 for details. Email: bhamilto@nsf.gov

Contact: Bruce Hamilton, Program Director
ENG
703-292-7066

Program: Fluid Dynamics
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental research and education on mechanisms and phenomena governing fluid flow. Proposed research should contribute to basic understanding of fluid flow phenomena, thus enabling the better design, predictability, efficiency, and control of systems that involve fluids. Current topics are: Turbulence and Transition; Bio-Fluid Physics; Non-Newtonian Fluid Mechanics; Micro- and Nano-fluidics; Fluid-Structure Interactions; and Wind and Ocean Energy Harvesting. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505529 for details. Email: rjoslin@nsf.gov

CFDA Number:
Contact: Ronald Joslin, Program Director
ENG
703-292-7030

Program: Molecular Separations
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports research focused on novel methods and materials for separation processes, such as those central to the chemical, biochemical, bioprocessing, materials, energy, and pharmaceutical industries. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505559 for details. Email: cpayne@nsf.gov

CFDA Number:
Contact: Christina Payne, Program Director
CBET
703-292-2895

Program: Biomechanics and Mechanobiology (BMMB)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental research in biomechanics and mechanobiology. Emphasis on multiscale solid and fluid mechanics approaches in the study of organisms that integrate across molecule, cell, tissue, and organ domains. Interest in relationships between mechanical behavior and extracellular matrix composition and organization, and influence of in vivo mechanical forces on cell and matrix biology of tissues. Funds support theoretical, computational, and experimental approaches. Annual deadline: proposals accepted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523 for details. Email: mgrimme@email.com

CFDA Number:
Contact: Michele Grimm, Program Director
CMMI
703-292-4641

Program: Civil Infrastructure Systems (CIS)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental and innovative research necessary for designing, constructing, managing, maintaining, operating, and protecting efficient, resilient, and sustainable civil infrastructure systems. Researchers are encouraged address systems' relationships to societal functioning, human behavior, and social organizations. Topic areas include: transportation systems, construction engineering, infrastructure systems and infrastructure management, including research that considers ordinary and disrupted operating environments. Annual deadlines: proposals accepted any time. See http://tinyurl.com/3y97u7h for details. Email: qchen@nsf.gov

CFDA Number:
Contact: Cynthia Chen, Program Director
ENG
703-292-2563

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Program: CMMI Unsolicited Proposals
Agency: National Science Foundation
Next Deadline: Jul 2019

Supports investigator-initiated, cross-disciplinary, fundamental research and education to advance civil, mechanical, industrial, and manufacturing engineering. Focus areas include: Manufacturing and building technologies across size scales; Efficient, economical, sustainable transformation/use of engineering materials; Resilient civil infrastructure and distributed infrastructure networks; Models, analyses, and algorithms that link data with decisions related to manufacturing and service enterprises; and Design, control, and optimization methods. Annual deadlines: proposals accepted at any time. See https://www.nsf.gov/news/news_summ.jsp?cntn_id=245722&org=CMMI for details.

CFDA Number: 47.041
Contact: Contacts Vary
ENG

Program: Humans, Disasters, and the Built Environment (HDBE)
Agency: National Science Foundation
Next Deadline: Jul 2019

Supports fundamental, multidisciplinary research on the interactions between humans and the built environment within and among communities exposed to natural, technological and other types of hazards and disasters. Funds support research that advances theories, methods and data within and across diverse disciplines, whether in engineering, the social sciences, computing or other relevant fields. Supported research should inform how communities can cultivate and engage a broad range of physical, social and other resources to ensure improved quality of life for their inhabitants. Annual deadline: full proposals accepted at any time. See http://tinyurl.com/3ywrq6b for details. Email: rdillonm@nsf.gov

CFDA Number: 47.041
Contact: Robin Dillon-Merrill, Program Director
ENG
703-292-4921

Program: Mechanics of Materials and Structures (MOMS)
Agency: National Science Foundation
Next Deadline: Jul 2019

Supports fundamental research in mechanics as related to the behavior of deformable solid materials and respective structures under internal and external actions. Areas of emphasis include advances in theory, experimental and computational methods in mechanics, and the use of contemporary mechanics methods to address modern challenges in materials and structures. Proposals that explore and build upon advanced computing techniques and tools to enable major advances in mechanics are particularly welcome. Annual deadlines: proposals accepted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13355 for details. Email: moms@nsf.gov

CFDA Number: 47.041
Contact: Siddiq Qidwai, Program Director
ENG
703-292-2211

Program: Mind, Machine and Motor Nexus
Agency: National Science Foundation
Next Deadline: Jul 2019

Supports fundamental research at the intersection of mind, machine and motor, with an integrated treatment of human intent, perception, and behavior in interaction with embodied and intelligent engineered systems and as mediated by motor manipulation. Funds support the development of theories, representations, and working models that draw upon and contribute to fundamental understanding within and across diverse fields, including but not limited to systems science and engineering; mechatronics; cognitive, behavioral and perceptual sciences; and applied computing. Annual deadline: proposals accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505402 for details. Email: rscheidt@nsf.gov

CFDA Number: 
Contact: Robert Scheidt, Program Director
ENG
703-292-2477
Program: Energy, Power, Control, and Networks (EPCN)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports innovative research in modeling, optimization, learning, adaptation, and control of networked multi-agent systems, higher-level decision making, and dynamic resource allocation, as well as risk management in the presence of uncertainty, sub-system failures, and stochastic disturbances. Annual deadline: proposals accepted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505249 for details. Email: rbaheti@nsf.gov

CFDA Number: 47.050
Contact: Radhakishan Baheti, Program Director ENG 703-292-8339
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Program: Aeronomy Program
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports research from the mesosphere to the outer reaches of the thermosphere and all regions of the Earth’s ionosphere, especially regarding the phenomena of ionization, recombination, chemical reaction, photo emission, and the transport of energy, and momentum within and between these regions. Funds also support research into the coupling of this global system to the stratosphere below and magnetosphere above and the plasma physics of phenomena manifested in the coupled ionosphere-magnetosphere system, including the effects of high-power radio wave modification. Annual deadlines: proposals may be submitted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11686 for details. Email: rlieberm@nsf.gov

CFDA Number: 47.050
Contact: Ruth Lieberman, Program Director GEO 703-292-8529
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Program: Climate and Large-Scale Dynamics
Agency: National Science Foundation
Next Deadline: Jul 2019
Program has two goals: to advance knowledge about the processes that force and regulate atmosphere’s synoptic and planetary circulation, weather, and climate; and to sustain the pool of human resources required for excellence in synoptic and global atmospheric dynamics and climate research. Research topics include theoretical, observational, and modeling studies of the general circulation of the stratosphere and troposphere; and synoptic scale weather phenomena. Annual deadline: proposals accepted anytime. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11699 for details. Email: edeweave@nsf.gov

CFDA Number: 47.050
Contact: Eric T. DeWeaver, Acting Section Head GEO 703-292-8527
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Program: Geophysics Program
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports basic laboratory, field, theoretical, and computational research in the physics of solid earth to explore its composition, structure, and processes. Topics include seismicity, seismic wave propagation and nature and occurrence of geophysical hazards; Earth's magnetic, gravity, and electrical fields; Earth's thermal structure; geodynamics; geophysical studies of active deformation, including geodesy, and theoretical and experimental studies of Earth materials. Annual deadlines: applications accepted anytime. See http://tinyurl.com/j9gt7qy for details. Email: rreichli@nsf.gov

CFDA Number: 47.050
Contact: Robin Reichlin, Program Director GEO 703-292-8556
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**Program:** Geospace Facilities  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Promotes basic research on structure and dynamics of Earth’s upper atmosphere by supporting operation of a chain of incoherent-scatter radars and by ensuring these radars are maintained as state-of-the-art research tools available to all qualified scientists. UAF consists of large incoherent-scatter radar facilities located along a longitudinal chain from Greenland to Peru. Use of facilities is available on a competitive basis. Annual deadline: proposals accepted at any time, as early as possible in the fiscal year. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12808 for details. Email: cblack@nsf.gov

**CFDA Number:** 47.050  
**Contact:** Carrie Black, Program Director  
GEO 703-292-2426

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**Program:** Hydrologic Sciences  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports research on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle, from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components. Studies may address physical, chemical, and biological processes that are coupled directly to water transport. Annual deadline: proposals accepted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13684 for details. Email: hbarnard@nsf.gov

**CFDA Number:** 47.050  
**Contact:** Holly Barnard, Program Director  
GEO 703-292-2611

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**Program:** Marine Geology and Geophysics  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports research on the geology and geophysics of ocean basins and margins and the Great Lakes, including: Structure, composition, tectonics, and evolution of the oceanic lithosphere; Paleooceanography, paleoclimate, and sea level change; Submarine volcanology, petrology and geochemistry of the oceanic crust and upper mantle; Marine hydrogeology, seeps and gas hydrates, water-rock interaction, and hydrothermal vent and fluid formation and geochemistry; Geochemical indicators of life operating below the seafloor; Marine sedimentology and coastal processes, stratigraphy, sediment transport, and diagenesis; Mid-ocean ridge spreading, back-arc rifting, transform processes, and ocean island/sea mount formation and evolution  
Submarine components of subduction zone systems and passive margins; and Marine geohazards. Annual deadline: proposals are accepted at any time. See https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505468 for details. Email: cmajor@nsf.gov

**CFDA Number:** 47.050  
**Contact:** Candace Major, Acting Section Head  
GEO 703-292-7597

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**Program:** Physical and Dynamic Meteorology  
**Agency:** National Science Foundation  
**Next Deadline:** Jul 2019  
Supports research involving studies of cloud physics; atmospheric electricity; radiation; boundary layer & turbulence; the initiation, growth, & propagation of gravity waves; all aspects of mesoscale meteorological phenomena, including their morphological, thermodynamic, & kinematic structure; development of mesoscale systems & precipitation processes; & transfer of energy between scales. Also sponsors development of new techniques and devices for atmospheric measurements. Annual deadline: proposals may be submitted at any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12728 for details. Email: clu@nsf.gov

**CFDA Number:** 47.050  
**Contact:** Chungu Lu, Program Director  
GEO 703-292-8524
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<thead>
<tr>
<th>Program</th>
<th>Sedimentary Geology and Paleobiology (SGP)</th>
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<td>National Science Foundation</td>
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<td>Next Deadline</td>
<td>Jul 2019</td>
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<td>Supports research that addresses the deep-time sedimentary crust and advances our understanding of environmental and evolutionary change. Focus areas include: the changing aspects of life, ecology, environments, and biogeography in geologic time; sedimentary lithosphere; geological processes and resources in rock sequences; dating and measuring the sequence of events and rates of geological processes; and the geologic record of the production, transportation, and deposition of modern and ancient physical and chemical sediments. Annual deadline: proposals accepted any time. See <a href="http://tinyurl.com/zkhv2kb">http://tinyurl.com/zkhv2kb</a> Email: <a href="mailto:earsgp@nsf.gov">earsgp@nsf.gov</a></td>
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<tr>
<td>Contact</td>
<td>Dena Smith, Program Director GEO</td>
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<th>Program</th>
<th>Geobiology and Low-Temperature Geochemistry</th>
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<td>Supports research on geochemical processes in terrestrial Earth’s surface environmental systems, as well as the interaction of geochemical and biological processes. Studies may address: inorganic and/or organic geochemical processes occurring at or near the Earth’s surface now and in the past, and across the broad spectrum of interfaces ranging in scale from planetary and regional to mineral-surface and supramolecular; the role of life in the transformation and evolution of Earth’s geochemical cycles; surficial chemical and biogeochemical systems and cycles, including their modification through environmental change and human activities; low-temperature aqueous geochemical processes; mineralogy and chemistry of earth materials; geomicrobiology and biomineralization processes; and medical mineralogy and geochemistry. See <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13689">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13689</a> for details. Email: <a href="mailto:ebarrera@nsf.gov">ebarrera@nsf.gov</a></td>
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<td>CFDA Number:</td>
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<tr>
<td>Contact</td>
<td>Enriqueta Barrera, Program Director GEO</td>
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<th>Program</th>
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<td>Supports research on the processes by which energy in diverse forms is generated by the sun, transported to Earth, and deposited in the terrestrial environment. Major topics include space weather impacts, helioseismology, solar dynamo, solar activity cycle, magnetic flux emergence, solar flares and eruptive activity, coronal mass ejections, solar wind heating, solar energetic particles, interactions with cosmic rays, and solar wind/magnetosphere boundary problems. Annual deadline: proposals accepted any time, as early as possible in fiscal year. See <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12741">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12741</a> for details. Email: <a href="mailto:cblack@nsf.gov">cblack@nsf.gov</a></td>
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<td>Contact</td>
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<td>Supports basic research on the formation and evolution of Earth using petrological and geochemical characteristics of Earth materials in the crust, mantle, and core. Proposals generally address the petrology and high-temperature geochemistry of igneous and metamorphic rocks, mineral physics, economic geology, and volcanology. Proposals that bridge disciplinary boundaries or include development of analytical tools for potential use by the broad community encouraged. Annual deadlines: Proposals are accepted anytime. See <a href="http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13683">http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13683</a> Email: <a href="mailto:jwade@nsf.gov">jwade@nsf.gov</a></td>
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<tr>
<td>CFDA Number:</td>
<td>47.050</td>
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<tr>
<td>Contact</td>
<td>Jennifer Wade, Program Director GEO</td>
</tr>
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<td></td>
<td>703-292-4739</td>
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</tbody>
</table>
Program: Tectonics
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports field, laboratory, computational, and theoretical investigations of the evolution and deformation of continental lithosphere and the ways these processes have modified the lithosphere through geologic time. Supports integrated research involving structural geology, petrology, geochronology, sedimentology, stratigraphy, geomorphology, rock mechanics, paleomagnetics, geodesy, and other geophysical techniques. Annual deadlines: applications accepted any time. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13673 for details. Email: sharlan@nsf.gov

CFDA Number: 47.050
Contact: Stephen S. Harlan, Program Director
         GEO
         703-292-7707

Program: Ocean Drilling Program
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports small projects to be conducted during the expedition moratorium period to increase the scientific value of, and facilitate further research on, the expedition core, data, and associated samples. Examples of appropriate post-expedition work include, but are not limited to: XRF, CT, or other scans of entire or selected critical sections of core; stratigraphic refinements for identified critical intervals; and refinement of shipboard measurements/analyses/descriptions as deemed necessary by the shipboard scientific party. Annual deadline: full proposals accepted anytime. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13524 for details. Email: jallan@nsf.gov

CFDA Number: 47.050
Contact: James Allan, Program Director
         OCE
         703-292-8144

Program: Condensed Matter and Materials Theory (CMMT)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental research on hard and soft materials, and materials-related phenomena; the development of associated analytical, computational, and data-centric techniques; as well as predictive materials-specific theory, simulation, and modeling for materials research. Focus areas include: advancing the understanding of emergent properties and phenomena of materials and condensed matter systems; developing materials-specific prediction and advancing understanding of properties, phenomena, and emergent states of matter associated with hard or soft materials; developing and exploring new paradigms to advance fundamental understanding of materials and materials related phenomena, or; fostering research at interfaces among relevant subdisciplines. Annual deadline: proposals accepted any time. See http://tinyurl.com/zu6serg for details. Email: dhess@nsf.gov

CFDA Number: 47.050
Contact: Daryl Hess, Program Director
         MPS
         703-292-4942

Program: Ceramics (CER)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports fundamental research in ceramics (e.g., oxides, carbides, nitrides, and borides), glasses, ceramic-based composites, and inorganic carbon-based materials to increase fundamental understanding and develop predictive capabilities for relating synthesis, processing, and microstructure of these materials to their properties and ultimate performance in various environments and applications. Projects should be experiment centered; inclusion of computational and theory components are encouraged. Annual deadline: proposals accepted any time. Limited submission: Applicants may be PI or Co-PI on only one proposal across all Topical Materials Research Programs. See http://tinyurl.com/hussmom for updates. Email: lmadsen@nsf.gov

CFDA Number: 47.051
Contact: Lynnette Madsen, Program Director
         MPS
         703-292-4936
Program: Conferences, Workshops, and Special Meetings in Mathematical Sciences
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports proposals for regular conferences, symposia, and workshops and special meetings, which comprise longer-term/larger-scale activities that widely engage mathematical sciences community, such as special research years or semesters, multi-institutional regional meetings, and summer schools. Annual deadlines: proposals accepted anytime, but must be submitted in accordance with the due date for the appropriate disciplinary program. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id =11701 for details. Email: tbartosz@nsf.gov

CFDA Number: 47.049
Contact: Tomek Bartoszynski, Program Director
MPS
703-292-4885

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Program: Office of International Science and Engineering (OISE)
Agency: National Science Foundation
Next Deadline: Jul 2019
International science and engineering research and education activities are funded by all NSF directorates and offices. Investigators seeking funding for international collaborative research may include an international component in new proposals submitted to their relevant NSF research program, or request supplemental funding to add international collaboration to projects supported by current NSF grants. OISE also directly administers solicitations for international research and education. Annual deadlines: vary by program. See http://www.nsf.gov/div/index.jsp?div=OISE for details. Email: sabo@nsf.gov

CFDA Number: 47.053
Contact: Suzanne Abo, Program Analyst
703-292-2704

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Program: Geography and Spatial Sciences - Doctoral Dissertation Research Improvement Awards (GSS-DDRI)
Agency: National Science Foundation
Next Deadline: Jul 2019
Supports basic research on geographic distributions and interactions of human, physical, and biotic systems on Earth's surface. Investigators are encouraged to propose plans for research about the nature, causes, and consequences of human activity and natural environmental processes across a range of scale. Projects must enhance geographical knowledge, concepts, theories, and methods, and their application to societal problems and concerns. Annual deadlines: all proposals accepted at any time. Limited submission: two proposals per doctoral student. See http://tinyurl.com/ku3hy8r for details. Email: tbaerwal@nsf.gov

CFDA Number: 47.051
Contact: Thomas Baerwald, Program Director
SBE
703-292-7301

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Program: Linguistics Programs
Agency: National Science Foundation
Next Deadline: Jul 15, 2019

CFDA Number: 47.051
Contact: Joan Maling, Program Director
BCS
703-292-8046
Program: Science of Learning  
Agency: National Science Foundation  
Next Deadline: Jul 10, 2019  
Supports potentially transformative basic research to advance the science of learning. Program goals are to develop basic theoretical insights and fundamental knowledge about learning principles, processes and constraints. Supports research addressing learning in a wide range of domains including: molecular/cellular mechanisms; brain systems; cognitive affective, and behavioral processes; and social/cultural influences. Supports methods including: experiments, field studies, surveys, secondary-data analyses, and modeling. Annual deadlines: the third Wednesday in January and second Wednesday in July. See http://tinyurl.com/235xny for details. Email: slim@nsf.gov

CFDA Number: 47.051  
Contact: Soo-Siang Lim, Program Director  
SBE  
703-292-7878

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Program: Developmental Sciences  
Agency: National Science Foundation  
Next Deadline: Jul 15, 2019  
Supports basic research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to human development across the lifespan. Research supported by this program will add to our knowledge of the underlying developmental processes that support social, cognitive, and behavioral functioning, thereby illuminating ways for individuals to live productive lives as members of society. Currently accepting individual investigator and workshop/small conference proposals. Annual deadlines: target dates are 1/15 and 7/15. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id =8671 for details. Email: cbryant@nsf.gov

CFDA Number: 47.075  
Contact: Chalandra Bryant, Program Director  
SBE  
703-292-8457

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Program: Archaeology and Archaeometry  
Agency: National Science Foundation  
Next Deadline: Jul 01, 2019  
Supports anthropologically relevant archaeological research at both the senior and doctoral dissertation levels. It also funds anthropologically significant archaeometric research and high risk exploratory research proposals. Annual deadlines: Senior Archaeology proposals due 7/, 12/20; Archaeometry proposals due 12/1; Doctoral Dissertation and High Risk proposals due anytime. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id =11690 for details. Email: jyellen@nsf.gov

CFDA Number: 47.051  
Contact: John Yellen, Program Director  
BCS  
703-292-8759

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Program: Social Psychology  
Agency: National Science Foundation  
Next Deadline: Jul 15, 2019  
Supports basic research on human social behavior, including cultural differences and development over the lifespan. Among the many research topics supported are attitude formation and change, social cognition, personality processes, interpersonal relations, group processes, the self, emotion, social comparison and social influence, the social psychology of health, and the psychophysiological correlates of social behavior. Annual deadlines: target dates are 1/15 and 7/15. See http://www.nsf.gov/funding/pgm_summ.jsp?pims_id =5712 for details. Email: sbreckle@nsf.gov

CFDA Number: 47.051  
Contact: Steven Breckler, Program Director  
BCS  
703-292-7369

--------------------------------------------
**Program:** Grants and Fellowships

**Agency:** Partnership for Clean Competition

**Next Deadline:** Jul 01, 2019

Supports scientific research advancing knowledge in the anti-doping sphere. Grant and Fellowships pre-applications are accepted awarded three times annually (annual deadlines: 3/1, 7/1, 11/1). For applicants invited to submit full applications, the due date is the first day of the month following the pre-application deadline. The PCC also offers micro-grants year round for grants requiring less than $75,000 and six months to complete. See www.cleancompetition.org for updates. Email: jcelmer@cleancompetition.org

**CFDA Number:**

**Contact:** Jenna Celmer, Stakeholder Engagement Manager  
719-985-9721

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**Program:** Smithsonian Opportunities for Research and Study

**Agency:** Smithsonian Institution

**Next Deadline:** Jul 2019 (target date)

Graduate, postdoctoral, and senior fellowships support research at the Smithsonian in these areas: anthropology, archaeology, astrophysics and astronomy, earth sciences, ecology, behavioral and environmental sciences, evolutionary and systematic biology, history of science, art history, and social and cultural history of the U.S. The stipend amount and length of fellowships vary. Graduate and undergraduate internships are also available. Fellowship application deadlines vary by program. https://www.smithsonianofi.com/sors-introduction/ for details. Email: info@si.edu

**CFDA Number:** 60.007

**Contact:** Eric Woodard, Director, Office of Fellowships and Internships  
202-633-7070

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**Program:** AFRI: Sustainable Agricultural Systems

**Agency:** U.S. Department of Agriculture

**Next Deadline:** Jun 04, 2019

Supports efforts to help transform U.S. food and agricultural systems by increasing production in sustainable ways in the wake of diminishing land and water resources, changing climate, increasingly extreme weather events, threatening outbreaks of diseases and pests, and challenges to human health. A one-to-one funding match is required for commodity-specific research that is not of national scope. Deadline refers to letters of intent. See https://nifa.usda.gov/funding-opportunity/afri-sustainable-agricultural-systems-competitive-grants-program for details. Email: AFRI-SAS@nifa.usda.gov

**CFDA Number:** 10.310

**Contact:** Rachel Melnick, Acting Director NIFA  
202-401-6602

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**Program:** AgrAbility - Assistive Technology Program for Farmers with Disabilities

**Agency:** U.S. Department of Agriculture

**Next Deadline:** May 09, 2019

Supports projects from cooperative extension services at 1862 and 1890 land-grant colleges and universities to provide education, networking among local and regional stakeholders, and assistance to support farmers with disabilities engaged in production agriculture, helping them and their families maintain optimal production and experience enhanced quality of life. Applicants must partner with private non-profit community-based direct service disability organizations with capacity to provide service at a state, regional or national level, and may collaborate with non-eligible applicants. See http://tinyurl.com/zmh9fnf Email: abalsano@nifa.usda.gov

**CFDA Number:** 10.500

**Contact:** Ada Balsano, National Program Leader NIFA  
202-720-4436

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Thursday, April 18, 2019  Deadlines Page 39 of 46
**Program:** Agriculture and Food Research Initiative Education and Workforce Development  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** Jun 11, 2019  
EWD focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences. In FY 2019, EWD invites applications in five areas: professional development for agricultural literacy; training of undergraduate students in research and extension; fellowships for predoctoral candidates; fellowships for postdoctoral scholars, and a brand new program for agricultural workforce training. Programs have different deadlines and LOI requirements. See http://tinyurl.com/nahz2el for updates. Email: rali@nifa.usda.gov

**CFDA Number:** 10.310  
**Contact:** Ray Ali, National Program Leader  
NIFA  
202-720-2727

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**Program:** Higher Education Challenge Grant Program  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 29, 2019  
Enables colleges and universities to provide the quality of education necessary to produce baccalaureate or higher degree level graduates capable of strengthening the nation’s food and agricultural and scientific and professional workforce. See http://nifa.usda.gov/funding-opportunity/higher-education-challenge-hec-grants-program for details. Email: joyce.parker@nifa.usda.gov

**CFDA Number:** 10.217  
**Contact:** Joyce Parker, National Program Leader  
NIFA  
202-401-4512

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**Program:** Hispanic-Serving Institutions (HSIs) Education Grants Program  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 15, 2019  
Supports projects to strengthen HSI campuses' ability to carry out education programs to support outstanding students capable of enhancing the nation's food and agricultural workforce. Program includes faculty teaching enhancement, curricular design, instructional delivery, scientific instrumentation, student learning, and student recruitment and retention. Features four grant types with following deadlines: Regular (5/15); Collaboration (5/16); and Conference (5/16). See http://nifa.usda.gov/funding-opportunity/hispanic-serving-institutions-education-grants-program-hsi for updates. Email: ilawrence@nifa.usda.gov

**CFDA Number:** 10.223  
**Contact:** Irma Lawrence, National Program Leader  
NIFA  
202-720-2082

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**Program:** Organic Transitions Program  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 16, 2019  
Supports the development and implementation of research, extension and higher education programs to improve the competitiveness of organic livestock and crop producers and those who are adopting organic practices. Supporting systems-based research to enhance the sustainability of food production, including environmental, economic, and social factors. Priority concerns include: documenting/understanding the effects of organic practices; improved environmental services and climate change mitigation; develop alternatives to prohibited substances; outreach to students and producers. See http://tinyurl.com/m4to6my for details. Email: mngouajio@nifa.usda.gov

**CFDA Number:** 10.307  
**Contact:** Mathieu Ngouajio, National Program Leader  
NIFA  
202-401-4895

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**Program:** Potato Breeding Research  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 21, 2019  
Purpose is to support potato (Solanum tuberosum L.) research programs that focus on varietal development and testing and potato varieties for commercial production. Also of interest are projects that have a high potential for success in varietal development and testing using conventional breeding and/or biotechnological genetics to develop potato varieties with a high value to the potato industry as a whole. Only land-grant colleges and universities and schools of veterinary medicine are eligible but others may subcontract. See http://nifa.usda.gov/funding-opportunity/potato-breeding-research for updates. Email: jeffrey.steiner@nifa.usda.gov

**CFDA Number:** 10.200  
**Contact:** Jeffrey Steiner, National Program Leader  
NIFA  
202-734-1067

--------------------------------------------

**Program:** Special Research Grants Program - Aquaculture Research  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** May 28, 2019  
Program seeks to support the development of an environmentally and economically sustainable aquaculture industry in the U.S. and generate new science-based information and innovation to address industry constraints. Program will fund projects that directly address major constraints to the U.S. aquaculture industry and focus on one or more program priorities, including genetics of commercial aquaculture species and critical disease issues impacting aquaculture species. A LOI for the FY 2019 funding cycle is highly encouraged. LOI's are due 4/29/19. See http://nifa.usda.gov/funding-opportunity/special-research-grants-program-aquaculture-research for details. Email: Gene.W.Kim@nifa.usda.gov

**CFDA Number:** 10.207  
**Contact:** Gene W. Kim, National Program Leader  
202-401-1108

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**Program:** Sustainable Agriculture Research and Education Program (SARE)  
**Agency:** U.S. Department of Agriculture  
**Next Deadline:** Jul 2019  
Supports research and education projects exploring: farm renewable energy; pest and weed management; nutrient management; agroforestry; marketing; sustainable communities; systems research; etc. Grants fund projects that usually involve scientists, producers and others in an interdisciplinary approach. Calls for Proposals include Graduate Student Grants; Professional Development; Research & Education; and Educators. Deadlines vary by program and often by region. See http://www.sare.org/ for details. Email: rhedberg@nifa.usda.gov

**CFDA Number:** 10.215  
**Contact:** Rob Hedberg, National Program Leader  
NIFA  
202-720-5384

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Program: Women and Minorities in Science, Technology, Engineering and Math (WAMS)
Agency: U.S. Department of Agriculture
Next Deadline: May 21, 2019
Supports research and extension projects that have robust collaborations to increase the participation of women and underrepresented minorities from rural areas in STEM fields. Cost sharing is required if the project provides a particular benefit to a specific commodity and awardees must match awarded funds dollar for dollar. IHEs are eligible to apply. Limited submission: one application as an individual institution. See https://tinyurl.com/yavq9hx4 for details. Email: victoria.s.lebeaux@nifa.usda.gov

CFDA Number: 10.318
Contact: Victoria LeBeaux, National Program Leader
        NIFA
        202-720-0384

Program: Planning and Local Technical Assistance Programs Opportunity
Agency: U.S. Department of Commerce
Next Deadline: Jul 2019 (target date)
Supports applications that help communities develop the planning and technical expertise to support communities and regions in their comprehensive, entrepreneurial, and innovation-based economic development efforts. Resulting in increased private investment and higher-skill, higher-wage jobs in areas experiencing substantial and persistent economic distress, these programs are designed to enhance the competitiveness of regions. Annual deadline: applications accepted on a continuing basis. Universities are eligible to apply. See http://www.eda.gov/funding-opportunities/ for details. Email harry.p.paradice@eda.gov

CFDA Number: 11.302
Contact: H. Philip Paradice, Jr., Regional Director
        EDA
        404-730-3002

Program: AFOSR: Physical Sciences
Agency: U.S. Department of Defense
Next Deadline: Jul 2019
Supports the discovery and transition of foundational physical science to enable air, space, and cyber power. Topic areas include: Aerospace Materials for Extreme Environments; Atomic and Molecular Physics; Electromagnetics; Laser and Optical Physics; Optoelectronics and Photonics; Plasma and Electro-Energetic Physics; Quantum Electronic Solids; Quantum Information Sciences; Remote Sensing; Space Science; and Ultrashort Pulse Laser-Matter Interactions. Annual deadline: white papers accepted anytime. See https://www.wpafb.af.mil/Welcome/Fact-Sheets/Display/Article/842036/afosr-physical-sciences/ for details.

CFDA Number: 12.800
Contact: Contacts vary by focus area
        AFOSR

Program: Research Interests of the Air Force Office of Scientific Research
Agency: U.S. Department of Defense
Next Deadline: Jul 2019
Supports wide range of fundamental mathematical, information and computer sciences, biology and behavioral research to provide the Air Force with novel options to increase performance and operational flexibility. Research areas are organized and managed in several scientific Departments: Engineering and Complex Systems; Information and Networks; Physical Sciences; Chemistry and Biological Sciences; Student Exchange Program; and Other Innovative Research Concepts. Annual deadline: Proposals accepted at any time. Solicitation open until superseded. Bulk of funding is committed by the fall of a given year. See http://tinyurl.com/jlbpbbj for details.

CFDA Number: 12.800
Contact: Vary by research area
        AFOSR
Program: Armament Technology Broad Agency Announcement
Agency: U.S. Department of Defense
Next Deadline: Jul 2019
Notice seeking white papers engaged in the discovery, development, and integration of warfighting technologies for our air, space, and cyberspace forces. Topic areas cover the needs of the following Air Force divisions: Ordinance Division; Strategic Planning and Integration Division; and the Weapon Engagement Sciences Division. Annual applications accepted anytime through 3/12/22. See https://www.grants.gov/web/grants/view-opportunity.html?oppId=292442 for more information. Email: ashley.haslauer@us.af.mil

CFDA Number: 
Contact: Ashley Haslauer, Program Officer AFRL 850-883-2682
--------------------------------------------

Program: Defense Production Act (DPA) Title III
Agency: U.S. Department of Defense
Next Deadline: Jul 2019
Program designed to create assured, affordable, and commercially viable production capabilities and capacities for items essential for national defense through aiding manufacturers who specialize in materials used for defense applications. Title III focuses on materials and components that could be used in a broad spectrum of defense systems. The BAA is in effect until February 22, 2023. Annual deadlines vary by program. See http://www.businessdefense.gov/Programs/DPA-Title-III/ or FBO.gov for details. Email: osd.pentagon.ousd-atl.mbx.mibp-dpa-title-iii@mail.mil

CFDA Number: 
Contact: Adrianna Menker, Agreements Negotiator AFRL 937-713-9924
--------------------------------------------

Program: DARPA: Defense Sciences Office
Agency: U.S. Department of Defense
Next Deadline: Jul 20, 2019
Supports high-risk, high-payoff research advanced research and development in a variety of subjects focused on fundamental science and innovation for national defense. Recent Solicitations include: Optimization with Noisy Intermediate-Scale Quantum Devices (6/10); Defense Sciences Office (DSO) Office-Wide (6/11); Polyplexus Pilot Topic Opportunity Notice (6/14); and Program Announcement for Artificial Intelligence Exploration (7/20). See http://tinyurl.com/zw5huvug for details.

CFDA Number:
Contact: Valerie Browning, Office Director DARPA
--------------------------------------------

Program: Naval Research Laboratory Broad Agency Announcement
Agency: U.S. Department of Defense
Next Deadline: May 09, 2019 (target date)
Notice seeking white paper research proposals for basic and applied research of interest to NRL. See the solicitation for a full list of research topics. Annual deadline: white papers are accepted and considered on a rolling basis. Selected applicants will be invited to submit full proposals. See https://www.nrl.navy.mil/doing-business/Current-NRL-BAA for details. Email: NRLProposals@nrl.navy.mil

CFDA Number:
Contact: Valerie Hall, Program Officer NRL 202-767-2021
Program: Defense University Research Instrumentation Program (DURIP)
Agency: U.S. Department of Defense
Next Deadline: May 17, 2019
Purpose is to provide equipment to enhance research-related education currently being funded or has been proposed for funding by the DoD. Grants will be for the purchase of research equipment costing $50,000 to $1.5 million, which typically cannot be purchased within the budgets of single-investigator awards. IHEs with degree granting programs in science, math, and/or engineering are eligible. Announcement covers interest areas of the ARO, ONR and AFOSR BAAs. See http://www.arl.army.mil/www/default.cfm?Action=6&Page=8 for details. Email: durip@afosr.af.mil
CFDA Number: N/A
Contact: Katie Wisecarver, Program Officer ONR 703-696-9544

Program: ONR: Navy Postdoctoral Fellowship Program
Agency: U.S. Department of Defense
Next Deadline: Jul 2019
Sponsors program at Naval R&D centers & labs to increase the involvement of creative & highly trained scientists & engineers from academia & industry to scientific & technical areas of interest & relevance to the Navy. Supports about 40 new postdoc appointments/year. Current interests include: computer science, artificial intelligence, plasma physics, acoustics, chemistry, materials science, optical sciences, condensed matter & radiation sciences, electronics science, environmental sciences, marine geosciences, remote sensing, oceanography, marine meteorology. Annual deadline: applications accepted on an ongoing basis. See https://nrl.asee.org/about for details. Email: postdocs@asee.org
CFDA Number: N/A
Contact: Program Manager ONR 202-350-5763

Program: AFOSR: Young Investigator Research Program
Agency: U.S. Department of Defense
Next Deadline: Jun 03, 2019
Supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering. Funds support scientists and engineers who hold a permanent, career-competitive, or tenure-track position and have received Ph.D. or equivalent degrees no earlier than April 1, 2012. See https://www.wpafb.af.mil/Welcome/Fact-Sheets/Display/Article/842050/ for details. Email: afosryip@us.af.mil
CFDA Number: N/A
Contact: Ellen Robinson, Program Officer AFOSR 703-588-8527
Program: Nuclear Energy University Programs - Fellowship and Scholarship Support  
Agency: U.S. Department of Energy  
Next Deadline: Jul 2019  
Support for multiple cooperative agreements to accredited U.S. two- and four-year colleges and universities to receive and administer scholarship and fellowship funding provided through the Integrated University Program and as administered by the Department of Energy, Office of Nuclear Energy on behalf of selected students attending these universities. The selection of students for the program will occur via a separate DOE-NE process. Annual deadline: applications are accepted any time until 1/31/21. See http://www.grants.gov/view-opportunity.html?oppId=281096 for details. Email: tinslesm@id.doe.gov  
CFDA Number:  
Contact: Shawn Tinsley, Contract Specialist  
208-526-3997  
--------------------------------------------

Program: Joint Genome Institute  
Agency: U.S. Department of Energy  
Next Deadline: Jul 31, 2019  
Supports basic, multidisciplinary research towards understanding plants, microbes, and microbial communities relevant to DOE missions in bioenergy, carbon management, and the environment. FOAs include Community Science Program (CSP) Annual Call (4/11/19); Joint Genome Institute/Environmental Molecular Science Library Collaborative Science Initiative (3/20/19); CSP New Investigator Call (9/4/19) Synthetic Biology (TBD); and DNA Synthesis (7/31/19). Deadlines for CSP Annual Call and JGI-EMSL refer to required LOIs. See https://jgi.doe.gov/user-programs/program-info/how-to-propose-a-csp-project/ for details. Email: avisel@lbl.gov  
CFDA Number: 81.049  
Contact: Axel Visel, Program Manager  
OBER  
510-541-2452  
--------------------------------------------

Program: Science Undergraduate Laboratory Internships (SULI)  
Agency: U.S. Department of Energy  
Next Deadline: May 29, 2019  
Program encourages undergraduate students to pursue STEM careers by providing research experiences at DOE National Laboratories. Interns perform research, guided by laboratory staff, on projects related to ongoing programs. Appointments are for 10 weeks in the summer, 16 weeks in the spring and fall. Each DOE laboratory/facility offers different research opportunities; not all DOE laboratories/facilities offer internships during the Fall and Spring Terms. Applications for Fall 2019 term due 5/29/19. See http://science.energy.gov/wdts/suli/ for updates. Email: https://science.energy.gov/wdts/suli/contact/  
CFDA Number: N/A  
Contact: Program Office  
ERULF  
202-586-5430  
--------------------------------------------

Program: Joint Fire Science Programs  
Agency: U.S. Department of the Interior  
Next Deadline: May 16, 2019  
Supports studies to address problems associated with managing wildland fuels, fires, and fire-impacted ecosystems. Topics vary. Also supports a Graduate Research Innovation (GRIN) award. See https://www.firescience.gov/JFSP_funding.cfm for details. Email: j2hall@blm.gov  
CFDA Number:  
Contact: John Hall, Program Manager  
208-387-5945  
--------------------------------------------
**Program:** North American Wetlands Conservation Act Grants  
**Agency:** U.S. Department of the Interior  
**Next Deadline:** Jul 03, 2019  
Provides matching funds for wetlands conservation partnership projects that ensure long-term benefits to wetland ecosystems and the waterfowl, fish and wildlife that depend on such habitats. Supports acquisition, enhancement, and restoration of wetland and wetland-associated habitats. Supports U.S. Small Grants (10/17/19); and U.S. Standard Grants (2/22/19 and 7/3/19). Mexico (6/24/19) and Canada (8/23/19). A 1:1 match is required for most programs. Each grant and match dollar, except for indirect costs, must be linked to an acre acquired, restored, enhanced, and/or established. See http://tinyurl.com/q354uun for updates. Email: dbhc@fws.gov

**CFDA Number:** NW  
**Contact:** Rodecia McKnight, Division of Bird Habitat Conservation  
FWS  
703-358-2266

**Program:** Earthquake Hazards Program  
**Agency:** U.S. Department of the Interior  
**Next Deadline:** May 29, 2019  
Supports research on earthquake occurrence and effects. Program elements: national and regional earthquake hazards assessments; earthquake information, monitoring and notification; research on earthquake occurrence, physics, effects impacts, and risks; and earthquake safety policy. All proposed work must indicate how the expected results would be applied to reducing losses from earthquakes in the United States. Collaboration is encouraged. See http://earthquake.usgs.gov/research/external/ for details. Email: mrussell@usgs.gov

**CFDA Number:** 15.807  
**Contact:** Margaret Eastman, Program Officer  
GS  
703-648-7366

**Program:** Federal Railroad Administration BAA  
**Agency:** U.S. Department of Transportation  
**Next Deadline:** May 31, 2019  
Notice seeking concept papers to support basic and applied technology research on rail technologies that have a direct impact on the safety and efficiency of freight and passenger rail operations. Funds support four research areas: Safety, Track, Rolling Stock, Train Control and Communications, and Program Evaluation. See https://www.fra.dot.gov/Page/P0506 for details. Email: devona.jackson@dot.gov

**CFDA Number:** 15.807  
**Contact:** Devona Jackson, BAA Contracting Officer  
FRA  
202-493-6181

**Program:** Great Lakes Restoration Initiative (GLRI)  
**Agency:** U.S. Environmental Protection Agency  
**Next Deadline:** May 28, 2019  
Supports protection and clean-up of Great Lakes Ecosystem, and the restoration and maintenance of its chemical, physical, and biological integrity. Solicitations include: Integrated Atmospheric Deposition Network, which seeks proposals for projects that monitor the long-term air deposition of persistent toxics or that conduct targeted and non-targeted surveillance of new and emerging chemicals. See https://www.epa.gov/great-lakes-funding/great-lakes-rfas for details. Email: ager.derek@epa.gov

**CFDA Number:** 66.469  
**Contact:** Derek Ager, Program Officer  
GLRI  
312-353-7463

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Thursday, April 18, 2019  
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