



WICHITA STATE  
UNIVERSITY  
*OFFICE OF RESEARCH*

## **INSIDE RESEARCH & Funding Opportunities**

News, Events and Resources for the WSU Research Community

[AWARDS](#)

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[EDUCATION/TRAINING](#)

### **OCTOBER 2020**

Congratulations to those who received grants in September! 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) for inclusion in the next newsletter. Good luck to all of you in your research efforts over the next month.

Coleen Pugh, AVP for Research

### **AWARDS**

#### **PROJECT SAFE NEIGHBORHOODS (PSN) 2020-2021**

PI/Department: Andra Bannister, School of Criminal Justice

Sponsor: Kansas Governor's Grants Program / Department of Justice

Amount: \$33,178

#### **DIVERSITY, EQUITY AND INCLUSION FOCUS GROUPS**

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

Sponsor: Fidelity Bank

Amount: \$6,680

### **HAYSVILLE GEAR UP**

PI/Department: Diana Carbajal, Ed-Gear-Up

Sponsor: Department of Education-US

Amount: \$600,000

### **NORTH WICHITA GEAR UP - YEAR 7**

PI/Department: Riccardo Harris, Ed-Gear-Up

Sponsor: Department of Education-US

Amount: \$439,998

### **SOUTHEAST WICHITA GEAR UP PARTNERSHIP GRANT - YEAR 4**

PI/Department: Wilma Holloway, Ed-Gear-Up

Sponsor: Department of Education-US

Amount: \$740,000

### **BCBS OF KS CUSTOMER SATISFACTION 2020**

PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Blue Cross and Blue Shield of Kansas

Amount: \$5,860

### **ONLINE TRIAL STUDY SEPTEMBER 2020**

PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$12,000

**POWER QUALITY LAB**

PI/Department: Ward Jewell, Electrical & Computer Engr

Sponsor: PSERC

Amount: \$15,000

**ARTIFICIAL INTELLIGENCE ASSISTED SPACECRAFT TRAJECTORY  
OPTIMIZATION AND PLANNING**

PI/Department: Leonard Miller, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$750,000

**KANSAS KIDS @ GEAR UP (KKGU)**

PI/Department: Corinne Nilsen, Ed-Gear-Up

Sponsor: Department of Education-US

Amount: \$3,500,000

**TRIO EDUCATIONAL TALENT SEARCH PROGRAM**

PI/Department: Larry Ramos, Ed-Talent Search Program

Sponsor: Department of Education-US

Amount: \$646,284

**A MULTISCALE MODELING AND X-RAY CT EXPLORATION OF BEARING FAILURE MECHANISMS IN A COUNTERSUNK BOLTED COMPOSITE STRUCTURE**

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

Sponsor: Global Engineering & Materials, Inc. / US Navy

Amount: \$47,000

**BONDED JOINT ANALYSIS METHOD**

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

Sponsor: Global Engineering & Materials, Inc. / US Navy

Amount: \$421,653

**TOOL FOR ANALYSIS TO PREDICT STRENGTH AND DURABILITY OF CURVED AND TAPERED COMPOSITE STRUCTURES UNDER MULTIAXIAL LOADING**

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

Sponsor: Global Engineering & Materials, Inc. / Navy Engineering Logistics Office

Amount: \$30,000

**EMERGING MATERIALS FOR HIGH-SPEED MISSILE APPLICATIONS**

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

Sponsor: Advanced Technology International / Department of Defense

Amount: \$3,148,184

**UPWARD BOUND MATH SCIENCE CENTER**

PI/Department: Derrick Veasey, Ed-Upward Bound Math & Science

Sponsor: Department of Education-US

Amount: \$369,976

## **EDUCATION RESOURCE DISTRIBUTION, CONSUMER OUTREACH**

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$644,226

## **WSU AMERICORPS VISTA**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Corp for National & Community Srv

Amount: \$402,140

## **WEST WICHITA GEAR UP (YEAR 4)**

PI/Department: Janice Wright, Ed-Gear-Up

Sponsor: Department of Education-US

Amount: \$740,000

## **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: [First Awards: Research in Microbiomes across Aquatic, Plant and Soil Systems](#)

Application Deadlines: Letters of Intent due November 2, 2020; Full Proposals due January 12, 2021.

Purpose: “The First Award program helps early career faculty become more competitive for funding from the research directorates at the National Science Foundation (NSF) by 1) encouraging early career faculty to submit proposals to the NSF (or other federal funding agency) as soon as possible after their first faculty appointment, and 2) by accelerating the pace of their research and the quality of their subsequent proposals. First Awards are intended to be single-investigator awards to support the PI’s research program at their institution. The inclusion of Co-PIs, other senior personnel, and sub-awards to other institutions is prohibited.”

Amount: \$100,000 in direct costs

**Funding Agency: Spencer Foundation**

Title: [Research Grants on Education \(Small\)](#)

Application Deadline: November 5, 2020

Purpose: “The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to \$50,000 for projects ranging from one to five years. We accept applications three times per year. This program is “field-initiated” in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location. Our goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education.”

Amount: \$50,000

**Funding Agency: America Walks**

Title: [Community Change Grants](#)

Application Deadline: November 9, 2020

Purpose: "This program will award grantees \$1,500.00 in community stipends for projects related to creating healthy, active, and engaged places to live, work, and play."

Amount: \$1,500

### **Funding Agency: American Foundation for Suicide Prevention**

Title: [Distinguished Investigator Innovation Grants](#)

Application Deadline: November 15, 2020

Purpose: "Grants awarded to investigators at the level of associate professor or higher with an established record of research and publication on suicide." Multiple opportunities are also available for other levels of researchers.

Amount: \$125,000 over two years

### **Funding Agency: Gerber Foundation**

Title: [Research Award](#)

Application Deadline: Concept Papers due November 15, 2020; if selected, full proposals due February 15, 2021

Purpose: "The Foundation's mission focuses on infants and young children. Accordingly, priority is given to projects that improve the nutrition, care and development of infants and young children from the first year before birth to three years of age. The Foundation is particularly interested in fresh approaches to solving common, everyday problems or emerging issues within our defined focus area. Projects should focus on issues faced by care providers that, when implemented, will improve the health, nutrition and/or developmental outcomes for infants and young children. The board is particularly looking for practical solutions that can be easily and rapidly implemented on a broad scale with a predictable time frame to clinical application." See [Gerber Foundation Focus Areas](#).

Amount: Novice Researchers: \$20,000; up to \$350,000 over three years for all others.

## **Funding Agency: Institute of Museum and Library Services**

Title: [National Leadership Grants for Museums](#)

Application Deadline: November 16, 2020

Purpose: “National Leadership Grants for Museums support projects that address critical needs of the museum field and that have the potential to advance practice in the profession so that museums can improve services for the American public. This program has five project categories: 1) Collections Stewardship and Access, 2) Data and Evaluation, 3) Digital Platforms and Applications, 4) Diversity and Inclusion, 5) Professional Development.”

Amount: Non-Research Grants: \$50,000-\$1,000,000; Research Grants: \$50,000-\$1,000,000 and Rapid Prototyping Grants: \$5,000-\$50,000.

## **Funding Agency: Association for Conflict Resolution (ACR) and the JAMS Foundation**

Title: [Initiative for Students and Youth](#)

Application Deadline: Informational Conference Call November 23, 2020; Initial Project Idea Description due January 11, 2021; Full Proposal (if invited) due May 21, 2021.

Purpose: “The JAMS Foundation/ACR Initiative for Students and Youth provides grant funding for conflict prevention and dispute resolution programs for K-12 students and for adults working with youth populations in ways that directly transfer CRE skills from adults to youth.”

Amount: \$40,000 for first year; second year of funding of \$20,000 contingent on success in first year.

## **Funding Agency: Robert Wood Johnson Foundation**

Title: [Policies for Action: Public Policy Research to Advance Racial Equity and Racial Justice](#)

Application Deadline: Letters of Intent due November 24, 2020; if selected, fully proposals due April 7, 2021.

Purpose: “Achieving racial equity and justice in the United States requires a sustained, multipronged intersectional policy approach that addresses both the immediate social



conditions leading to poor health outcomes, but also the long-standing structures fostering such conditions. The goal of the Policies for Action call for proposals is to build the evidence base about how national, state, and local policies can improve racial equity in health and well-being in the United States.”

Amount: “There is not an explicit range for allowable budget requests. You should request the amount of funding you will need to complete your proposed research project and to translate and disseminate the results. The size of the budget will be weighed in relation to the importance and likely contribution of the proposed research, with higher budgets subject to greater scrutiny. Typically, P4A grants are funded at \$250,000 each” over two years.

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

Title: [Community Action Grants](#)

Application Deadline: December 1, 2020

Purpose: “Community Action Grants provide funding to individuals, AAUW branches and AAUW state organizations as well as community-based nonprofits for innovative programs that promote education and equity through projects focused on encouraging girls to select, before entering college, the physical sciences or engineering as a career.”

Amount: \$3,000-\$10,000

**Funding Agency: K-INBRE (Kansas Idea Network of Biomedical Research Excellence)**

Title: [Funding Opportunities](#)

Application Deadline: December 1, 2020

Purpose: “The purpose of this research support is to further the ability of Kansas researchers to compete successfully for NIH funds.

Bridging Grants: A Bridging Grant provides interim support to help a project in Cell and Developmental Biology continue for an eligible investigator who has submitted a grant to NIH that was approved on the basis of scientific merit, but fell short of the funding range (applications with a score below the 40th percentile will be triaged). These funds should assist in providing data needed to submit a revised application to NIH. The resources available have been earmarked exclusively to help an on-going project that

has just missed the funding cut-off to keep momentum going until NIH funds are secured.

**Partnerships for Translational Research Training Awards:** Partnership awards are one-year awards offered to facilitate the initiation of clinical/basic science research projects directed toward a translational goal. The awards are meant to support technical assistant salaries together with other research project requirements with the goal of exchanging information, data and technical expertise in a close partnership arrangement.

**Postdoctoral Awards:** Post-doctoral awards are one-year mentored awards offered for the purpose of facilitating applications to support: (1) initiation of post-doctoral research projects and (2) transition from the post-doctoral position to early investigator status. The awards are meant for partial salary support or research supplies during early or late stages of the post-doctoral experience.

**Developmental Research Project Program Awards (DRPP):** DRPP awards are two-year mentored awards for Junior Investigators, within 5 years of hiring (both tenure track and research track faculty are eligible) at one of the K-INBRE Institutions. Investigators who have received a research grant with direct costs of more than \$50,000/year from NIH (including COBRE and INBRE grants) or another extramural funding agency are not eligible to apply. A letter of intent submitted through REDCap by noon on November 1, 2020 from a new investigator summarizing a 2-year research plan that can be accomplished with a \$75K/year budget is requested. An experienced mentor must be identified, preferably at the same institution.

**Amount:** Budgets for Bridging Grants- R01 -\$40,000/direct costs, R21 -\$25,000/direct costs; Partnerships for Translational Research Training proposals -\$50,000/direct costs; Postdoctoral Awards -\$25,000/direct costs for one period of funding; Developmental Research Project Program (DRPP) Awards -\$75,000/year direct cost budget for 2 periods of funding.

## **Funding Agency: National Endowment for the Humanities**

Title: [Collaborative Research](#)

Application Deadline: December 2, 2020

**Purpose:** “The Collaborative Research program aims to advance humanistic knowledge through sustained collaboration between two or more scholars. Collaborators may be drawn from a single institution or several institutions across the United States; up to half of the collaborators may be based outside of the U.S. The program encourages projects that propose diverse approaches to topics, incorporate multiple points of view, and explore new avenues of inquiry in the humanities.”

Amount: Up to \$250,000

**Funding Agency: U.S. Economic Development Administration**

Title: FY 2020 Scaling Pandemic Resilience Through Innovation and Technology (SPRINT) Challenge

Application Deadline: December 3, 2020

Purpose: “EDA is seeking applications from eligible organizations working to rapidly address the economic, health, and safety risks caused by the coronavirus pandemic through entrepreneurship and innovation.” “Applicant organizations should articulate a clearly defined strategy to leverage grant funds to support one or more of the following activities to help address the needs of and unique operating environment necessitated by the coronavirus pandemic: Scaling biotechnology, health security, and supply chain technologies to market; Increasing regional, national, and government connectivity to support commercialization and entrepreneurship; Developing new and unique investment capital models to address the financial needs of entrepreneurs; Developing and scaling entrepreneurship support models to address the virtual and remote work environment of the pandemic.”

Amount: Up to \$500,000 over 12 months or \$750,000 over 18 months. 20% Cost Match is required.

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

Title: Collaborative Research in Computational Neuroscience (CRCNS)

Application Deadline: December 10, 2020

Purpose: “Through the CRCNS program, the U.S. National Science Foundation (NSF), National Institutes of Health (NIH), and Department of Energy (DOE); the German Federal Ministry of Education and Research (Bundesministerium für Bildung und Forschung, BMBF); the French National Research Agency (Agence Nationale de la Recherche, ANR); the United States-Israel Binational Science Foundation (BSF); Japan’s National Institute of Information and Communications Technology (NICT); and Spain’s State Research Agency (Agencia Estatal de Investigación, AEI) and National Institute of Health Carlos III (Instituto de Salud Carlos III, ISCIII) support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Two classes of proposals will be considered in response to this

solicitation: 1) Research Proposals describing collaborative research projects, and 2) Data Sharing Proposals to enable sharing of data and other resources.

Amount: \$100,000-\$250,000 per year for three to five-year projects.

**Funding Agency: National Institutes of Health - NICHD**

Title: Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)

Application Deadline: December 10, 2020

Purpose: “The purpose of this Funding Opportunity Announcement (FOA) is to address the needs of the maternal and pediatric HIV scientific community for research data translation and sharing. This initiative will support secondary data analyses using archived HIV/AIDS data and specimens to generate new research questions and findings relevant to the scientific mission and priorities of the NICHD, Maternal and Pediatric Infectious Disease Branch (MPIDB), and Office of AIDS Research (OAR). The goal of this initiative is to encourage the scientific community to utilize HIV/AIDS archived data sets and specimen collections to answer important questions about the epidemiology, pathogenesis, treatment, clinical manifestations, and HIV-associated co-infections in maternal, pediatric and adolescent populations.”

Amount: Direct costs are limited to \$275,000 over a two-year period.

**Funding Agency: Ocean Insight**

Title: 2020 Ocean Insight Grant Program

Application Deadline: December 23, 2020

Purpose: Equipment grant: “The 2020 Ocean Insight Grant Program encourages the use of spectral technologies in support of research that promotes a safer, cleaner, healthier future.” “Ocean Insight collaborates with customers to discover, refine and deliver new approaches to solving the world’s most pressing problems with spectral technologies. Our expert Grant Program judging panel will evaluate applications based on their technical merit, innovation, and advancement of initiatives that improve health, safety or the environment. Examples include improved medical diagnostics, more accurate security screening technologies, and more advanced crop analysis.”

Amount: Up to \$20,000 in Ocean Insight Products

## **Funding Agency: Walmart Foundation**

Title: [Local Community Grants](#)

Application Deadline: December 31, 2020

Purpose: “Our local community grants are awarded through an open application process and provide funding directly from Walmart and Sam’s Club facilities to local organizations in the U.S.”

Amount: \$250-\$5,000

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

Title: [Accelerating Research through International Network-to-Network Collaborations \(AccelNet\)](#)

Application Deadline: January 4, 2021

Purpose: “The goals of the Accelerating Research through International Network-to-Network Collaborations (AccelNet) program are to accelerate the process of scientific discovery and prepare the next generation of U.S. researchers for multiteam international collaborations. The AccelNet program supports strategic linkages among U.S. research networks and complementary networks abroad that will leverage research and educational resources to tackle grand research challenges that require significant coordinated international efforts. The program seeks to foster high-impact science and engineering by providing opportunities to cooperatively identify and coordinate efforts to address knowledge gaps and research needs. This solicitation invites proposals for the creation of international networks of networks in research areas aligned with a grand challenge identified as a priority by the research community or NSF, such as the NSF Big Ideas or in an active program solicitation. AccelNet awards support the connections among research networks, rather than supporting fundamental research as the primary activity. Each network of networks is expected to engage in innovative collaborative activities that promote synergy of efforts across networks and provide professional development for U.S. students, postdoctoral scholars, and early-career researchers. Two proposal categories covered by this solicitation include: Design and Implementation.”

Amount: Design Projects are for two years for \$250,000; Implementation Projects are three-five years for up to \$2 million.

## **Funding Agency: Environmental Protection Agency**

Title: [National Priorities: Evaluation of Pollutants in Biosolids](#)

Application Deadline: January 5, 2021 – Note: an informational webinar will be held by the funder on October 27, 2020; see website to register.

Purpose: “The U.S. Environmental Protection Agency (EPA) is seeking applications proposing research that will provide the best available science needed to support states, municipalities, and utilities in determining potential risk from pollutants found in biosolids and developing standards and policies for biosolids management. Research under this RFA is intended to address multiple treatment scales including large publicly owned treatment works and medium- to small-scale wastewater treatment facilities.”

Amount: Up to \$1,498,000 over three years with 25% cost share required.

## **\*\*\* LIMITED \*\*\* Funding Agency: Brain Research Foundation**

Title: [Seed Grant](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only nominate one faculty member for this opportunity, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by Tuesday, November 17, 2020 at 12noon, in case an internal competition is needed. Letter of Intent to the funder (if selected) to be due January 5, 2021.

Purpose: “BRF’s Seed Grant Program was initiated in 1981. The purpose of the Program is to provide start-up money for new research projects and innovative programs that have the potential of becoming competitive for an NIH grant or other external funding sources. Our goal is to have this initial effort succeed in opening future opportunities for research, collaboration and scientific advancement. To be eligible, the PI must be a full-time Assistant or Associate Professor working in the field of neuroscience.”

Amount: \$80,000 in direct costs over two years.

## **Funding Agency: Federal Bureau of Reclamation**

Title: [WaterSMART Drought Response Program: Drought Contingency Planning Grants for Fiscal Year 2021](#)

Application Deadline: January 6, 2021

Purpose: “The WaterSMART Drought Response Program supports a proactive approach to drought by providing financial assistance to water managers to develop and update comprehensive drought plans (Drought Contingency Planning) and implement projects that will build long-term resilience to drought (Drought Resiliency Projects). The objective of this funding opportunity is to invite states, tribes, irrigation districts, water districts, and other organizations with water or power delivery authority to leverage their money and resources by cost sharing drought contingency planning with Reclamation to build resilience to drought in advance of a crisis. Applicants under this funding opportunity may request funding to develop a new drought plan or to update an existing drought plan.”

Amount: Up to \$200,000 over two years with 50% cost share required.

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

Title: [Mid-scale Research Infrastructure-1 \(Mid-scale RI-1\)](#)

Application Deadline: Preliminary Proposals due January 7, 2021; Full Proposals due (if selected/invited) April 23, 2021

Purpose: “NSF-supported science and engineering research increasingly relies on cutting-edge infrastructure. With its Major Research Instrumentation (MRI) program and Major Multi-user Facilities (Major Facilities) projects, NSF supports infrastructure projects at the lower and higher ends of infrastructure scales across science and engineering research disciplines. The Mid-scale Research Infrastructure Big Idea is intended to provide NSF with an agile, Foundation-wide process to fund experimental research capabilities in the mid-scale range between the MRI and Major Facilities thresholds. NSF defines Research Infrastructure (RI) as any combination of facilities, equipment, instrumentation, or computational hardware or software, and the necessary human capital in support of the same. Major facilities and mid-scale projects are subsets of research infrastructure. The NSF Mid-scale Research Infrastructure-1 Program (Mid-scale RI-1) supports the design or implementation of unique and compelling RI projects. Mid-scale RI-1 implementation projects may include any combination of equipment, instrumentation, cyberinfrastructure, broadly used large-scale datasets, and the commissioning and/or personnel needed to successfully complete the project, or the design efforts intended to lead to eventual implementation of a mid-scale class project. Mid-scale RI-1 design projects will include the design efforts intended to lead to eventual implementation of a mid-scale class RI project. Mid-scale RI-1 projects should fill a research community-defined scientific need or enable a national research priority to be met. Mid-scale RI-projects should also enable US researchers to remain competitive in a global research environment and involve the training of a diverse workforce engaged in the design and implementation of STEM infrastructure.”

Amount: Implementation Projects are between \$6 million – \$20 million; Design Projects can be between \$600,000 - \$20 million.

### **Funding Agency: Captain Planet Foundation**

Title: [ecoTECH Grants](#)

Application Deadline: January 15, 2020

Purpose: “ecoTech™ Grants were created to combat the notion that students needed to choose between “the screen” or “the green” and to encourage educators and students to explore the role technology can play in designing and implementing solutions to some of our most pressing environmental challenges. We believe that technology can present innovative ways to address environmental challenges – and that when dealing with digital natives, we do ourselves a disservice by asking them to unplug” and “ecoTech™ Grants are specifically offered to engage children in inquiry-based, STEM-related projects that leverage technology and/or use nature-based design to address environmental problems in local communities.”

Amount: \$2,500

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

Title: [Formal Methods in the Field \(FMitF\)](#)

Application Deadline: February 16, 2021

Purpose: “The Formal Methods in the Field (FMitF) program aims to bring together researchers in formal methods with researchers in other areas of computer and information science and engineering to jointly develop rigorous and reproducible methodologies for designing and implementing correct-by-construction systems and applications with provable guarantees. FMitF encourages close collaboration between two groups of researchers. The first group consists of researchers in the area of formal methods, which, for the purposes of this solicitation, is broadly defined as principled approaches based on mathematics and logic to system modeling, specification, design, analysis, verification, and synthesis. The second group consists of researchers in the “field,” which, for the purposes of this solicitation, is defined as a subset of areas within computer and information science and engineering that currently do not benefit from having established communities already developing and applying formal methods in their research. This solicitation limits the field to the following areas that stand to directly benefit from a grounding in formal methods: computer networks, distributed/operating systems, embedded systems, human centered computing, and machine learning. A



proposal pursuing a different field area must make a strong case for why the field area of interest is one that does not currently benefit from formal methods but would be a strong candidate for inclusion as a field area.”

Amount: Research Proposals: \$750,000 over four years; Transition to Practice Proposals are \$100,000 over 18 months

### **Funding Agency: NASA in Kansas**

Title: [Seed Research Initiation \(SRI\) and Partnership Development Grant \(PDG\)](#)

Application Deadline: SRI due February 26, 2021; PDG due March 12, 2021

Purpose: PDG “grants are intended to facilitate the development of beneficial and promising NASA collaborations.” “SRI grants are designed to assist investigators in starting research projects having a high probability for sustained growth and value to NASA and Kansas.”

Amount: Three PDG Grants expected for \$18,346 each; One single SRI award is anticipated for \$152,642. Cost Match is a requirement of both.

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

Title: [Dear Colleague Letter: Non-Academic Research Internships for Graduate Students \(INTERN\) Supplemental Funding Opportunity](#)

Application Deadline: May be submitted anytime with a target date of April 15 each fiscal year.

Purpose: “This opportunity is open to PIs (and co-PIs) who are supporting graduate students through an active NSF award.” “NSF will consider supplemental funding requests for up to an additional six months of graduate student support on active NSF grants with the following goals: 1) To provide graduate students with the opportunity to augment their research assistantships or NSF Graduate Research Fellowship Program (GRFP) fellowships with non-academic research internship activities and training opportunities that will complement their academic research training; 2) To allow graduate students to pursue new activities aimed at acquiring professional development experience that will enhance their preparation for multiple career pathways after graduation; and 3) To encourage the participation of graduate students from underrepresented groups such as women, persons with disabilities, underrepresented minorities in science, technology, engineering, and mathematics (STEM), veterans, and persons from economically disadvantaged backgrounds.”

Amount: The total amount of funding requested must not exceed \$55,000 per student per six-month period.

### **Funding Agency: David Rockefeller Fund**

Title: [David Rockefeller Grants](#)

Application Deadline: Ongoing, 1 to 2 page Letters of Inquiry required

Purpose: "The fund provides support to non-profit organizations working in Art, Criminal Justice and Environment." See previously funded grants on the webpage under the organization's annual report.

Amount: Not Specified

### **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 – 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 6, 2021

Division of Materials Research – Oct 1-Nov 2, 2020

Methodology, Measurement, and Statistics –Jan 28, 2021

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

[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

[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#) – Nov 16, 2020 for CMI, CLP, ECS and MSN

[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 31, 2021

[Research Experiences for Undergraduates \(REU\)](#) – Aug 25, 2021

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Sept 15, 2021

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

[Partnerships for Innovation \(PFI\)](#) – Jan 13, 2021

[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

## **EDUCATION / TRAINING**

## **Hanover Research: October 30, 2020 and January 22, 2021**

Wichita State University is partnering with Hanover Research to provide faculty with three webinars designed to increase your grant-writing success and research competitiveness. These webinars build upon our in-house workshop series, and attendance therefore requires participation in one or more previous WSU Office of Research workshops, or prior approval from [Fran Cook, Training Manager](#). If there is sufficient need, an additional WSU workshop will be added prior to the Hanover webinars.

- **Grants for Clinical & Health Sciences Faculty Webinar** - Friday, October 30, 2020, 10am - 12pm. An overview of agencies and opportunities specific to health sciences/clinical faculty (e.g. NIH, HRSA, PCORI), followed by a grant consultant panel with expertise in this area.
- **Building Your Research Career Webinar** - Friday, October 30, 2020, 1:30pm – 3:30pm. Topics will include: an overview of research opportunities for mid-career faculty, how to get back into research after a pause, incremental funding strategies, and program officer outreach.
- **Good vs Fundable Proposals Webinar** - Friday, January 22, 2021, 10am - 12pm. This training will explore the difference between a good project and a fundable one, with particular emphasis on how to speak to funders' expectations around innovation. A panel of grant consultants from a range of backgrounds will follow.
- **Faculty Consultations** - Friday, January 22, 2021 - If you register and attend one or more of the Hanover webinars on October 30th or January 22nd, you will have a chance to receive a one-on-one consultation with a grant consultant expert from Hanover Research, who specializes in your area of research. Only eight slots are available and faculty (or groups of faculty with similar interests) must provide a white paper in advance of the Faculty Consultation to be considered for this opportunity.

Email [proposals@wichita.edu](mailto:proposals@wichita.edu) to Register for Hanover Workshops

## **WSU Office of Research Workshop: October 27, 2020, 10am**

Join Fran Cook of the WSU Office of Research for a one-hour Zoom workshop, Tuesday, October 27, 2020 from 10-11am. Topics will include 1) WSU research office resources and contacts, 2) finding funding, 3) project budgeting and 4) grant-writing tips, with time for questions and answers.

Email [proposals@wichita.edu](mailto:proposals@wichita.edu) to receive login information.

## **National Institutes of Health (NIH) Virtual Seminar on Grants Administration and Program Funding, October 27 – 30, 2020**

The 2020 NIH Virtual Seminar on Program Funding and Grants Administration has been designed to provide you with a unique opportunity to learn about the NIH grants process, programs, and policies directly from NIH & HHS experts. This seminar is designed for those who are new to working with the NIH grants process – administrators, early stage investigators, researchers, graduate students, etc. For those with more experience, NIH experts provide a few sessions that are designed for participants that are more advanced and are focused on more in-depth policies and processes.

**Registration for the live NIH Virtual Seminar is at capacity. However, you will be able to access the recordings later through the NIH YouTube Channel. See additional information here.**

## **Office of Special Education Programs hosting Attract, Prepare, Retain: OSEP National Summit on Improving Effective Personnel for Children with Disabilities, October 27 – 29, 2020**

The Office of Special Education Programs (OSEP) is hosting a virtual summit focusing on strategies to attract, prepare, and retain effective personnel—general and special education teachers, early childhood personnel, and related services providers—who have the knowledge and skills needed to provide effective instruction, interventions, supports, and services to children with disabilities. This topic disproportionately affects children with disabilities and their families due to the many unfilled positions and high attrition rates among special education teachers, early childhood personnel, and related services providers. Improving how we attract, prepare, and retain effective personnel for children with disabilities is a critical need that will only be resolved by prioritized and collaborative efforts.

**Register for one or all three virtual OSEP summit events (one event will be held per day)**

## **Building HSI Learning Resilience in the Face of Crisis: November 2 – November 4, 2020**

A free 2-day virtual conference with breakout sessions to understand the effects of the pandemic and its continuing impact on Hispanic Serving Institution (HSI) student learning. The goal of the conference is to understand current practices in order to create resiliency with an emphasis on exploring new digital tools to enhance distance learning

**Register to Attend the Virtual Conference for Free**

**The University of Florida & National Science Foundation Online  
Workshop: Broadening Participation: 2020 Mathematical & Physical Sciences  
(MPS) Workshop for New Investigators - November 9-10, 2020**

The University of Florida, in collaboration with the NSF Directorate for Mathematical and Physical Sciences (MPS), will be hosting a workshop for new and future Principal Investigators. New researchers, assistant professors, and exceptional postdocs considering academic career are encouraged to apply. Investigators from underrepresented groups in STEM are especially encouraged to apply. Due to the current COVID-19 situation, this workshop will be held online for one and a half day on November 9 and 10, 2020. The main goals of the workshop is two-fold: (1) to provide prospective Principal Investigators who have just received their first award or who are considering applying for funding from the MPS programs with valuable information and advice on the policies, procedures, and opportunities available at NSF, (2) to train a pool of future reviewers and encourage volunteering to review as a way to learn about NSF process. In addition to informational presentations on various topics relevant to the future PI's, all participants will go through full mock panel review processes in breakout sessions. An Application to Attend is Required - Application Deadline is October 2, 2020.

**2020 MPS Workshop Application to Attend / Website**

**Virtual National Science Foundation (NSF) Grants Conference: Weeks of  
November 16 and November 30, 2020**

Join the National Science Foundation (NSF) for the very first NSF Virtual Grants Conference to be held during the weeks of November 16 and November 30, 2020. **Registration will be free of charge and opens on Thursday, October 29 at 11am CST.** This event is designed to give faculty, researchers and administrators key insights into a wide range of current issues at NSF. NSF staff will provide up-to-date information about the proposal and award process, specific funding opportunities and

answering attendee questions. Just like the in-person grants conferences, the NSF Virtual Grants Conference is a must, especially for new faculty, researchers and administrators.

**[Register for the Free NSF Virtual Grants Conference](#)**

### **Kansas K-INBRE 19<sup>th</sup> Annual Symposium: January 14 & 15, 2021**

The purpose of the Kansas INBRE (K-INBRE) is to strengthen the ability of Kansas researchers to compete effectively for NIH funds by building a “critical mass” of junior and senior investigators, as well as undergraduates, graduate students, and post-doctoral fellows supported with cutting edge technology within a scientific research theme. The scientific research theme chosen for the K-INBRE is Cell and Developmental Biology.

**[Register for the K-INBRE Virtual Conference](#)**