July Research Funding Update

Arts & Humanities

Short Documentaries
National Endowment for the Humanities
Details: https://www.neh.gov/grants/listing/shortdocumentaries
Deadline: Aug 12, 2020
Support single or series of documentary films of up to 30 minutes in length that engage audiences with humanities scholarship in appealing ways. Films should address significant figures, events or ideas and may be intended for regional or national distribution via broadcast, festivals and/or online distribution. The subject of films in the current competition must be related to "A More Perfect Union": NEH Special Initiative Advancing Civic Education and Commemorating the Nation's 250th Anniversary. Nine awards up to $300,000 each are available.

Research and Scholar Programs
Russell Sage Foundation
Details: http://www.russellsage.org/how-to-apply
Deadline: Aug 20, 2020
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) 5/21/20 (timely or coronavirus focused); 8/5/20 (areas 1-4; also Decision Making; and Immigration and Integration) and 11/26/19 (areas 1,3,4, others). Additional programs include Small Grants Program (applications accepted anytime); more.

Furthermore Grants in Publishing
J.M. Kaplan Fund
Details: https://www.furthermore.org
Next Deadline: Sep 01, 2020
Supports nonfiction books about art, architecture, and design; cultural history, the city, and related public issues; and conservation and preservation. Grants apply to writing, research, editing, design, indexing, photography, illustration, printing and binding. Makes grants between $1,500 and $15,000. There is some emphasis on New York City and state. Proposals to which a publisher is already committed are usually preferred. Annual deadlines: 3/1, 9/1.

American Region Opportunities
Chiang Ching-kuo Foundation
Deadline: Sep 15, 2020
Supports the study of Chinese culture and society. Conference, seminar, and/or workshop grants provide up to $25,000 for institutions to host conferences and workshops on specific subjects related to Chinese studies. Applicants are encouraged to review the following opportunities: Scholar Grants ($35,000); Doctoral Fellowships (18,000); Research Grants ($120/day for 30 days); and Publication Subsidies ($10,000). Annual deadlines: deadlines vary by program, but application due dates are typically 1/15, 9/15, and/or 10/15. The competition opens on August 1.
**Grant Programs**
Graham Foundation
Details: [http://tinyurl.com/qbrt8a](http://tinyurl.com/qbrt8a)
Deadline: Sep 15, 2020
Program offers grants in architecture and its role in arts, culture and society: Production and Presentation Grants for individuals or organizations; and Research and Development Grants for individuals. Grants fund production-related expenses to take a project from conceptualization to realization and public presentation and provide seed money for research-related expenses. Annual deadlines: 2/25 for organizations, 9/15 for individuals. Also offers Carter Manny Award, which supports dissertation research and writing by promising doctoral students (11/15).

**Asian Studies Grants**
Association for Asian Studies
Details: [http://www.asian-studies.org/Grants-and-Awards/AAS-Grant-Programs](http://www.asian-studies.org/Grants-and-Awards/AAS-Grant-Programs)
Deadline: Oct 01, 2020
The Association for Asian Studies (AAS) is a scholarly, non-political, non-profit professional association open to all persons interested in Asia and the study of Asia. AAS offers several grants to support the research of North American scholars to improve the quality of teaching about Asian cultures at the college and pre-college levels. Grant amounts, details and deadlines vary according to program. Annual deadlines: 2/1, and 10/1, with programs to support bringing speakers to campus due 12/1. Also offers prizes for scholarly books.

**National Historic Publications & Records Commission**
National Archives and Records Administration
Deadline: Oct 08, 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 (preliminary proposal 1/16/20; Archives due 10/8/20); Archives Collaboratives: Implementation Grants (1/16/20, 6/10/20); Publishing Historical Records (6/10/20, 10/8/20); Public Engagement (10/8/20) and State Board Programming Grants (6/10/20).

**Congressional Research Awards**
Dirksen Congressional Center
Details: [http://www.dirksencenter.org/print_programs_overview.htm](http://www.dirksencenter.org/print_programs_overview.htm)
Deadline: Oct 2020 (target date)
Provides up to $3,500 for several proposals of original research on congressional leadership and the U.S. Congress. The Center allocated $50,000 in 2019 for awards. Applicants may include political scientists, historians, biographers, scholars of public administration or American studies, journalists, and others. Research teams are eligible. Graduate students encouraged to apply for dissertation support. Annual deadline: applications accepted any time.
Education

Technology and Media Services for Individuals with Disabilities
U.S. Department of Education
Deadline: Aug 14, 2020
Supports projects to improve results for children with disabilities by promoting the use of technology. Multiple competitions with slightly different CFDA numbers. Current competition Stepping-up Technology Implementation CFDA 84.327S.

Education Stabilization Fund: Reimagine Workforce Preparation (ESF-RWP)
U.S. Department of Education
Details: [https://tinyurl.com/y8dkwvh7](https://tinyurl.com/y8dkwvh7)
Deadline: Aug 24, 2020
Provides support for economic and workforce development initiatives to help alleviate the impact of the COVID-19 (coronavirus) pandemic. It supports projects on two tracks: 1) Expanding educational opportunities through short-term, career pathways or sector-based education and training program, and 2) Supporting local entrepreneurship through small business incubators. While only State Workforce Boards are eligible to apply for the funds directly, colleges and universities are eligible for sub-grants.

Economic Literacy Grants Program
Calvin K. Kazanjian Economics Foundation, Inc.
Details: [http://www.kazanjian.org/grants/apply](http://www.kazanjian.org/grants/apply)
Deadline: Sep 10, 2020
Supports a wide range of projects aimed at increasing economic literacy, especially the best way to teach the subject (research, curriculum development); the impact of economic education (policy studies, measurement of economic understanding); and encouragement of youth/young adults to participate in the economic system after finishing school (research, conferences, outreach programs). New strategies for teaching economics including on-line and web-based instruction is of interest. Preference for national projects. Grants average $22,000 but have been up to $150,000. Annual deadlines: 3/10, 9/10. New guidelines expected after January 2020.

Out-of-School Time Career Pathway
U.S. Department of Education
Deadline: Sep 21, 2020
Support to provide students with expanded options to participate in a career pathway, outside regular school hours or as part of an expanded learning program, that leads to a recognized postsecondary credential, such as an industry recognized certification or a certification of completion of an apprenticeship in an in demand industry sector or occupation. Colleges and universities may partner with required lead applicant SEAs and 21st Century Community Learning Centers.
NEA Foundation Grants
National Education Association Foundation
Details: http://www.neafoundation.org/pages/grants-toeducators/
Deadline: Oct 15, 2020
Provides grants to improve academic achievement of students in U.S. public schools and public higher education institutions in any subject areas. Global Achievement Grants supports the development and integration of global competencies into their daily classroom instruction. Student Success Grants (up to $5,000) support initiatives to improve academic achievement. Learning and Leadership Grants support high-quality professional development-- $2,000 for individuals and $5,000 for groups. Applicants must be NEA members. Annual deadlines: 2/5 (Global Learning Fellowship); 2/1, 6/1 and 10/15 (Student Achievement); and 2/1, 6/1 and 10/15 (Learning & Leadership). ***COVID-19 support available with an ad-hoc deadline on 7/15/20***

Community Requests Grant Program
Coca-Cola Foundation
Details: http://www.coca-colacompany.com/ourcompany/community-requests/guidelines/application
Deadline: Oct 2020 (target date)
Grant program foci are: Women (economic empowerment and entrepreneurship); Water (access to clean water, water conservation and recycling); and Well-Being (education, youth development and other community and civic initiatives). In addition, the Foundation supports many local community programs such as arts and culture, community and economic development programs in the United States, as well as HIV/AIDS prevention and awareness programs in Africa and Latin America. Annual deadline: applications accepted anytime.

Research Awards
National Council of Teachers of English
Details: http://www.ncte.org/awards/research
Deadline: Oct 2020 (target date)
NCTE supports research activity and publication in the field of English and English education through a series of research awards, grants, and scholarships. Offers funding for PreK-16 individuals and teams for grants to support research projects related to the teaching and learning of language and literacies. Multiple deadlines available.
Bridges to the Baccalaureate Research Training Program (T34)
National Institutes of Health
Deadline: Sep 25, 2020
Supports partnerships between two-year and four year colleges/universities to facilitate the transition (R25) of underrepresented and/or minority students into baccalaureate degree programs in the biomedical, clinical, behavioral and social sciences research workforce. The goal is to increase the pool of two-year college students from underrepresented backgrounds who go on to research careers. Specific aims must be based on a self-assessment that is consonant with the overall goals and objectives. Limited submission: one application per institution. Annual deadlines: 9/25 through 9/28/21.

Bridges to the Doctorate Program (T32)
National Institutes of Health
Deadline: Sep 25, 2020
Supports institutional partnerships to facilitate seamless transition (R25) of minority students from institutions with departments offering only a masters degree in the biomedical or behavioral sciences to research universities with Ph.D. programs. The goal is to improve training of minority students. Must involve at least two colleges or universities, and may involve a consortium. Application budgets are limited to $250,000 direct costs, per year. Limited submission: one application per institution. Annual deadline: 9/25 through 9/28/21.

NRSA Institutional Research Training Grants (T32)
National Institutes of Health
Deadline: Sep 25, 2020
NRSA Institutional Research Training Grants support the development or enhancement of research training opportunities (predoctoral, postdoctoral, and short-term training for health professional students) for individuals, selected by the institution, who are training for careers in specified areas of biomedical, behavioral, and clinical research. All applications must include a plan for RCR instruction. Contacts, policies, and deadlines vary by NIH Institute, so applicants must contact NIH before applying. Annual deadlines: 1/25, 5/25, 9/25 through 1/8/21.

Communication Disorders Research
National Institutes of Health
Deadline: Sep 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.
National Library of Medicine Extramural Support
National Institutes of Health
Deadline: Sep 2020 (target date)
The Extramural Programs (EP) Division of the National Library of Medicine (NLM) offers grants for research projects and research training in biomedical informatics and data science. Biomedical informatics and data science research applies computer and information sciences to improve the access, storage, retrieval, management, dissemination and use of biomedical information. Annual deadlines vary throughout the year. Applications accepted even when there are no relevant RFAs or PAs. Call to determine interest.

NIAID: Asthma Research
National Institutes of Health
Details: https://www.niaid.nih.gov/
Deadline: Sep 2020 (target date)
Supports investigator-initiated research to prevent asthma from occurring in people & to develop new, better treatments for those who are currently affected. Interests include the role of the immune system in the development, treatment, prevention or worsening of asthma; role pollution & environmental allergens may play; & relationship between asthma & upper respiratory diseases such as rhinitis and sinusitis. Annual deadline: applications accepted even when no relevant RFAs or PAs. Contact NIAID to determine interest.

Bioengineering Research Grants (BRG) (R01)
National Institutes of Health
Deadline: Oct 05, 2020
Supports collaborations between the life and physical sciences that apply a multidisciplinary bioengineering approach to biomedical problems; and accelerates the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice in physics, mathematics, chemistry, computer sciences and engineering. Annual deadlines: 2/5, 6/5, and 10/5 through 5/8/21.

Healthy Habits:Timing for Developing Healthy Behaviors in Children and Adolescents (R01)
National Institutes of Health
Deadline: Oct 05, 2020
Supports innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships. Annual deadlines: 2/5, 6/5, 10/5 through 1/8/21.

Obesity and Asthma: Awareness and Self-Management (R01 Clinical Trial Optional)
National Institutes of Health
Deadline: Oct 05, 2020
Supports research that examines the relationship between asthma, obesity and self-management. Studies that investigate molecular pathways linking asthma and obesity are encouraged as long as the studies describe how this relates to self-management. In addition,
intervention studies targeting asthma or obesity and their effects on each other, and possible mechanisms of action and effect on behavior, are encouraged. Annual deadlines: 2/5, 6/5, 10/5 through 1/8/21.

Research on Autism Spectrum Disorders (R01)
National Institutes of Health
Deadline: Oct 05, 2020
Supports research designed to study the etiology, epidemiology, diagnosis, treatment and optimal means of service delivery in relation to autism spectrum disorders (ASD). Basic research into the pathophysiology of ASD, including research on brain mechanisms and genetics, is of special interest. Program intended to support research goals of the Strategic Plan for ASD Research. Annual deadlines: 2/5, 6/5, 10/5 through 1/8/21. Optional companion funding is available.

NOSI: Availability of Administrative Supplements and Urgent Competitive Revisions for Research on Stress Management in Relation to COVID-19
National Institutes of Health
Deadline: Oct 06, 2020 (target date)
Supports the urgent need for research on COVID-19. Topics of specific interest for this NOSI include research on stress management strategies, including mind and body approaches, that individuals may engage in remotely to address stressors related to social distancing, as well as to address recovery and recurrence of symptoms during and after COVID-19 infections. Check the I/C FOA for annual deadlines. Applications accepted on a rolling basis through 10/6/20. Investigators are strongly encouraged to contact the program officers to discuss the proposed project in the context of the parent award.

Mentored Career Development Award to Promote Faculty Diversity
National Institutes of Health
Deadline: Oct 09, 2020
This program invites applications to enhance the pool of highly trained investigators from diverse backgrounds underrepresented in research. It is targeted toward individuals whose basic, clinical, and translational research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, and hematologic diseases and sleep disorders in the general and health disparities populations. Annual deadlines: 2/11 and 10/10 through 5/7/21.

Typical and Atypical Patterns of Language & Literacy in Dual Language Learners (R21-Clinical Trial Optional)
National Institutes of Health
Deadline: Oct 16, 2020
Supports investigator-initiated applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations. Annual deadlines: 2/16, 6/16, 10/16 through 12/17/20.
Academic Research Enhancement Award (AREA) for Undergraduate- Focused Institutions
National Institutes of Health
Deadline: Oct 25, 2020
Supports small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing biomedical research experiences primarily for undergraduate students, and enhancing the research environment at these applicant institutions. Eligible institutions must award baccalaureate biomedical science degrees. Applicants must pay attention to special R15 review considerations. Annual deadlines: 2/25, 6/25, 10/25 through 5/8/21.
Natural Science and Mathematics

Saltonstall-Kennedy Grant Program
U.S. Department of Commerce
Details: https://www.fisheries.noaa.gov/grant/saltonstallkennedy-grant-program
Deadline: Aug 07, 2020
Notice funding projects that address the needs of fishing communities, optimize economic benefits by building and maintaining sustainable fisheries, and increase other opportunities to keep working waterfords viable. Projects must meet one of two priority areas: Promotion, Development, and Marketing, or Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting. Deadline refers to required preproposals.

Mathematical Biology
National Science Foundation
Details: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690
Deadline: Sep 08, 2020
Supports research in areas of applied and computational mathematics with relevance to the biological sciences. Projects should be mathematically innovative and address challenging problems of interest to members of the biological community. May include development of mathematical concepts and tools traditionally seen in other disciplinary programs within the Division of Mathematical Sciences, e.g., topology, probability, statistics, and computational mathematics. Annual deadline: proposal window is 8/20-9/5.

Research Experiences for Teachers (RET) in Engineering and Computer Science
National Science Foundation
Details: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505170
Deadline: Sep 16, 2020
Notice seeking proposals to support active long-term collaborative partnerships between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) inservice and pre-service teachers, full-time community college faculty, and university faculty and students to enhance the scientific disciplinary knowledge and capacity of the STEM teachers and/or community college faculty through participation in authentic summer research experiences with engineering and computer science faculty researchers. Annual Deadline: third Wednesday in September.

Analysis
National Science Foundation
Details: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5434
Deadline: Sep 30, 2020
Supports basic research in areas of mathematics whose roots can be traced to the calculus of Newton and Leibniz. Areas of significant activity are nonlinear partial differential equations; dynamical systems and ergodic theory; real, complex and harmonic analysis; operator theory and algebras of operators on Hilbert space; mathematical physics; and representation theory of Lie groups/ algebras. Emerging areas include: random matrix theory and its ties to classical analysis, number theory, quantum mechanics, and coding theory; and development of noncommutative geometry with its applications to modeling physical phenomena. Annual deadline: proposal window is September 16 - September 30.
Division of Chemistry Unsolicited Proposals
National Science Foundation
Deadline: Sep 30, 2020
Supports unsolicited research and education proposals in all traditional areas of chemistry and multidisciplinary fields drawing on the chemical sciences. Annual deadlines. Submit 9/1-9/30 for Chemical Catalysis; Chemical Structure, Dynamics and Mechanisms; Chemical Theory, Models, and Computational Methods; and Chemical Synthesis. Submit 10/1-10/31 for Chemical Measurement and Imaging; Chemistry of Life Processes; Environmental Chemical Sciences; and Macromolecular, Supramolecular and Nanochemistry.

Office of Science Financial Assistance Program
U.S. Department of Energy
Details: http://science.energy.gov/grants/foas/open/
Deadline: Sep 30, 2020
Supports basic and applied research related to energy workforce development for teachers and scientists and 49 technical topics identified by the Office of Science's six scientific program offices: Advanced Scientific Computing, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics. This annual solicitation is issued at the start of each fiscal year (10/1). Submit proposals as early as possible to ensure full consideration.

Humans, Disasters, and the Built Environment (HDBE)
National Science Foundation
Details: http://tinyurl.com/3ywrq6b
Deadline: Sep 2020 (target date)
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.

Education and Human Resources (EHR) Core Research
National Science Foundation
Details: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504924
Deadline: Oct 01, 2020
Supports fundamental research (basic research or use-inspired basic research) that advances knowledge in one or more of the three Research Tracks: Research on STEM Learning and Learning Environments, Research on Broadening Participation in STEM fields, and Research on STEM Workforce Development. Annual deadline: First Thursday in October.

Travel Grants and Mentoring Travel Grants
Association for Women in Mathematics
Details: https://awmmath.org/awards/awm-grants/travel-grants/
Deadline: Oct 01, 2020
Supports travel grants for women mathematics researchers and educators. The goal of this FOA is to enable women to attend conferences in fields supported by the NSF's Mathematical Sciences Division. Up to $2,300 is available for domestic travel and $3,500 for foreign travel.
Mathematics mentoring travel grants (annual deadline: 2/1) provide up to seven awards of up to $5,000 each to help junior women researchers develop long-term working relationships with senior mathematicians. Other awards may be offered. Annual deadlines: 2/1, 5/15, 10/1.

**Petroleum Research Fund Grant Programs**  
American Chemical Society  
Details: [http://www.acs.org/content/acs/en/funding-andawards/grants/prf/programs.html](http://www.acs.org/content/acs/en/funding-andawards/grants/prf/programs.html)  
Deadline: Oct 16, 2020  
Supports fundamental research and education in the petroleum and energy fields. Research areas supported include chemistry, the earth sciences, chemical and petroleum engineering, and related fields such as polymers and materials science. Multiple funding opportunities exist for experienced and new researchers from undergraduate and Ph.D.-granting institutions. ACS membership is not required. Proposal window is 9/21-10/16.

**Division of Chemistry Unsolicited Proposals**  
National Science Foundation  
Deadline: Oct 31, 2020  
Supports unsolicited research and education proposals in all traditional areas of chemistry and multidisciplinary fields drawing on the chemical sciences. Annual deadlines. Submit 9/1/-9/30 for Chemical Catalysis; Chemical Structure, Dynamics and Mechanisms; Chemical Theory, Models, and Computational Methods; and Chemical Synthesis. Submit 10/1-10/31 for Chemical Measurement and Imaging; Chemistry of Life Processes; Environmental Chemical Sciences; and Macromolecular, Supramolecular and Nanochemistry.

**AFOSR: Information and Networks**  
U.S. Department of Defense  
Details: [https://www.wpafb.af.mil/Welcome/Fact-Sheets/Display/Article/842033/](https://www.wpafb.af.mil/Welcome/Fact-Sheets/Display/Article/842033/)  
Deadline: Oct 2020 (target date)  
Supports the discovery and development of foundational issues in mathematical, information and network oriented sciences. Projects are organized along three themes: Information, Decision Making, and Networks. Focus areas include: Computational Cognition and Machine Intelligence; Computational Mathematics; Dynamics and Control; Dynamic Data and Information Processing; Information Assurance and Cybersecurity; Optimization and Discrete Mathematics; Science of Information, Computation, Learning, and Fusion; Trust and Influence; Complex Networks; and Computational Social Sciences. Annual deadline: proposals accepted at any time.
Engineering, Technology, and Computer Science

Computational and Data-Enabled Science and Engineering
National Science Foundation
Details: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504687
Deadline: Sep 15, 2020
Supports the development, adaptation, and utilization of one or more of the capabilities offered by advancement of research and infrastructure in computation and data, either through cross-cutting or disciplinary programs. Program includes all Divisions within the Directorate for Mathematical and Physical Sciences, Directorate for Engineering, as well as the Division of Advanced Cyberinfrastructure. Annual deadline: proposal window 9/1-9/15.

High Energy Physics Program
U.S. Department of Energy
Details: https://science.osti.gov/hep/Funding-Opportunities
Deadline: Sep 30, 2020
DOE's Office of High Energy Physics supports projects that will contribute to the development and understanding of High Energy Physics. Focus areas in experimental research include: Energy Frontier; Intensity Frontier; and Cosmic Frontier. Funds also support Theoretical Research; Research and Development in Accelerator Science and Technology; and Detector Research and Development.

Theodore Dunham, Jr. Grants for Research in Astronomy
Fund for Astrophysical Research
Details: http://fdnweb.org/fundastro/request-for-proposals/
Deadline: Sep 30, 2020
Provides small grant support for astronomy and the acquisition of astronomical equipment, computer time, and computer hardware/software related to the execution of astronomical research. Preference generally given to multi-user facilities. Does not fund equipment used only for teaching, publication costs, or travel costs for meetings. Awards are generally about $3,000, although higher amounts are possible.

Civil Infrastructure Systems (CIS)
National Science Foundation
Details: http://tinyurl.com/3y97u7h
Deadline: Sep 2020 (target date)
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
Communications, Circuits, and Sensing-Systems (CCSS)
National Science Foundation
Deadline: Sep 2020 (target date)
Supports systems research and integrated educational activities in hardware, signal processing techniques, and architectures to enable the next generation of cyber systems that leverage computation, communication, and algorithms integrated with physical domains. Focus areas include: RF Circuits and Antennas for Communications and Sensing; Communication Systems and Signal Processing; Dynamic Bio-Sensing Systems. Annual deadline: proposals accepted at any time.

Electronics, Photonics, and Magnetic Devices (EPMD)
National Science Foundation
Details: [http://tinyurl.com/j7yrwe](http://tinyurl.com/j7yrwe)
Deadline: Sep 2020 (target date)
Supports efforts to improve the fundamental understanding of devices and components based on the principles of micro and nano electronics, photonics, magnetics, organics, electro-optics, electromechanics, electromagnetics, and related physical phenomena. Program advances the frontiers of nanoelectronics, spin electronics, molecular and organic electronics, bioelectronics, biomagnetics, non-silicon electronics, and flexible electronics. Annual deadline: full proposals accepted at any time.

Secure and Trustworthy Cyberspace (SaTC)
National Science Foundation
Details: [http://tinyurl.com/8kw7rwn](http://tinyurl.com/8kw7rwn)
Deadline: Sep 2020 (target date)
Supports proposals that address cybersecurity and privacy, and draw on expertise in one or more of these areas: computing, communication and information sciences; engineering; economics; education; mathematics; statistics; and social and behavioral sciences. Proposals that advance the field of cybersecurity and privacy within a single discipline or interdisciplinary efforts that span multiple disciplines are both encouraged. Funds support core research, cybersecurity education, and efforts to translate research results into practice. Annual deadlines: proposals accepted at any time.

Advancing Digitization of Biodiversity Collections
National Science Foundation
Deadline: Oct 09, 2020
Program seeks to enhance and expand the national resource of digital data documenting existing vouchered biological and paleontological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouchered scientific collections across the United States. The national resource is structured at three levels: a central coordinating organization, a series of thematic networks based on an important research theme, and the physical collections. Limited submission: Only one Thematic Collections Networks (TCN) proposal may be submitted by any one organization as the lead organization. Organizations may be involved in more than one collaborative effort as a non-lead proposal. Annual deadline: second Friday in October.
BAA for Advanced Aircraft Compatibility Science and Technology Expansion
U.S. Department of Defense
Details: https://tinyurl.com/y9p58emd
Deadline: Oct 31, 2020
Supports unique and creative solutions to develop predictive capability of complex mechanical, aerodynamic, acoustical, and electrical phenomena, dynamics and interactions where little or no capability exists, and for advancing models, simulation and analysis in support of all aspects of aircraft-store compatibility beyond those currently in use. Research areas include: Separations; Computational Physical Fit; Computational Fluid Dynamics; Electromagnetic Environmental Effects; Flutter; Stability and Control; Loads; and Ballistics and Safe Escape. Annual deadline: white papers accepted anytime until 10/31/20.