



WICHITA STATE  
UNIVERSITY  
OFFICE OF RESEARCH

## INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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### November 18, 2022

Congratulations to those who received grants in October! Thanks to all of their talents and hard work, as of October 31, 2022, WSU researchers under Academic Affairs have submitted proposals budgeting a total of \$24,780,886, received \$16,829,994 in awards, and generated \$1,492,143 in indirect cost recovery thus far for FY2023.

This month's newsletter provides an opportunity to get to know a little about Fran Cook in her role as the Senior Grants/Contracts Administrator and Training Manager for the Office of Research in Academic Affairs.

We all wish you much success in your research efforts over the next month.

Coleen Pugh, Vice Provost for Research

## AWARDS

### EXPAND PETSC LIBRARY TO SUPPORT DATA-INTENSIVE REAL-TIME SIMULATION

PI/Department: Abu Asaduzzaman, Electrical & Computer Engr

Sponsor: Argonne National Laboratory / Department of Energy

Amount: \$43,815

## **PROFESSIONAL DEVELOPMENT TRAINING**

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

Sponsor: Goodwill Industries of Kansas Inc

Amount: \$5,250

## **SUPERVISOR TRAINING SERIES - SEDGWICK COUNTY**

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

Sponsor: Sedgwick County

Amount: \$9,600

## **NSF CONVERGENCE ACCELERATOR TRACK G: COMBATING VULNERABILITY AND UNAWARENESS IN 5G NETWORK SECURITY: SIGNALING AND FULL-STACK APPROACH**

PI/Department: Remi Chou, School of Computing

Co-PI/Department: Hyuck Kwon, Electrical & Computer Engr

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

Amount: \$120,000

## **CAMPUS TAKEOVER MINIGRANTS - CIVIC HOLIDAYS**

PI/Department: Gabriel Fonseca, Student Affairs

Co-PI/Department: Loren Belew, Student Involvement

Sponsor: Alliance for Youth Organizing

Amount: \$300

## **COLLABORATIVE RESEARCH: ECO-CBET: CONVERGENT ELECTROLYSIS-ELECTRODIALYSIS SYSTEM (CEES) TO CURB URBAN CHLORIDE POLLUTION BY ECO-FRIENDLY ROAD DEICING AND WASTE SALT UPCYCLING**

PI/Department: Shuang Gu, Mechanical Engineering

Co-PI/Department: Ruowen Shen, HWS of Urban & Public Affairs | Janet Twomey, Industrial & Manufacturing Eng

Sponsor: Natl Science Foundation

Amount: \$364,060

## **BEHAVIORAL AND MENTAL HEALTH CLINICAL SITE ROTATIONS**

PI/Department: Ronda Hanneman, Physician Assistant

Sponsor: Physician Assistant Education Assoc (PAEA) / Substance Abuse - Mntl Health Srv  
Adm

Amount: \$6,000

## **SOUTHEAST WICHITA GEAR UP PARTNERSHIP GRANT (YEAR 6)**

PI/Department: Wilma Holloway, ED - GEAR-UP

Sponsor: Department of Education - US

Amount: \$740,000

## **VALIDATION OF THE SWAY APP FOR LINEAR DISPLACEMENT**

PI/Department: Michael Jorgensen, Industrial & Manufacturing Eng

Sponsor: Sway Medical

Amount: \$9,200

## **VETERANS UPWARD BOUND PROGRAM**

PI/Department: Stacia Lyday, ED - Veterans Upward Bound Program

Co-PI/Department: Deltha Colvin, ED - Veterans Upward Bound Program

Sponsor: Department of Education - US

Amount: \$297,601

## **EXPERIMENTAL MEASUREMENT OF GRANULAR FLOW FREE COOLING IN MICROGRAVITY**

PI/Department: Leonard Miller, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$547,263

**KANSAS NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM  
(SPACE GRANT) – OPPORTUNITIES IN NASA STEM FY 2022-2024 5TH  
FUNDING AUGMENTATION**

PI/Department: Leonard Miller, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$60,000

**MOCK TRIAL – HOPVCEN**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$2,500

**MOCK TRIAL – STEVALB**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$5,500

**MOCK TRIAL – MICVKIN**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$4,000

**MOCK TRIAL – GERVCIT**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$2,500

## **MOCK TRIAL – INRECA**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$5,500

## **MOCK TRIAL – MANVSTAFG2**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$4,500

## **MOCK TRIAL – WSOVF5**

PI/Department: Lisa Parcell, The Research Partnership

Co-PI/Department: Jeffrey Jarman, The Research Partnership

Sponsor: Tsongas

Amount: \$6,000

## **COVID-19 VACCINE EQUITY FOR GUATEMALAN INDIGENOUS COMMUNITIES IN KANSAS**

PI/Department: Rachel Showstack, Modern & Classical Lang & Lit

Co-PI/Department: Natalie Garcia, Public Policy & Management Center | Mythili Menon, English | Nicole Woods, Public Health Sciences

Sponsor: Dept of Health & Environment - Kansas / Dept of Health and Human Services

Amount: \$250,000

## **CORE SIPP COMMUNICATIONS CAMPAIGN**

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$25,000

## **HEALTH DEPARTMENT COACHING**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Unified Government of Wyandotte County

Amount: \$25,379

## **K-12 EDUCATION AND OUTREACH PROJECT - WORKFORCE DEVELOPMENT GRANT (ONE HEALTH)**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment - Kansas / Dept of Health and Human Services

Amount: \$78,032

## **LIVING THE GOOD LIFE: SUPPORTED DECISION-MAKING "A GUARDIANSHIP ALTERNATIVE TO CONSIDER" SUMMIT**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment - Kansas / Dept of Health and Human Services

Amount: \$28,526

## **NEW LEADER EXECUTIVE COACHING**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Unified Government of Wyandotte County

Amount: \$30,780

## **WICHITA STATE UNIVERSITY RURAL ENERGY ASSESSMENT CENTER**

PI/Department: Mehmet Yildirim, Industrial & Manufacturing Eng

Co-PI/Department: Deepak Gupta, Engineering Technology

Sponsor: Department of Agriculture

Amount: \$100,000

The DIVISION OF INDUSTRY AND DEFENSE received awards equal to \$78,736,534 in October, of which \$41,695,053 was awarded to the National Institute of Aviation Research (NIAR).

## 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 searches 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. The Office of Research has updated its website with more information about the deadlines for receipt of proposals. While mandatory forms must be finalized well in advance of the funder deadline, you may continue to focus on your proposal narrative until closer to the deadline. Please visit [Pre-Award Services](#) to find out more.

#### **\*\*\* LIMITED \*\*\* Funding Agency: Oak Ridge Associated Universities (ORAU)**

Title: [Ralph E. Powe Junior Faculty Enhancement Awards](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit two nominations, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by November 28, 2022 at 12noon, in case an internal competition is needed. You will be informed if you have been chosen to proceed by December 5, 2022. Applications to the funder (if selected) will be due by January 9, 2023.

Purpose: "These competitive research awards provide seed money for junior faculty members that often result in additional funding from other sources. The award amount provided by ORAU is \$5,000. The applicant's institution is required to match the award with at least an additional \$5,000. This is a one-year grant (June 1 to May 31)."

Amount: \$5,000; Note, cost match is required.

#### **\*\*\* LIMITED \*\*\* University Consortium for Applied Hypersonics**

Title: [Project Call for Core Projects](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit three White Papers in response to this opportunity, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by November 29, 2022 at 12noon, in case an internal competition is

needed. You will be informed if you have been chosen to proceed by December 20, 2022. Mandatory Notices of Intent will be due to the funder (if selected) by January 9, 2023, with the White Paper due January 20, 2023.

Purpose: “The Office of the Under Secretary of Defense (OUSD), Research and Engineering (R&E) Joint Hypersonics Transition Office (JHTO), in partnership with Texas A&M Engineering Experiment Station (TEES) and the UCAH, is soliciting White Papers (WPs) and Prototype Project Proposals (PPPs), supporting projects that will accelerate hypersonics technology development, develop the nation’s future hypersonics workforce, and facilitate the transition of ready technologies into operational capabilities.”

Amount: \$500,000 per year

**\*\*\* LIMITED \*\*\* Mary Kay Ash Foundation**

Title: Innovative/Translational Cancer Research Grant

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit one application, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by November 29, 2022 at 12noon, in case an internal competition is needed. You will be informed if you have been chosen to proceed by December 20, 2022. Applications to the funder (if selected) will be due by February 1, 2023.

Purpose: “The Mary Kay Ash Foundation, a funding source for cancer research, is currently accepting applications for innovative grants for translational research of cancers affecting women, including but not limited to breast, cervical, endometrial, ovarian, uterine or cancers predominantly affecting women.” Grants are by invitation only; please reach out to [proposals@wichita.edu](mailto:proposals@wichita.edu) to receive a copy of the Request for Proposals.

Amount: \$100,000

**Funding Agency: Kansas NSF EPSCoR – ARISE (Adaptive and Resilient Infrastructure Driven by Social Equity)**

Title: [First Awards for Research in Resiliency and Smart Infrastructure](#)

Application Deadline: Notice of Intent form due November 29, 2022; Full Proposals due January 10, 2023

Purpose: “Kansas NSF EPSCoR is requesting proposals from early career faculty for First Awards. These seed grants are designed to spur research in resiliency and smart infrastructure. Experts in the field will review the submissions and offer feedback to help awardees compete nationally for funding.” Note eligibility requirements in the solicitation; this opportunity is limited to tenure-track Assistant and Associate Professors at KBOR institutions who have not received tenure yet.

Amount: \$50,000 in direct costs over twelve months



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

Title: [Bridging Grants, Development Research Project Program \(DRPP\) Awards, Partnerships for Translational Research Training Grants, Postdoctoral Awards](#)

Application Deadline: December 1, 2022 by noon

Purpose: 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 must have been discussed and include a score to be considered). 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.

Developmental Research Project Program (DRPP) Awards: Four junior investigators, each with an experienced mentor, receive \$75K to work on a Cell and Developmental Biology project. The desired result is future external funding.

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.

Amount: See solicitation.

## **Funding Agency: Environmental Research & Education Foundation (EREF)**

Title: [General Request for Proposals](#)

Application Deadline: Pre-Proposals accepted December 1, 2022

Purpose: "The sustainability movement has reached the business models of nearly every industry in the United States, and many companies, municipalities and states have set aggressive sustainability goals that include how waste streams are being managed. The EREF Board of Directors has set an initiative to ensure research funding reflects EREF's long-term strategic plan to address all areas of integrated solid waste management, with a strong focus towards research that increased sustainable solid waste management

practices.” Note, agricultural wastes (that aren’t handled by the waste industry), nuclear waste, and land applied wastewater treatment sludge are generally not included in the definition of solid waste as used in the RFP.

Amount: \$15,000-\$500,000 with the average grant amount in recent years being \$160,000

### **Funding Agency: U.S. Department of State and the Eurasia Foundation**

Title: [U.S.-Russia Peer-to-Peer \(P2P\) Dialogue Program Request for Applications 2022](#)

Application Deadline: December 5, 2022

Purpose: “Through this Request for Applications (RFA) and with the support of the U.S. Embassy Moscow, Eurasia Foundation (EF) invites project applications from P2P programs seeking to expand U.S.-Russian communication and cooperation. EF will fund innovative projects promoting peer-to-peer collaboration and long-term engagement between Russians and Americans on topics of mutual interest.”

Amount: \$70,000

### **Funding Agency: State of Kansas Department of Commerce**

Title: [EVT0008861 Manufacturing Plan for the State of Kansas](#)

Application Deadline: December 5, 2022

Purpose: “The State of Kansas would like to develop a comprehensive advanced manufacturing plan to help drive Kansas’ competitiveness especially among small and medium manufacturers.” See bid solicitation for details about the scope of work.

Amount: TBD

### **\*\*\* LIMITED \*\*\* The Camille & Henry Dreyfus Foundation**

Title: [2022 Camille Dreyfus Teacher-Scholar Awards](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit one nomination, *Notices of Intent* to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by December 7, 2022 at 12noon, in case an internal competition is needed. You will be informed if you have been chosen to proceed by December 14, 2022. Applications to the funder (if selected) will be due by February 1, 2023.

Purpose: “The Camille Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences. Based on institutional

nominations, the program provides discretionary funding to faculty at an early stage in their careers. Criteria for selection include an independent body of scholarship attained in the early years of their appointment, and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching.”

Amount: Research Grant of \$100,000

### **Funding Agency: U.S. Environmental Protection Agency (EPA)**

Title: [Developing and Demonstrating Nanosensor Technology to Detect, Monitor, and Degrade Pollutants Request for Applications \(RFA\)](#)

Application Deadline: December 7, 2022

Purpose: “Environmental pollutants such as pesticides, insecticides, dyes, phenols, endocrine disrupters, polycyclic aromatic hydrocarbons, per- and polyfluoroalkyl substances (PFAS), heavy metals, and nitrogen compounds can have adverse effects on human health even at low concentrations. Efforts are consistently being made to develop reliable and simple sensors to detect pollutants even at low levels. Environmental remediation technologies cover a vast range of applications that require tailored engineering solutions for successful implementation. Technologies applied for the treatment of water, soil, or air involve contaminant degradation or sequestration, and often use related processes such as adsorption or reduction/oxidation (redox) reactions.”

Amount: \$1,500,000 over three years

### **Funding Agency: Department of Energy (DOE): Energy Efficiency and Renewable Energy (EERE)**

Title: [FY22 AMMTO-GTO Joint FOA: Lithium Extraction and Conversion from Geothermal Brines](#)

Application Deadline: Concept Papers due December 9, 2022; Full Applications due January 31, 2023

Purpose: “DOE is looking for projects in the following two topic areas: One, Field Validation of Lithium Hydroxide Production from Geothermal Brines, and Two, Applied Research & Development for Direct Lithium Extraction from Geothermal Brines. The first topic seeks pilot or demonstration projects to validate cost-effective, innovative lithium extraction and LiOH conversion technologies from domestic geothermal brines. The second topic seeks to mature nascent technologies, processes, and methods that increase the efficiency, reduce the generation of waste, and/or reduce cost across one or multiple unit operations in the extraction, purification, and fluid trains.”

Amount: \$500,000-\$5,000,000 depending on topic; Note, cost share is required.

## **Funding Agency: WITH Foundation**

Title: [Grants](#)

Application Deadline: Letters of Intent due December 9, 2022; If invited, Full Applications due January 30, 2023

Purpose: “The WITH Foundation was created to provide financial support to organizations that promote comprehensive health care for adults with developmental disabilities. Grants of between \$30,000 and \$50,000 will be awarded in support of programs that improve the delivery of health care to adults with developmental disabilities and include at least one aspect of improving health practitioner competency through education and/or training programs; addressing the current inadequate reimbursement systems, advancing innovations in formal care coordination, enhancing advocacy regarding the inadequacies of developmentally disabled care to advance systemic change; increasing understanding of supported decision making in healthcare settings; promoting national efforts in digital health that support designers and developers to include the perspectives/experiences of the IDD community within the design process, to create better technology for all; social policy research; and identifying and overcoming barriers to high-quality healthcare access.”

Amount: \$30,000-\$50,000

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

Title: [NIH Support for Conferences and Scientific Meetings \(Parent R13 Clinical Trial Not Allowed\)](#)

Application Deadline: December 12, 2022

Purpose: “The purpose of the NIH Research Conference Grant (R13) is to support high quality conferences that are relevant to the public health and to the scientific mission of the participating Institutes and Centers (ICs).”

Amount: Application budgets are not limited but need to reflect the actual needs of the proposed project. The appropriate NIH Conference Grant Contact should be consulted for guidance regarding any IC-specific budget limitations.

## **Funding Agency: Bill & Melinda Gates Foundation**

Title: [Strengthening Modeling and Analytics Capacity and Ecosystem for Women’s Health](#)

Application Deadline: December 16, 2022

Purpose: “This RFP seeks innovative approaches to modeling of women's health issues or of broader health topics that incorporate a gender lens.”

Amount: Up to \$500,000

## **Funding Agency: U.S. Environmental Protection Agency (EPA)**

Title: [Understanding and Control of Municipal Solid Waste Landfill Air Emissions Request for Applications \(RFA\)](#)

Application Deadline: December 21, 2022

Purpose: “The U.S. Environmental Protection Agency (EPA) Office of Research and Development (ORD), as part of the Science to Achieve Results (STAR) program and in collaboration with the Air, Climate, and Energy (ACE) research program, is seeking applications proposing research on municipal solid waste landfill air emissions. Specifically, this request for applications (RFA) is soliciting research that addresses the following research priorities: 1) How can cost effective stationary, mobile, aerial, and remote sensing technologies be combined to more easily and accurately quantify landfill methane emissions, hazardous air pollutants (HAPs), and other air pollutant emissions from municipal solid waste (MSW) landfills? 2) How can cost effective stationary, mobile, aerial, and remote sensing measurements be used to increase ease of use and evaluate mitigation strategies and technologies to identify best landfill management practices?”

Amount: The EPA anticipates funding approximately 4 (2 regular and 2 early career) awards under this RFA. Requests for amounts in excess of a total of \$1,000,000 per regular award and in excess of a total of \$600,000 per early career award, including direct and indirect costs, will not be considered. The total project period requested in an application submitted for this RFA may not exceed three years.

## **Funding Agency: Midwest Biomedical Accelerator Consortium (MBArc)**

Title: [Call for Letters of Intent](#)

Application Deadline: Letters of Intent due December 23, 2022

Purpose: “The Hub deploys up to \$1 million/year in proof-of-concept milestone-driven/tranche funding and support for translational research projects. Select projects are provided with resources and the opportunity to work with experts to pressure-test the commercial viability of their ideas using universal business criteria as well as the unique requirements of biomedical product commercialization.” Email [proposals@wichita.edu](mailto:proposals@wichita.edu) for a copy of a flyer about this funding.

Amount: MBArc supports each project with a maximum of \$100,000 (in tranches), and the applicant is required to show at least an equal (1:1) cash match commitment from non-federal sources.

## **Funding Agency: McKnight Foundation**

Title: [2023 McKnight Scholar Awards](#)

Application Deadline: January 1, 2023

Purpose: “The McKnight Scholar Awards are given to exceptional young scientists who are in the early stages of establishing an independent laboratory and research career. The intent of the program is to foster the commitment by these scientists to research careers that will have an important impact on the study of the brain. The program seeks to support scientists committed to mentoring neuroscientists from underrepresented groups at all levels of training. Applicants for the McKnight Scholar Award must demonstrate their ability to solve significant problems in neuroscience, which may include the translation of basic research to clinical practice. They should demonstrate a commitment to an equitable and inclusive lab environment.”

Amount: Each Scholar will receive \$75,000 annually in 2023, 2024, and 2025.

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

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

Application Deadline: Preliminary proposals due January 5, 2023

Purpose: This opportunity “supports the design and implementation of research infrastructure – including equipment, cyberinfrastructure, large-scale datasets and personnel – whose total project costs exceed NSF's Major Research Instrumentation program but are under \$20 million.”

Amount: "Implementation" projects may have a total project cost ranging from \$4 million up to but not including \$20 million. Only "Design" projects may request less than \$4 million, with a minimum request of \$400,000 and a maximum request up to but not including \$20 million.

## **Funding Agency: REMADE Institute**

Title: [Education and Workforce Development Request for Proposals](#)

Application Deadline: Letters of Intent and Project Abstracts due January 6, 2023

Purpose: “Education and Workforce Development (EWD) project proposals are requested for projects that align with the EWD Roadmap and are seeking to develop short courses that can be used to educate, train, and develop the incumbent workforce for careers in the circular economy.”

Amount: \$100,000; Note, 1:1 cost match is required

**Funding Agency: Kansas NSF EPSCoR – ARISE (Adaptive and Resilient Infrastructure Driven by Social Equity)**

Title: [Research, Education and Innovation \(REI\) Awards](#)

Application Deadline: Full Proposals due January 10, 2023

Purpose: “Kansas NSF EPSCoR is seeking proposals for REI Awards in resiliency, with special consideration in these areas: i) Bias in machine learning & automation; ii) Resiliency planning & risk mitigation in indigenous communities; and iii) Emergency management; disaster & resilience planning.” Review eligibility requirements carefully.

Amount: \$50,000 in direct costs over fourteen months

**Funding Agency: U.S. Department of Energy: Office of Science in Nuclear Physics (NP)**

Title: [Artificial Intelligence and Machine Learning for Autonomous Optimization and Control of Accelerators and Detectors](#)

Application Deadline: Full Proposals due January 11, 2023

Purpose: “The DOE SC program in Nuclear Physics (NP) hereby announces its interest in receiving applications for research and development (R&D) efforts directed at artificial intelligence (AI) and machine learning (ML) for autonomous optimization and control of accelerators and detectors of relevance to current or next generation NP accelerator facilities and scientific instrumentation.”

Amount: \$50,000-\$2,000,000

**Funding Agency: National Endowment for the Humanities (NEH)**

Title: [Media Projects](#)

Application Deadline: January 11, 2023; optional draft due December 7, 2022

Purpose: “The Media Projects program supports the development, production, and distribution of radio programs, podcasts, documentary films, and documentary film series that engage general audiences with humanities ideas in creative and appealing ways. Projects must be grounded in humanities scholarship and demonstrate an approach that is thoughtful, balanced, and analytical. Media Projects offers two levels of funding: Development and Production.”

Amount: \$75,000-\$1,000,000

## **Funding Agency: William T. Grant Foundation**

Title: [Research Grants on Reducing Inequality](#)

Application Deadline: Letters of Intent due January 11, 2023, May 3, 2023, and August 2, 2023

Purpose: “This program supports research to build, test, or increase understanding of programs, policies, or practices to reduce inequality in the academic, social, behavioral, or economic outcomes of young people ages 5-25 in the United States. We prioritize studies that aim to reduce inequalities that exist along dimensions of race, ethnicity, economic standing, language minority status, or immigrant origins.”

Amount: \$100,000-\$600,000 (Major Research Grants) or \$25,000-\$50,000 (Officer Research Grants)

## **Funding Agency: William T. Grant Foundation**

Title: [Research Grants on Improving the Use of Research Evidence](#)

Application Deadline: Letters of Intent due January 11, 2023, May 3, 2023, and August 2, 2023

Purpose: “This program supports research on strategies to improve the use of research evidence in ways that benefit young people ages 5-25 in the United States. We want to know what it takes to produce useful research evidence, what it takes to get research used, and what happens when research is used. We welcome letters of inquiry for studies that pursue one of these broad aims.”

Amount: \$100,000-\$600,000 (Major Research Grants) or \$25,000-\$50,000 (Officer Research Grants)

## **Funding Agency: National Endowment for the Humanities (NEH)**

Title: [Sustaining Cultural Heritage Collections](#)

Application Deadline: January 12, 2023 (Optional Draft due December 8, 2022)

Purpose: “Cultural institutions, including libraries, archives, museums, and historical organizations, face an enormous challenge: to preserve humanities collections that facilitate research, strengthen teaching, and provide opportunities for lifelong learning. To ensure the preservation of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art, and historical objects, cultural institutions must implement measures that slow deterioration and prevent catastrophic loss from emergencies resulting from natural or human activity. They can accomplish this work most effectively through preventive conservation. Preventive conservation encompasses



managing relative humidity, temperature, light, and pollutants in collection spaces; providing protective storage enclosures and systems for collections; and safeguarding collections from theft, fire, floods, and other disasters.”

Amount: \$50,000 (Planning), \$100,000 (Implementation Level I), \$350,000 (Implementation Level II)

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

Title: [Human Networks and Data Science \(HNDS\) – Core Research](#)

Application Deadline: January 12, 2023

Purpose: “Human Networks and Data Science – Core Research (HNDS-R). Core research proposals will advance theory in a core Social, Behavioral and Economic (SBE) discipline by the application of data and network science methods. This includes the leveraging of large data sets with diverse spatio-temporal scales of measurement and linked qualitative and quantitative approaches, as well as multi-scale, multi-level network data and techniques of network analysis. Supported projects are expected to yield results that will enhance, expand, and transform theory and methods, and that generate novel understandings of human behavior – particularly understandings that can improve the outcomes of significant societal opportunities and challenges. HNDS-R encourages core research proposals that make innovative use of NSF-supported data networks, data bases, centers, and other forms of scientific infrastructure including those developed by HNDS-I (formerly RIDIR) projects.”

Amount: HNDS-R anticipates funding from 5 to 20 core research projects, including up to \$1.2 million for larger projects with convergent research teams.

## **Funding Agency: National Endowment for the Humanities (NEH)**

Title: [Cultural and Community Resilience](#)

Application Deadline: January 12, 2023 (Optional Draft due December 1, 2022)

Purpose: “The Cultural and Community Resilience program supports community-based efforts to mitigate climate change and COVID-19 pandemic impacts, safeguard cultural resources, and foster cultural resilience through identifying, documenting, and/or collecting cultural heritage and community experience. The program prioritizes projects from disadvantaged communities in the United States or its jurisdictions, and NEH encourages applications that employ inclusive methodologies.”

Amount: \$150,000

## **Funding Agency: Bob Woodruff Foundation**

Title: [Grants](#)

Application Deadline: January 12, 2023 and June 15, 2023

Purpose: “The Bob Woodruff Foundation Grants Program funds programmatic efforts serving the military/veteran community. BWF focuses on programs that improve overall health and wellbeing of service members, veterans, their families, and caregivers.”

Amount: Unknown

### **Funding Agency: National Endowment for the Humanities (NEH)**

Title: [National Digital Newspaper Program](#)

Application Deadline: January 12, 2023

Purpose: “The National Digital Newspaper Program (NDNP) is a partnership between the National Endowment for the Humanities and the Library of Congress (LC) to create a national digital resource of historically significant newspapers published between 1690 and 1963, from all the states and U.S. jurisdictions.”

Amount: \$325,000

### **Funding Agency: NCAA**

Title: [NCAA Innovations in Research and Practice Grant Program](#)

Application Deadline: Preliminary Proposals due January 13, 2023; If invited, Full Proposal will be due March 10, 2023.

Purpose: “The NCAA Innovations in Research and Practice Grant Program supports research and data-driven pilot projects designed to enhance student-athlete psychosocial well-being and mental health. Research topics may include, but are not limited to, managing transitions (e.g., from recruit to first-year student; transferring between universities; adapting from youth sports to college sports environment; developing independence from parents), identity development, stress management, substance use, bystander intervention, cultivating healthy relationships, career exploration and sport exit strategies. Funded projects must demonstrate potential to result in campus-level programming that can positively impact the well-being of NCAA student-athletes at a range of member institutions.”

Amount: Up to \$35,000

### **Funding Agency: Centers for Disease Control and Prevention**

Title: [Programmatic Interventions to Increase Uptake of Influenza and COVID-19 Vaccination Among Students Attending Institutions of Higher Education](#)

Application Deadline: Full Proposals due January 13, 2023

Purpose: “The purpose of this Notice of Funding Opportunity is to support research to investigate programmatic interventions to increase uptake of influenza and COVID-19 vaccination among students attending institutions of higher education (IHEs). The objectives include: 1) assessing knowledge and attitudes about influenza and COVID-19 vaccination coverage and mandates among undergraduate students; 2) identifying barriers and factors associated with likelihood of influenza and COVID-19 vaccine uptake; 3) designing, implementing, and assessing the effectiveness of one or more approaches to increase influenza and COVID-19 vaccination coverage among undergraduate students; and 4) performing a cost-assessment of the intervention(s). The study design will include a pre- and post-intervention survey, randomized controlled trial of one or more interventions informed by a pre-intervention survey, and a cost-analysis of each implement intervention.”

Amount: \$400,000-\$500,000

### **Funding Agency: Whitehall Foundation**

Title: [Research Grants and Grants-in-Aid](#)

Application Deadlines: Letters of Intent due January 15, 2023 and April 15, 2023

Purpose: “The Whitehall Foundation is a not-for-profit corporation that is focused exclusively on assisting basic research in vertebrate (excluding clinical) and invertebrate neurobiology in the United States. Investigations should specifically concern neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior.”

Amount: Research Grants typically \$100,000 per year; Grants-in-Aid are up to \$30,000 for one year period only.

### **Funding Agency: Environmental Protection Agency (EPA)**

Title: [Consumer Recycling Education and Outreach \(REO\) Grant Program](#)

Application Deadline: January 16, 2023

Purpose: “Projects funded through the grant program will: Inform the public about residential or community recycling or composting programs; Provide information about the materials that are accepted as part of residential or community recycling or composting programs; and Increase collection rates and decrease contamination across the nation.”

Amount: \$250,000-\$2,000,000

## **Funding Agency: National Academies Gulf Research Program**

Title: [Safer Offshore Energy Systems Grants](#)

Application Deadline: January 16, 2023

Purpose: “The SOES Grants are intended to support activities that contribute to reducing or managing risks associated with offshore energy production and transportation. This includes identifying best practices and impactful activities, documenting and applying lessons learned from past incidents and near-misses, and encouraging collaboration among industry, regulatory, and academic communities to advance understanding and communication about systemic risk in the offshore environment.”

Amount: A total of \$5M is available for this funding opportunity, with the number of proposals funded dependent on the quality and quantity of applications. Applicants should request funding commensurate with the scope of work, with an appropriate duration, nominally 24 months, but not to exceed 36 months.

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

Title: [Training-based Workforce Development for Advanced Cyberinfrastructure \(CyberTraining\)](#)

Application Deadline: January 19, 2023

Purpose: “This program seeks to prepare, nurture, and grow the national scientific research workforce for creating, utilizing, and supporting advanced cyberinfrastructure (CI) to enable and potentially transform fundamental science and engineering (S&E) research and education and contribute to the Nation's overall economic competitiveness and security. The goals of this solicitation are to (i) ensure broad adoption of CI tools, methods, and resources by the research community in order to catalyze major research advances and to enhance researchers' abilities to lead the development of new CI; (ii) integrate core literacy and discipline-appropriate advanced skills in advanced CI as well as computational and data-driven methods for advancing fundamental research, into the Nation's undergraduate and graduate educational curriculum/instructional materials; and (iii) build communities of research CI professional staff to deploy, manage, and collaboratively support the effective use of research CI, as well as establish career paths for those staff within and across institutions and science and engineering (S&E) disciplines.” Please note, a [webinar](#) on this opportunity was offered April 7, 2022; the recording is available on the website.

Amount: Pilot Projects: \$300,000; Implementation: \$500,000-\$1,000,000

## **Funding Agency: Mid-America Arts Alliance and the National Endowment for the Arts**

Title: [Creative Forces Community Engagement Grant](#)

Application Deadline: January 19, 2023

Purpose: “The Creative Forces Community Engagement Grant is a program of the National Endowment for the Arts (NEA) in partnership with Mid-America Arts Alliance (M-AAA). This grant program aims to improve the health, well-being, and quality of life for military service members and veterans exposed to trauma as well as their families and caregivers through experiences of art or art making.”

Amount: Matching Grants of \$10,000-\$50,000

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

Title: [Rural Communities Opioid Response Program – Overdose Response](#)

Application Deadline: January 19, 2023

Purpose: “This notice announces the opportunity to apply for funding under the Rural Communities Opioid Response Program-Overdose Response program. The Rural Communities Opioid Response Program (RCORP) is a multi-year HRSA initiative aimed at reducing the morbidity and mortality of substance use disorder (SUD), including opioid use disorder (OUD), in high-risk rural communities. This funding opportunity, RCORP-Overdose Response, will advance RCORP’s overall goal by supporting immediate responses to the opioid crisis in rural areas. Over the course of a one-year period of performance, RCORP-Overdose Response recipients will address immediate needs in rural areas through improving access to, capacity for, and sustainability of prevention, treatment, and recovery services for substance use disorder (SUD).”

Amount: Up to \$300,000

## **Funding Agency: University of Kansas Linda Hall Library**

Title: [Linda Hall Library Fellowships](#)

Application Deadline: January 20, 2023

Purpose: “The Linda Hall Library invites researchers to apply for its 2023-24 fellowships in the history of science and related humanities fields. These fellowships provide scholars of exceptional promise with financial support to explore the Library’s collections and join a dynamic intellectual community of in-house experts, fellows, and scholars from other Kansas City cultural and educational institutions.”

Amount: See website; amount varies based on type of fellowship.

### **Funding Agency: Washington Center for Equitable Growth**

Title: [Academic Grants](#)

Application Deadline: January 23, 2023

Purpose: “The Washington Center for Equitable Growth seeks to deepen our understanding of how inequality affects economic growth and stability. To do so, we support research investigating the various channels through which economic inequality, in all its forms, impacts economic growth and stability.”

Amount: Academic grants are typically in the \$25,000 to \$100,000 range over 1 to 3 years.

### **Funding Agency: National Institutes of Health (NIH) – Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)**

Title: [NICHD Research Education Programs \(R25 Clinical Trial Not Allowed\)](#)

Application Deadlines: January 25, 2023

Purpose: “Program leaders and faculty should be national leaders in the training area being proposed, should have a strong reputation as educators, and, where appropriate, should have current, vibrant research programs. Proposed programs should have clear practical content, with an expectation that participants will leave the program with enhanced research capabilities related to the mission of NICHD.”

Amount: \$150,000 direct costs per year

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

Title: [Stephen I. Katz Early Stage Investigator Research Project Grant \(R01 Clinical Trial Not Allowed\)](#)

Application Deadline: January 26, 2023, May 26, 2023 and September 26, 2023

Purpose: “The Stephen I. Katz Early Stage Investigator Research Project Grant supports an innovative project that represents a change in research direction for an early stage investigator (ESI) and for which no preliminary data exist. Applications submitted to this Funding Opportunity Announcement (FOA) must not include preliminary data. Applications must include a separate attachment describing the change in research direction. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.”

Amount: Application budgets are not limited but need to reflect the actual needs of the proposed project.

### **Funding Agency: American Athletic Conference**

Title: 2023-2024 Research Grants

Application Deadline: January 27, 2023

Purpose: “The American Athletic Conference (The American) Academic Consortium is pleased to announce the 2023-24 American Athletic Conference Research Grant Program. The program's goals are: (1) to stimulate research on college athletics designed to promote student-athlete welfare; and (2) to assist The American’s member institutions and intercollegiate athletics programs in evidence-based practice for student-athletes.” Email [proposals@wichita.edu](mailto:proposals@wichita.edu) for a copy of the solicitation.

Amount: \$15,000

### **Funding Agency: Center for Retirement Research at Boston College**

Title: [Steven H. Sandell Grant Program](#)

Application Deadline: January 31, 2023

Purpose: “The Center for Retirement Research sponsors the annual Steven H. Sandell Grant Program for scholars in the field of retirement or disability research and policy. The program is funded by the U.S. Social Security Administration to provide opportunities for junior or non-tenured scholars (within seven years of receiving their Ph.D.) from all academic disciplines to pursue cutting-edge projects on retirement or disability issues. Individuals from historically underserved or underrepresented communities are encouraged to apply.”

Amount: \$45,000

### **Funding Agency: Sedgwick County Division of Finance**

Title: [Request for Proposal #22-0084: Case Management System \(CMS\) for the District Attorney's Office](#)

Application Deadline: January 31, 2023

Purpose: “Sedgwick County, Kansas is seeking a firm or firms to provide a prosecutor case management solution for the Office of the District Attorney, Department of Corrections, and the County Counselor’s Office.”

Amount: TBD

### **Funding Agency: National Fish and Wildlife Foundation**

Title: [Five Star and Urban Waters Restoration Grant Program](#)

Application Deadline: January 31, 2023

Purpose: “The Five Star and Urban Waters Restoration Program seeks to develop nationwide community stewardship of local natural resources, preserving these resources for future generations and enhancing habitat for local wildlife. Grants seek to address water quality issues in priority watersheds, such as erosion due to unstable streambanks, pollution from stormwater runoff, and degraded shorelines caused by development.”

Amount: \$25,000-\$50,000

### **Funding Agency: National Endowment for the Humanities (NEH)**

Title: [Landmarks of American History and Culture](#)

Application Deadline: February 1, 2023 (Optional Draft due December 15, 2022)

Purpose: “The Landmarks of American History and Culture program supports a series of one-week residential, virtual, and combined format workshops across the nation that enhance and strengthen how K-12 educators, higher education faculty, and humanities professionals study sites, areas, or regions of historic and cultural significance and incorporate place-based teaching and learning in the humanities.”

Amount: \$190,000

### **Funding Agency: National League for Nursing**

Title: [Nursing Education Research Grants](#)

Application Deadline: February 15, 2023

Purpose: “The NLN Research in Nursing Education Grants Program supports high-quality studies that contribute to the development of the science of nursing education. NLN-funded grants promote diversity of research topics and support investigators who demonstrate rigor and innovative approaches to advance the field of nursing education research. All NLN research grants relate to the NLN Priorities for Research in Nursing Education.”

Amount: \$30,000

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

Title: [Partnerships in Astronomy & Astrophysics Research and Education \(PAARE\)](#)

Application Deadline: February 15, 2023



Purpose: “The objective of PAARE is to improve the quality and environment of astronomy and astrophysics research and education by stimulating the development of formal, long-term partnerships that provide authentic pathways into the research enterprise and broaden the participation of individuals from groups underrepresented in astronomy. Partnerships must substantially involve institutions seeking to create opportunities for student and faculty research that will increase the recruitment, retention, and success of these individuals. It is expected that the partnerships will build or strengthen research capacity, as well as foster a diverse, inclusive, and equitable environment for astronomy and astrophysics research and education at the partnering institutions.”

Amount: Awards are expected to have a range of budgets depending upon the proposed size, scope, and duration of the partnership. Funding is contingent upon availability of funds. \$1,500,000 is anticipated to fund three to five awards.

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

Title: [Using the Rules of Life to Address Societal Challenges \(URoL:ASC\)](#)

Application Deadline: February 15, 2023

Purpose: “The goal of the URoL:ASC program is to support use-inspired research that tackles pressing societal challenges. Principles that govern living systems, their architecture, metabolism, physiology, communication, and regulation provide valuable insights into how those systems effectively interact with each other and with the environment. Cells, organisms, ecosystems, and biomes all develop mechanisms to utilize and share resources, recycle nutrients and materials, and adapt to environmental perturbations, both individually and collectively, thereby addressing challenges similar to those faced by society today.”

Amount: \$28M is available for 10-15 awards; Standard NSF Grant

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

Title: [Mid-Career Advancement \(MCA\)](#)

Application Deadline: March 1, 2023 (Window opens February 1, 2023)

Purpose: “The MCA program offers an opportunity for scientists and engineers at the mid-career stage to substantively enhance and advance their research program and career trajectory. Mid-career scientists are at a critical career transition stage where they need to advance their research programs to ensure long-term productivity and creativity but are often constrained by service, teaching, or other activities that limit the amount of time devoted to research. MCA support is expected to help lift these constraints to reduce workload inequities and enable a more diverse scientific workforce (more women, persons with disabilities, and individuals from groups that have been underrepresented) at high academic ranks.”

Amount: Varies across disciplinary research programs

## **Funding Agency: Simons Foundation**

Title: [Neuroscience Collaborations Vision Statements Call and Request for Proposals](#)

Application Deadline: Letters of Intent will be due March 8, 2023; Opportunity will open January 11, 2023

Purpose: “The goal of the Simons Collaborations is to bring together groups of outstanding scientists to address topics of fundamental scientific importance, with a focus on fields in which significant new developments have created novel opportunities for exploration. To enable bold, creative and innovative research, each collaboration is funded for ten years (with a review at year five). We now seek vision statements to identify new, emerging breakthrough areas of neuroscience that are poised for high-impact funding by the Simons Foundation. We are interested in bold and cutting edge, idea-generating research that focuses on basic principles of brain function and may be overlooked or too risky for other funding organizations.”

Amount: \$25,000,000 per year

## **Funding Agency: Institute of Education Sciences**

Title: [Unsolicited Grant Opportunities](#)

Application Deadline: March 9, 2023

Purpose: “The Institute of Education Sciences (IES) will consider unsolicited applications for research, evaluation, and statistics projects that would make significant contributions to the mission of the organization. Under this announcement, we will consider applications for projects that are not eligible under our FY2023 grant competitions, both open and closed, described at <https://ies.ed.gov/funding/>. The applicant must demonstrate that the project was not eligible under one of our FY2023 grant competitions. In addition, we do not provide funds for projects that consist solely of program delivery or the provision of services to students. Activities supported by IES must be relevant to U.S. schools.”

Amount: Over the last 5 years, the average total award was approximately \$300,000, with a typical performance period lasting 1 to 3 years. Larger awards will be considered if the scope of the proposed work requires additional funds.

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

Title: [Evidence for Action: Innovative Research to Advance Racial Equity](#)

Application Deadline: Rolling

Purpose: “Evidence for Action prioritizes research to evaluate specific interventions (e.g., policies, programs, practices) that have the potential to counteract the harms of structural and systemic racism and improve health, well-being, and equity outcomes. We are

concerned both with the direct impacts of structural racism on the health and well-being of people and communities of color (e.g., Black, Latina/o/x, Indigenous, Asian, Pacific Islander people, and other races and ethnicities)—as well as the ways in which racism intersects with other forms of marginalization, such as having low income, being an immigrant, having a disability, or identifying as LGBTQ+ or a gender minority.”

Amount: There is not an explicit range for allowable budget requests.

## **Funding Agency: Bob Barker Foundation**

Title: [Grants](#)

Application Deadline: Rolling

Purpose: “The Bob Barker Foundation funds organizations that are well-managed, have financial and fundraising plans, engage in strategic planning, and have strong leadership and engaged governance. Your organization must meet the following requirements to receive consideration for funding: 1) Your organization’s work must result in reducing recidivism, 2) Your organization must work with a minimum of 100 incarcerated or formerly incarcerated individuals annually, 3) Your organization must have a 501(c)(3) tax-exempt status or be a governmental, educational or research institution with tax-exempt status, 4) Your methods must be “Evidence-Based” or use “Best Practices.”

Amount: Up to \$25,000

## **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 1-15, 2023

[Archaeology and Archaeometry](#) – July 1 and Dec 20 annually

[Astronomy and Astrophysics](#) – Oct 1-Nov 15, 2023

[Atmospheric and Geospace Sciences Postdoctoral Research Fellowships \(AGS-PRF\)](#) – proposals accepted anytime

[Biomechanics and Mechanobiology](#) – proposals accepted anytime

[Biophotonics](#) – proposals accepted anytime

[Biosensing](#) – proposals accepted anytime

[Cellular and Biochemical Engineering](#) – proposals accepted anytime

[Chemistry: Disciplinary Research Programs](#) – Sept & Oct - varies based on discipline

[Computational & Data-Enabled Science and Engineering](#) – Oct 31 and Nov 15 annually

[Cultural Anthropology Program Senior Research Awards](#) – Aug 15 and Jan 15 annually

[Directorate for Education and Human Resources \(EHR\) Core Research \(EHR:Core\)](#) – Oct 5, 2023

[Division of Materials Research: Topical Materials Research Programs \(DMR-TMRP\)](#) – proposals accepted anytime

[Ecology and Evolution of Infectious Diseases](#) – Nov 15, 2023  
[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  
[Geomorphology and Land-use Dynamics](#) – proposals accepted anytime  
[Geophysics](#) – proposals accepted anytime  
[Linguistics](#) – Jan 15 and Jul 15 annually  
[Mathematical Biology](#) – proposals accepted anytime  
[Methodology, Measurement, and Statistics](#) – Jan 26, 2023  
[Molecular and Cellular Biosciences](#) – proposals accepted anytime  
[Physics](#) – Nov & Dec – varies by topic  
[Science of Learning & Augmented Intelligence](#) – Feb 8, 2023  
[Secure & Trustworthy Cyberspace](#) – proposals accepted anytime  
[Security and Preparedness](#) – Jan 15 and Aug 15 annually  
[Smart & Connected Communities](#) – proposals accepted anytime  
[Social Psychology](#) – Jan 15 and Jul 15 annually  
[Sociology](#) – proposals accepted anytime  
[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 \(BPE\)](#) – Track 3 & 4 Letter of Intent due Sep 20, 2023; Track 1 & 2 proposals accepted anytime  
[Computer and Information Science and Engineering \(CISE\): Core Programs](#) – Varies by size of application (Small, Medium, Large)  
[Critical Aspects of Sustainability \(CAS\)](#) – Accepted anytime  
[Computer Science for All \(CS for All\)](#) – Feb 8, 2023  
[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#) – Oct 31, 2023 for CMI, ECS and MSN; Sep 30, 2023 for CAT, CSDM-A, SYN  
[Division of Materials Research: Topical Materials Research Program](#) – Accepted anytime  
[Division of Physics: Investigator-Initiated Research Projects](#) – Varies by topic  
[Earth Sciences: Instrumentation and Facilities Program](#) – Accepted anytime  
[Ethical and Responsible Research \(ER2\)](#) – Jan 21, 2023  
[Expeditions in Computing](#) – Varies by topic  
[Human-Environment and Geographical Sciences Program \(HEGS\)](#) – Jan 17, 2023  
[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposals due Mar 8, 2023 or Sep 13, 2023  
[Mathematical Sciences Infrastructure Program](#) – Feb 7, 2023  
[Partnerships for Innovation \(PFI\)](#) – Jan 11, 2023

[Robert Noyce Teacher Scholarship Program](#) – Aug 29, 2023

[Research and Mentoring for Post-baccalaureates in Biological Sciences \(RaMP\)](#) – TBD for 2023

[Research Experiences for Undergraduates \(REU\)](#) – TBD for 2023

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Oct 11, 2023

[Research Experiences for Teachers \(RET\) in Biological Sciences \(BIORETS\)](#) – Jul 31, 2023

## EDUCATION / TRAINING

### WSU Office of Research Workshops

Topics include an Introduction to the WSU Office of Research with resources and contacts, WSU policies and procedures related to research, finding funding utilizing Pivot, project budgeting and general grant-writing tips. Previously recorded workshops can also be found on the Office of Research website.

[Office of Research Workshops](#)

### Hanover Research Grants Workshops: November 22, 2022

Hanover Research is offering a series of webinars on a variety of topics “designed to help grant-seekers develop their skills and plan for upcoming competitions.” The webinar on November 22, 2022 is titled “Funding Landscape for Early Career Research.”

[Register for Hanover Workshop on November 22, 2022](#)

### Oklahoma State University High Performance Computing Center (HPCC) Workshop: November 29, 2022

Oklahoma State University HPCC upcoming workshops include such topics as Intermediate Linux for Scientists and Researchers, Beginning and Intermediate Bioinformatics, and Introduction to Machine Learning for Research.

[These Workshops and More Posted at WSU’s High Performance Computing Webpage](#)

### National Science Foundation (NSF) Webcast: Harnessing the power of data visualization: from insight and storytelling to AI explanation and data art: November 30, 2022

“Talk Abstract: While most of us are familiar with simple graphs such as bar charts and scatter plots, data visualization is a wide-ranging and expressive medium that extends beyond dashboards and annual reports. In this talk, I’ll present a broad view of the field, highlighting some of the techniques for exploratory data analysis that go beyond visualizing

numbers to look at different kinds of rich data such as text and images. I will discuss storytelling with data, how visualization can help us make sense of some AI systems and, finally, the expressiveness of artistic data visualization. By better understanding the reach and rhetorical power of visualizations, we can empower a wider set of stakeholders to be curious and to reason about data.”

[Register for NSF Webcast: Harnessing the Power of Data Visualization](#)

## **National Science Foundation (NSF) Electronic Research Administration (ERA) Forum: November 30, 2022**

“The topics for this Forum webinar will cover ORCID and SciENcv, Research.gov, Proposal Submission updates, FastLane to Research.gov Transition, Notifications and Requests, Supplemental Funding Requests and Award Notices (How-to updates), Award Notices, Schedule of Expenditures of Federal Awards (SEFA) Reporting, and Unique Entity Identifier (UEI).”

[Register for NSF ERA Forum](#)

## **Hispanic Serving Institutions (HSI) STEM Hub: Fall and Winter 2022-2023 Grant Training Webinar Series: December 2, 2022**

The NSF HSI STEM Resource Hub fall 2022 and spring 2023 webinar series focuses on celebrating and learning from successful NSF HSI awardees. We host panels of successful PIs on specific topics that will engage our audience and support grant writing efforts for those planning a grant submission. This webinar series focuses on a broad array of topics that promote student success, wellness and diversity and inclusion. Dr. Martha Desmond and Dr. Delia Valles are the hosts for this series. The HSI STEM Hub recommends participation in these webinars to learn from successful awardees, particularly if you are currently writing a proposal or are interested in grant writing. The December 2, 2022 topic is “Mentoring Incoming Cohorts for Success.”

[Register for HSI STEM Hub Fall and Winter Grant Training Webinar Series](#)

## **Virtual NIH Grants Pre-Conference Events: December 6-7, 2022 and January 12, 2023 and Virtual NIH Grants Conference: February 1-2, 2023**

It’s time to begin creating your 2022-2023 NIH Grants Conference experience! Sign up for a series of monthly PreCon Events that build up to the 2-day conference in February 2023. “Who Should Attend? Research Administrators, Researchers, Grant Writers, PostDocs, Trainees, and others in the research community. Are you new to working with the NIH Grants Process? If so, these events are perfect for you! More experienced with the NIH? We’re providing valuable resources, contacts, and special events for you too!”



[Register for NIH Grants Conference and Pre-Conference Events](#)

### **Simons Foundation Informational Webinar: Call for Neuroscience Collaborations Vision Statements: December 12, 2022**

The Simons Foundation seeks “vision statements to identify new, emerging breakthrough areas of neuroscience that are poised for high-impact funding by the Simons Foundation. We are interested in bold and cutting edge, idea-generating research that focuses on basic principles of brain function and may be overlooked or too risky for other funding organizations. We will prioritize cross-disciplinary collaborations that integrate many levels of analysis, methodologies, ways of thinking, and scientific communities. We endeavor to encourage conversations within and across fields while bringing together diverse groups of researchers to investigate important questions about the basic principles of brain function.”

[Register for Simons Foundation Informational Webinar](#)

### **WSU Information Security: Privacy & Security Training: December 13, 2022; 4:00-5:00pm in RSC Room 203 (Lancelot)**

Gina Riggs and Mark Rodee offer WSU Privacy and Security Training monthly on the second Tuesday of every month. Learn how to prevent, detect and respond to information security and privacy concerns.

Email [informationsecurity@wichita.edu](mailto:informationsecurity@wichita.edu) with questions.

### **National Institutes of Health (NIH) NIBIB Synthetic Biology Consortium Meeting: December 14, 2022**

The Synthetic Biology Consortium meets annually to facilitate important discussions focused on synthetic biology and cultivate a culture of synthetic biology research at the NIH. The 2022 Synthetic Biology Consortium Meeting will continue to facilitate networking and collaboration among synthetic biology investigators and NIH program directors. This year’s meeting will focus on control theory approaches to create robust synthetic biology technologies that are safe and predictable, especially in the context of human health. Prior to this meeting, the Synthetic Biology Consortium will also be hosting four (4) breakouts focused on specific topics within control theory.

[Register for NIH NIBIB Synthetic Biology Consortium Meeting](#)

### **Environmental Protection Agency (EPA) Emergency Response Research Webinar Series: December 14, 2022**

EPA's Office of Research and Development hosts this webinar series to share current research activities and results. This webinar series covers the latest information on research supporting EPA's response to chemical, biological, and radiological incidents, as well as

natural disasters. This forum allows EPA to communicate directly with partners and stakeholders to foster collaboration and dissemination of information. December 14, 2022 webinar topic is “Oil Spills.” Previous session recordings are available.

[EPA Emergency Response Research Webinar Series Webpage](#)

## **Environmental Protection Agency (EPA) Research to Support States: December 14, 2022**

EPA's Office of Research and Development (ORD) hosts this monthly public webinar series to translate EPA research and share research resources and information that are useful, practical/applied and available to meet research needs of states/territories and other entities, such as tribes, local governments, and communities. In addition, the EPA Tools and Resources Training Webinar Series provides in-depth overviews and step-by-step tutorials on popular EPA science-based models and tools. December 14, 2022 webinar topic is “Remediation to Restoration to Revitalization (R2R2R).” Previous session recordings are available.

[EPA Tools and Resources Webinar Series Webpage](#)

## **21<sup>st</sup> Annual K-INBRE Symposium: January 14-15, 2023**

The purpose of the Kansas INBRE (K-INBRE) is to promote multidisciplinary research networks with a focus on Cell and Developmental Biology; increase the research base and capacity through research support; provide a range of basic science and clinical research opportunities for student trainees; serve as a pipeline for students to continue in health research careers in IDeA states; and enhance science and technology knowledge of the state's workforce. “Our annual symposium is back in person, and we are excited to bring together students, faculty and staff from our 10 universities in Kansas and Oklahoma!” Note, Wichita State University's Dr. Haifan Wu is one of the presenters.

[Register for K-INBRE In-Person Symposium](#)

## **PCORI Annual Meeting Recordings Available for Viewing**

If you missed the live meeting, or want to revisit a favorite discussion, you can now watch all the sessions from the PCORI 2022 Annual Meeting on demand, and for free.

[Access 2022 PCORI Annual Meeting Recordings](#)

## **Learn to Use BeoShock for your Advanced Research Computing Needs**



Wichita State University continues to host Beoshock, a High-performance Computing Cluster (HPC). This HPC is available and free to faculty members, researchers and students engaged in course work or research activities. BeoShock runs the CentOS Linux operating system and features approximately 720 processor cores, two high memory compute nodes with 1.5 terabytes of memory, and four graphics processing unit (GPU) accelerators. BeoShock also has a variety of software tools that may be helpful in your research endeavors, such as Matlab, Mathematica, R, Python and many more.

Learn more about [BeoShock High-Performance Computing](#) and access the [BeoShock High Performance Computing User Guides](#)

## IMPORTANT ANNOUNCEMENTS

### Office of Research EMPLOYEE SPOTLIGHT – Fran Cook

Fran Cook joined the WSU Office of Research in 2013, after working in a nonprofit setting for 13 years. She has a Bachelor's and Master's degree in Social Work. Fran believes in the power of servant leadership and enjoys helping others to achieve their full potential whether that is through training, applying for external funding or negotiating and reviewing award agreements with researchers at WSU.

In her personal time, Fran enjoys scrapbooking and spending time with her three "boys": her husband, her teenage son, and their chocolate Labrador. She rarely turns down coffee or tiramisu and finds that wisdom in life can be learned by praying, reading and listening to others. [Read more about the Office of Research staff...](#)

### Nominations due December 9, 2022 to the Office of Research for Excellence Awards

Nominations for Excellence Awards in Research, Creativity Activity and Community Research are now being accepted by the Office of Research. All full-time faculty, including distinguished professors and endowed chairs, who have served at WSU for at least three years are eligible. Faculty who hold an administrative position above that of chair are not eligible. Previous winners of the award are ineligible to be nominated for a period of five years following the award. Please see the Office of Research website for additional details and nomination forms. Nominations must be received by Friday, December 9, 2022, to be considered.

[WSU Excellence Awards in Research, Creativity Activity and Community Research Information and Nomination Forms](#)

### Analytics for Equity Initiative Pre-Solicitation Notices Are Posted

“The U.S. National Science Foundation is piloting the Analytics for Equity Initiative to support social, economic and behavioral sciences research that leverages federal data and scientific advances in researching equity-related topics for greater public benefit. Led by NSF and in partnership with the White House Office of Science and Technology Policy, the White House Office of Management and Budget and other federal agencies, the initiative links interested researchers directly with federal agencies seeking to answer research questions captured in their learning agendas in equity-related research themes.”

[Read the Pre-Solicitation Notices and More about the Analytics for Equity Initiative](#)

## **Link Your ORCID ID with Your CITI Account**

CITI has made it possible for researchers to connect their ORCID IDs to their CITI Program profiles. An ORCID iD is a permanent numeric identifier that individuals own and control, which provides a way to distinguish themselves uniquely from other researchers and scholars. ORCID iDs are often used in systems and platforms from grant applications to manuscript submissions, and are increasingly required by funders, publishers, data repositories, and other research workflows.

[Read the CITI Support Article about Linking ORCID IDs to CITI Program Profiles](#)

## **National Institutes of Health (NIH) Forms-H**

NIH posted an article in their external newsletter about Forms-H, which is required for application submissions due on or after January 25, 2023.

[FORMS-H: Instructions, Forms, and a Handy Checklist](#)

## **Scialog Invites Nominations for Fellows**

Scialog seeks to accelerate the work of 21st-century transformational science through research, dialogue, and community. The Research Corporation for Science Advancement (RCSA) regularly brings together early career scientists with internationally recognized researchers, educators, and science administrators. Our aim is to build communities of interest to advance the scientific enterprise. RCSA-sponsored conferences promote creative thinking and collaboration on problems of national and global importance.

[See upcoming Scialog Events](#)

## **National Science Foundation (NSF) Proposal and Award Policies and Procedures Guide (PAPPG) 2023**

A revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 23-1) has been issued. The new PAPPG will be effective for proposals submitted or due on or after January 30, 2023.

[NSF PAPPG 23-1](#)

## National Science Foundation (NSF) Dear Colleague Letter: Advancing Plant Transformation

“With this Dear Colleague Letter (DCL), existing programs in the National Science Foundation's (NSF) Directorate for Biological Sciences (BIO) and the United States Department of Agriculture's National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (AFRI) highlight their interest in receiving proposals that advance the field of plant transformation, including proposals supporting basic research and protocol/tool development, and proposals of applications that emphasize the potential outcomes with benefits to society during fiscal years 2023 and 2024.”

[Read NSF 23-019](#)

## Reminder - National Institutes of Health (NIH) Notice with Implementation Details for the NIH Data Management and Sharing (DMS) Policy

“The purpose of this notice is to inform the extramural research community of implementation details for the NIH Policy for Data Management and Sharing (DMS Policy) affecting grant and cooperative agreement applications submitted for receipt dates on or after January 25, 2023. The DMS Policy applies to all NIH research, funded or conducted in whole or in part by NIH, that results in the generation of scientific data. The DMS Policy does not apply to research and other activities that do not generate scientific data.” A [preview of the optional DMS plan format page](#) is available.

[Read NIH Notice NOT-OD-22-189](#)

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