



WICHITA STATE  
UNIVERSITY  
OFFICE OF RESEARCH

## INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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### January 26, 2024

Congratulations to those who received grants in December! So far this fiscal year, WSU's AA researchers proposed \$39,032,755 in funding, were awarded \$55,998,140 and generated \$2,058,599 in indirect cost recovery.

You will find a spotlight on Traci Shepherd in the announcements section. Traci is a Research Grant Administrator on the Post-Award team. Please also note in the announcements section that the Office of Research webpage now posts quarterly newsletters from the national EPSCoR/IDeA Coalition; Kansas is an EPSCoR state. For The Delfin opportunity announced last month, the list of potential faculty mentors is now closed for Summer 2024, but will become available again and grow in subsequent years. This is an opportunity to mentor undergraduate research students from Latin American countries for seven weeks during the summer, and potentially recruit them to your research group and/or WSU when they graduate.

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

Coleen Pugh, Vice Provost for Research

## AWARDS

### INSTITUTE FOR KANSAS ELECTIONS

PI/Department: Brian Amos, Political Science

Sponsor: State of Kansas - URCA

Amount: \$4,500

## **HYDROGEL-BASED TARGETED HORMONE THERAPY FOR POST CANCER TREATMENT**

PI/Department: Ramazan Asmatulu, Mechanical Engineering

Co-PI/Department: Shang-You Yang, Biological Sciences

Sponsor: Flossie E West Memorial Trust

Amount: \$36,280

## **INTERGOVERNMENTAL PERSONNEL ACT (IPA) ASSIGNMENT**

PI/Department: Elizabeth Behrman, Physics

Sponsor: Natl Science Foundation

Amount: \$190,672

## **WASTEWATER TREATMENT WORKS (ROUND 2) PRIORITY AREA 2: PROTECT WATER QUALITY AND COMPLIANCE ASSISTANCE (EPA-OW-OWM-22-02)**

PI/Department: Tonya Bronleewe, HWS of Urban & Public Affairs

Sponsor: University of New Mexico / Environmental Protection Agency

Amount: \$500,000

## **THE USE OF RADAR TECHNOLOGY AND AI TECHNIQUES TO FORECAST EARLY-STAGE DROUGHT IN KANSAS**

PI/Department: Zelalem Demissie, Geology

Sponsor: Univ of Kansas Ctr – Research, Inc. / Natl Science Foundation

Amount: \$66,826

## **MEDICAL, CIVIL, AND LEGAL EXPERTISE IN DEBATES ABOUT GENDER-AFFIRMING HEALTHCARE FOR YOUTH**

PI/Department: Alyssa Lynne-Joseph, Sociology

Sponsor: State of Kansas - URCA

Amount: \$4,500

## **LEADERSHIP SHARED: THE LIFE AND CAREER OF JOHN CARLIN**

PI/Department: Jay Price, History and Geography

Sponsor: State of Kansas - URCA

Amount: \$4,500

## **HEARING FROM THE SILENCED: APPLYING NATIVE AMERICAN ARTIST VOICES FOR ANTI-RACIST/CULTURALLY COMPETENT CURRICULUM AND STUDENT IDENTITY DEVELOPMENT**

PI/Department: Lori Santos, School of Art & Design

Sponsor: National Art Education Association

Amount: \$2,116

## **EVALUATION OF THE GUIDED INDEPENDENT LIVING ASSESSMENT (GILA) PROGRAM**

PI/Department: Victoria Sherif, Applied Studies Dean's Office

Co-PI/Department: Angela Beeler, Dept of ISLE

Sponsor: Cerebral Palsy Res Foundation - Kansas, Inc.

Amount: \$47,235

## **FIRST AWARDS PHYSICS-INFORMED MACHINE LEARNING MODEL FOR ASSESSMENT OF STATE OF HEALTH OF LITHIUM-ION BATTERIES USED IN RESILIENT INFRASTRUCTURE APPLICATIONS**

PI/Department: Davi Marcelo Soares, Electrical & Computer Engr

Sponsor: Univ of Kansas Ctr – Research, Inc. / Natl Science Foundation

Amount: \$67,652

## **WICHITA COALITION FOR CHILD ABUSE PREVENTION**

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Kansas Children's Service League / Dept of Health and Human Services

Amount: \$9,000

MONTHLY AWARDS FOR THE DIVISION OF INDUSTRY AND DEFENSE EQUAL \$31,097,938, OF WHICH THE ENTIRE AMOUNT BELONGS 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 search 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. Visit [Pre-Award Services](#) to find out more about applying for external funding. COMING SOON: a new proposal intake form that will help expedite the proposal assignment process for WSU faculty and staff!

### \*\*\* LIMITED \*\*\* Funding Agency: Centers for Disease Control and Prevention (CDC)

Title: [Demonstration Projects to Research and Evaluate Strategies Aligned with CDC's What Works in Schools \(WWIS\) Approach](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit one proposal in response to this opportunity, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by January 29, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is February 12, 2024. Applications to the funder (if selected) will be due by March 11, 2024.

Purpose: "This Notice of Funding Opportunity supports research to implement and evaluate strategies aligned with CDC's WWIS approach for successful implementation in local education agencies and schools serving rural or American Indian and/or Alaska Native adolescents to address students' health behaviors, experiences, and outcomes, particularly those related to sexual and reproductive health and mental and behavioral health, as well as suicidality, substance use, and experiences of violence."

Amount: \$350,000-\$500,000 per budget period

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

Title: [Core Facility Support and Recruitment Packages](#)

Application Deadline: February 1, 2024 at 5pm

Purpose: “The purpose of the 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.”

Amount: \$10,000 in direct costs for Core Facility Support; \$40,000 in direct costs for Recruitment Packages

## **Funding Agency: Massage Therapy Foundation (MTF)**

Title: [MTF Research Support Grant](#)

Application Deadline: February 1, 2024

Purpose: “MTF research grants support high quality, independent research that contributes to the basic science of massage therapy application, including applied research investigating massage therapy as a health/mental health treatment and/or prevention modality.”

Amount: \$30,000

## **Funding Agency: WSU Faculty Support Committee**

Title: [Award for Research / Creative Projects in Summer \(ARCS\)](#)

Application Deadline: February 2, 2024 at 5pm

Purpose: The ARCS opportunity provides funding of up to \$4,000 to enable faculty to pursue research or creative projects during the summer. Proposers must work with a Grant Specialist in the Office of Research prior to submission and all complete applications require an endorsement from the Chair and Dean. Incomplete or late applications will not be reviewed or considered.”

Amount: \$4,000

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

Title: [Reducing Indoor Air Risks](#)

Application Deadline: February 5, 2024

Purpose: “This notice announces the availability of funds and solicits applications from eligible entities to advance national policy or systems-level change to reduce indoor air risks and yield measurable environmental and public health outcomes. The EPA has identified and characterized significant risks to public health from indoor environmental contaminants that are commonly found in homes, schools, and offices or commercial non-industrial buildings where Americans spend up to 90 percent of their time. Levels of air pollution indoors are often two to five times higher, and occasionally 100 times higher than outdoor levels.”

Amount: Between \$75,000-\$200,000 annually

## **Funding Agency: Patient-Centered Outcomes Research Institute (PCORI)**

Title: [Maternal Morbidity and Mortality Cycle 1 2024](#)

Application Deadlines: Letters of Intent due February 6, 2024; If invited, Full Applications due May 7, 2024

Purpose: PCORI “seeks to fund high-quality, comparative clinical effectiveness research projects that focus on maternal morbidity and mortality.” Special Areas of Emphasis include “Optimal prevention, diagnosis, and treatment strategies for high-risk pregnant people; Populations experiencing disparities in maternal health outcomes; and Observational CER examining variations in healthcare practices.”

Amount: Up to \$12,000,000

## **Funding Agency: Patient-Centered Outcomes Research Institute (PCORI)**

Title: [Sleep Health Cycle 1, 2024](#)

Application Deadlines: Letters of Intent due February 6, 2024; If invited, Full Applications due May 7, 2024

Purpose: PCORI “seeks to fund high-quality, patient-centered comparative clinical effectiveness research (CER) projects that focus on sleep health.” Special Areas of Emphasis include “Promoting Sleep Health Equity; Chronic Conditions Co-occurring with Sleep Disturbances; Focus on Sleep Health Beyond Diagnosed Sleep Disorders; and Promoting Sleep Health in Inpatient Settings.”

Amount: Up to \$12,000,000

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

Title: [A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SoS:Bio\)](#)

Application Deadlines: February 9, 2024 and September 9, 2024

Purpose: “SoS:Bio is a joint program between the National Institute of General Medical Sciences of the National Institutes of Health and the Science of Science: Discovery, Communication, and Impact Program of the NSF. SoS:Bio supports research that advances the scientific basis of science and innovation policy, with a focus on the biomedical sciences. SoS:Bio will fund the development of models, analytical tools, data and metrics that can inform science policy and the development of the scientific enterprise. SoS:Bio welcomes individual and collaborative research projects and places a high priority on interdisciplinary research and on broadening participation.”

Amount: \$100,000-\$250,000 per year

## **Funding Agency: Adobe**

Title: [Data Science Research Award](#)

Application Deadline: February 10, 2024

Purpose: “Every year, Adobe funds a university faculty research program to promote the understanding and use of data science in the area of marketing. Our goal is to encourage both the theoretical and empirical development of solutions to problems in marketing.”

Amount: \$50,000

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

Title: [Science of Science: Discovery, Communication and Impact \(SoS:DCI\)](#)

Application Deadline: February 12, 2024

Purpose: “The SoS:DCI program is designed to advance theory and knowledge about increasing the public value of scientific activity. Science of Science draws from multiple disciplinary and field perspectives to advance theory and research about scientific discovery, communication and impact.”

Amount: Standard NSF Grant

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

Title: [EPSCoR Research Infrastructure Improvement Track-4: EPSCoR Research Fellows \(RII Track-4:NSF\) only](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit four proposals in response to this opportunity, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by February 13, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is February 27, 2024. Applications to the funder (if selected) will be due by April 9, 2024.

Purpose: “EPSCoR RII Track-4: EPSCoR Research Fellows directly aligns with NSF EPSCoR strategic goal of establishing sustainable Science, Technology, Engineering, and Mathematics (STEM) professional development pathways that advance workforce development in STEM and effects engagement in STEM at national and global levels. EPSCoR RII Track-4: EPSCoR Research Fellows provides awards to build research capacity in institutions and transform the career trajectories of investigators and further develop their individual research potential through collaborations with investigators from the nation’s premier private, governmental, or academic research centers. The fellowship provides opportunities to establish strong collaborations through extended or periodic collaborative visits to a selected host site. Through collaborative research activities with the host site, Fellows will be able to learn new techniques, develop new collaborations, advance existing partnerships, benefit from access to unique equipment and facilities, and/or shift their research toward potentially transformative new directions. The experiences gained through the fellowships are intended to have lasting impacts that will enhance the Fellows’ research trajectories well beyond the award period. The benefits to the Fellows are also expected to improve the research capacity of their institutions and jurisdictions more broadly.”

Amount: Costs may not exceed \$300,000; Note, WSU is not eligible for the @NASA track.

**Funding Agency: U.S. Department of Energy (DOE): Advanced Research Projects Agency Energy (ARPA-E)**

Title: [Creating Hardened and Durable Fusion First Wall Incorporating Centralized Knowledge \(CHADWICK\)](#)

Application Deadlines: Concept Papers due February 13, 2024

Purpose: “The primary objective of the CHADWICK program is the development of new first-wall materials that will significantly improve the commercial viability of nuclear fusion.”

Amount: \$1,000,000-\$7,000,000; Note, cost share is required.

**Funding Agency: U.S. Department of Agriculture (USDA): Food and Nutrition Service**



Title: [Participation in WIC & Prevalence of Health Risks Associated with Maternal Mortality](#)

Application Deadline: February 14, 2024

Purpose: “While WIC participation is shown to improve several maternal outcomes, more evidence, unique data sets, and innovative approaches to epidemiological evaluation are needed to understand and document the impact of WIC participation on maternal health, specifically the impact of WIC participation on maternal morbidity and mortality. The goal of this request for applications is to initiate and support a rigorous academic research program that will build evidence of WIC’s impact on maternal health outcomes associated with morbidity and mortality.”

Amount: \$1,000,000

### **Funding Agency: Flossie E. West Memorial Trust**

Title: FY 2024 Research Related to the Study and Cure of Cancer

Application Deadline: February 16, 2024

Purpose: “The Flossie E. West Memorial Trust provides support for basic research relating to the study and cure of cancer. Two grants will be awarded for up to \$41,000 each. Projects that develop pilot data for proposals to be submitted to government agencies, foundations, or industries are also encouraged. Funds are restricted to WSU faculty project expenses.”  
Email [proposals@wichita.edu](mailto:proposals@wichita.edu) for a copy of the solicitation.

Amount: Up to \$41,000

### **Funding Agency: UCLA & UC Santa Barbara (with funding from NSF TIP Directorate)**

Title: [Call for Workshop Proposals: Innovation, Culture and Creativity \(ICC\)](#)

Application Deadline: Mandatory Concept Papers due February 16, 2024; If invited, Full Applications due in April 2024

Purpose: “In 2024, the ICC project will fund workshops across the U.S. that explore support for innovation at the intersection of culture, creativity and technology. Supported by a grant from the NSF and coordinated by a team from UCLA and UC Santa Barbara, the ICC Workshops will gather experts in arts, humanities, science, engineering, innovation studies, urban planning, and other disciplines to identify regional opportunities, as well as those for distributed communities-of-practice. Workshop results will be brought together in a national convening at the end of 2024.” Note: informational webinars will be held January 25 and February 5.

Amount: Up to \$75,000

## **Funding Agency: Dana Foundation**

Title: [2024 Neuroscience & Society Pilot Projects](#)

Application Deadlines: Letters of Interest due February 16, 2024 or May 31, 2024

Purpose: “The Dana Foundation is leading efforts to build the emerging and critical field of neuroscience and society, which bridges the gap between research in the lab and the interdisciplinary skills needed to use it to improve people’s lives. Through our work, we strive to foster collaboration between students, neuroscience and society scholars, funders, policymakers, professionals, and communities in pursuit of advancing knowledge and co-creating neuroscience-informed solutions to complex societal problems.” Visit the Dana Foundation [website](#) for more information about their three grant program areas (Dana Education, Dana NextGen, Data Frontiers).

Amount: Up to \$150,000

## **Funding Agency: America’s Seed Fund: U.S. Small Business Administration (SBA)**

Title: [SBA Growth Accelerator Fund Competition \(GAFC\)](#)

Application Deadline: February 16, 2024

Purpose: “Stage One offers \$50,000 in cash prizes awarded to organizations for ecosystem-building activities, including recruitment of new partners, and strengthening existing alliances among stakeholders (including public, private, non-profit, and academic partners). Contestants work collaboratively with chosen partners to bring additional resources, deepen network connections, and develop strategies to support STEM/R&D-focused entrepreneurs and small businesses. SBA welcomes Stage One submissions from a broad range of organizations with a collaborative vision to nurture a national ecosystem for equitable access to entrepreneurship.”

Amount: \$50,000 Cash Prizes for Stage 1

## **REMINDER - Funding Agency: Department of Defense**

Title: Fiscal Year 2025 Defense University Research Instrumentation Program (DURIP) – [Army](#) | [Navy](#) | [Air Force](#)

Application Deadline: February 16, 2024

Purpose: “DURIP is designed to improve the capabilities of accredited U.S. institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense, by providing funds for the acquisition of research equipment or instrumentation.”

Amount: \$50,000-\$3,000,000

### **Funding Agency: OpenAI**

Title: [Superalignment Fast Grants](#)

Application Deadline: February 18, 2024

Purpose: “We’re launching \$10M in grants to support technical research towards the alignment and safety of superhuman AI systems, including weak-to-strong generalization, interpretability, scalable oversight, and more.”

Amount: \$100,000-\$2,000,000

### **Funding Agency: U.S. Department of Energy (DOE)**

Title: [Marine Energy University Foundational R&D](#)

Application Deadlines: Mandatory Concept Papers due February 20, 2024; If invited, Full Applications due April 22, 2024

Purpose: “...to support foundational research at domestic institutions of higher education, including minority-serving institutions, to address challenges facing marine and ocean renewable energy industries and spur innovation and development. This opportunity will provide funding for foundational research and development (R&D) activities to advance marine energy and offshore wind technologies with the goal of more widely deploying renewable energy sources.”

Amount: \$100,000-\$1,000,000

### **Funding Agency: Human Animal Bond Research Institute (HABRI)**

Title: [Addressing Evidence-Based Health Benefits of Human-Animal Interaction](#)

Application Deadline: February 22, 2024

Purpose: “HABRI is issuing a call for research proposals from institutions and organizations across the globe to investigate the health outcomes of pet ownership and/or animal-assisted interventions both for the people and the animals involved. Proposals should have a strong theoretical framework and focus on innovative approaches to studying the positive effects of companion animals on human health.”

Amount: While there is no budget cap, HABRI awards an average of 5-6 projects each year with project costs averaging approximately \$45,000 per project and an average duration of about 20 months.

## **REMINDER - Funding Agency: Defense Advanced Research Projects Agency (DARPA)**

Title: [Young Faculty Award \(YFA\)](#)

Application Deadline: February 22, 2024

Purpose: “The DARPA YFA program aims to identify and engage rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to Department of Defense needs and DARPA’s mission to create and prevent technological surprise. The YFA program will provide high-impact funding to elite researchers early in their careers to develop innovative new research that enables transformative DoD capabilities. Ultimately, the YFA program is developing the next generations of researchers focused on national security issues.”

Amount: \$250,000

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

Title: [Engineering Higher Education Matching \(EHM\) Grants Program Application 2024](#)

Application Deadline: February 23, 2024

Purpose: “Any state educational institutions and members of the Kansas Independent College Association with primary locations in Kansas and accredited engineering programs, including computer engineering or computer science, recognized by the Accreditation Board for Engineering and Technology (ABET) are eligible to complete the application for funding.”

Amount: \$20,000 per graduate from an accredited engineering program exceeding WSU’s threshold amount; Note, cost share is required.

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

Title: [Arts Everywhere Program](#)

Application Deadline: February 23, 2024

Purpose: “The Arts Everywhere grant program provides funding for cultural projects, programs, exhibitions, series, arts education projects, and other arts programming. This program provides funding for educational institutions, arts organizations, and community service non-profits to use the arts to increase student success, foster creative thinking, develop critical job skills, enhance community development, and increase participation in the arts across Kansas. Projects must relate to an arts and culture discipline.”

Amount: \$1,000-\$20,000 depending on category and eligibility

## **Funding Agency: Advanced Research Projects Agency for Health (ARPA-H)**

Title: [Platform Accelerating Rural Access to Distributed and Integrated Medical Care \(PARADIGM\)](#)

Application Deadlines: Optional Abstracts due February 27, 2024; Full Applications have an anticipated due date of April 26, 2024

Purpose: “The PARADIGM program aims to address the current challenges in rural health by creating a scalable vehicle platform that can provide advanced medical services outside of a hospital setting. Building on recent developments in fields ranging from satellite communication to medical device miniaturization, this mobile care platform will allow health providers to meet rural patients where they are.”

Amount: Proposer funding will depend on the quality of proposals received.

## **Funding Agency: Rita and Alex Hillman Foundation**

Title: [Hillman Emergent Innovation and Hillman Innovations in Care](#)

Application Deadlines: Letters of Intent accepted until February 27, 2024

Purpose: “We focus our grantmaking efforts on advancing leading edge, nursing-driven interventions that target the needs of marginalized populations.” Emergent Innovation opportunity “accelerates the development of bold, early-stage interventions.” The Innovations in Care opportunity “advances innovative, evidence-based interventions that are ready to grow.”

Amount: \$50,000 for Emergent Innovation; \$600,000 for Innovations in Care

## **Funding Agency: Kansas NASA EPSCoR (KNEP)**

Title: [State Proposals to International Space Station Flight Opportunity \(EPSCoR ISS\)](#)

Application Deadline: March 1, 2024

Purpose: “KNEP is seeking proposals for eventual submission to NASA Notice of Funding Opportunity announcement number NNH24ZHA004C. As outlined in the NASA announcement, “the ISS will provide the integration and flight opportunity. There are a variety of laboratory facilities and capabilities designed to support a range of scientific disciplines on the ISS.” For the ISS opportunity, ground-based research should be established and “all proposed projects should be mature enough to transition to a flight experiment with little or no additional NASA funding during the Period of Performance.”

Amount: \$150,000

## **Funding Agency: Kansas State University NIH CEZID COBRE**

Title: [Call for Pilot Project Applications](#)

Application Deadline: March 1, 2024

Purpose: “The KSU NIH CEZID COBRE will provide investigators with support for research activities, mentoring, and access to Core Lab Services. The CEZID pilot grant program is intended to enable junior and senior investigators to generate preliminary data for submission of competitive grant applications, develop new technologies, and/or achieve other goals that will better position the applicant and institution to conduct biomedical research. Applications must describe a pilot research project that fits well with the scientific theme of CEZID and must incorporate substantial use of one or more associated core labs at KSU.”

Amount: \$50,000 in direct costs

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

Title: [Expanding TRIPODS through Partnerships \(XTRIPODS\)](#)

Application Deadline: March 1, 2024

Purpose: “The Expanding Transdisciplinary Research in Principles of Data Science through Partnerships (XTRIPODS) program, which leverages the existing TRIPODS program, aims to broaden participation in data science research, education, and workforce development by supporting partnerships between the current TRIPODS Phase II Institutes and Institutions of Higher Education that do not traditionally receive significant amounts of NSF funding. Only institutions that are not classified as Carnegie Research 1 universities are eligible.”

Amount: \$200,000

### **Funding Agency: Melanoma Research Foundation (MRF)**

Title: [Research Grants](#)

Application Deadline: March 1, 2024

Purpose: “The foundation provides emerging and established scientific investigators with highly sought-after grants that allow them to explore new, high-impact avenues in melanoma research.” Please see website for more information about MRF Breakthrough Consortium Young Investigator Team Award to Advance the Field of Translational Immuno-Oncology (MRFBC), Established Investigator Awards (EIA), and Career Development Awards (CDA).

Amount: \$300,000 for MRFBC; \$250,000 for EIA; \$100,000 for CDA

### **Funding Agency: U.S. Department of State: U.S. Mission to Venezuela**

Title: [EducationUSA Professional College Counselor Network Program](#)

Application Deadline: March 1, 2024

Purpose: “The Public Diplomacy Section in the Venezuela Affairs Unit (VAU) is seeking proposals to develop an EducationUSA Professional College Counselor Network. The Program Objective is to form a professional network of up to 50 trained secondary school college and career counselors.”

Amount: Up to \$50,000

### **Funding Agency: The Teagle Foundation**

Title: [Knowledge for Freedom](#)

Application Deadlines: Concept Papers due March 1, August 1, and December 1, 2024

Purpose: “The Knowledge for Freedom initiative supports programs that invite underserved high school students to college to study humanity’s deepest questions about leading lives of purpose and civic responsibility. Grants of varying amounts, ranging from \$100,000-\$300,000 over a 36-month period, will be made to each funded project participating in this initiative. The size of the grant will be based on the scope of the project. Colleges and universities interested in launching Knowledge for Freedom programs are encouraged to apply for planning grants, ranging from \$10,000 to \$25,000 over a 6–12-month period.”

Amount: \$10,000-\$25,000 for Planning Grants

### **Funding Agency: U.S. Department of Education**

Title: [OSERS: OSEP: Educational Technology, Media, and Materials for Individuals with Disabilities Program–National Center on Digital Access in Education, Assistance Listing Number 84.327Z](#)Application Deadline: March 4, 2024

Purpose: “The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to improve results for children with disabilities by (1) promoting the development, demonstration, and use of technology; (2) supporting educational activities designed to be of educational value in the classroom for children with disabilities; (3) providing support for captioning and video description that is appropriate for use in the classroom; and (4) providing accessible educational materials to children with disabilities in a timely manner.”

Amount: Up to \$1,800,000

### **Funding Agency: Lung Cancer Research Foundation (LCRF)**

Title: [Funding Opportunities 2024](#)

Application Deadlines: Letters of Intent due March 4, 2024; If invited, Full Applications due June 10, 2024

Purpose: “In keeping with our mission, the LCRF grant program provides funding for research into the prevention, diagnosis, treatment and cure of lung cancer. Our funding mechanisms are designed to fund innovative projects across a variety of diverse topics and to support the careers of talented scientists.”

Amount: Varies by funding opportunity

### **Funding Agency: U.S. Department of Transportation (DOT)**

Title: [Mobility Equity Research Initiative](#)

Application Deadline: March 5, 2024

Purpose: “Through this Notice of Funding Opportunity, U.S. DOT seeks to advance research and technologies that support the Department’s goal of expanding accessibility and mobility to underserved communities, including people with disabilities, older Americans, and rural and disadvantaged communities. Further, U.S. DOT is seeking proposals that will produce research results and tools that build on or complement existing data and systems such as those found on <https://equity-data.dot.gov/>.”

Amount: \$1,485,000-\$2,970,000; Note, cost share is required.

### **Funding Agency: National Institute of Justice (NIJ)**

Title: [National Juvenile Court Data Archive](#)

Application Deadline: March 5, 2024

Purpose: “NIJ seeks applications to support the National Juvenile Court Data Archive, which collects, maintains, and makes accessible the nation’s primary source of detailed information on juvenile court case processing of delinquency and status offense cases.”

Amount: \$2,000,000

### **Funding Agency: U.S. Department of Energy (DOE): Office of Energy Efficiency & Renewable Energy (EERE): Solar Energy Technologies Office (SETO)**

Title: [Small Innovative Projects in Solar \(SIPS\)](#)

Application Deadline: March 6, 2024

Purpose: “...for seedling R&D projects that focus on innovative and novel ideas in photovoltaics (PV) and concentrating solar-thermal power (CSP) and are riskier than research ideas based on established technologies. This funding opportunity is designed to streamline the application process to encourage applications from early-career researchers who have never applied or been selected for a SETO project award.”



Amount: \$400,000 for CSP projects; \$250,000 for PV projects

## **Funding Agency: American Chemical Society (ACS): Petroleum Research Fund (PRF)**

Title: [Petroleum Research Fund \(PRF\) Grants](#)

Application Deadlines: March 8, 2024 or September 6, 2024

Purpose: “Proposals must be for fundamental research in “the petroleum field,” which is defined in our founding document as “petroleum, natural gas, coal, shale, tar sands and like materials.” Fundamental research encompasses the properties of these materials, whereas the petroleum industry undertakes “applied research,” which is outside the scope of ACS PRF. However, please note that while the PRF Trust imposes certain restrictions, PRF currently funds many topics of current interest in sustainability and green chemistry.” These include, for example, new catalysts and upgrading/utilization of methane and carbon dioxide.

Amount: \$125,000 for New Directions; \$110,000 for Doctoral New Investigators; \$70,000 for Undergraduate Research; \$55,000 for Undergraduate New Investigators in direct costs

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

Title: [Transition for Youth with Autism and/or Epilepsy Demonstration Projects](#)

Application Deadline: March 11, 2024

Purpose: “The purpose of this program is to advance national, state, and community-level frameworks that support successful transition from child to adult serving systems for youth with autism and/or epilepsy who have complex health and social needs and require a higher level of family support and coordination.”

Amount: Up to \$450,000

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

Title: [Industry-University Cooperative Research Centers Program \(IUCRC\)](#)

Application Deadlines: Mandatory Preliminary Proposals due March 13, 2024; If invited, Full Applications due June 12, 2024

Purpose: “The IUCRC program provides a structure for academic researchers to conduct fundamental, pre-competitive research of shared interest to industry and government organizations. These organizations pay membership fees to a consortium so that they can collectively envision and fund research, with at least 90% of Member funds allocated to the direct costs of these shared research projects. IUCRCs are formed around research areas of strategic interest to U.S. industry. Industry is defined very broadly to include companies

(large and small), startups and non-profit organizations. Principal Investigators form a Center around emerging research topics of current research interest, in a pre-competitive space but with clear pathways to applied research and commercial development. Industry partners join at inception, as an existing Center grows or they inspire the creation of a new Center by recruiting university partners to leverage NSF support. Government agencies participate in IUCRCs as Members or by partnering directly with NSF at the strategic level.”

Amount: \$20,000-\$150,000 per year depending on project type

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

Title: [Future of Semiconductors \(FuSe\)](#)

Application Deadline: March 14, 2024

Purpose: “The goal of this solicitation is to cultivate a broad coalition of researchers and educators from across science and engineering communities that utilizes a holistic, co-design approach to fundamental research and workforce education and training, to enable rapid progress in new semiconductor technologies. The future of semiconductor manufacturing will require the design and deployment of diverse new technologies in materials, chemical and materials processes, devices, and architectures through the development of application-driven systems. Partnerships between industry and academic institutions are essential to spur innovation and technology transfer, to inform the research needs, and to train the future workforce.”

Amount: \$2,000,000

## **ONGOING - Funding Agency: Advanced Research Projects Agency for Health (ARPA-H)**

Title: [ARPA-H Open Office Broad Agency Announcement](#)

Application Deadline: Abstracts accepted now through March 14, 2024

Purpose: “ARPA-H’s mission is to accelerate better health outcomes for everyone by supporting the development of high-impact solutions to society's most challenging health problems. Awardees will develop groundbreaking new ways to tackle health-related challenges through high-potential, high-impact biomedical and health research. With a scope spanning the molecular to the societal, ARPA-H seeks proposals that aim to rapidly achieve better health outcomes across patient populations, communities, diseases, and health conditions, including in support of the Cancer Moonshot. Proposals are expected to use innovative approaches to enable revolutionary advances in science, technology, or systems. The four initial focus areas are:(1) Health Science Futures; (2) Scalable Solutions; (3) Proactive Health; and (4) Resilient Systems.”

Amount: TBD (contracting opportunity)

**Funding Agency: U.S. Department of Energy (DOE): Office of Energy Efficiency & Renewable Energy (EERE): Industrial Efficiency and Decarbonization Office (IEDO)**

Title: [Energy and Emissions Intensive Industries FOA](#)

Application Deadlines: Concept Papers due March 19, 2024; If invited, Full Applications due June 11, 2024

Purpose: “This funding opportunity announcement (FOA) focuses on applied research, development, and demonstration for the highest GHG-emitting industrial subsectors, specifically: chemicals and fuels; iron and steel; food and beverage; building and infrastructure materials (including cement and concrete, asphalt pavements, and glass); and forest products. Together, these industries account for more than 65% of U.S. industrial manufacturing emissions.”

Amount: \$500,000-\$7,000,000 depending on topic; Note, cost share is required.

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

Title: [Behavioral Health Integration \(BHI\) Evidence Based Telehealth Network Program \(EB-TNP\)](#)

Application Deadline: March 22, 2024

Purpose: “The purpose of this program is to integrate behavioral health services into primary care settings using telehealth technology through telehealth networks and evaluate the effectiveness of such integration. You can be located in an urban area, but your proposed telehealth network must include at least two originating sites located in rural and underserved areas.”

Amount: Up to \$350,000

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

Title: [Alliances for Graduate Education and the Professoriate \(AGEP\) Catalyst Alliance](#)

Application Deadline: March 26, 2024

Purpose: “The AGEP program contributes to the National Science Foundation's objective to foster the growth of a more capable and diverse research workforce. Through this solicitation, the NSF seeks to build on prior AGEP work, and other research and literature concerning racial and ethnic equity, in order to address the AGEP program goal to increase the number of historically underrepresented minority faculty in STEM.”

Amount: \$400,000 for each new AGEP Catalyst Alliance

## Funding Agency: NASA Research Opportunities in Space and Earth Sciences (ROSES) 2023

Title: [F.18 NASA Innovation Corps](#)

Application Deadline: March 29, 2024 (Late Summer/Fall)

Purpose: “The NASA Innovation Corps Pilot is intended to provide support for participation in the National Science Foundation Innovation Corps Program to train faculty, students in higher education, post-docs, and other researchers in innovation and entrepreneurship skills. The pilot employs education through courses to guide teams in the process of developing a business model while supporting teams as they explore the commercial potential of their research.”

Amount: \$300,000 for Short Course New Awards

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

Title: [Assessment of Climate at Institutions \(ACt\) Award \(RC2 - Clinical Trial Not Allowed\)](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit one proposal in response to this opportunity, Notices of Intent to apply must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by April 1, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is April 15, 2024. Applications to the funder (if selected) will be due by July 1, 2024.

Purpose: “The overall objective of this Notice of Funding Opportunity is to solicit applications to conduct institutional climate assessments using validated survey instruments and to develop action plans for positive change in the recruitment, hiring, retention, and advancement of faculty, including those from groups underrepresented in biomedical and behavioral research. The plans for self-studies should lead to institutional culture change by identifying perceptions, attitudes, and concerns, about, for example, inequities, micro-aggressions, institutional racism, and bias. The self-studies should provide a foundation for the development of an action plan to enhance diversity, equity, inclusion, and accessibility outcomes in the recruitment, hiring, retention, and advancement of faculty.”

Amount: Direct costs limited to \$250,000 per year

### Funding Agency: Regional Institute on Aging

Title: [Request for Proposals](#)

Application Deadline: April 1, 2024

Purpose: “The Regional Institute on Aging (RIA) at Wichita State University is pleased to announce a new funding opportunity for graduate student or faculty projects and research

that addresses issues related to facilitating well-being in older adults. This funding opportunity is supported by a gift from the estate of Evelyn Cassat. Funding will be provided for projects and research at WSU that contribute to knowledge and practice related to well-being in older adults. Projects of all types will be considered. However, particular attention will be given to proposals containing an intergenerational component and that ally with this year's focus area of **environmental and sustainability efforts.**"

Amount: \$2,000-\$20,000

### **Funding Agency: National Institute of Justice (NIJ)**

Title: [NIJ FY24 Research on the Abuse, Neglect, and Financial Exploitation of Older Adults](#)

Application Deadline: April 1, 2024

Purpose: "NIJ seeks applications for funding for rigorous research and evaluation projects in four topical areas: Evaluation of programs that seek to prevent, intervene in, or respond to the abuse, neglect, and financial exploitation of older adults; Evaluation of prevention and education programs related to financial fraud and exploitation of older adults (including the efficacy of scam prevention messaging campaigns); Research on individuals who abuse (either financially, physically, sexually, and/or emotionally) or neglect older adults; and Forensic research involving the development of radiographic evidence and bioinformatic approaches relevant to the physical abuse of older adults."

Amount: \$1,500,000

### **Funding Agency: National Institutes of Health (NIH): National Institute of Environmental Health Sciences (NIEHS)**

Title: [Time-Sensitive Research Opportunities in Environmental Health Sciences \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: April 1, 2024 and June 3, 2024

Purpose: "This Notice of Funding Opportunity (NOFO) is intended to support novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the NOFO is to understand the consequences of natural and human-made disasters, emerging environmental public health threats, and policy changes in the U.S. and abroad. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented."

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

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

Title: [Autism Field-Initiated Innovative Research Studies \(Autism FIRST\)](#)

Application Deadline: April 3, 2024

Purpose: “The purpose of the Autism FIRST program is to support empirical research that advances the evidence on early screening and interventions to improve the health and well-being of children, adolescents, and young adults with autism and other developmental disabilities (DD) across the lifespan. The Autism FIRST program aims to achieve this goal by testing the implementation of new and/or innovative strategies that address critical issues affecting the health and receipt of related health services among children, adolescents, and young adults with autism/DD, with a special focus on addressing the needs of underserved populations.”

Amount: Up to \$300,000

## **REMINDER - Funding Agency: Patient-Centered Outcomes Research Institute (PCORI)**

Title: [Engagement Award: Capacity Building](#) | [Engagement Award: Dissemination Initiative](#)

Application Deadlines: Letters of Intent due April 4, 2024; If invited, Full Applications due July 10, 2024

Purpose: “The Eugene Washington PCORI Engagement Award Program supports projects that encourage active, meaningful involvement of patients, caregivers, clinicians and other healthcare stakeholders as integral members of the patient-centered comparative clinical effectiveness research enterprise. This program is not a research funding opportunity.”

Amount: \$300,000

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

Title: [Future Manufacturing \(FM\)](#)

Application Deadlines: April 11, 2024 and January 13, 2025

Purpose: “The goal of Future Manufacturing is to support fundamental research, education, and training of a future workforce to overcome scientific, technological, educational, economic, and social barriers in order to catalyze new manufacturing capabilities that do not exist today. Future Manufacturing seeks inventive approaches to invigorate the manufacturing ecosystem and seed nascent future industries that can only be imagined today. Future Manufacturing supports research and education that will enhance U.S. leadership in manufacturing by providing new capabilities for companies and entrepreneurs, by improving our health, quality of life, and national security, by expanding job opportunities to a diverse STEM workforce, and by reducing adverse impacts of manufacturing on the environment.”

Amount: \$500,000 for Seed Grants; \$3,000,000 for Research Grants

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

Title: [Growing Convergence Research \(GCR\)](#)

Application Deadlines: April 12, 2024 & February 10, 2025

Purpose: “The aim of GCR is to cultivate and grow the earliest foundations of convergent approaches for addressing a specific and compelling problem. As such, proposals submitted to this solicitation are expected to explore novel avenues not previously investigated that are at the forefront of advancing science through deep integration. Proposers must make a convincing case that the research to be conducted is within NSF's purview, integrates across NSF directorate or division boundaries, and is currently not supported by other NSF programs or solicitations.”

Amount: \$1,200,000 for Phase I and \$2,400,000 for Phase II

## **Funding Agency: The Carter Center**

Title: [Rosalynn Carter Fellowships for Mental Health Journalism](#)

Application Deadline: April 12, 2024

Purpose: “The Center’s Rosalynn Carter Fellowships for Mental Health Journalism support a diverse cohort of journalists from the United States, Ireland, Qatar, and the United Arab Emirates. Fellows are deeply committed to exploring some of society’s biggest mental health challenges.”

Amount: \$10,000

## **Funding Agency: Whitehall Foundation**

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

Application Deadlines: Letters of Intent due April 15, 2024; If invited, Full Applications due September 1, 2024.

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: Tell Every Amazing Lady about Ovarian Cancer**

Title: [2024 T.E.A.L.® Medical Research Program Beneficiary RFP](#)

Application Deadline: June 30, 2024

Purpose: “One part of Tell Every Amazing Lady’s mission is to aid in the advancement of scientific research for ovarian cancer. Those studies with a focus on developing a screening test or preventative measures will be highly considered.”

Amount: Up to \$10,000 per year

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

Title: [Major Research Instrumentation Program \(MRI\)](#)

Application Deadline: \*\*\*Limited\*\*\* Because WSU may only submit two Track 1 proposals, one Track 2 proposal and one Track 3 proposal, Notices of Intent to apply, as well as answers to the required limited submission questions (found [here](#)), must be sent to [proposals@wichita.edu](mailto:proposals@wichita.edu) by May 1, 2024 at 12noon. The goal date for informing you if you have been chosen to proceed is June 12, 2024. Applications to the funder (if selected) will be due by November 15, 2024.

Purpose: “The Major Research Instrumentation (MRI) Program serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our Nation's institutions of higher education and not-for-profit scientific / engineering research organizations. An MRI award supports the acquisition of a multi-user research instrument that is commercially available through direct purchase from a vendor, or for the personnel costs and equipment that are required for the development of an instrument with new capabilities, thereby advancing instrumentation capabilities and enhancing expertise for instrument design and fabrication at academic institutions. MRI instruments are, in general, too costly and/or not appropriate for support through other NSF programs.”

Amount: Track 1: Greater than \$100,000 and less than \$1,400,000; Track 2: \$1,400,000 - \$4,000,000; Track 3: \$100,000-\$4,000,000

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

Title: [Cellular and Molecular Biology of Complex Brain Disorders \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: June 16, 2024; October 16, 2024

Purpose: “This Notice of Funding Opportunity (NOFO) encourages research on the biology of high confidence risk factors associated with complex brain disorders, with a focus on the



intracellular, transcellular and circuit substrates of neural function. For the purposes of this NOFO, the term “complex” can refer to a multifactorial contribution to risk (e.g., polygenic and/or environmental) and/or highly distributed functional features of the brain disorder. Studies may be either hypothesis-generating (unbiased discovery) or hypothesis-testing in design and may utilize in vivo, in situ, or in vitro experimental paradigms, e.g., model organisms or human cell-based assays.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

**Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)**

Title: [Social Disconnection and Suicide Risk in Late Life \(R21 Clinical Trial Optional\)](#)

Application Deadlines: June 16, 2024; October 16, 2024

Purpose: “The purpose of this Notice of Funding Opportunity is to encourage research that addresses the link between social disconnection in late-life and late-life suicidal thoughts and behaviors. Of specific interest is research that identifies mechanisms by which social disconnection confers risk for, and social integration protects against, suicidal thoughts and behaviors in late life. Mechanisms to be considered exist at multiple levels of analysis, including but not limited to neurobiological, behavioral, and environmental.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

**Funding Agency: National Institutes of Health (NIH): National Institute of Mental Health (NIMH)**

Title: [Schizophrenia and related disorders during mid- to late-life \(R21 Clinical Trial Optional\)](#)

Application Deadlines: June 16, 2024; October 16, 2024

Purpose: “The purpose of this Notice of Funding Opportunity is to encourage applications that will advance translational research to better understand the emergence, trajectory, and outcomes of schizophrenia and related psychotic disorders in mid- to late-life, and to identify targets for future development of prevention and treatment interventions.”

Amount: The combined budget for direct costs for the two-year project period may not exceed \$275,000.

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

Title: [Secondary Analysis and Integration of Existing Data to Elucidate Cancer Risk and Related Outcomes \(R21 Clinical Trials Not Allowed\)](#)

Application Deadlines: June 16, 2024 and October 16, 2024

Purpose: “Applications proposing to conduct secondary data analysis and integration of existing datasets and database resources, with the ultimate aim to elucidate cancer risk and related outcomes (e.g., risk prediction or reduction, survival, or response to treatment, etc.). The goal of this initiative is to address key scientific questions relevant to cancer by supporting the analysis of existing clinical, environmental, surveillance, health services, vital statistics, behavioral, lifestyle, genomic, and molecular profiles data.”

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

### **Funding Agency: Charles Koch Foundation**

Title: [U.S. and China Foreign Policy and Relations Research Grants](#)

Application Deadline: Applications accepted on a rolling basis

Purpose: “The Charles Koch Foundation is pleased to launch this request for proposals for grants to support research and other activities on important foreign policy issues confronting the United States today. Given the changing nature of the world around us, the United States needs a foreign policy that prioritizes our national interests and productive engagement with other countries. We are proud to support research that challenges status quo thinking and inspires fresh perspectives in the foreign policy debate.”

Amount: Funding levels are commensurate with the requirements of the research and the potential for the research to advance an understanding of critical issues. Accepted proposals may also receive support to disseminate the research findings.

### **ONGOING - Funding Agency: U.S. Department of Defense (DOD): U.S. Army Medical Research and Development Command (USAMRDC)**

Title: [Broad Agency Announcement \(BAA\) for Medical Research](#)

Application Deadline: Pre-Applications accepted now through September 30, 2027

Purpose: “The USAMRDC’s mission is to provide solutions to medical problems of importance to the American Service Member at home and abroad, as well as to the general public at large. The scope of this effort and the priorities attached to specific projects are influenced by changes in military and civilian medical science and technology, operational requirements, military threat assessments, and national defense strategies.”

Amount: The funding amount for this BAA is unspecified, and the number of awards is indeterminate and contingent upon funding availability.

## **ONGOING - Funding Agency: U.S. Department of Defense (DOD): Special Operations Command (SOCOM)**

Title: [Broad Agency Announcement \(BAA\) for Extramural Biomedical and Human Performance Research and Development](#)

Application Deadline: Pre-Applications accepted now through July 31, 2028

Purpose: “A primary emphasis of the USSOCOM Biomedical, Human Performance, and Canine Research Program is to identify and develop techniques, knowledge products, and materiel (medical devices, drugs, and biologics) for early intervention in life-threatening injuries; prolonged field care; human performance optimization; canine medicine/performance; brain health; immune response; automation of systematic reviews and metanalysis; and novel post-traumatic stress, depression, and anxiety treatment.”

Amount: TBD (contracting opportunity), up to \$5,000,000

## **REMINDER - Funding Agency: ORAU**

Title: [Innovation Partnerships Grant Program](#)

Application Deadline: Ongoing

Purpose: “ORAU Events Sponsorship Grant Program has now been restructured and is now called the ORAU Innovation Partnerships Grant Program. The goal of this grant program change is to drive new opportunities for university consortium members and ORAU experts to formulate meaningful collaborations. The program will focus on research and education topics that align well with ORAU’s expertise and current research priorities (Climate & Environment, Health Equity, and Future of the STEM Workforce.)”

Amount: \$4,000

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

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

Application Deadline: Varies by topic.

[Advanced Manufacturing](#) – proposals accepted anytime

[Applied Mathematics](#) – Nov 1-15, 2024

[Astronomy and Astrophysics](#) – Oct 1-Nov 15, 2024

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

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

[Biosensing](#) – proposals accepted anytime

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

[Cultural Anthropology Program Senior Research Awards](#) –Aug 15, 2024 & Jan 15, 2025

[Directorate for Education and Human Resources \(EHR\) Core Research \(EHR: Core\)](#) – Oct 3, 2024

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

[Division of Materials Research: Condensed Matter and Materials Theory \(CMMT\)](#)  
– proposals accepted anytime

[Division of Molecular and Cellular Biosciences Core Programs \(MCB\)](#) - proposals accepted anytime

[Ecology and Evolution of Infectious Diseases](#) – Nov 20, 2024

[Energy, Power, Control, and Networks](#) – proposals accepted anytime

[Environmental Biology](#) – proposals accepted anytime

[Environmental Engineering](#) – proposals accepted anytime

[Foundational Research in Robotics \(FFR\)](#) – proposals accepted anytime

[Geomorphology and Land-use Dynamics](#) – proposals accepted anytime

[Geophysics](#) – proposals accepted anytime

[Linguistics](#) – Jul 15, 2024 & Jan 15, 2025

[Manufacturing Systems Integration](#) - proposals accepted anytime

[Mathematical Biology](#) – proposals accepted anytime

[Methodology, Measurement, and Statistics](#) – Aug 29, 2024 & Jan 30, 2025

[Molecular and Cellular Biosciences](#) – proposals accepted anytime

[Physics: Investigator-Initiated Research Projects](#) – Nov & Dec – varies by topic

[Science of Learning & Augmented Intelligence](#) – Feb 14 & Aug 7, 2024

[Secure & Trustworthy Cyberspace](#) – proposals accepted anytime

[Security and Preparedness](#) – Aug 15, 2024 & Jan 15, 2025

[Smart & Connected Communities](#) – proposals accepted anytime until Apr 1, 2024

[Social Psychology](#) – Jul 15, 2024 & Jan 15, 2025

[Sociology](#) – proposals accepted anytime

[Statistics](#) – Dec 1-16, 2024

## Funding Agency: National Science Foundation (NSF)

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 1 & 2 proposals accepted anytime; Tracks 3 & 4 Nov 20, 2024 (LOI strongly encouraged for Track 4 – due Sep 18, 2024)

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

[Critical Aspects of Sustainability \(CAS\)](#) – Various funding mechanisms available

[Computer Science for All \(CS for All\)](#) – no upcoming due dates; solicitation under revision

[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#) – Sep 30, 2024 for CAT, CSDM-B, and SYN; Oct 31, 2024 for CMI, ECS and MSN

[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 23, 2025  
[Expeditions in Computing](#) – Preliminary Proposal due Jun 19, 2024  
[Human-Environment and Geographical Sciences Program \(HEGS\)](#) – Aug 20, 2024  
[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposal due Mar 13 or Sep 11, 2024  
[Mathematical Sciences Infrastructure Program](#) – Feb 6 & Aug 6, 2024  
[National Science Foundation Research Traineeship Program \(NRT\)](#) – Sep 6, 2024  
[Research and Mentoring for Post-baccalaureates in Biological Sciences \(RaMP\)](#) – Jan 16, 2025  
[Research Experiences for Undergraduates \(REU\)](#) – Aug 21, 2024  
[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Oct 9, 2024  
[Research Experiences for Teachers \(RET\) in Biological Sciences \(BIORETS\)](#) – Jul 31, 2024  
[Research in the Formation of Engineers \(RFE\)](#) – Accepted anytime

## 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](#)

### WSU Office of Research Workshops on National Science Foundation (NSF) Research Experiences for Undergraduates (REU) Proposals: January through August (due August 21, 2024) – First Session: February 8, 2024 at 2pm in Jardine Hall Room 405

A common first step in establishing an NSF research center is to demonstrate success with an REU (Research Experience for Undergraduates) Site in the field of interest. REU Sites are also helpful in recruiting graduate students. Vice Provost Coleen Pugh and any interested teams will coordinate and work on their proposals for submission in 2024, following a similar approach used in 2023, to separate NSF divisions. Our first session of the year will include feedback from teams that submitted under the previous cycle.

Email [funding@wichita.edu](mailto:funding@wichita.edu) to express interest in attending this NSF REU Workshop series and to craft a proposal to NSF due in August.

### WSU Office of Research Workshops on National Science Foundation (NSF) Research Traineeship (NRT) Program Proposals: January through August

The NSF [Research Traineeship \(NRT\) program](#) seeks proposals that explore ways for graduate students in research-based master's and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The program is dedicated to effective training of STEM graduate students in high priority interdisciplinary or convergent research areas, through a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs. Proposals are requested that address any interdisciplinary or convergent research theme of national priority, as noted above.” In addition to providing exceptional graduate training, the NSF NRT can be a useful step in establishing an NSF research center in a convergent field. An informational session was held on January 25, 2024, and Vice Provost Coleen Pugh and any interested teams will coordinate and work on their proposals each month for the submission deadline of September 6, 2024.

Email [funding@wichita.edu](mailto:funding@wichita.edu) to register for this NSF NRT Workshop series.

## **National Endowment for the Arts: Healing, Bridging, Thriving: A Summit on Arts and Culture in our Communities: January 30, 2024**

Arts and culture enrich our lives, our communities, and our nation. In this pivotal moment in our history, there is a growing recognition that the arts reveal new ideas, unlock opportunities, and help us confront the many challenges before us. This first-of-its-kind national convening will bring together leaders from across sectors, including government officials; policymakers; artists; arts advocates; academics; philanthropic, labor, and community leaders; and the public. Together we will consider the ideas, policies, and actions we can take to better integrate and elevate the arts and humanities throughout our country.

[Read More about NEA Summit](#)

## **National Institutes of Health (NIH): 2024 Grants Policy Updates: January 31, 2024**

“We're kicking off 2024 with an opportunity to hear what's new and in development within NIH programs and policies. Join compliance and system policy experts from the NIH Office of Policy for Extramural Research Administration (OPERA) for the latest policy updates and how your institutions may be impacted. Participants will have the opportunity to ask questions about new and existing policies during the live Q&A.”

[Register for NIH 2024 Grants Policy Updates](#)

## **Kansas NSF EPSCoR Webinar: NSF CISE/CNS Computer Systems Research: February 1, 2024 at 9am**

NSF wants more computer science proposals from EPSCoR states and is holding a webinar for Kansas-based universities. Kansas NSF EPSCoR is hosting a webinar with Dr. Dan Andresen, Program Director for NSF CISE/CNS. Investigators in Kansas will learn about exciting funding opportunities in the area of Computer Systems Research.

The WSU Office of Research will host a live viewing of the webinar followed by a discussion on possible collaborations amongst WSU researchers, including Professor Terrance Figy (HPC Director) and Ryan Doll (College of Engineering Data Science Director). Refreshments will be provided! Live viewing will take place in RSC Room 256 (Edmiston). Please let us know if you will be attending in person or via zoom ([RSVP HERE](#)). Please email [funding@wichita.edu](mailto:funding@wichita.edu) with any questions.

## **Hispanic Serving Institutions (HSI) STEM Hub: 2023-2024 Grant Training Webinar Series: February 2, 2024 and March 1, 2024**

The NSF HSI STEM Resource Hub Spring 2024 webinar series focuses on celebrating and learning from successful NSF HSI awardees. 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 February 2, 2024 topic is “Promoting Success in Student Transitions from Lower to Upper Division Coursework” and the March 1, 2024 topic is “Improving Undergraduate Student Success through Summer Research Experiences.”

[Register for HSI STEM Hub Webinar Series](#)

## **Patient-Centered Outcomes Research Institute (PCORI) Webinar: PCORI 2024 & Beyond: February 7, 2024**

During this 30-minute webinar, you will hear about initiatives and opportunities for patient-centered outcomes research, dissemination and implementation research, and engagement projects. You’ll also learn about ways to share your experience and knowledge and make your voice heard through public input on reports and projects, advisory panels and other PCORI programs.

[Register for PCORI 2024 & Beyond Webinar](#)

## **WSU Information Security: Privacy & Security Training: February 13, 2024; 4:00-5:00pm in RSC Room 256 (Edmiston)**

Gina Riggs and Mark Rodee offer WSU Privacy and Security Training monthly on the second Tuesday of every month during the academic year. Learn how to prevent, detect and respond to information security and privacy concerns. If you have a question before the next scheduled training, please reach out to Gina and Mark at the email address below.

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

## **Office of Research Workshop: Large Center Proposals: Thursday, February 15, 2024 at 9:30am**

Following a Chemistry seminar entitled “*Pulsatile Drug Delivery via Photothermal Modulation of Dynamic Covalent Poly(ethylene glycol)/PEDOT Hydrogels*” at 3:30pm on February 14, guest speaker Dr. Tania Betancourt of Texas State University will discuss applying for funding for, and directing, a large research center. Specifically, Dr. Betancourt will discuss the National Science Foundation’s Partnerships for Research and Education in Materials (PREM) program as an example of a large research center. Dr. Betancourt is a Professor in the Department of Chemistry and Biochemistry, a faculty member of the Materials Science, Engineering, and Commercialization Program, and Director of the NSF PREM Center for Intelligent Materials Assembly at Texas State University. There will be opportunities for questions with WSU researchers. Dr. Betancourt will also participate in a discussion of Latin-X and Women in STEM on February 15.

This will be a hybrid session. For more information or to receive a link to the virtual workshop, contact [funding@wichita.edu](mailto:funding@wichita.edu). You may also register directly on MyTraining. The workshop will take place in RSC Room 262 (Herrman).

### **Department of Homeland Security Science & Technology’s Silicon Valley Innovation Program (SVIP) Industry Day: February 22, 2024**

“SVIP will host a hybrid industry day on Thursday, February 22, 2024. This event will provide detailed information about the technical requirements, submission process, and resources available to startups interested in applying to the Synthetic Data Generator topic call. Organizations interested in learning about these synthetic data use cases, potentially partnering with startups, and meeting with DHS representatives are welcome to attend. The Synthetic Data Generator topic call seeks innovative technology solutions that can synthetically generate data that models and replicates the shape and patterns of real data while mitigating privacy and security harms. This topic call will address a critical need for DHS capability that supports collaborative use of data and mitigates privacy and security risks inherent in the sharing of sensitive data.”

[Register for SVIP Synthetic Data Generator Industry Day](#)

### **National Institutes of Health (NIH) National Cancer Institute (NCI) Virtual Workshop: Enhancing Capacity for Primary Care Research in Cancer Survivorship: February 28, 2024**

“This meeting will explore actionable opportunities for impact that focus on the following three questions: What are the key challenges and facilitators influencing the development and implementation of research on primary care and survivorship? What are the most important gaps (research, infrastructure, and practice) that need to be addressed to advance science in this area? How might collaboration across different research areas, disciplines/roles, and organizations create new opportunities for impact?”



## **Hanover Research Upcoming Grants Workshops: February 29, and March 28, 2024**

Hanover Research offers 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 February 29, 2024 is titled “Writing Your Data Management Plan;” and the webinar on March 28, 2024 is titled "Navigating the Grant Review Processes (and Becoming a Reviewer).”

[Register for Upcoming Hanover Workshops](#)

## **National Institutes of Health (NIH) Office of Research on Women’s Health (ORWH) Diverse Voices Series: March 28, 2024**

“The March 2024 session of Diverse Voices: Intersectionality and the Health of Women is titled “Endometriosis.” The session will feature presentations by Drs. Bruce J. Nicholson and Jessica Opoku-Anane. Dr. Nicholson will present a talk titled Cell Mechanisms of Endometriosis Lesion Formation Provide Clues to a Non-Surgical Diagnostic. Dr. Opoku-Anane is a co-investigator on a Fiscal Year 2023 U3 project titled Leveraging Electronic Medical Records and Machine Learning Approaches to Study Endometriosis in Diverse Populations. Her presentation will highlight her work as part of that effort and her work founding University of California San Francisco’s Endometriosis Center for Discovery, Innovation, Training and Community Engagement.”

[Register for NIH ORWH Diverse Voices March Webinar](#)

## **REMINDER - Hanover Grants Learning Center Available**

WSU Faculty and Staff may now access course content through the Hanover Research Grants Learning Center by registering and using a referral code. Courses are designed for on-demand grantsmanship training.

Email [proposals@wichita.edu](mailto:proposals@wichita.edu) to request the referral code to register for access to the Hanover Research Grants Learning Center.

## **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 – Traci Shepherd

Traci joined the Office of Research in September of 2019 as a Research Grant Administrator on the Post-Award team. Before joining the Research Office, Traci began her journey at Wichita State University in 2014 working for a grant-funded program on campus. Traci graduated from WSU with a Bachelor's in Psychology and after working in the nonprofit mental health field for 10 years, she was ready for a change and decided to switch career paths. She went back to school and earned both a Bachelor's and a Master's in Business Administration with an emphasis in Accounting from Friends University. Traci is a mom of two young adult daughters and one teenage son. She recently adopted a very energetic rescue dog who keeps her busy with endless walks and trips to the dog park. In her spare time, Traci enjoys spending time with her family and friends, traveling to new places with her fiancé, reading, and shopping for a great deal. [Read more about the Office of Research staff...](#)

## EPSCoR/IDeA Coalition Newsletters Now Available

We have posted the quarterly newsletters provided by Van Scoyoc Associations and the EPSCoR/IDeA Coalition to an Office of Research webpage. You may review previous newsletters for legislative and federal agency updates related to EPSCoR and IDeA initiatives. Kansas is an EPSCoR state.

[Read EPSCoR/IDeA Coalition Quarterly Newsletters](#)

## National Institutes of Health (NIH) Notice: Reminder of eRA Commons ID Requirement for All Personnel on the R&R Senior/Key Person Profile Form

NIH proposers will now receive an error if Senior/Key personnel do not have an eRA Commons ID on applications. Errors must be corrected before an application can be submitted. Those Principal Investigators planning to apply to NIH should contact [proposals@wichita.edu](mailto:proposals@wichita.edu) if they need assistance setting up their eRA Commons account, well in advance of the application deadline.

[Read NIH Commons ID Reminders](#)

## ARPA-H Platform Accelerating Rural Access to Distributed and Integrated Medical Care (PARADIGM) Seeking Abstracts by February 27, 2024

“PARADIGM will be using a Program Solicitation focused on five technical areas: Decentralized Approach to Hospital-Level Care, Care Delivery Platform Integration, Medical IoT Platform, Ruggedized CT Scanner, and Intelligent Task Guidance.”

[Read More about the New ARPA-H PARADIGM Program](#)

## **ARPA-H Health Care Rewards to Achieve Improved Outcomes (HEROES) Seeking Letters of Interest by February 29, 2024**

“Submission of an LOI is not required to submit an abstract and/or proposal to the HEROES Program Solicitation. Rather, the information provided will be used to gauge program interest, inform program planning and design, and foster a community of potential entities interested in being a part of the HEROES program. In addition, the submission of your LOI will ensure you stay up to date on key program deadlines, events, and the release of the Outcomes Toolkit. HEROES aims to trial and validate a radically different approach to creating preventative care incentives in the health market. This approach involves offering direct payments to individual “health catalysts” – such as non-profits or care consortiums – that successfully implement preventative care campaigns that improve the rates for specific health harms in an entire geographic population.”

[Read More about the New ARPA-H HEROES Program](#)

## **National Science Foundation (NSF) Dear Colleague Letter: Funding Opportunities for Engineering Research in Emerging Areas of Advanced Manufacturing**

“With this Dear Colleague Letter, the NSF Directorate for Engineering encourages the submission of research and education proposals related to Advanced Manufacturing as an Emerging Industry. Manufacturing is essential to almost every sector of the U.S. economy, spurring growth by increasing productivity, enabling new products, and opening new industries. The NSF and Engineering Directorate investment in advanced manufacturing will continue to grow our nation's workforce, enhance supply chain resilience, and create products and processes with higher performance, fewer resources, and/or new capabilities.”

[Read the full NSF Dear Colleague Letter](#)

## **National Institutes of Health (NIH) Notice: Topic Areas of Interest for Joint NIH/NSF Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise (SoS:Bio) Program**

“NIH seeks fundamental knowledge about the nature and behavior of living systems and applies that knowledge to optimize health and prevent or reduce illness for all people. NSF promotes the progress of science by maintaining the general health of research and education across all fields of science and engineering. Both agencies have identified opportunities and needs in building and supporting research projects with a focus on understanding the scientific research enterprise. Consequently, NIGMS and the Social, Behavioral, and Economic Directorate within the NSF have established a joint initiative to

support a Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise.”

[Read about Topic Areas of Interest under NIH/NSF SoS BIO program](#)

## **U.S. Department of Energy (DOE) Small Business Innovation Research (SBIR) Partnering Platform Launched**

“The SBIR Partnering Platform was launched in October 2023. The public, self-supporting platform facilitates partnering between DOE small business applicants and awardees (INNOVATORS) and various industry stakeholders (i.e., investors, service providers, utilities, etc.) in their representative ecosystems (PARTNERS). Using keywords and AI searching, INNOVATORS can identify and connect with PARTNERS to support their R&D efforts during their award (Subject Matter Experts, Collaborators and Subcontractors) as well as industry stakeholders (investors, service providers, utilities, etc.) to assist them with commercialization of their DOE SBIR/STTR funded technologies. INNOVATORS can search for open SBIR/STTR funding opportunities from any federal agency, and network with other INNOVATORS. Although designed to highlight technologies developed with DOE SBIR/STTR funding, INNOVATORS and PARTNERS from any ecosystem will find value by joining the community.”

[Explore the DOE SBIR Partnering Platform](#)

## **U.S. Department of Transportation (DOT) Small Business Innovation Research (SBIR) Phase I Pre-Solicitation Topics Available**

Pre-solicitation instructions and full descriptions of the DOT’s proposed SBIR research topics are now available. Topics are included from the Federal Highway Administration, Federal Transit Administration, Federal Motor Carrier Safety Administration, Federal Railroad Administration, National High Traffic Safety Administration and Pipeline and Hazardous Materials Safety Administration.

[Explore the DOT FY24.1 SBIR Research Topics of Interest](#)

## **Department of Justice (DOJ) Resources Available**

Multiple resources from the DOJ Office of Justice Programs (OJP) are available. For example, access the [Bureau of Justice Statistics National Prisoner Statistics](#), read about [Patents Generated by National Institute of Justice Grant Programs](#) or read about [Best Practices for Improving the Use of Criminal Justice Risk Assessments](#).

[Read More about the DOJ OJP](#)

## **National Institutes of Health (NIH) Notice of Special Interest (NOSI): Advance Data Science Approaches Through Secondary Data Analysis to Reveal Scientific Insights of COVID-19 Testing Technologies (R21)**

The purpose of this NOSI is to support secondary data analysis to address questions and advance scientific inquiry related to SARS-CoV-2 through the existing data resources in the Rapid Acceleration of Diagnostics Data Hub including and in conjunction with other data resources.

[Read the NIH NOSI NOT-OD-24-026](#)

## **NOW OPEN – Patient-Centered Outcomes Research Institute (PCORI) Engagement Award Opportunities**

PCORI is now accepting Letters of Intent for its Engagement Award Program. Letters of intent are due April 4, 2024 by 4pm Central. Email [proposals@wichita.edu](mailto:proposals@wichita.edu) if you are interested in applying to any of these opportunities.

[Read more about PCORI Engagement Awards](#)

## **New Research Project / Mentor Opportunity: The Delfin: Participate in the Directory of Research Advisors of The Delfin Program to Mentor Summer Research Students from Mexico, Central America, and South America**

While sufficient faculty mentors have been identified for summer 2024, please consider participating in 2025. This is a program for those who are willing to receive, advise and work with an undergraduate student(s) on a 7-week summer research project, either in person or virtually. Once approved, potential faculty mentors load their research projects to the Summer of Scientific Research and Tecnológica of the Pacific platform, and students apply for the projects they are interested in. Visas, housing, and cultural and networking experiences for students who choose research mentors at WSU will be coordinated centrally, and involve the International Office, the office of Hispanic Initiatives, the McNair Scholars Program, and the Office of Research. Research projects can be in almost any field, including STEM, Health, and the Arts.

Email [coleen.pugh@wichita.edu](mailto:coleen.pugh@wichita.edu) for further information.

## **REMINDER - National Science Foundation (NSF) Now Requires Use of SciENCv**

The mandate to use SciENCv only for preparation of the biographical sketch and current and pending (other) support has gone into effect for new proposals submitted or due on or after October 23, 2023. Proposers should refer to Proposal & Award Policies & Procedures Guide as well as the [NSF biographical sketch and current and pending \(other\) support pages](#) for

more information.” WSU faculty and staff: please contact [funding@wichita.edu](mailto:funding@wichita.edu) if you would like assistance with setting up your profile in SciENcv.

[SciENcv Website](#)

## FREE WSU Office of Research Services

Email [funding@wichita.edu](mailto:funding@wichita.edu) to:

- Set up a Pivot account and receive guidance on how to search the database to find funding opportunities;
- Subscribe to funding announcements and funding-related alerts; and
- Attend Research Workshops that will help you with finding funding, budgeting and writing effective proposals (and much more)!

Please let us know how we can help you.

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## Wichita State University Office of Research

<https://www.wichita.edu/research/>

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