



WICHITA STATE
UNIVERSITY
OFFICE OF RESEARCH

INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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October 24, 2023

Congratulations to those who received grants in September! So far this fiscal year, WSU's AA researchers proposed \$22,971,837 in funding, were awarded \$49,935,046 and generated \$1,280,533 in indirect cost recovery.

You will find a spotlight on Patrick Spencer in the announcements section. Patrick is a Contracts & Grants Specialist on the Pre-Award team.

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

Coleen Pugh, Vice Provost for Research

AWARDS

EXPANDQISE: TRACK 1: UNDERSTANDING AND CONTROLLING DECOHERENCE IN HYBRID SPIN QUBIT-MAGNON SYSTEMS FOR ADVANCING EDUCATION AND BUILDING WORKFORCE IN EMERGING QUANTUM TECHNOLOGIES

PI/Department: Kapildeb Ambal, Physics

Co-PI/Department: Jian Wang, Chemistry

Sponsor: Natl Science Foundation

Amount: \$800,000

ENSURING RESOURCE ADEQUACY THROUGH OPTIMAL RESOURCE MANAGEMENT AND EMERGENCY LOAD SHEDDING DURING EXTREME EVENT STUDY

PI/Department: Visvakumar Aravinthan, Electrical & Computer Engr

Co-PI/Department: Arun Kaarthick Manoharan, Electrical & Computer Engr

Sponsor: Sunflower Electric Power Corporation

Amount: \$90,000

K-INBRE DRPP MENTORSHIP AWARD

PI/Department: George Bousfield, Biological Sciences

Sponsor: Univ of KS Medical Ctr Research Inst, Inc. / Natl Institutes of Health

Amount: \$1,750

HOUSING ASSESSMENT TOOL

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

Sponsor: City of Haysville

Amount: \$7,000

KINGMAN COUNTY HOUSING NEEDS ASSESSMENT AND ACTION PLAN

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

Sponsor: City of Kingman

Amount: \$13,300

AMERICAN RESCUE PLAN ACT OF 2021 MEMORANDUM OF AGREEMENT

PI/Department: Troy Bruun, Financial Operations

Sponsor: State of Kansas / U.S. Department of Treasury

Amount: \$35,500,000

KBOR STATE-WIDE STRUCTURED MINI-GRANT

PI/Department: Jennifer Friend, Kansas Mentor Induction Center

Sponsor: Kansas State University / Department of Education - US

Amount: \$10,000

SUSTAINING MEMBERSHIP AGREEMENT 2023 - 2024 COFFEYVILLE USD 445

PI/Department: Jennifer Friend, Kansas Mentor Induction Center

Sponsor: Coffeyville USD 445

Amount: \$650

MIDWESTERN PUBLIC HEALTH TRAINING CENTER - AMENDMENT 1

PI/Department: Suzanne Hawley, Public Health Sciences

Sponsor: University of Iowa / Health Resources & Services Admin

Amount: \$112,320

K-INBRE SUMMER SCHOLARS AWARD: CANTU, CHITANAVONG, MARTINEZ, TU, TRAN

PI/Department: William Hendry, Biological Sciences

Sponsor: Univ of KS Medical Ctr Research Inst, Inc. / Natl Institutes of Health

Amount: \$28,000

SOUTHEAST WICHITA GEAR UP PARTNERSHIP GRANT (YEAR 7)

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

Sponsor: Department of Education - US

Amount: \$440,000

PROSE TO PARAMETERS: CHATGPT AND AI-BASED LANGUAGE MODELS FOR PRODUCING ANALYTICAL CODE FOR GIS ANALYSIS IN ARCHEOLOGY

PI/Department: Matthew Howland, Anthropology

Sponsor: National Park Service

Amount: \$11,711

USE VIRTUAL REALITY GAMES TO TRAIN SCOTOMA AWARENESS AND VISUAL SEARCH IN CENTRAL VISION LOSS

PI/Department: Quan Lei, Psychology

Sponsor: Kansas State University / Natl Institutes of Health

Amount: \$55,516

K-INBRE: RECRUITMENT PACKAGE

PI/Department: Rajprasad Loganathan, Biological Sciences

Sponsor: Univ of KS Medical Ctr Research Inst, Inc. / Natl Institutes of Health

Amount: \$26,312

HAYSVILLE GEAR UP (YEAR 6)

PI/Department: Brett Lukert, ED - GEAR-UP

Sponsor: Department of Education - US

Amount: \$600,000

VETERANS UPWARD BOUND PROGRAM

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

Co-PI/Department: Deltha Colvin, ED - Upward Bound / Wichita Prep

Sponsor: Department of Education - US

Amount: \$309,505

RECOGNITION/CHARACTERIZATION OF SURFACE DEFECTS & BLEMISHES, PRESSURELESS SINTERING OF SIC, MECHANICAL TESTING OF FIBER-REINFORCED MINI COMPOSITES, COMPRESSIVE LAP SHEAR TEST FIXTURE, & COMPARING SIZE DISTRIBUTION OF SLS PRINTABILITY SENIOR DESIGN PROJECT

PI/Department: Rajeev Nair, Mechanical Engineering

Sponsor: Honeywell International Inc

Amount: \$29,000

LEGAL RESEARCH - INREPAC

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$3,000

LEGAL RESEARCH – LOZVBAY

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$4,000

LEGAL RESEARCH – MALVAMA

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$5,500

LEGAL RESEARCH – MMVSTA

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$4,000

LEGAL RESEARCH – WEIVSTA

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$4,000

LEGAL RESEARCH – WEIVSTA - 2

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$4,000

LEGAL RESEARCH – WHIVOCE

PI/Department: Lisa Parcell, The Research Partnership

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

Sponsor: IMS Consulting and Expert Services

Amount: \$3,500

RII TRACK-1: ADAPTIVE AND RESILIENT INFRASTRUCTURES DRIVEN BY SOCIAL EQUITY (ARISE)

PI/Department: Sergio Salinas Monroy, School of Computing

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

Amount: \$132,330

IMPROVING HEALTHCARE LANGUAGE ACCESS FOR SPANISH-SPEAKERS IN KANSAS (CONTINUATION APPLICATION YEAR 2)

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

Co-PI/Department: Nicole Woods, Public Health Sciences

Sponsor: Dept of Health and Human Services

Amount: \$375,000

GOVERNOR'S EMERGENCY EDUCATION RELIEF FUND "IMPROVE STUDENT SUCCESS" NISS GRANT

PI/Department: Kelley Smetak, Academic Affairs

Sponsor: Kansas Board of Regents / Department of Education - US

Amount: \$452,109

IMPROVE RECRUITMENT AND STUDENT SUCCESS (GEER – EAB)

PI/Department: Kelley Smetak, Academic Affairs

Sponsor: Kansas Board of Regents / Department of Education - US

Amount: \$35,000

ANCHORS & BRIDGES: UTILIZING AN ANCHOR INSTITUTION TO BRIDGE THE DIGITAL DIVIDE IN COMMUNITIES

PI/Department: Julie Thiele, School of Education

Co-PI/Department: Carolyn Speer, M.R.C. Video / Satellite Conf

Sponsor: Federal Communications Commission

Amount: \$409,800

AMERICORPS VISTA GRANT FY 24-25

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Corp for National & Community Services

Amount: \$105,000

WEST WICHITA GEAR UP (YEAR 7)

PI/Department: Janice Wright, ED - GEAR-UP

Sponsor: Department of Education - US

Amount: \$440,000

MONTHLY AWARDS FOR THE DIVISION OF INDUSTRY AND DEFENSE EQUAL \$54,619,157, 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. If any of the following opportunities are of interest to you, please email 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!

Funding Agency: Parkinson's Foundation

Title: [Impact Awards](#)

Application Deadlines: Letter of Intent due October 27, 2023; if invited, Full Applications due February 22, 2024

Purpose: "Impact Awards are designed for researchers both established and new to the field of Parkinson's disease (PD). Projects should be "outside the box" with the goal of bringing new light to the biology of Parkinson's, a new approach to Parkinson's research, or testing a truly novel therapeutic idea. Projects should be based on unconventional ideas that are unlikely to be funded through more traditional funding mechanisms. Our goal is to provide the support that will enable researchers to test new ideas with an impact to the PD community and generate compelling results that will facilitate continued investment from the Parkinson's Foundation and other funders."

Amount: \$150,000

*** LIMITED *** Funding Agency: W.M. Keck Foundation

Title: [Research Program](#)

Application Deadline: ***Limited*** Because WSU may only request consultations with the Keck Foundation for a limited number of Concept Papers, Notices of Intent to apply must be

sent to proposals@wichita.edu by October 31, 2023 at 12noon. At that time, you will receive a list of the requirements for a *Limited Submission Concept Paper* that is required by the WSU Foundation and Alumni Engagement (WSUFAE). *Limited Submission Concept Papers* will be due to proposals@wichita.edu by November 30, 2023 at 12noon, in case an internal competition is needed. The University Liaison at WSUFAE may choose up to four medical and four science & engineering Concept Papers to present to the Keck Foundation for consultation. You will meet with the WSUFAE University Liaison to discuss your concept and will be informed if your Concept Paper has been chosen to be reviewed by Keck Foundation consultants between January 1 – February 15, 2024. After the consultation, if your Concept Paper is invited to submit a full Phase 1 Proposal, this will be due to the Keck Foundation by May 1, 2024.

Purpose: “The Research Program seeks to benefit humanity by supporting projects in two specific areas: 1) medical research and 2) science and engineering, that are distinctive and novel in their approach, question the prevailing paradigm, or have the potential to break open new territory in their field. Past grants have been awarded to major universities, independent research institutions, and medical schools to support pioneering biological and physical science research and engineering, including the development of promising new technologies, instrumentation or methodologies.” W.M. Keck Foundation only supports new fundamental science. Applied Research will not be funded. Before deciding to apply, please review abstracts for previous awarded projects [here](#).

Amount: \$1,000,000-\$2,000,000

Funding Agency: Office of Naval Research (ONR)

Title: [Basic Research for Electro-Optic/Infrared \(EO/IR\) Sensors and Sensor Processing N00014-24-S-BC01](#)

Application Deadlines: White Papers due October 31, 2023; White papers received after October 31, 2023 will be reviewed as time and funding permit; Full applications due December 18, 2023

Purpose: “The EO/IR portfolio seeks discovery and invention proposals to develop and demonstrate technologies for the next generation of systems in EO/IR sensors, including novel, fast-response, infrared detector concepts enabling higher temperature operation.”

Amount: ONR plans to allocate approximately \$4.5M dollars over the total length of the program. The period of performance for projects will be one to four (1-4) years. It is anticipated that multiple awards will be made based on the quality of the proposed efforts.

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

Title: [Grid Development Office \(GDO\) Wholesale Electricity Market Studies and Engagements Funding Opportunity Announcement](#)

Application Deadlines: Mandatory Concept Paper due November 3, 2023; if invited, Full Applications due January 19, 2024

Purpose: "Creating more efficient and flexible wholesale markets that will support a more resilient and reliable grid will be critical as new load and generation come online. Functioning wholesale markets provide a platform for energy trading and the integration of electric resources into the grid. Efficient, fair, and transparent market constructs are thus foundational to transitioning to a clean, reliable, equitable electric grid. This FOA will assist applicants—States, ISOs/RTOs, and domestic entities that have partnered with States and/or ISOs/RTOs – that have formed partnerships with or otherwise include States, ISOs/RTOs to perform analytical studies on critical market issues or convene stakeholders to address issues facing developing or existing wholesale markets. GDO suggests five (5) broad priorities for proposed projects: 1) seams between markets, 2) regional resource adequacy, 3) market design and price formation, 4) regional footprint studies, and 5) integrated regional planning approaches."

Amount: \$500,000-\$3,000,000

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

Title: [EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations \(RII Track-2 FEC\)](#)

Application Deadline: ***Limited*** Because WSU may only submit one application as the lead applicant, Notices of Intent to apply must be sent to proposals@wichita.edu by November 7, 2023 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is November 28, 2023. Letters of Intent to the funder are due December 19, 2023 with Full Applications due January 23, 2024.

Purpose: "Through this program, NSF establishes partnerships with government, higher education, and industry that are designed to affect sustainable improvements in a jurisdiction's research infrastructure, Research and Development (R&D) capacity, and hence, its R&D competitiveness. Projects are investigator-driven and must include researchers from at least two EPSCoR eligible jurisdictions with complementary expertise and resources necessary to address challenges, which neither party could address as well or rapidly independently. RII Track-2 FEC proposals must be aligned with the following focus area: "advancing climate change research and resilience capacity to expand opportunities for disproportionately affected communities.""

Amount: Up to \$4,000,000

Funding Agency: National Institutes of Health (NIH)

Title: [Investigator-Initiated Research in Genomics and Health Equity \(R21 Clinical Trial Optional\)](#)

Application Deadlines: November 8, 2023 or July 8, 2024

Purpose: “The purpose of this initiative is to support investigator-initiated research in genomics and health equity, with the ultimate goal of developing approaches, generating and disseminating data, and implementing metrics or interventions that will advance the equitable use of genomics to improve health in U.S. populations. Awardees will conduct innovative and generalizable research in genomics and health equity spanning across genomic research areas and will incorporate a plan for enhancing diverse perspectives. This R21 Notice of Funding Opportunity will support small research projects that can be carried out in a short period of time with limited resources.”

Amount: \$200,000 in direct costs per year

Funding Agency: National Science Foundation (NSF)

Title: [Smart Health and Biomedical Research in the Era of Artificial Intelligence and Advanced Data Science \(SCH\)](#)

Application Deadlines: November 9, 2023 or October 3, 2024

Purpose: “The purpose of this interagency program solicitation is to support the development of transformative high-risk, high-reward advances in computer and information science, engineering, mathematics, statistics, behavioral and/or cognitive research to address pressing questions in the biomedical and public health communities.”

Amount: \$1,200,000

REMINDER - Funding Agency: National Endowment for the Humanities and the Institute of Museum and Library Services

Title: [Digital Humanities Advancement Grants \(DHAG\)](#)

Application Deadlines: Optional draft due November 13, 2023; Full application due January 11, 2024

Purpose: “The DHAG program supports innovative, experimental, and/or computationally challenging digital projects, leading to work that can scale to enhance scholarly research, teaching, and public programming in the humanities.”

Amount: \$75,000-\$350,000

***** LIMITED *** Funding Agency: 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 by November 14, 2023 at

12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is December 5, 2023. Applications to the funder are due January 8, 2024.

Purpose: "...provide seed money for junior faculty members that often result in additional funding from other sources. This is a one-year grant (June 1 to May 31). Eligibility for the Powe Awards is open to full-time assistant professors at ORAU member institutions within two years of their tenure track appointment at the time of application." Research projects must fall within one of these five disciplines: Engineering and Applied Science; Life Sciences; Mathematics/Computer Sciences; Physical Sciences; or Policy, Management, or Education.

Amount: The award amount provided by ORAU is \$5,000. WSU is required to match the award with at least an additional \$5,000.

Funding Agency: U.S. Department of Energy (DOE): Office of Energy Efficiency & Renewable Energy (EERE)

Title: [Innovative Designs for High-Performance Low-Cost HVDC Converters \(IDEAL HVDC\)](#)

Application Deadlines: Concept Papers due November 14, 2023; Full applications, if invited, due February 5, 2024

Purpose: "The research and development (R&D) activities to be funded under this FOA will support the government-wide approach to the climate crisis by driving the innovation that can lead to the deployment of clean energy technologies that are critical for climate protection. Specifically, this FOA will invest in R&D to support continued innovation and cost reduction for high-voltage direct current voltage-source converter transmission systems. This investment is intended to enable future grid upgrades required to integrate increasing renewable energy generation on to the grid, both onshore and offshore."

Amount: \$2,500,000-\$3,500,000; Note, cost share is required.

Funding Agency: Kaiser Permanente Center for Gun Violence Research and Education

Title: [Spring 2024 Funding Opportunity](#)

Application Deadlines: Letters of Intent due November 14, 2023; Full applications, if invited, due at a later date.

Purpose: "The Center seeks to broaden the field of gun violence research to include more researchers and organizations that work closely with communities affected by gun violence. The Spring 2024 Funding Opportunity aims to invest in efforts that advance evidence for interventions that reduce the incidence and impact of community gun violence and firearm suicide and promote well-being and healing where it is needed most."

Amount: \$60,000-\$600,000

***** LIMITED *** Funding Agency: Teiger Foundation**

Title: [Grants](#)

Application Deadline: ***Limited*** Because WSU may only submit one application, Notices of Intent to apply must be sent to proposals@wichita.edu by November 15, 2023 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is December 6, 2023. Applications to the funder are due February 14, 2024.

Purpose: “Teiger Foundation offers grants for US-based, curator-led initiatives in contemporary visual art. We support group exhibitions, single-artist surveys, participatory and community-engaged art projects, digital exhibitions, live and virtual performance in the context of the visual arts, and as-yet-unknown curatorial forms involving contemporary visual art and artists.”

Amount: \$50,000-\$150,000 depending on project type

Funding Agency: National Endowment for Financial Education (NEFE)

Title: [2023 Research Grant Cycle](#)

Application Deadline: Letters of Inquiry due November 15, 2023

Purpose: “Our grant cycle remains open to all eligible concepts, but we give preference to well-designed projects that align with the following four topic areas: Measurement: Studies that re-evaluate current financial literacy metrics and how financial literacy, behavior, perception, knowledge and skill can be measured more effectively; Systemic Inequality: Studies that investigate knowledge, skill and wealth disparities, especially among populations that are statistically more likely to experience systemic barriers to improving their financial well-being; Data and Methodological Limitations: Studies that examine bias—specifically as it pertains to personal finance—to help our field identify knowledge gaps and to strengthen research data and design by including traditionally less heard voices; and Youth Focus: Studies that examine inconsistencies in exposure to financial education among youth in the U.S. as well as variations in financial socialization and education within family units.”

Amount: Not specified at LOI stage.

Funding Agency: The Explorers Club

Title: [Exodus Exploration without Boundaries Grant Program](#)

Application Deadline: November 15, 2023

Purpose: “Generously supported by Exodus Adventure Travels, this program supports expeditions that further our understanding of the world through scientific, cultural and conservation fieldwork, led by explorers who may have taken alternative routes to acquire the skills necessary to conduct their research.”

Amount: \$4,000

Funding Agency: American Association of Community Women

Title: [Community Action Grants](#)

Application Deadline: November 15, 2023

Purpose: “...general operating support and innovative projects that promote education and equity for women and girls.”

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

Funding Agency: Institute of Museum and Library Services (IMLS)

Title: [Museums for America](#)

Application Deadline: November 15, 2023

Purpose: The Museums for America program supports museums of all sizes and disciplines in strategic, project-based efforts to serve the public through exhibitions, educational/interpretive programs, digital learning resources, professional development, community debate and dialogue, audience-focused studies, and/or collections management, curation, care, and conservation. Museums for America has three project categories: Lifelong Learning, Community Engagement and Collections Stewardship and Access.”

Amount: \$5,000-\$250,000

Funding Agency: Kansas Creative Arts Industries Commission

Title: [2023 New Play Lab Playwrights](#)

Application Deadline: November 16, 2023

Purpose: “The 7th Annual New Play Lab seeks to connect 12 playwrights with the regional and national theatre community during the 41st Annual William Inge Theatre Festival, April 18-20, 2024. The program is headquartered at The William Inge Center for the Arts, at Independence Community College in Independence, Kansas. The William Inge Theatre Festival endeavors to cultivate, promote, and nurture a collaborative environment with respect to diversity and inclusion in the world of theatre.”

Amount: Selected playwrights receive a professional public staged reading of their play, feedback from a panel of national theatre artists regarding their submitted and selected script, exclusive playwriting masterclasses led by accomplished and renowned playwrights and theatre professionals. Plus, full access to all private and public festival events including meals.

Funding Agency: National Institutes of Health (NIH)

Title: [Extramural Loan Repayment Program \(LRP\)](#)

Application Deadline: November 16, 2023

Purpose: “The NIH LRPs are a set of programs established by Congress and designed to recruit and retain highly qualified health professionals into biomedical or biobehavioral research careers. The escalating costs of advanced education and training in medicine and clinical specialties are forcing some scientists to abandon their research careers for higher-paying private industry or private practice careers.”

Amount: Repays up to \$50,000 annually of a researcher’s qualified education debt

Funding Agency: Institute for the Study of the Ancient World (ISAW)

Title: [Visiting Research Scholar Program](#)

Application Deadline: November 20, 2023

Purpose: “ISAW is a center for advanced scholarly research and graduate education, that aims to encourage particularly the study of the economic, religious, political and cultural connections between ancient civilizations. In an effort to embrace a truly inclusive geographical scope while maintaining continuity and coherence, the Institute focuses on the shared and overlapping periods in the development of cultures and civilizations around the Mediterranean basin, and across central Asia to the Pacific Ocean. The approaches of anthropology, archaeology, geography, geology, history, economics, sociology, art history, digital humanities, and the history of science and technology are as integral to the enterprise as the study of texts, philosophy, and the analysis of artifacts.”

Amount: Base pay, travel to conferences, and other research expenses

Funding Agency: Bernheim Arboretum and Research Forest

Title: [Artist-in-Residence Program](#)

Application Deadline: November 27, 2023

Purpose: “Up to 4 artists are selected for residencies at Bernheim on an annual basis. One residency is dedicated to a regional artist currently living in Kentucky or in Clark and Floyd counties of Southern Indiana. One residency is dedicated to an artist whose work addresses

environmental issues and climate change. The residency is currently available for visual and mixed media artists and includes artists working in the mediums of sound and performance artists when accompanied by visuals of some kind. The program is currently not available for writers or musicians.”

Amount: \$2,500 stipend and other support

Funding Agency: Asian Cultural Council (ACC)

Title: [Fellowships & Grants](#)

Application Deadline: November 30, 2023

Purpose: “The Asian Cultural Council is committed to advancing international dialogue, mutual understanding, and respect through supporting cultural exchange projects by individuals and organizations between Asia and the US and between Asian countries. ACC grants provide long-term, immersive exploration of other cultures. ACC’s individualized programmatic support expands the horizons of grantees by nurturing their perspectives, fostering creative growth, and fostering valuable international connections.”

Amount: \$50,000 for Organizational Grants

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

Title: [Bridging Grants, Developmental Research Project Program Awards, Postdoctoral Awards, SPRING Pilot Projects, Data Science Core, CURE Awards](#)

Application Deadline: December 1, 2023 at 12 noon

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: Varies based on opportunity

Funding Agency: National Science Foundation (NSF)

Title: [Cyberinfrastructure for Sustained Scientific Innovation \(CSSI\)](#)

Application Deadline: December 1, 2023

Purpose: “The CSSI program seeks to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in cyberinfrastructure (CI). The program

continues to emphasize integrated CI services, quantitative metrics with targets for delivery and usage of these services, and community creation.”

Amount: Up to \$200,000/year for Elements; \$1,000,000/year for Framework Implementations; and \$500,000/year for Transition to Sustainability

Funding Agency: National Institutes of Health (NIH)

Title: [R25 for Short Courses on Techniques for Measuring Intimate Partner Violence \(IPV\) in Different Populations \(R25 Clinical Trial Not Allowed\)](#)

Application Deadline: December 1, 2023

Purpose: “This new funding opportunity advances the goals of the NIH Implementing a Maternal health and PRegnancy Outcomes Vision for Everyone (IMPROVE) Initiative. IMPROVE aims to understand the biological, behavioral, environmental, sociocultural, and structural factors that affect pregnancy-related and pregnancy-associated morbidity and mortality and build an evidence base for improved care and outcomes. The initiative promotes research to address health disparities associated with pregnancy-related and pregnancy-associated morbidity and mortality and supports research to reduce preventable causes of maternal deaths and improve health for women before, during, and after delivery. It includes a special emphasis on health disparities and populations that are disproportionately affected, such as racial and ethnic minorities, very young women and women of advanced maternal age, and people with disabilities. This request for applications will support courses for skills development in the measurement of IPV in populations of pregnant and postpartum people, consistent with the goals of the IMPROVE initiative.”

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

Funding Agency: National Institutes of Health (NIH)

Title: [Career Enhancement Award to Advance the Study of Intimate Partner Violence \(IPV\) in the Context of Maternal Morbidity and Mortality Research \(K18 Clinical Trial Not Allowed\)](#)

Application Deadline: December 1, 2023

Purpose: “This NIH Research Career Enhancement Award (K18) invites experienced investigators in maternal morbidity and mortality research seeking to expand their research programs through the acquisition of new skills and knowledge in the area of intimate partner (and related) violence to work with their institutions to submit an application for support. The program will support research training and career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to integrate IPV and related violence constructs, theories, and/or interventions into their ongoing research efforts. Eligible candidates are independent investigators at any faculty rank or level.”

Amount: Award budgets are composed of salary and other program-related expenses.

Funding Agency: Spencer Foundation

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

Application Deadline: December 6, 2023

Purpose: “The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived. This program is “field-initiated” in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location. Our goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education.”

Amount: \$50,000

Funding Agency: Alfred P. Sloan Foundation

Title: [Call for Letters of Inquiry: Interdisciplinary Social and Natural Science Research Projects on Critical Minerals and Metals in the United States](#)

Application Deadline: December 18, 2023

Purpose: “The Energy and Environment program at the Alfred P. Sloan Foundation is currently soliciting Letters of Inquiry for interdisciplinary, collaborative, social and natural science research projects led by early- and mid-career scholars to examine under-explored questions related to issues associated with critical minerals and metals for the low-carbon energy transition in the United States.”

Amount: \$500,000-\$750,000

Funding Agency: Health Resources and Services Administration (HRSA)

Title: [Supporting Healthy Start Performance Project \(SHSPP\)](#)

Application Deadline: December 29, 2023

Purpose: “The purpose of the SHSPP is to provide training and technical assistance to support grant recipients in improving their service delivery, meeting outcome measures, and building program ability to work with community partners to improve health and social service systems to reduce maternal and infant health disparities. These grant recipients include those funded under the following programs: Healthy Start, Healthy Start Enhanced, and Catalyst for Infant Health Equity. To carry out these activities, the SHSPP recipient will serve as the Healthy Start Technical Assistance and Support Center (TASC).”

Amount: \$3,500,000/year

Funding Agency: Simons Foundation

Title: [SFARI Bridge to Independence \(BTI\)](#)

Application Deadline: January 10, 2024

Purpose: “The SFARI Bridge to Independence (BTI) program engages talented early-career scientists from diverse and/or historically underrepresented backgrounds to pursue research in autism and facilitates their transition into independent faculty positions at a research institution within or outside the U.S. We seek to support the next generation of top autism researchers. The BTI Award program welcomes applications that span the breadth of science that SFARI supports, including genetics, molecular mechanisms, circuits and systems, and clinical science.”

Amount: \$600,000 for Faculty Research Awards

Funding Agency: Leakey Foundation

Title: [Research Grants related to Human Origins](#)

Application Deadlines: January 10, 2024 or July 15, 2024

Purpose: “The Leakey Foundation exclusively funds research related to human origins. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation.”

Amount: \$20,000 for PhD candidates and \$30,000 for senior scientists and postdoctoral researchers

Funding Agency: National Endowment for the Humanities (NEH)

Title: [Public Humanities Projects](#)

Application Deadline: January 11, 2024; Optional draft due November 29, 2023

Purpose: “The Public Humanities Projects program supports projects that bring the ideas of the humanities to life for general audiences through public programming. Projects must engage humanities scholarship to analyze significant themes in disciplines such as history, literature, ethics, and art history. Awards support projects that are intended to reach broad and diverse public audiences in non-classroom settings in the United States. Projects should engage with ideas that are accessible to the general public and employ appealing interpretive formats.”

Amount: \$75,000 for Planning, \$400,000 for Implementation

REMINDER - Funding Agency: The American Athletic Conference

Title: 2024-2025 Research Grants

Application Deadline: January 21, 2024

Purpose: “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.” Please email proposals@wichita.edu for a copy of the solicitation.

Amount: \$15,000

Funding Agency: National Science Foundation (NSF)

Title: [Ethical and Responsible Research \(ER2\)](#)

Application Deadline: January 25, 2024

Purpose: “ER2 research projects use fundamental research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research and why, as well as how to best instill responsible conduct of research into researchers, practitioners, and educators at all career stages. In some cases, projects will include the development of interventions or applications to ensure ethical and responsible research conduct.”

Amount: \$50,000 for Conference Projects; \$90,000 for Incubation Projects; \$400,000 for Research Grants; \$700,000 for Institutional Transformation Research Grants

Funding Agency: National Institutes of Health (NIH): National Cancer Institute (NCI)

Title: [Cancer Research Education Grants Program – Courses for Skills Development \(R25 Clinical Trial Not Allowed\)](#)

Application Deadline: January 25, 2024

Purpose: “This funding opportunity will support creative educational activities with a primary focus on **Courses for Skills Development**. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients, in order to advance the NCI mission.”

Amount: The maximum budget is \$300,000 direct costs/year.

Funding Agency: National Institutes of Health (NIH): National Cancer Institute (NCI)

Title: [Cancer Research Education Grants Program – Curriculum or Methods Development \(R25 Clinical Trial Not Allowed\)](#)

Application Deadline: January 25, 2024

Purpose: “This funding opportunity will support creative educational activities with a primary focus on **Curriculum or Methods Development**. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients, in order to advance the NCI mission.”

Amount: The maximum budget is \$150,000 direct costs/year.

Funding Agency: National Institutes of Health (NIH): National Institute of General Medical Sciences (NIGMS)

Title: [National Institute of General Medical Sciences Predoctoral Basic Biomedical Sciences Research Training Program \(T32\)](#)

Application Deadline: January 25, 2024

Purpose: “This funding announcement provides support to eligible, domestic organizations to develop and implement effective, evidence-informed approaches to biomedical graduate training and mentoring that will keep pace with the rapid evolution of the biomedical research enterprise. NIGMS expects that the proposed research training programs will incorporate didactic, research, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the nation.”

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

Funding Agency: National Institutes of Health (NIH)

Title: [Research on Bioethical Issues Related to Bionic and Robotic Device Development and Translation \(R21 Clinical Trial Optional\)](#)

Application Deadline: January 26, 2024

Purpose: “Ethical considerations are intrinsic to the conduct of robotic and bionic device research. This Funding Opportunity Announcement invites applications that propose research on ethical questions associated with all stages of the design, testing, and/or implementation of bionic and robotic devices.”

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

Funding Agency: National Science Foundation (NSF)

Title: [Human Networks and Data Science – Infrastructure \(HNDS-I\)](#)

Application Deadline: February 1, 2024

Purpose: “HNDS-Infrastructure proposals will address the development of data resources and relevant analytic techniques that support fundamental Social, Behavioral and Economic (SBE) research. Successful infrastructure proposals will construct, within the financial resources provided by the award, databases or relevant analytic techniques and produce a finished product that will enable previously impossible data-intensive research in the social sciences. The databases or techniques should have significant impacts, either across multiple fields or within broad disciplinary areas, by making possible new types of data-intensive research in the SBE sciences.”

Amount: While there are no award ceilings, a typical HNDS-I award is expected to be in the range of \$750,000 to \$800,000.

Funding Agency: Sigma Foundation for Nursing and National League for Nursing

Title: [Award to Support the Use of Technology in Nursing Education Research](#)

Application Deadline: February 1, 2024

Purpose: “The National League for Nursing and Sigma Foundation for Nursing grant supports research that advances the science of nursing education. Made possible through an individual donor gift, the grant aims to advance the science of nursing education and learning through the use of technology in dissemination of knowledge.”

Amount: \$5,000

Funding Agency: National Institutes of Health (NIH)

Title: [Health and Health Care Disparities Among Persons Living with Disabilities \(R01 – Clinical Trials Optional\)](#)

Application Deadline: February 5, 2024

Purpose: “The purpose of this opportunity is to support novel and innovative research that examines and/or intervenes on the underlying and multilevel causes, pathways, and factors adversely impacting the health and well-being of persons with disabilities at the intersections of race and ethnicity, and socioeconomic status.”

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

Funding Agency: National Institutes of Health (NIH)

Title: [Interventions on Health and Healthcare Disparities on Non-Communicable and Chronic Diseases in Latin America: Improving Health Outcomes Across the Hemisphere \(R01 – Clinical Trial Not Allowed\)](#)

Application Deadline: February 5, 2024

Purpose: “The purpose of this opportunity is to support innovative, collaborative, and interdisciplinary research focused on clinical epidemiology, evaluation of public and/or health care policies, and validation of measurements that address health and healthcare disparities related to non-communicable and chronic diseases with the highest disease burden and mortality in Latin America and among U.S. Hispanics/Latinos.”

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

Funding Agency: National Institutes of Health (NIH)

Title: [Leveraging Extant Data to Understand Developmental Trajectories of Late Talking Children \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: February 7, 2024 or July 19, 2024

Purpose: “The NIH Tackling Acquisition of Language in Kids (TALK) initiative seeks to support activities to better understand early language learning and delay. NIH TALK invites applications for research projects that aim to further understanding of the developmental trajectories of late talking children by leveraging existing data and creating open and shared data resources to aid in identifying patterns and predictors of developmental outcomes in late talking children, and exploring potential underlying mechanisms, risk factors, and sequelae.”

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: [Information and Practice Needs Relevant to Late Talking Children \(R21 Clinical Trial Not Allowed\)](#)

Application Deadlines: February 7, 2024 or July 19, 2024

Purpose: “The NIH Tackling Acquisition of Language in Kids (TALK) initiative seeks to support activities to better understand early language learning and delay. NIH TALK invites

applications for research projects that aim to better understand the information and practice needs of caregivers, professionals, and other invested parties who support late talking children and to determine whether those needs are being effectively met. Community engaged research combined with rigorous qualitative research and diverse research teams are needed to enrich our understanding of how to get state-of-the-science information and practice to those who need it most to guide decisions about late talking children.”

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

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: The Explorers Club

Title: [Explorers Club Discovery Expedition Grants](#)

Application Deadline: Pre-Applications accepted on a rolling basis

Purpose: “The Explorers Club Discovery Expeditions grants align with The Club’s mission to foster scientific understanding for the betterment of humanity and all life on Earth and beyond, including our commitment to mitigate climate change, prevent the extinction of species and cultures, and ensure the health of our lands, oceans and all that inhabit them. Further, we believe that the explorers fulfill a critical role as a storyteller. Fieldwork in the following disciplines will be considered: Biological sciences, archaeology, anthropology, paleontology, earth sciences, ecology, and astronomy, as well as exploratory projects that reveal new knowledge about the planet and its inhabitants, including regions undergoing environmental or cultural change.”

Amount: \$25,000-\$40,000

Funding Agency: W.K. Kellogg Foundation

Title: [Grants](#)

Application Deadline: Letters of Inquiry accepted anytime

Purpose: “We are always looking to support innovative ideas and efforts that align with our priorities to ensure all children, families and communities – regardless of race or income – have opportunities to reach their full potential. WKKF wants all children to live a full life by accessing high-quality early childhood experiences, supported by families with access to good jobs and career pathways and living in communities where they are nurtured. Embedded in all that we do is a commitment to advancing racial equity, developing leaders at all levels and engaging communities in addressing barriers that prevent positive outcomes for their children.”

Amount: Varies; see website for previously funded grants

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, 2023

[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

[Biosensing](#) – proposals accepted anytime

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

[Cultural Anthropology Program Senior Research Awards](#) – Jan 16, 2024

[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 15, 2023

[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](#) –Jan 15, 2024

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

[Mathematical Biology](#) – proposals accepted anytime

[Methodology, Measurement, and Statistics](#) – Jan 25, 2024

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

[Physics](#) – Nov & Dec – varies by topic

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

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

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

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

[Social Psychology](#) – Jan 16, 2024

[Sociology](#) – proposals accepted anytime

[Statistics](#) – Dec 1-15 annually

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

[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 \(CS for All\)](#) – Feb 14, 2024

[Division of Chemistry: Disciplinary Research Programs \(CHE-DRP\)](#) – Oct 31, 2023 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 25, 2024

[Expeditions in Computing](#) – Preliminary Proposal due Jun 19, 2024
[Human-Environment and Geographical Sciences Program \(HEGS\)](#) – Jan 16 and Aug 20, 2024
[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposal due Mar 13, 2024
[Mathematical Sciences Infrastructure Program](#) –Feb 6 and Aug 6, 2024
[Research and Mentoring for Post-baccalaureates in Biological Sciences \(RaMP\)](#) –Jan 18, 2024
[Research Experiences for Undergraduates \(REU\)](#) –Aug 21, 2024
[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – TBD, awaiting new solicitation
[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](#)

Hanover Research Grants Workshops: October 26, 2023 & November 30, 2023

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 October 26, 2023 is titled “Persuasive Strategies in Research Writing” and the webinar on November 30, 2023 is titled “Incorporating Diversity, Equity, Inclusion & Accessibility (DEIA) into Your Grant Proposal.”

[Register for Upcoming Hanover Workshops](#)

Air Force Research Laboratory (AFRL) Inspire Presentation: October 26, 2023

“Inspire is a recurring celebration that provides the passionate people of AFRL a platform to share personal stories and innovative ideas with their colleagues and the world through entertaining, thought-provoking talks.”

[Learn More about AFRL Inspire](#)

Air Force Office of Scientific Research (AFOSR): AI for Humanity Webinar: October 31, 2023

“In the years ahead, there are outstanding questions to consider that explore significant advances addressing AI for HUMANITY. Join host and AFOSR program officer for the Science of Information, Computation, Learning, and Fusion, Doug Riecken, on October 31, 2023 from 2-3:30 p.m. ET for a lively discussion with A.I. leaders: Carla Gomes, Eric Horvitz, Kimberly Sablon, Steven "Cap" Rogers, Tom Mitchell, and Yann LeCun as they discuss AI for HUMANITY.”

[Register for AFOSR AI for Humanity Webinar](#)

SSTI & EDA Webinar: Communicating Tech-Based Economic Development (TBED): October 31, 2023

“How do you explain your work to others? Explore this important and challenging topic with your peers during a TBED Community of Practice webinar. SSTI will share findings about public perception and interpretation of common TBED activities, such as that people think tech transfer means moving files to a new device and facilitate a discussion with experienced state leaders and the audience about effective strategies to build public awareness and stakeholder support. You’ll log off with new ideas for how to communicate your work to partners, funders, legislators, and even your family.”

[Register for SSTI & EDA TBED Webinar](#)

NSF Build and Broaden Workshop: November 2, 2023

“The Build and Broaden Program in the Directorate of Social, Behavioral and Economic Sciences will host its second annual program symposium on November 2 from 11:00 am to 5:00 pm EST. Build and Broaden aims to broaden participation in the social, behavioral and economic sciences through support for research, training and research infrastructure at minority-serving institutions, including partnerships with and among those institutions.”

[Read More and Register for NSF Build and Broaden Workshop](#)

Hispanic Serving Institutions (HSI) STEM Hub: 2023-2024 Grant Training Webinar Series: November 3, 2023

The NSF HSI STEM Resource Hub Fall 2023 and 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 November 3, 2023 topic is “Promoting STEM Identity among Students from Diverse Backgrounds.”

Hispanic Serving Institutions (HSI) STEM Hub: Data Science Workshop: November 3, 2023

“Faculty across the United States have had a mixed reaction to Artificial Intelligence (AI) tools that are rapidly proliferating. Some wonder how to preserve the sanctity and rigor of their assignments, when AI tools might make cheating easy for students. Others hunger for ideas on how to incorporate AI tools into their assignments or teaching, under the assumption that AI is here to stay, including in the future workplaces of our students. In this interactive presentation we will address both points of view, offering separate toolkits for faculty to take either approach, or to forge a blended one.”

[Apply to Attend HSI STEM Hub Artificial Intelligence Workshop:](#) Note, applications limited to Non-HSI faculty staff who teach undergraduate STEM courses if they either currently collaborate on NSF EHR/DUE grants or would like to network to find HSI partners for future collaborative projects in education or research.

WSU Information Security: Privacy & Security Training: November 14, 2023; 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 with questions.

U.S. Department of Energy (DOE) 2023 CABLE Big Idea Workshop: November 14-15, 2023 University of Colorado Boulder

“DOE Office of Energy Efficiency and Renewable Energy, Advanced Materials and Manufacturing Office is hosting a third annual workshop on Conductivity-enhanced materials for Affordable, Breakthrough, Leapfrog, Electric and thermal applications (CABLE) Initiative. This is a two-day, hybrid event that aims to bring together stakeholders and CABLE performers. The diverse set of stakeholders will include those in academia, industry, and government sectors. Attendees will get the opportunity to learn about the broad spectrum of activities associated with the CABLE initiative and provide valuable feedback on strategy for ongoing and future initiatives. Topics covered will include Pilot deployment, Electrical conductors, Thermal conductors, and Superconductors. Above all, this is an excellent opportunity for accelerated networking on research and development by both new and existing members of the CABLE ecosystem.”

[More information and registration for 2023 CABLE Big Idea Workshop](#)

NIH Loan Repayment Program Webinar Available and 2023 Application Cycle

“Applying for an NIH Loan Repayment Program (LRP) award? The LRP Technical Assistance Webinar takes an in-depth look at the LRP application components and more. This year’s application cycle closes on November 16, 2023, so there’s still time to submit your application. If you have any additional questions, the LRP information center is available to assist Monday-Friday, 9:00 AM to 5:00 PM EDT.”

[NIH Loan Repayment Programs Link to Webpage and Recorded Webinar](#)

EPA Healthy and Resilient Communities Research Webinar Series: December 12, 2023

EPA's Office of Research and Development hosts this webinar series to communicate research and tools intended to help communities and local decision-makers protect their assets and reduce vulnerabilities. Topics include site remediation and restoration, community health and wellbeing, and community resilience. The webinars in the series are free and typically held on a quarterly basis on the second Tuesday of the month from 3 to 4 p.m. ET. The December 12, 2023 webinar is titled “Health Impact Assessment Research.”

[EPA Health and Resilient Communities Research Webinar Series](#)

NIH Office of Laboratory Animal Welfare (OLAW) Webinar Available to Help Improve Animal Experimental Design

“The NIH OLAW released a webinar recording on how the NC3Rs Experimental Design Assistant (EDA) can assist researchers plan for their studies involving animals. This resource builds on our related efforts to strengthen the rigor, reproducibility, and translatability of NIH-supported animal research. The EDA is a free online tool that helps users build a diagram representing an experimental plan, provides customized feedback, and can make suggestions on statistical methods, randomization, blinding, sample sizes, and other critical design aspects.”

[Improving Experimental Design: Ethical Implications and How the Experimental Design Assistant Can Help 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 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 –Patrick Spencer

Patrick joined the Office of Research in August of 2022. He graduated with a bachelor's degree in political science from Brigham Young University and a master's degree in public policy and administration from Northwestern University. Patrick was born in Michigan and has since lived in Kentucky, California, Utah, Germany, and Austria. He worked for the state of Utah for twelve years prior to moving to Wichita. Patrick and his wife Elizabeth have three daughters (16, 11, 10). His family loves to travel and find new and exciting places to visit when they are not driving the kids from one practice or lesson to another. [Read more about the Office of Research staff...](#)

National Institutes of Health (NIH) Notice of Intent to Publish a Funding Opportunity for Centers of Excellence for Translational Research (CETR) (U19 Clinical Trial Not Allowed)

“The National Institute of Allergy and Infectious Diseases intends to publish a Notice of Funding Opportunity (NOFO) to solicit applications from single institutions or a consortium of institutions to participate in the Centers for Excellence in Translational Research (CETR) program. This cooperative agreement program will support multidisciplinary translational research Centers focused on generating, validating, and advancing medical countermeasures against bacteria and/or fungi that have known and emerging resistance to current therapies. Pathogens of interest for the NOFO will be a subset of the 2019 CDC Report on Antibiotic Resistance Threats in the US, <https://www.cdc.gov/drugresistance/biggest-threats.html>. This Notice is being provided to allow potential applicants sufficient time to develop meaningful collaborations and responsive projects.”

[Read the NIH Notice of Intent NOT-AI-23-071](#)

National Institutes of Health (NIH) Request for Information (RFI): Developing Consent Language for Research Using Digital Health Technologies: Due by December 12, 2023

“NIH is requesting information on the utility and useability of sample language and accompanying considerations developed for use in informed consent documents for digital health technologies utilized in research.”

[Read the NIH Request for Information \(RFI\) NOT-OD-24-002](#)

National Institutes of Health (NIH) Request for Information (RFI): Environmental Justice Research Gaps Opportunities and Capacity Building: Due by December 15, 2023

“This RFI invites comments from communities with environmental justice concerns, scientific researchers, community-based organizations, consumer advocacy groups, service agencies, health care providers, policymakers and the public. This RFI seeks to identify gaps and opportunities pertaining to environmental justice research and training as well as capacity building needs in areas listed below and highly encourages responses on related topics that are not listed.”

[Read the NIH Request for Information \(RFI\) NOT-ES-23-016 on Environmental Justice](#)

National Institutes of Health (NIH) Request for Information (RFI): On the need for research studies to evaluate potential effects of types of blood pressure reducing agents on the development of mild cognitive impairment and dementia: Due by December 31, 2023

“This RFI solicits comments and suggestions on the aforementioned approaches, their combinations, or novel ideas that are most appropriate at this stage of our scientific knowledge. NIA and NHLBI seek input from all interested stakeholders, including researchers, clinicians, academic institutions, medical institutions, professional organizations or societies, as well as other interested members of the public. Organizations are strongly encouraged to submit a single response that reflects the view of their organization and membership as a whole. A synopsis of your preferred option or options would be welcomed.”

[Read the NIH Request for Information \(RFI\) NOT-AG-23-039](#)

Health Resources and Services Administration (HRSA): Maternal and Child Health Bureau Releases Most Recent National Survey of Children’s Health Data (NSCH)

“The NSCH is the largest national- and state-level survey on the health and well-being of children, their families, and their communities, providing timely information and comprehensive data on a range of topics such as: prevalence and impact of special health care needs; healthcare quality and access; physical and mental health; adverse childhood experiences; and NEW in the 2022 NSCH are data related to healthy and ready to learn, housing instability, eating and weight related behaviors and concerns, fetal alcohol syndrome disorder diagnosis and evaluation, and receipt of supplemental security income.”

[Read the Latest 2022 NSCH Report](#)

National Science Foundation (NSF) Invites Applications Related to Advanced Manufacturing

“Manufacturing USA Institutes cover a wide range of topical areas that span the challenging and high-tech world of advanced manufacturing, from biopharmaceutical production and tissue printing to robotics and cybersecurity. NSF is interested in receiving proposals addressing critical fundamental research on and workforce development needs for advanced manufacturing that enable innovations in the technical focus areas of one or more of the Manufacturing USA Institutes.”

[Read Dear Colleague Letter NSF 24-014](#)

National Science Foundation (NSF) Convergence Accelerator Project Videos Available

“The National Science Foundation’s Convergence Accelerator is excited to share new video playlists featuring the project videos developed by Phase 1 teams aligned to four convergent tracks under the 2022 Cohort. The tracks and video playlists are: Track G: Securely Operating Through 5G Infrastructure, Track H: Enhancing Opportunities for Persons with Disabilities. Track I: Sustainable Materials for Global Challenges, Track J: Food & Nutrition Security.”

[NSF Convergence Accelerator Project Video Playlist](#)

National Science Foundation (NSF) Changes to the Public Access Repository (NSF-PAR)

“Effective October 2, 2023, the NSF updated the NSF-PAR system with a new, streamlined submission workflow enabling NSF award recipients to add and manage journal articles, conference papers, conference proceedings, datasets, and workshop reports as separate and distinct products, and allowing products with a digital object identifier from Crossref.org or DataCite.org to integrate seamlessly into the NSF-PAR.”

[Read More about NSF-PAR](#)

ARPA-H Request for Information: Design and Development of ARPA-H Ethical, Legal, and Social Implications (ELSI) Initiative

“The Advanced Research Projects Agency for Health (ARPA-H) is seeking feedback on the ELSI framework to help guide, clarify, justify, and evaluate ARPA-H investments as the agency seeks to support the development of high-impact health solutions. Given that ARPA-H will invest in tools and technologies that push the boundaries of currently available solutions and capabilities, the agency must consider the secondary impacts – both positive and negative – that these advancements may have on individuals and on society.”

[ARPA-H Request for Information](#)

REMINDER - National Science Foundation (NSF) Requires Use of SciENcv Beginning October 23, 2023

“The mandate to use SciENcv only for preparation of the biographical sketch and current and pending (other) support will go 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 if you would like assistance with setting up your profile in SciENcv.

[SciENcv Website](#)

REMINDER - National Institutes of Health (NIH) Inviting Comments and Suggestions about its Mission Statement by November 24, 2023

“As the largest public funder of biomedical and behavioral research in the world, NIH works to turn scientific discoveries into better health for all. This Request for Information (RFI) will inform NIH's efforts to update its mission statement to ensure that it reflects the NIH mission as accurately as possible.”

[Read the NIH RFI](#)

FREE WSU Office of Research Services

Email 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.

Wichita State University Office of Research

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

316-978-3285 research@wichita.edu