October 2019 Research Funding Update

Arts & Humanities

Building Bridges and Cultural Exchange Fund
Association of Performing Arts Professionals
Details: https://www.apap365.org/Programs/Funding-Opportunities
Deadlines: October 30, 2019 and April 30, 2020
Building Bridges supports U.S.-based performing arts presenting organizations interested in building interdisciplinary cross-campus and community collaborations that expand awareness, knowledge and understanding of Muslim societies. APAP will administer up to eight grants of $100,000-200,000 each. Cultural Exchange Fund supports U.S. organizations, groups, or individuals in order to build partnerships and collaborations outside of the U.S. and to experience the work of artists from around the world in its cultural context. Annual deadlines: 4/30 and 10/30.

Grants Program
Weill (Kurt) Foundation for Music
Details: http://www.kwf.org/grants-a-prizes/grantprogram
Deadlines: Nov 01, 2019 and June 01, 2020
Promotes the public appreciation of the music of Kurt Weill, Lotte Lenya, and Marc Blitzstein. Funding will be provided for research and travel, dissertation fellowships, publication assistance, educational outreach, and college/university performances. Annual deadlines: 6/1 (for certain college/university performance grants) and 11/1. Applications for support of major professional productions/festivals/exhibitions, etc., will be evaluated on a case-by-case basis without application or performance deadlines.

Research and Scholar Programs
Russell Sage Foundation
Details: http://www.russellsage.org/howto-apply
Deadline: Nov 26, 2019
Supports research in the social sciences. Presidential Awards of up to $35,000 and Project Awards from $35,000 to $175,000 support basic social science research to improve social policies. Program areas include: 1) Inequality; 2) Future of Work; 3) Race, Ethnicity & Immigration; and 4) Behavioral Economics. Annual deadlines (for required LOIs) 5/23/19 (areas 1, 3, 4); 8/19/19 (only areas 2, 4) and 11/26/20 (areas 1,3,4, others). Additional programs include Grants for Computational Social Science (8/19/19); Visiting Scholar positions (6/27); and Small Grants Program (applications accepted anytime).

Digital Humanities Advancement Grants
National Endowment for the Humanities
Details: http://tinyurl.com/j7vhlj9
Deadline: Jan 15, 2020
Supports development and implementation of digital initiatives in all areas of the humanities. Grants may involve: research that brings new digital approaches to the humanities; new digital modes of publication; exploration of digital approaches to preserve, archive, and make accessible traditional and "new media" resources in the humanities; new digital tools; and programs addressing emerging digital technologies in education settings. Replaces Digital
Humanities Startup and Implementation Grants. Choose between Level I (up to $50,000), Level II (up to $100,000), and Level III awards (up to $325,000 with optional match up to $50,000).

Media Projects: Development and Production Grants
National Endowment for the Humanities
Details: https://tinyurl.com/y7otumda and https://tinyurl.com/y9z4rdpf
Deadline: Jan 15, 2020 (tentative)
Encourages projects that feature multiple formats to engage the public in the exploration of humanities ideas in the following areas: interactive digital media; film and television; and radio. Development grants (generally $40,000 to $75,000) enable media producers to collaborate with scholars to develop humanities content and to prepare programs for production. Production grants (generally $100,000 to $650,000) enable producers and scholars to continue their engagement with humanities topics. Expect new guidelines two months before deadline.

National Digital Newspaper Program
National Endowment for the Humanities
Details: http://www.neh.gov/grants/preservation/national-digital-newspaper-program
Deadline: Jan 15, 2020
NEH seeks proposals from institutions to participate in the creation of a national, digital resource of historically significant newspapers from all the states and U.S. territories published between 1836 and 1922. NEH expects to award cooperative agreements of up to $325,000 each for two years. One organization per state will be selected to collaborate with other organizations in the state. This program receives an average of 15 applications per year and makes an average of 13 awards, for a funding ratio of 87 percent.

Sustaining Cultural Heritage Collections
National Endowment for the Humanities
Details: http://www.neh.gov/grants/preservation/sustaining-cultural-heritage-collections
Deadline: Jan 15, 2020
Supports projects that explore and implement sustainable preservation measures for large and diverse holdings of humanities materials that are designed to mitigate the greatest risks to collections rather than to meet prescriptive targets. The maximum award for planning grants is $50,000, for up to two years. Grants can be made for up to five years for implementation projects, with a maximum award of $350,000.

National Historic Publications & Records Commission
National Archives and Records Administration
Details: http://www.archives.gov/nhprc/announcement/
Deadline: Jan 26, 2020
Supports archival projects, editing projects, educational programs, fellowships, publication grants, and projects dealing with electronic records including digitization. All projects must help to identify, preserve, publish, and increase public access to non-federal sources that document the history of the U.S. Competitions include access to Historical Records: Archival Projects (10/3/19) and Major Initiatives (1/26/20 preliminary proposal) - required preproposals; Archives Collaboratives: Planning Grants (4/4/19); Publishing Historical Records in Documentary Editions (6/12/19 and 10/3/19); and Public Engagement with Historical Records (10/3/19).

Educational Grants; Film Festival Grants; Academy Film Scholars Program
Academy of Motion Picture Arts and Sciences
Details: http://www.oscars.org/education-grants/grants
Deadline: Jan 31, 2020
Grant programs provide support to film festivals, educational institutions and film scholars: FilmWatch grants support curated screening programs at North America-based film festivals, film societies and other film-related organizations, up to $20,000 (11/1/19); FilmCraft grants support high-quality educational programs that identify and empower future filmmakers from nontraditional backgrounds, up to $20,000 (12/1/19); and Academy Film Scholars grants of $25,000 are awarded to previously published individuals who are pursuing significant new works of film scholarship (1/31/20).
**Education**

**Research and Conference Grants**  
Spencer Foundation  
Details: [http://www.spencer.org/field-initiated-0](http://www.spencer.org/field-initiated-0)  
Deadline: Nov 01, 2019 and July 1, 2020  
Program relies on researchers to determine the most important issues to pursue. Supports Lyle Spencer Research Awards (TBD) 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 (TBD) up to $50,000 provide support to scholars for small research conferences and focused symposia. Large (TBD) and Small (7/1, 11/1) Research Grants cover any topic that falls within Spencer’s mission.

**Grants Program**  
VentureWell  
Details: [http://venturewell.org/](http://venturewell.org/)  
Deadline: Nov 06, 2019  
Offers multidisciplinary awards to faculty and students of member institutions for collaborative programs to promote invention, innovation, and entrepreneurship. E-Team Grants (student deadline: 2/6/19) of up to $25,000 may be used for further development or commercialization. Faculty grants for up to $30,000 (11/6/19) support the creation of new courses and programs in which students develop ideas and gain the skills to bring them to market. BMEidea competition offers university biomedical entrepreneurs the chance to win $10,000 [4/3/19]. Other programs may be available.

**Grants Program**  
Agency: Ethics and Excellence in Journalism Foundation  
Details: [http://inasmuchfoundation.org/journalism-foundation/](http://inasmuchfoundation.org/journalism-foundation/)  
Deadline: Nov 15, 2019  
Supports creative projects and academic research that promote the pursuit of excellence and adherence to high ethical standards in journalism. Annual LOI deadlines: 5/15 and 11/15. Required one-page LOI must include an overview of the organization and overview of the intended project. LOIs will be accepted beginning two months before the deadline.

**Open Society Fellowships**  
Open Society Institute  
Details: [https://www.opensocietyfoundations.org/grants](https://www.opensocietyfoundations.org/grants)  
Deadline: Nov 20, 2019 (target date)  
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. The Soros Justice Fellowships competition is now open (11/20/19). A variety of funding opportunities are ongoing annually. Most FOAs require a letter of intent.

**Grant Program**  
Bradley (Lynde and Harry) Foundation, Inc.  
Details: [http://www.bradleyfdn.org/](http://www.bradleyfdn.org/)
Deadline: Jan 2020 (target date)
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.

AmeriCorps State and National
Corporation for National and Community Service
Details: https://www.nationalservice.gov/grants-funding/funding-resources/cncs-funding-opportunities-resources
Deadline: Jan 08, 2020
AmeriCorps grants are designed to address community needs through the assistance of individuals who commit to a term of service of 300 to 1700 hours per year. Several grants offered with slightly differing objectives. Focus areas include Economic Opportunity, Education, Veterans and Military Families, Rural Intermediaries, Faith-based Organizations, and Healthy Futures.

Grants & Programs
The Wallace Foundation
Details: http://www.wallacefoundation.org/learn-about-wallace/GrantsPrograms/Pages/default.aspx
Deadline: Jan 2020 (target date)
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.

Grant Program
FINRA Investor Education Foundation
Details: https://www.finrafoundation.org/general-grant-program
Deadline: Continuous Submission
FINRA supports innovative research and educational projects that give investors tools and information needed to better understand markets and the basic principles of saving and investing. Projects are encouraged in: using behavioral finance to improve saving and investing; meeting financial and investor education needs of underserved audiences; creating new marketing and distribution channels for financial and investor education; and helping retirees manage finances. Annual deadline: accepts project concept forms, from which proposals will be invited, at any time during the year.
MCH Research Program
Health Resources and Services Administration
Details: [http://mchb.hrsa.gov/research/funding-opportunities.asp](http://mchb.hrsa.gov/research/funding-opportunities.asp)
Deadline: Nov 12, 2019
Supports applied research relating to maternal and child health services including services for children with special health care needs. Research proposals should address critical MCH questions such as public health systems and infrastructure, health disparities, quality of care, and promoting the health of MCH populations. Also supports Field-Initiated Innovative Research Studies (11/12) and Secondary Data Analysis Program (TBD).

Avenir Award Program for Research on Substance Abuse and HIV/AIDS (DP2)
National Institutes of Health
Deadline: Nov 13, 2019
The Avenir Award Program for Research on Substance Abuse and HIV/AIDS will support research approaches, both basic and clinical, which have the potential to benefit substance using populations with or at risk for HIV/AIDS by reducing HIV incidence, improving therapies for HIV, reducing the impact of comorbid conditions, and ultimately, eradicating HIV. Annual deadline is 11/13 through 11/14/19.

Research Grants
Gerber Foundation
Details: [http://www.gerberfoundation.org/](http://www.gerberfoundation.org/)
Deadline: Nov 15, 2019
Supports nutrition-related interventions to improve infant health and development from first year before birth to age three. Projects should have a specific nutrition focus with defined outcome parameters. Of particular interest are projects with broad applicability to the general population offering a substantial promise of meaningful advances in prevention and treatment of diseases. Up to $350,000 available per award. Novice Researcher Award also available with up to $20,000 per project. Annual deadlines: 5/15, 11/15 for required concept papers.

Computationally-Defined Behaviors in Psychiatry (R21 Clinical Trial Optional)
National Institutes of Health
Deadline: Nov 20, 2019
Supports research projects that will apply computational approaches to develop parametrically detailed behavioral assays across mental-health relevant domains of function. Projects must focus on behavior in humans and test computational models in healthy subject, particularly the study of behavioral measures, models, and parameters that have the potential for back-translation from humans to animals, especially for pre-clinical therapeutics development, and/or in models that have the potential to be extended to clinical populations. Annual deadline: 11/20 through 11/21/20.

Rural Health Network Development Planning Grants
Health Resources and Services Administration
Deadline: Nov 29, 2019
Promotes planning and development of healthcare networks in order to achieve efficiencies; expand access to, coordinate, and improve the quality of essential health care services; and strengthen the rural health care system as a whole. This program brings together key parts of a rural health care delivery system, particularly entities that may not have collaborated in the past under a formal relationship, to establish and improve local capacity and coordination of care to address regional or local community health needs.

Genetics & Developmental Biology Research
National Institutes of Health
Details: https://www.nigms.nih.gov/about/overview/Pages/GMCDB.aspx
Deadline: Nov 2019
Supports research to understand the structure and function of cells and cellular components, and the cellular and molecular mechanisms that underlie inheritance, gene expression, and development. The results of this research form the foundation for advances in diagnosing, preventing, treating, and curing a wide variety of diseases. Most of the projects supported by the division make use of research organisms, which advance the general understanding of biological processes. Annual deadline: accepts unsolicited applications on any relevant topic. Call or email to determine interest.

Hematology Research
National Institutes of Health
Details: https://www.niddk.nih.gov/about-niddk/researchareas/hematologic-diseases
Deadline: Nov 2019
Supports ongoing research with emphasis on a broad approach to understanding the normal and pathologic function of blood cells and the blood forming (hematopoietic) system. Major areas of interest include diseases such as sickle cell anemia, thalassemias, aplastic anemia, iron deficiency anemia, hemolytic anemias, and thrombocytopenia. Annual deadline: NIDDK accepts unsolicited applications on any relevant topic. Call program officer to determine interest.

Rural Health Funding Opportunities
Health Resources and Services Administration
Details: https://www.hrsa.gov/ruralhealth/programopportunities/fundingopportunities/default.aspx
Deadline: Dec 2019 (target date)
Supports development of new and innovative health care delivery systems in rural communities that lack essential care services. Emphasis on service through collaboration, requiring consortiums 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 including several due dates in Dec. 2019.

Grants Program in Nutrition (Education, Training, and Research)
Allen Foundation, Inc.
Details: https://www.allenfoundation.org/commoninfo/about us.asp
Deadline: Jan 15, 2020
Supports education, training, and research projects in the area of human nutrition. The connections between diet and health remain a basic and primary priority. Other priorities include: nutritional education and training for new and expectant mothers, training for nutritional educators and trainers, dissemination. PIs from academic institutions must be full-time tenured
or tenure-track faculty members. Proposals received after the deadline will be considered the following year. Annual deadline: 1/15.

**Communication Disorders Research**  
National Institutes of Health  
Deadline: Jan 2020 (target date)  
Supports investigator-initiated research on all aspects of hearing, equilibrium, speech, voice, language, & the special senses (taste, touch, smell). Included are clinical & basic studies of anatomical, physiological, biochemical, behavioral, & pathological aspects of communicative & neurosensory disorders. Also supports research, development & evaluation of communicative aids & literacy of individuals who are deaf or hearing impaired. Annual deadlines: accepts unsolicited applications on any relevant topic. Call or email to determine interest.

**Environmental Health Sciences Research**  
National Institutes of Health  
Details: [http://tinyurl.com/ka6hz98](http://tinyurl.com/ka6hz98)  
Deadline: Jan 2020 (target date)  
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.

**Psychotic Disorders Research Program**  
National Institutes of Health  
Details: [http://www.nimh.nih.gov/funding](http://www.nimh.nih.gov/funding)  
Deadline: Jan 2020 (target date)  
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.

**Health Care Quality Improvement & Efficiency Grants**  
Commonwealth Fund  
Details: [https://www.commonwealthfund.org/grants-fellowships](https://www.commonwealthfund.org/grants-fellowships)  
Deadline: Continuous Submission  
Supports independent research on health and social issues and makes grants to improve health care practice and policy through four programs: delivery system innovation and improvement; health policy reform; health system performance assessment and tracking; and international program. Annual deadline: LOIs accepted on a rolling basis.
Natural Science and Mathematics

Condensed Matter Physics (CMP)
National Science Foundation
Details: [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505464](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505464)
Deadline: Nov 01, 2019
Supports experimental and experimental/theoretical projects on the fundamental physics behind phenomena exhibited by condensed matter systems. Current interests include phenomena at the nano- to macro-scale; low-temperature physics; soft condensed matter; the fundamental physics of new states of matter; and the physical behavior of condensed matter under extreme conditions. Annual deadline: proposal window of 10/1-11/1.

Polymers (POL)
National Science Foundation
Deadline: Nov 01, 2019
Supports fundamental research and education on polymeric materials and polymer science. Portfolio is mainly experimental and diverse with components of materials science, chemistry, physics, and related disciplines. Interdisciplinarity is stressed. Central goals include advancing foundations of polymer science and pushing back the wide horizon of the field. Broad areas addressed include synthesis, molecular assembly, characterization, phase behavior, structure, morphology, and properties. Annual deadline: proposal window of 10/1-11/1.

Geometric Analysis
National Science Foundation
Deadline: Nov 05, 2019
Supports research on differential geometry and its relation to partial differential equations, global analysis, analysis on manifolds, several complex variables and Lie representation theory; geometric aspects of math, physics and dynamical systems; and convex sets, integral geometry, and related geometric topics. Annual deadline: first Tuesday in November.

Topology
National Science Foundation
Deadline: Nov 05, 2019
Supports research on algebraic topology, including homotopy theory, ordinary and extraordinary homology and cohomology, cobordism theory, and K-theory; topological manifolds and cell complexes, fiberings, knots, and links; differential topology and actions of groups of transformations; geometric group theory; and general topology and continua theory.

Advancing Informal STEM Learning (AISL)
National Science Foundation
Deadline: Nov 06, 2019
Supports research on challenges/opportunities in informal education; anticipate radically different structures, functions, and purposes of informal STEM education; challenge existing assumptions about learning and environments; and envision the future needs of diverse learners, educators, and STEM professionals. Supports six projects: Pilots and Feasibility
Studies; Research in Service to Practice; Innovations in Development; Broad Implementation; Literature Reviews, Syntheses, or Meta-Analyses, and Conferences. Annual deadline: 11/6. Limited submission: Only three proposals per organization are allowed.

Discovery Research K-12 (DR-K12)
National Science Foundation
Deadline: Nov 13, 2019
Supports work on immediate challenges that are facing preK-12 STEM education, and those that anticipate radically different structures and functions of preK-12 teaching and learning. Funds support three tracks: Assessment; Learning; and Teaching. Projects should build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Annual deadline: second Wednesday in November.

Applied Mathematics
National Science Foundation
Deadline: Nov 15, 2019
Supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. Proposals to develop critical mathematical techniques from individual investigators and interdisciplinary teams are encouraged. Annual deadline: proposal window is 11/1-11/15.

Astronomy and Astrophysics Research Grants (AAG)
National Science Foundation
Details: [http://tinyurl.com/z8s48hg](http://tinyurl.com/z8s48hg)
Deadline: Nov 15, 2019
Provides individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in astronomy and astrophysics. The Program also considers proposals for projects and tools that enable or enhance astronomical research. Proposals may span multiple disciplines and/or areas of study and may utilize multiple techniques. Annual deadline: proposal window 10/1-11/15.

LIGO Research Support
National Science Foundation
Details: [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505443](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505443)
Deadline: Nov 27, 2019
Supports research at the frontiers of science aimed towards answering questions about the nature of space and time, the gravitational attraction at atomically small and cosmological large distances and the use of gravitational waves to explore the universe through the commissioning and operation of the Laser Interferometer Gravitational-Wave Observatory (LIGO). Funds support LIGO users and other experimental investigations in gravitational physics and related areas. Annual deadline: fourth Wednesday in November.

Social Psychology
National Science Foundation
Deadline: Jan 15, 2020
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.

**Decision, Risk, and Management Sciences (DRMS)**
National Science Foundation
Deadline: Jan 18, 2020 (target date)
Supports research projects, dissertation research, workshops, and small grants for time-sensitive and high-risk projects to increase understanding and effectiveness of decision making by individuals, groups, organizations, and society. Topics of interest include judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. Annual target deadlines: 1/18, 8/18.

**Biological Anthropology**
National Science Foundation
Details: [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505067](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505067)
Deadline: Jan 21, 2020
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. Annual deadlines: January 20 (January 21 in 2020) and July 20. Program also supports doctoral dissertation research improvement grants. Annual deadlines: January 20 (January 21 in 2020) and July 20.

**Economics**
National Science Foundation
Deadline: Jan 21, 2020 (target date)
Supports research designed to improve understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. Supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance. Annual deadlines: target dates are 1/18 (1/21 in 2020) and 8/18.

**Louis Stokes Alliances for Minority Participation (LSAMP)**
National Science Foundation
Details: [http://tinyurl.com/44resev](http://tinyurl.com/44resev)
Deadline: Jan 31, 2020
Supports the graduation of well-prepared, highly-qualified students from underrepresented groups who pursue graduate studies or careers in STEM. Funding mechanisms include: Bridge to the Doctorate (first Friday in November); STEM Pathways and Research Alliances (TBD); New and Renewal LSAMP Pre-Alliance Planning (third Friday in November); Bridge to the Baccalaureate (third Friday in November); STEM Pathways Implementation-Only Projects (third Friday in November); and Louis Stokes Regional Centers of Excellence in Broadening
Participation (last Friday in January). Limited submission: one proposal per institution, alliance, PI, or Co-PI. Annual deadlines: varies by mechanism.

**Sociology**

National Science Foundation
Details: [http://tinyurl.com/cgu7jil](http://tinyurl.com/cgu7jil)
Deadline: Jan 15, 2020
Supports basic research on social organization: societies, institutions, groups, demography and processes of individual and institutional change. Encourages investigations on fundamental social processes, such as research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. Annual deadlines: research target dates are 1/15, 8/15.

**Developmental Sciences**

National Science Foundation
Deadline: Jan 15, 2020
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.

**Linguistics Programs**

National Science Foundation
Deadline: Jan 15, 2020
Supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. Annual deadlines: target dates are 1/15, 7/15.
Metals and Metallic Nanostructures (MMN)
National Science Foundation
Details: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505465
Deadline: Nov 01, 2019
Supports fundamental research and education on the relationship between processing, structure and properties of metals and their alloys. Supports experimental research while encouraging theory and computational materials science. Support includes: equilibrium, non-equilibrium and far-from equilibrium structures; thermodynamics; kinetics; diffusion; interfaces; oxidation; performance in extreme environments; recyclability; magnetic behavior; thermal transport; plastic flow; and similar phenomena. Annual deadline: proposal window is 10/1-11/1.

Research Associateship Programs
National Research Council
Details: http://sites.nationalacademies.org/pga/rap/
Deadline: Nov 01, 2019, Feb 01, 2020, May 1, 2020
Supports basic and applied research by graduate students, recent Ph.D.s and senior researchers at federal laboratories and research facilities. Stipends support research in chemistry; earth and atmospheric sciences; engineering and applied sciences; biological, health, and behavioral sciences; neuroscience; biotechnology; math; space and planetary sciences; and physics. Annual deadlines: 2/1, 5/1, 8/1, 11/1 (or next business day if deadline falls on weekend). Not all laboratories participate in all four rounds.

Advanced Technologies and Instrumentation (ATI)
National Science Foundation
Details: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505586
Deadline: Nov 15, 2019
Supports individual investigator and collaborative research grants for development of new technologies and instrumentation for astronomy and astrophysics. Supported categories include but are not limited to: advanced technology development or concept feasibility studies and specialized instrumentation to enable new observations that are difficult or impossible to obtain with existing means. Proposals may include hardware and/or software development and/or analysis to enable new types of astronomical observations. Annual deadline: proposals are accepted any time between 10/1-11/15.

Mind, Machine and Motor Nexus
National Science Foundation
Details: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505402
Deadline: Nov 2019 (target date)
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.

Cyberinfrastructure for Biological Research
National Science Foundation
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.

**Mechanics of Materials and Structures (MOMS)**
National Science Foundation
Deadline: Jan 2020
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.

**Partnerships for Innovation**
National Science Foundation
Details: [http://tinyurl.com/q8x4tju](http://tinyurl.com/q8x4tju)
Deadline: Jan 08, 2020
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. Annual deadline: second Wednesday in January and July.

**Collaborative Science, Technology, and Applied Research (CSTAR) Program**
U.S. Department of Commerce
Details: [https://www.weather.gov/sti/r2o_cstar](https://www.weather.gov/sti/r2o_cstar)
Deadline: Nov 20, 2019
Supports research to improve the overall forecast and warning capabilities of the operational hydrometeorological community by addressing science and technology research priorities through collaborative research efforts. Projects should apply new science, data, and technologies for the provision of improving the following: lead time and accuracy of forecasts and warnings for high impact weather, water, and climate events; and impact-based decision support services and the application and integration of physical and social sciences for improved messaging of weather, water, and climate hazards. Annual deadline: 11/20.