



WICHITA STATE  
UNIVERSITY  
OFFICE OF RESEARCH

## INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

[AWARDS](#)

[FUNDING OPPORTUNITIES](#)

[EDUCATION/TRAINING](#)

### JULY 2020

Congratulations to those who received grants in June! Please help the WSU community stay informed by forwarding any notices of funding opportunities and/or training sessions to [research@wichita.edu](mailto:research@wichita.edu). Good luck to all of you in your research efforts over the next month.

Coleen Pugh, AVP for Research

### AWARDS

#### **WICHITA STATE UNIVERSITY UPWARD BOUND REGULAR PROGRAM IN COMMUNICATION**

PI/Department: Richard Armstrong, Ed-Upward Bound Communication

Sponsor: Department of Education-US

Amount: \$287,537

#### **DETERMINANTS OF SUPPORT FOR POPULISM IN LATIN AMERICA, 1998-2018 (URCA FY21)**

PI/Department: Dinorah Azpuru, Political Science

Sponsor: Internal - University Research/Creative Projects (URCA)

Amount: \$1,500

**PROTECTIVE ANTIGEN TARGETING OF ANTIGEN PRESENTING CELLS IN VACCINATION (URCA)**

PI/Department: James Bann, Chemistry

Sponsor: Internal - University Research/Creative Projects (URCA)

Amount: \$4,500

**SEDGWICK COUNTY CONSULTATION AGREEMENT (2020-2021)**

PI/Department: Andra Bannister, School of Criminal Justice

Sponsor: Sedgwick County

Amount: \$38,175

**VALUE OF PROFESSIONAL MANAGEMENT AND FORM OF GOVERNMENT PUBLIC INFORMATION CAMPAIGN (HOME ACCT)**

PI/Department: Misty Bruckner, Public Policy and Management Center

Sponsor: Kansas Association of City/County Management

Amount: \$3,880

**KANSAS HEALTH FOUNDATION COMMUNITIES SUPPORTING EARLY LITERACY (HOME ACCT)**

PI/Department: Misty Bruckner, Public Policy and Management Center

Sponsor: Opportunity Wichita Inc

Amount: \$300,000

**THE MYTH OF PRIMITIVE SOCIALISM**

PI/Department: Crystal Dozier, Anthropology

Sponsor: Institute for Humane Studies

Amount: \$2,500

**COVID-19 PPE RESPONSE GRANT AWARD FROM BCBS OF KANSAS**

PI/Department: Robert Gerlach, Tech Transfer & Commercialization

Sponsor: Kansas Center for Entrepreneurship

Amount: \$37,000

**COVID-19 PPE RESPONSE GRANT AWARD FROM BCBS OF KANSAS (IN KIND SERVICES)**

PI/Department: Robert Gerlach, Tech Transfer & Commercialization

Sponsor: Mid-America Mfg Tech Ctr

Amount: \$7,500

**EFFECT OF MIDWIFE LED TELEPHONE SUPPORT OR POSTPARTUM GROUP ATTENDANCE ON MENTAL HEALTH IN POSTPARTUM WOMEN (ARC)**

PI/Department: Jamie Harrington, School of Nursing

Sponsor: Internal - Award for Resesarch/Creative projects (ARC)

Amount: \$3,784

**DEVELOPMENT OF A SMART REHABILITATION SYSTEM USING A ROBOTIC EXOSKELETON AND WEARABLE SENSORS (ARC)**

PI/Department: Hongsheng He, Electrical & Computer Engr

Sponsor: Internal - Award for Resesarch/Creative projects (ARC)

Amount: \$3,784

**RII TRACK 1: MICROBIOMES OF AQUATIC, PLANT AND SOIL SYSTEMS (MAPS)  
MEDIATING SUSTAINABILITY (YEAR 3) AND OBSERVATIONAL AND  
EXPERIMENTAL NETWORK ACROSS KANSAS**

PI/Department: Gregory Houseman, Biological Sciences

Sponsor: Unive of Kansas Ctr - Research INC / Natl Science Foundation

Amount: \$9,400

**ONLINE TRIAL STUDY JULY 2020 (HOME ACCT)**

PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$6,500

**EXOSKELETON OVERHEAD DRILLING PHASE 2**

PI/Department: Michael Jorgensen, Biomedical Engineering

Sponsor: Spirit Aerosystems INC

Amount: \$57,100

**EXCELLENCE IN RESEARCH: DEEP LEARNING BASED APPROACHES FOR  
PROTEIN-POST TRANSLATIONAL MODIFICATION SITE PREDICTION**

PI/Department: Dukka KC, Electrical & Computer Engr

Sponsor: North Carolina A&T State University / Natl Science Foundation

Amount: \$195,608

**DISPOSABLE STETHESCOPE PROJECT (HOME ACCT)**

PI/Department: Nancy Kersenbrock, Instit Interdisciplinary Creativity

Sponsor: Innovative Federal Operations Group, Inc.

Amount: \$7,000

**INTEGRATION OF HUMAN FACTORS WITH THE AUTOMATION OF ROBOT-BASED UPPER-LIMB REHABILITATIONS**

PI/Department: Lisa Kline, Psychology

Sponsor: Regional Institute on Aging

Amount: \$25,000

**HIGHLY STRETCHABLE, HYSTERESIS-FREE PIEZORESISTIVE PRESSURE SENSOR USING A RAPID AND COST-EFFECTIVE DIRECT INK WRITING TECHNIQUE (URCA)**

PI/Department: Yongkuk Lee, Biomedical Engineering

Sponsor: Internal - University Research/Creative Projects (URCA)

Amount: \$4,500

**THE KANSAS NASA EPSCOR RESEARCH INFRASTRUCTURE DEVELOPMENT (RID) PROGRAM YEAR 1 AUGMENTATION**

PI/Department: Leonard Miller, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$150,000

**QUANTUM-ASSISTED REAL-TIME PROGNOSTICS AND HEALTH MANAGEMENT (ARC)**

PI/Department: Saideep Nannapaneni, Industrial & Manufacturing Eng

Sponsor: Internal - Award for Resesarch/Creative projects (ARC)

Amount: \$3,784

**RING-OPENING METATHESIS POLYMERIZATION - AMENDMENT #1**

PI/Department: Coleen Pugh, Chemistry

Sponsor: Entegris, Inc.

Amount: \$10,903

**ELECTRODEPOSITION OF NANOCRYSTALLINE COATING ON ADDITIVE MANUFACTURED PARTS FOR ENHANCED STRUCTURAL PERFORMANCE**

PI/Department: Waruna Seneviratne, NIAR-Composites & Structures

Sponsor: Office of Naval Research

Amount: \$480,052

**THE 8 FRONT DOORS PROJECT: EVALUATING NEIGHBORHOOD SOCIAL CAPITAL INTERVENTION IN SOUTH CENTRAL WICHITA (URCA)**

PI/Department: Daria Shamrova, School of Social Work

Sponsor: Internal - University Research/Creative Projects (URCA)

Amount: \$4,474

**INVISIBLE CITIES: POEMS OF THE JEWISH DIASPORA (ARC)**

PI/Department: Samuel Taylor, English

Sponsor: Internal - Award for Resesarch/Creative projects (ARC)

Amount: \$3,120

## **EMERGING MATERIALS FOR HIGH-SPEED MISSILE APPLICATION**

PI/Department: John Tomblin, NIAR-Composites & Structures

Sponsor: Advanced Technology International / Department of Defense

Amount: \$1,600,000

## **KART PROJECT #2 FY21**

PI/Department: John Tomblin, Nat'l Institute for Aviation Res

Sponsor: Kansas Department of Commerce

Amount: \$5,000,000

## **KART PROJECT FY21**

PI/Department: John Tomblin, Nat'l Institute for Aviation Res

Sponsor: Kansas Department of Commerce

Amount: \$5,000,000

## **INSPECTION AND FRACTOGRAPHIC ANALYSIS TO DEVELOP A DIGITAL TWIN FOR A B1 AIRCRAFT**

PI/Department: John Tomblin, Nat'l Institute for Aviation Res

Sponsor: National Center for Manufacturing Sciences / Department of Defense

Amount: \$416,000

## **AN OPTIMAL CONTROL STRATEGY FOR FLEXIBLE SATCOM TERMINAL MANAGEMENT (URCA)**

PI/Department: John Watkins, Electrical & Computer Engr

Sponsor: Internal - University Research/Creative Projects (URCA)

Amount: \$4,500

### **3 SUMMER VISTA ASSOCIATES WITH CHILDREN FIRST**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Children First CEO Kansas Inc

Amount: \$2,600

### **KDHE CHILDHOOD LEAD POISONING PREVENTION PROGRAM (CLPPP)**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment-Kansas / Centers for Disease Control

Amount: \$29,000

### **PROJECT TEAM COACHING - HOME ACCT**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: HealthCore Clinic

Amount: \$3,025

### **FOURTH AMENDMENT TO KANSAS SYSTEM OF A CARE AGREEMENT**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Kansas Department for Aging & Disability Services / Substance Abuse-Mntl Health Srv Adm

Amount: \$185,033



## **SUMMER VISTA ASSOCIATE WITH PEACE CONNECTIONS (HOME ACCT)**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Peace Connections

Amount: \$1,300

## **AGREEMENT FOR PROVISION OF COVID-19 PANDEMIC SUPPORT SERVICES (HOME ACCT)**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Sedgwick County

Amount: \$49,999

## **VISTA WITH STAFFORD COUNTY ECONOMIC DEVELOPMENT (DEVON WILSON)**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Stafford County Economic Development, Inc.

Amount: \$6,000

## **FUNDING OPPORTUNITIES**

### **Focused Funding Opportunities**

For access to [WSU's Pivot](#) account to search for funding opportunities, please sign up and affiliate with Wichita State University using your WSU email address. To request assistance with a customized searching please contact [funding@wichita.edu](mailto:funding@wichita.edu). If any of the following opportunities are of interest to you, please email [proposals@wichita.edu](mailto:proposals@wichita.edu) as soon as possible so that a grant specialist may be assigned to assist.

**Funding Agency: Kansas NSF EPSCoR**

Title: [Internal Funding Opportunities](#)

Application Deadline: White papers will be due September 1, 2020; Full proposals (by invite only) will be due November 16, 2020.

Purpose: In summer 2021, [Kansas NSF EPSCoR](#) will submit a [Research Infrastructure Improvement \(RII\) Track-1 proposal](#) to the National Science Foundation. Details will be announced by this Friday, July 17, 2020 regarding the general theme for internal proposals that will make up key components of this multi-million dollar/multi-year (up to \$20 million over five years) multi-institutional request to NSF. Friday's announcement will include details on Q&A Zoom Sessions that will be held at noon on July 24 and August 13. White papers on major initiatives to improve research infrastructure will be due to the KS NSF EPSCoR office September 1, 2020, with full proposals, by invitation only, due November 16, 2020.

Amount: \$20 million over five years

**Funding Agency: American Association of University Women (AAUW)**

Title: [American Fellowships](#)

Application Deadline: Open August 1 – November 1, 2020

Purpose: "AAUW American Fellowships support women scholars who are completing dissertations, planning research leave from accredited institutions, or preparing research for publication. Applicants must be U.S. citizens or permanent residents. Candidates are evaluated on the basis of scholarly excellence; quality and originality of project design; and active commitment to helping women and girls through service in their communities, professions, or fields of research."

Amount: \$6,000-\$30,000

**Funding Agency: American Association of University Women (AAUW)**

Title: [Career Development Grants](#)

Application Deadline: Open August 1 – November 15, 2020

Purpose: "Career Development Grants provide funding to women who hold a bachelor's degree and are preparing to advance or change careers or re-enter the workforce.

Primary consideration is given to women of color and women pursuing their first advanced degree or credentials in nontraditional fields. Applicants must be U.S. citizens or permanent residents whose last degree was received before June 30, 2015. Funds are available for tuition, fees, books, supplies, local transportation and dependent care.”

Amount: \$2,000-\$12,000

### **Funding Agency: American Psychological Foundation**

Title: [APF Visionary Grant](#)

Application Deadline: April 1, 2021

Purpose: “The APF Visionary Grants seek to seed innovation through supporting research, education and intervention projects and programs that use psychology to solve social problems in the following priority areas: Applying psychology to at-risk, vulnerable populations (e.g., serious mental illness, returning military, those who are incarcerated or economically disadvantaged). Preventing violence. Understanding the connection between behavior and health (e.g. wellness, diabetes, obesity). Understanding and eliminating stigma and prejudice (e.g., race, gender, sexual orientation, religion, age, disability and socioeconomic status).”

Amount: \$20,000 over one year

### **Funding Agency: American Psychological Foundation**

Title: [Wayne F. Placek Grants](#)

Application Deadline: March 1, 2021

Purpose: “The Wayne F. Placek Grant encourages research to increase the general public's understanding of homosexuality and sexual orientation, and to alleviate the stress that lesbian women, gay men, bisexual women, bisexual men and transgender individuals experience in this and future civilizations. Since 1995, the Placek Fund has granted more than \$1 million. The Wayne F. Placek Grant encourages research that addresses the following topics: Heterosexuals' attitudes and behaviors toward lesbian, gay, bisexual and transgender (LGBT) people, including prejudice, discrimination and violence. Family and workplace issues relevant to LGBT people. Special concerns of sectors of the LGBT population that have historically been underrepresented in scientific research.”

Amount: \$9,000

**Funding Agency: American Psychological Foundation**

Title: [Dr. Christine Blasey-Ford Grant](#)

Application Deadline: February 15, 2021

Purpose: "The Dr. Christine Blasey-Ford Grant will provide up to \$1,500 to support innovative work to support graduate students and early career researchers conducting work focusing on the understanding, prevention and/or treatment of the consequences of exposure to traumatic events such as sexual assault, sexual harassment and/or rape."

Amount: \$1,500

**Funding Agency: American Psychological Foundation**

Title: [Roy Scrivner Memorial Research Grants](#)

Application Deadline: November 1, 2020

Purpose: "Lesbians, gays, bisexuals and trans (LGBT) people face many challenges in forming, defining and maintaining families. This program seeks to encourage the study of LGBT family psychology and therapy through its support of promising young investigators whose graduate research is oriented toward issues in this general area. Preference is given to advanced students who have demonstrated their commitment to this area through their dissertation research plans."

Amount: \$10,000

**Funding Agency: American Psychological Foundation**

Title: [SuperLab Research Grants](#)

Application Deadline: October 15, 2020

Purpose: "The SuperLab Research Grant provides one undergraduate and one graduate student the SuperLab computer software which aids in conducting cognitive psychology research. The SuperLab software allows researchers to have immense flexibility when building experiments that rely on programming and it excels in collecting reaction time and other data during experiments."

## **Funding Agency: Retirement Research Foundation**

Title: [Research Grants](#)

Application Deadline: April 1, 2021

Purpose: “RRF funds research that seeks to identify interventions, policies and practices to improve the well-being of older adults and/or their caregivers. Preference is given to projects aimed at generating practical knowledge and guidance that can be used by advocates, policy-makers, providers, and the aging network. Of particular interest are: Interventional trials; translational studies; and health services and policy research, Projects that build on the investigator’s past studies, Proposals that include robust dissemination plans, if appropriate, to assure that findings reach audiences positioned to act on them.”

Amount: “Applicants are encouraged to develop realistic budgets that include all expenses needed to effectively implement their projects.” [Previous awards](#)

## **Funding Agency: National Science Foundation**

Title: [Disaster Resilience Research Grants \(DRRG\)](#)

Application Deadline: August 14, 2020

Purpose: “Every year, communities across the United States suffer significant disasters from natural hazards, including droughts, earthquakes, floods, hurricanes, tornadoes, fires, and other natural hazards. While these sorts of adverse events cannot be eradicated, their consequences can be less disastrous if communities reduce their vulnerabilities and increase their resilience. Scientific and engineering research can contribute significantly to disaster resilience by revealing fundamental principles with implications for actions that can improve the nation’s disaster resilience. This solicitation, therefore, seeks to catalyze research into disaster-resilience relevant phenomena in support of improved, science-based measures or mechanisms for improved resilience, including improved planning, policy, decisions, design, codes, and standards or other relevant mechanisms.”

Amount: \$200,000-\$400,000

## **Funding Agency: National Science Foundation**

Title: [Research Experiences for Undergraduates \(REU\)](#)

Application Deadline: August 26, 2020

Purpose: “The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects. Undergraduate student participants in either REU Sites or REU Supplements must be U.S. citizens, U.S. nationals, or permanent residents of the United States.”

Amount: Total project costs--including all direct costs and indirect costs--are generally expected not to exceed \$1,350 per student per week. However, projects that involve exceptional circumstances, such as international activities, field work in remote locations, a Research Experiences for Teachers (RET) component, etc., may exceed this limit.

**Funding Agency: U.S. Air Force Research Laboratory**

Title: [1M Dollar International Quantum U Tech Accelerator](#)

Application Deadline: August 4, 2020 (White Papers)

Purpose: “As part of Innovare Advancement Center’s global launch, it is announcing the Million Dollar International Quantum U Tech Accelerator, which is open to university proposers, both nationally and internationally. Interested participants will have an opportunity to submit a 1-2 page white paper to pitch at the virtual event taking place from September 1-3, 2020. Pitches will cover one of four distinct tracks: Communication, Computing, Sensing, or Timing, which all represent critical areas for AFRL, and will help advance the center’s mission to build a magnetic ecosystem in which the world’s leading scientific and entrepreneurial talent tackle the greatest challenges to national security and economic competitiveness.”

Amount: \$75,000 per grant

**Funding Agency: Agency for Healthcare Research and Quality (AHRQ)**

Title: [Making Health Care Safer in Ambulatory Care Settings and Long Term Care Facilities \(R18\)](#)

Application Deadline: Standard Due Dates; next due date September 25, 2020

Purpose: “This Funding Opportunity Announcement (FOA) will fund large research demonstration and implementation projects that pertain to ambulatory care settings and long term care facilities with a focus on implementing evidence-based processes to improve patient safety, especially those involving transitions in care. AHRQ is interested in studies in these two settings that develop, utilize, and evaluate strategies to implement existing measures, metrics, tools or practices that have already been validated and have been shown to be efficacious in improving patient safety sites.”

Amount: \$450,000 per year for up to three years

**Funding Agency: Defense Advanced Research Projects Agency (DARPA),  
Defense Sciences Office (DSO)**

Title: [Broad Agency Announcement](#)

Application Deadline: Proposals may be submitted on a rolling basis until June 11, 2021

Purpose: “The mission of the Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is to identify and create the next generation of scientific discovery by pursuing high-risk, high-payoff research initiatives across a broad spectrum of science and engineering disciplines and transforming these initiatives into disruptive technologies for U.S. national security. In support of this mission, the DSO Office-wide BAA invites proposers to submit innovative basic or applied research concepts or studies and analysis proposals that address one or more of the following technical thrust areas: (1) Frontiers in Math, Computation and Design, (2) Limits of Sensing and Sensors, (3) Complex Social Systems, and (4) Anticipating Surprise.”

Amount: Multiple awards are anticipated; however, the level of funding for individual awards made under this solicitation has not been predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds.

**Funding Agency: National Institutes of Health (NIH)**

Title: [Enhancing Science, Technology, Engineering, and Math Educational Diversity \(ESTEEMED\) Research Education Experiences \(R25\)](#)

Application Deadlines: July 24, 2020; June 24, 2021; June 24, 2022

Purpose: “With ESTEEMED, National Institute of Biomedical Imaging and Bioengineering (NIBIB) focuses on early preparation for undergraduate students in bioengineering or STEM fields relevant to bioengineering, such as engineering or the physical/computational sciences, which play key roles in biomedical technologies and innovation. Participants should be from diverse backgrounds and interested in ultimately pursuing a Ph.D. or M.D./Ph.D. degree and a research career integrating engineering and the physical sciences with medicine and biology. The program activities will begin in the summer before the freshman year and continue through the summer following the sophomore year. At that time, participants will be expected to enter an honors program that prepares high-achieving STEM students for doctoral programs in biomedical research fields. Therefore, only institutions with a federally or institutionally funded honors program that is open to students in the junior and senior years and that promotes STEM and entrance into a Ph.D. program are eligible to apply.”

Amount: Budgets are not limited but need to reflect the actual needs of the proposed project. Maximum project period is four years.

**Funding Agency: US Department of Transportation, Federal Highway Administration (FHWA)**

Title: [Advanced Transportation and Congestion Management Technologies Deployment Initiative](#)

Application Deadline: August 31, 2020

Purpose: “Up to \$60 million in Federal Funding to provide grants to eligible entities to develop model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment. (23 U.S.C. 503(c)(4)(A)). Partnership with the private sector or public agencies, including multimodal and multijurisdictional entities, research institutions, organizations representing transportation and technology leaders, or other transportation stakeholders, is encouraged. Typically, a consortium is a meaningful arrangement with all members involved in planning the overall direction of the group’s activities and participating in most aspects of the group; the consortium is a long-term relationship intended to last the full life of the grant. Any application submitted by a sole research or academic institution and that is not part of a consortium will not be considered for selection.”

Amount: Up to \$12 million. Requires Cost Match.



**Funding Agency: National Institute for Health Care Research**

Title: [Investigator-Initiated Research Grants](#)

Application Deadline: Letter of Intent due July 20, 2020

Purpose: “To support innovative health services research that will advance the existing knowledge base in the areas of health care financing, delivery, management and/or policy. Studies must have strong potential to yield insights that can be used to have a positive impact on the U.S. health care system by improving efficiency, quality, access to care, preparedness or equity. Studies involving direct patient care or clinical, bench science research are not relevant for this solicitation.”

Amount: Depends on applications received.

**Funding Agency: Health Resources and Services Administration (HRSA)**

Title: [Healthy Tomorrows Partnership for Children Program \(HTPCP\)](#)

Application Deadline: October 6, 2020

Purpose: “The purpose of this program is to support innovative, community-based initiatives to improve the health status of infants, children, adolescents, and families in rural and other underserved communities by increasing their access to preventive care and services.”

Amount: Up to \$50,000 per year. Cost Match is required.

**Funding Agency: Pfizer, Inc.**

Title: [Pfizer’s Competitive Grants Program](#)

Application Deadline: Varies by opportunity

Purpose: “Pfizer supports the global healthcare community’s independent initiatives (e.g., research, quality improvement or education) to improve patient outcomes in areas of unmet medical need that are aligned with Pfizer’s medical and/or scientific strategies.”

Amount: Varies by opportunity

**Funding Agency: US Department of Agriculture-NIFA Sun Grant Program – SouthCentral Region**

Title: [Request for Applications](#)

Application Deadline: Required Pre-Proposals due August 15, 2020

Purpose: “Authorized by Congress in 2004, the Sun Grant Program (SGP) is a national network of landgrant universities working in collaboration with national laboratories and government agencies, partnering to build a biobased economy. Sun Grant institutions are charged with making significant advances in biobased industries for the benefit of America's independent farmers, rural communities, and the public-at-large. The primary goal of the SGP is to address national energy needs and establish a national bioeconomy through coordinated regional research, education, and Extension activities focused on agriculture and forest-based fuels, products (chemicals and materials) and power.”

Amount: \$342,230 over 36 months

**Funding Agency: National Science Foundation**

Title: [NSF Individual and Small Team Proposals](#)

Application Deadline: Varies by topic.

Advanced Manufacturing – proposals accepted anytime

Applied Mathematics – Nov 1-16, 2020

Archaeology and Archaeometry – July 1 and December 20 annually

Astronomy and Astrophysics – Oct 1-Nov 16, 2020

Biological Anthropology – July 20 and Jan 20 annually

Biomechanics and Mechanobiology – proposals accepted anytime

Biophotonics – proposals accepted anytime

Biosensing – proposals accepted anytime

Cellular and Biochemical Engineering – proposals accepted anytime

Chemistry – Sept 1-30, 2020 or Oct 1-Nov 2, 2020

Computational & Data-Enabled Science and Engineering - Varies  
Cultural Anthropology – Aug 15 and Jan 15 annually  
Ecology and Evolution of Infectious Diseases – Nov 18, 2020  
Economics – Aug 18 and Jan 18 annually  
Energy, Power, Control, and Networks – proposals accepted anytime  
Engineering of Biomedical Systems – proposals accepted anytime  
Environmental Biology – proposals accepted anytime  
Environmental Engineering – proposals accepted anytime  
Environmental Sustainability – proposals accepted anytime  
Geophysics – proposals accepted anytime  
Mathematical Biology – Aug 20-Sept 8, 2020  
Division of Materials Research – Oct 1-Nov 2, 2020  
Methodology, Measurement, and Statistics – Aug 27, 2020 and Jan 28  
Molecular and Cellular Biosciences – proposals accepted anytime  
Physics – Varies by topic  
Secure & Trustworthy Cyberspace – proposals accepted anytime  
Security and Preparedness – Aug 15 and Jan 15 annually  
Smart and Connected Health – Dec 11 annually  
Social Psychology – July 15 and Jan 15 annually  
Sociology – Aug 15 and Jan 15 annually  
Statistics – Dec 1-15 annually

**Funding Agency: National Science Foundation**

Title: [NSF Special Programs](#)

Application Deadline: Varies by topic – click each topic to learn more about these special program opportunities.

[Broadening Participation in Engineering \(BPE\)](#) –accepted anytime

[Centers for Chemical Innovation](#) – Phase I Preliminary Proposal Aug 11

[Civic Innovation Challenge](#) – Phase I Aug 3

[Computer Science for All \(CSforAll: Research and RPPs\)](#) – Feb 10, 2021

[Computer and Information Science and Engineering \(CISE\): Core Programs](#) – Varies by size of application (Small, Medium, Large)

[Critical Aspects of Sustainability \(CAS\)](#) –accepted anytime

[Earth Sciences: Instrumentation and Facilities Program](#) –accepted anytime

[Ethical and Responsible Research \(ER2\)](#) – Feb 22 annually

[Expeditions in Computing](#) – Varies by topic

[Mathematical Sciences Infrastructure Program](#) –Dec 15 annually

[Robert Noyce Teacher Scholarship Program](#) – Aug 25, 2020

[Research Experiences for Undergraduates \(REU\)](#) – Aug 26, 2020

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Sept 30, 2020

[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposals due Sept 16, 2020 and Mar 10, 2021

[Partnerships for Innovation \(PFI\)](#) – Aug 5, 2020 and Jan 13, 2021

[Faculty Early Career Development Program \(CAREER\)](#) – Aug 11, 2020

[A Science of Science Policy Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SCISIPBIO\)](#) – Feb 9, 2021

[Research Training Groups in the Mathematical Sciences \(RTG\)](#) – Jun 1, 2021

## **Funding Agency: National Science Foundation (NSF)**

**\*\*\*LIMITED\*\*\***

Title: [Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science \(NSF INCLUDES\)](#)

Application Deadline: Internal Due Date: August 14, 2020 – Noon // LOI: October 5, 2020 // Full Proposal: January 26, 2021

Purpose: “With this solicitation, NSF is continuing to offer opportunities to propose an NSF INCLUDES Alliance that has the potential to substantially broaden the participation of individuals from underrepresented and underserved groups in STEM, especially in STEM fields that lack diversity. Alliances use lessons learned, promising practices, evidence-based mechanisms, the science of broadening participation, and the research and evaluations from past and present efforts related to broadening participation in STEM. Alliances bring together programs, people, organizations, technologies, and institutions to achieve results at scale, provide new research, and leverage NSF’s broadening participation investments. Each Alliance is committed to collectively achieving common goals through a well-defined set of common objectives.”

Amount: \$1,000,000-\$2,000,000 per year for five years

Please note that this is a Limited Submission. You must email [proposals@wichita.edu](mailto:proposals@wichita.edu) by the Internal Due Date if you are interested in submitting for this opportunity.

## **EDUCATION/TRAINING**

### **Jumpstart Grantsmanship Webinar Series**

Two sessions remain in this Summer 2020 series:

July 21, 2020- Institutional Capacity

July 28, 2020- Open Session for Discussion

2:00pm – 3:00pm CST

The remaining webinar topics include: Institutional Capacity and Open Sessions for Discussion

[Register Here for HSI Webinars](#)

## **US Department of Justice - Bureau of Justice Assistance Webinars**

Watch Anytime

To assist potential applicants interested in applying for funding opportunities, BJA hosts a Grant Applicant Education Series of webinars and solicitation-specific webinars. The webinar topics include: Preparing and applying for BJA opportunities, overview of BJA funding opportunities.

[No registration is required.](#)

## **National Science Foundation CAREER Webinar**

Watch Anytime

Description: “The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from early-career faculty at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.”

[Watch the pre-recorded webinar about the NSF CAREER program here.](#)

## **Health & Human Services Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) Online Resources**

Available Anytime

Description: “Explore all the ways you can engage and connect online with the HHS SBIR and STTR programs. Our suite of online resources and active social media presence make it easier to stay informed about the latest updates and events.”

[HHS SBIR-STTR Engage and Connect Website](#)

## **Environmental Protection Agency Research Webinar Series**

Available Anytime

Description: “We hold several monthly webinars dedicated to informing and training stakeholders and decision-makers about cutting-edge scientific research in order to provide assistance and solutions to environmental and public health issues.” Upcoming topics include: Computational Toxicology Communities of Practice Webinars, Homeland Security Research Webinar Series, Sustainable and Healthy Communities Research Webinar Series

[EPA Research Webinar Series Website](#)

### **Free CITI Program Webinar: Importance of Peer Review and Data Validation in Research**

Wednesday, July 22, 2020

1:00pm CST

This webinar will discuss the ethical responsibilities of researchers publishing data critical for the safety and well-being of the people around the world.

[Register Here](#) – note registrations are limited to first 100 people.