



WICHITA STATE
UNIVERSITY
OFFICE OF RESEARCH

INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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February 28, 2024

Congratulations to those who received grants in January! So far this fiscal year, WSU's AA researchers proposed \$47,893,343 in funding, were awarded \$60,055,119 and generated \$2,339,065 in indirect cost recovery.

You will find a spotlight on Brandon Schneider in the announcements section. Brandon is a Grants Coordinator on the Pre-Award team.

In addition, we want to welcome Karen Davis back to the Office of Research, as our Director over both Pre- and Post-Award. Karen previously served as the Director of Pre-Award Services for nine years before moving to the IDP Office of Research in 2021.

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

Coleen Pugh, Vice Provost for Research

AWARDS

INVESTIGATING THE PROPERTIES OF HIGH-PERFORMING 3D PRINTED ALLOYS WITH REDUCED POROSITY FOR STRUCTURAL APPLICATIONS

PI/Department: Eylem Asmatulu, Mechanical Engineering

Co-PI/Department: Ramazan Asmatulu, Mechanical Engineering

Sponsor: TAI USA, Inc.

Amount: \$350,000

SCHOOL PSYCHOLOGY PARTNERSHIPS TO INCREASE RURAL SCHOOL-BASED SERVICES (YEAR 2)

PI/Department: Angela Beeler, Dept of ISLE

Co-PI/Department: Heidi Cornell, School of Education | Kourtney Kromminga, Dept of ISLE

Sponsor: Department of Education - US

Amount: \$399,770

PRIORITY AREA 1 - ACQUISITION OF FINANCE/FUNDING: TRAINING AND TECHNICAL ASSISTANCE FOR RURAL, SMALL, AND TRIBAL MUNICIPALITIES FOR PLANNING, DEVELOPING AND ACQUISITION OF FINANCING/FUNDING FOR CWSRF

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

Sponsor: University of New Mexico / Environmental Protection Agency

Amount: \$326,513

RURAL, SMALL, AND TRIBAL PRIORITY AREA 3 -TRIBAL: TRAINING AND TECHNICAL ASSISTANCE FOR ENVIRONMENTAL PROTECTION AGENCY REGIONS 6, 7, AND 8, PRIORITY AREA 3 EPA-OW-OWM-22-02

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

Sponsor: University of New Mexico / Environmental Protection Agency

Amount: \$154,316

KANSAS CENTER FOR METABOLISM AND OBESITY RESEARCH (KC-MORE)

PI/Department: Jolynn Dowling, School of Nursing

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

Amount: \$14,800

ARCHAEOLOGICAL/CULTURAL SURVEY 2024

PI/Department: Crystal Dozier, Anthropology

Sponsor: City of Belle Plaine

Amount: \$19,399

DEVELOPING A NETWORK SCIENCE TO STUDY CASCADING FAILURES IN THE CYBER-PHYSICAL INFRASTRUCTURE

PI/Department: Ali Eslami, Electrical & Computer Engr

Sponsor: Univ of Kansas Ctr - Research, Inc. / Kansas Board of Regents

Amount: \$50,000

SENSING HYDROGEN LOSSES AT 1 PPB-LEVEL FOR HYDROGEN-BLENDING NATURAL GAS PIPELINES

PI/Department: Shuang Gu, Mechanical Engineering

Sponsor: Iowa State University / Department of Energy

Amount: \$123,440

WOMEN'S HEALTH FROM LEGISLATION TO SOCIOECONOMICS

PI/Department: Jessica Hanzlicek-Treadwell, KMUW

Sponsor: Wichita Community Foundation

Amount: \$25,000

ARPA IT AND CYBERSECURITY UPGRADE MOU

PI/Department: Kenneth Harmon, Information Technology Services

Sponsor: Kansas Board of Regents / U.S. Department of Treasury

Amount: \$758,497

RII TRACK-4:NSF: DEVELOPING 3D MODELS OF LIVE-ENDOTHELIAL CELL DYNAMICS WITH APPLICATION APPROPRIATE VALIDATION

PI/Department: David Long, Biomedical Engineering

Sponsor: Natl Science Foundation

Amount: \$231,032

PROFESSIONAL DEVELOPMENT FOR HPEC - BUILDING SYSTEMS OF SUPPORT FOR MENTAL/BEHAVIORAL HEALTH CONCERNS IN SCHOOLS

PI/Department: Margarita Nuhfer, Dept of ISLE

Sponsor: High Plains Educational Cooperative

Amount: \$3,320

NEW CONCEPT FOR GENDER AND HUMAN EQUITY

PI/Department: Chinyere Okafor, Women's Studies & Religion

Sponsor: State of Kansas - URCA

Amount: \$4,500

EASE II (EARLY ACADEMIC SUPPORT ENGAGEMENT)

PI/Department: Heidi Rodrick, Fac Dev & Student Success

Sponsor: Greater Kansas City Community Foundation

Amount: \$48,939

AI INSTITUTE: A VISION FOR THE NEXT DECADE OF FOUNDATIONAL MACHINE LEARNING

PI/Department: Kaushik Sinha, School of Computing

Sponsor: The University of Texas at Austin / Natl Science Foundation

Amount: \$144,694

BUREAU OF FAMILY HEALTH - STAFF ENGAGEMENT SUPPORT

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment - Kansas

Amount: \$6,999

FACILITATION SERVICES FOR KANSAS FOSTER ADVISORY AND ACCOUNTABILITY BOARD MEETINGS

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Kansas Department for Children & Families / Dept of Health and Human Services
Amount: \$12,269

KANSAS ESSENTIALS FOR CHILDHOOD: PREVENTING ADVERSE CHILDHOOD EXPERIENCES THROUGH DATA TO ACTION

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$99,155

KDHE: A3 ADVISORY COMMITTEE SUPPORT

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$30,000

VIOLENCE INTERRUPTERS PROGRAM

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: City of Wichita / U.S. Department of Treasury

Amount: \$1,270,089

MONTHLY AWARDS FOR THE DIVISION OF INDUSTRY AND DEFENSE EQUAL \$18,944,626 OF WHICH \$18,663,626 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!

REMINDER - 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

REMINDER- 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: U.S. Department of Energy (DOE): Office of Energy Efficiency & Renewable Energy (EERE): Geothermal Technologies Office (GTO)

Title: [Combined Wellbore Construction High Temperature Tools and Reservoir Thermal Energy Storage \(RTES\)](#)

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

Purpose: “The objective of Topic Area 1 is to develop wellbore tools and technology that supplement and advance beyond available off-the-shelf solutions for cement and casing evaluation, which are suitable for the upper end of the oil and gas industry’s temperature needs but not generally considered adequate for hotter, enhanced geothermal systems. The objective of Topic Area 2 is to tap RTES as a unique solution to reducing emissions from energy-intensive processes that use industrial heating, such as removing moisture, separating chemicals, and treating metals.”

Amount: \$100,000-\$10M for Topic Area 1; Up to \$7.9M for Topic Area 2; Note, Cost Share is required.

Funding Agency: Farmers Advocating for Organic (FAFO)

Title: [Grants](#)

Application Deadlines: Letters of Intent due March 1, 2024; If invited, Full Applications due beginning March 15, 2024

Purpose: “Grants are awarded to research, education and advocacy projects that advance FAFO’s mission: to protect and promote the organic industry and the livelihood of organic farmers. Within this context, FAFO is currently prioritizing projects that focus on: Projects that benefit family farmers who produce organic dairy, eggs, meat, produce, and grain/forage; Projects that focus on organic soil health and biology; and Projects that strengthen CROPP Cooperative (internal).”

Amount: \$5,000-\$50,000

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

Title: [Innovations in Graduate Education \(IGE\) Program](#)

Application Deadline: ***Limited*** Because WSU may only submit two proposals in response to this opportunity, Notices of Intent to apply must be sent to proposals@wichita.edu by March 4, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is March 18, 2024. Applications to the funder (if selected) will be due by April 22, 2024.

Purpose: “The IGE Program is designed to encourage development and implementation of bold, new, and potentially transformative approaches to STEM graduate education training. The program seeks proposals that a) explore ways for graduate students in STEM master’s and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers, or b) support research on the graduate education system and outcomes of systemic interventions and policies.”

Amount: Up to \$1,000,000 depending on Track

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

Title: [Office of Postsecondary Education \(OPE\): Federal TRIO Programs: Training Program for Federal TRIO Programs, Assistance Listing Number 84.103A](#)

Application Deadline: ***Limited*** Because WSU may only submit one proposals per Absolute Priority in response to this opportunity, Notices of Intent to apply must be sent to proposals@wichita.edu by March 5, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is March 19, 2024. Applications to the funder (if selected) will be due by April 16, 2024.

Purpose: “The Training Program provides grants to train the staff and leadership personnel employed in, participating in, or preparing for employment in, projects funded under the Federal TRIO Programs, to improve project operation.”

Amount: Up to \$402,357 depending on Priority

Funding Agency: ASPCA

Title: [2024 ASPCA Fund to End Factory Farming](#)

Application Deadline: March 5, 2024

Purpose: “...help incentivize, build the case for, and provide the means necessary to shift the United States food system away from factory farming to practices that benefit animals, farmers and all those impacted by our current food system.”

Amount: Up to \$30,000

Funding Agency: Institute of Education Sciences (IES): National Center for Education Research (NCER)

Title: [Education Research and Development Center Program \(R&D Center\)](#)

Application Deadline: March 7, 2024

Purpose: “NCER supports R&D centers that conduct research and provide national leadership on key education issues that face our nation.” For the FY 2024 competition, NCER invites applications for four national centers: “Improving Rural Education; K-12 Teacher Recruitment and Retention Policy; Improving Outcomes in Elementary Science Education; and Using Generative Artificial Intelligence to Augment Teaching and Learning in Classrooms.”

Amount: \$10,000,000 - \$15,000,000 depending on topic area

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

Title: [Fiscal Year 2024 Technology Integration \(TI\) Funding Opportunity Announcement](#)

Application Deadlines: Concept Papers due March 12, 2024; If invited, Full Applications due April 30, 2024

Purpose: “Topic areas in VTO’s FY 2024 Technology Integration funding opportunity include: Clean Cities Outreach, Engagement, and Technical Assistance; Training on Zero Emission Vehicle and Infrastructure Technologies for Critical Emergency Response Workers; Clean Transportation Demonstration and Deployment.”

Amount: Up to \$15,000,000 available for three topic areas combined; Note, Cost Share is required only for the Clean Transportation Demonstration and Deployment topic.

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

Title: [Regional Resource Hubs for Purpose-Grown Energy Crops](#)

Application Deadlines: Concept Papers due March 14, 2024; If invited, Full Applications due June 13, 2024

Purpose: “...will advance a domestic supply chain of alternative carbon sources necessary to produce biofuels and bioproducts to decarbonize the transportation and industry sectors, as well as innovate and grow the U.S. agricultural industry.”

Amount: \$5,000,000-\$10,000,000

Funding Agency: Human Frontier Science Program (HFSP)

Title: [HFSP Research Grants](#)

Application Deadlines: Mandatory Letter of Intent must be started by March 19, 2024; If invited, Full Applications due mid-September

Purpose: “HFSP Research Grants support innovative basic research into fundamental biological problems with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries.”

Amount: Up to \$500,000 depending on size of international team

Funding Agency: National Institute of Justice (NIJ)

Title: [FY24 Research on School-Based Hate Crimes](#)

Application Deadline: March 22, 2024

Purpose: “With this solicitation, NIJ seeks proposals from accredited research universities to conduct a study of hate crimes in the K-12 education system to understand the scope, characteristics, and outcomes of these incidents.”

Amount: \$1,200,000

Funding Agency: American Heart Association: Health Equity Research Network (HERN)

Title: [Partner Hub Request for Proposals](#)

Application Deadlines: Pre-Proposals due March 26, 2024; Full Applications due May 14, 2024

Purpose: “The goal of this network is to implement a new research model(s) in which decision-making is shared equally across collaborating organizations. Thus, for Partner Hub submissions, community-based organizations and academic institutions must apply as equal partners. Each submission should include two Co-Directors, one from a community-based organization and one from an academic institution. The key outcome of this HERN is the establishment of new models for community-driven research that can be scaled and used as a foundation for shifting norms, paradigms and practices within all domains of health research. Each Partner Hub must have two research projects and be represented by a community-based organization and an academic institution. The collaborations between and among the Partner Hubs build momentum around both systems change and knowledge of a particular issue, making it an ideal mechanism to meet the interrelated objectives.”

Amount: Up to \$5,000,000

Funding Agency: American Heart Association: Health Equity Research Network (HERN)

Title: [Community Engagement Resource Center \(CERC\)](#)

Application Deadlines: Pre-Proposals due March 28, 2024; Full Applications due May 16, 2024

Purpose: “CERC will, under leadership of the Director, incorporate a multidisciplinary approach to provide capacity building, training, evaluation, and the management of a Community of Practice for the full Network. The CERC will facilitate engagement across the

Partner Hubs and service as a coordinating center, facilitating capacity building, study optimization, communication, evaluation, and a Community of Practice.”

Amount: Up to \$3,500,000

Funding Agency: Point-of-Care Technology Research Network (POCTRN)

Title: [POCTRN Solicitation 2024](#)

Application Deadlines: Expressions of Interest due March 31, 2024; If invited, Full Applications due June 2, 2024

Purpose: “Do you have a groundbreaking point-of-care technology in need of development? The National Institute of Biomedical Imaging and Bioengineering’s Point-of-Care Technology Research Network is pleased to announce six new funding opportunities from its centers. Advance the development of your transformative point-of-care technology through collaborative efforts that seamlessly blend scientific and technological expertise with clinical needs. Don't miss this chance to propel your innovation forward!”

Amount: \$50,000-\$100,000 depending on technology center and opportunities

***** 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 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

REMINDER - 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: American Cancer Society

Title: [AHEAD \(Advancing Health Equity and Addressing Cancer Disparities\) Awards](#)

Application Deadlines: April 1, 2024 or October 15, 2024

Purpose: “...intended to fund pilot, first-in-field, innovative strategies that increase quality cancer screening, clinical trials—and cancer care closer to home. AHEAD Awards will fund exploratory, novel research studies that seek to improve access to quality cancer screening and/or cancer care by bringing technologies to individuals rather than requiring travel to healthcare facilities. A scientist's proposed research may break new ground or strategize a new application of existing technologies or new intervention. We encourage the testing of high-risk, high-reward pilot projects to maximize the likelihood for breakthrough research and critical impact.”

Amount: \$135,000 per year for up to two years

Funding Agency: U.S. Food and Drug Administration (FDA)

Title: [Advancing Conformance with the Voluntary National Retail Food Regulatory Program Standards \(VNRFRPS\) by State, Local, Tribal, and Territorial \(SLTT\) Retail Food Regulatory Agencies \(U19\) Clinical Trials Not Allowed](#)

Application Deadline: April 1, 2024

Purpose: “...is to advance conformance with the VNRFRPS by developing and implementing systems to administer financial assistance, maintain the self-assessment verification audit course online, create educational outreach to prospective mentors, and develop and host a VNRFRPS symposium to educate VNRFRPS enrolled jurisdictions and prospective enrollees on the Standards.” Note, “this opportunity is only available to the following nonprofit food

safety training entities that collaborate with 1 or more institutions of higher education: National organization/associations that perform food safety training and whose membership includes, but is not necessarily limited to, state, local, territorial, and/or tribal regulatory retail food safety professionals or government agencies and who collaborate with one or more institutions of higher education.”

Amount: \$15,000,000 per year (Cooperative Agreement)

Funding Agency: National Science Foundation (NSF)

Title: [Expanding Capacity in Quantum Information Science and Engineering \(ExpandQISE\)](#)

Application Deadline: April 1, 2024

Purpose: “The ExpandQISE program helps build and maintain a close connection between new efforts and existing impactful work in research, research training, education, outreach, and broadening participation done at the existing QISE Centers such as, for example but not limited to NSF QLCI Institutes, DOE National Research Centers, NSF Quantum Foundries, or leading QISE research Institutions, while creating and nurturing necessary critical mass at Institutions not yet fully involved in QISE. In keeping with the NSF goal of increasing the participation of all members of society in the scientific enterprise, institutions from EPSCoR jurisdictions, and institutions at which more than 50% of enrolled students come from groups that are currently under-represented in the sciences, e.g. minority-serving institutions (MSIs), are especially encouraged to apply.”

Amount: \$800,000 for Individual Principal Investigator Track

Funding Agency: Brady Education Foundation

Title: [Proposals for Program Evaluations \(Research Project and Existing Program Evaluation\)](#)

Application Deadlines: April 1, August 1, or December 1, 2024 for Stage 1 Proposals; If invited, Stage 2 Proposals due four months later.

Purpose: “...proposals that have the potential to provide data that will inform how to address disparities in educational opportunities associated with race, ethnicity, and family income.”

Amount: Varies; see website for examples of previously funded projects.

Funding Agency: Department of Defense: Office of Naval Research (ONR)

Title: [Funding Opportunity Announcement \(FOA\) for the Office of Naval Research Science, Technology, Engineering and Mathematic \(STEM\) Program](#)

Application Deadline: April 2, 2024

Purpose: This FOA is specifically seeking STEM education and outreach projects that address scientific and technical areas identified in the following thrust areas” which include STEM interests supporting warfighter performance such as Human Physiology and Performance, Medical and Biology, Bio-centric Technologies, Artificial Intelligence and Autonomy, Training and Education, Social and Cultural, Command and Control and Innovative new STEM areas with a strong focus on diversity, equity and/or inclusion.

Amount: The funded amount and period of performance of each proposal selected for award may vary depending on the technology area and the technical approach to be pursued by the offeror selected.

Funding Agency: National Institute of Justice (NIJ)

Title: [FY24 Research and Development in Forensic Science for Criminal Justice Purposes](#)

Application Deadline: April 11, 2024

Purpose: “With this solicitation, NIJ seeks applications for funding basic or applied research and development in forensic science for criminal justice purposes. NIJ’s Forensic Science Strategic Research Plan and Forensic Science Research and Development Technology Working Group identify current research priorities and technology challenges encountered in operational forensic science laboratories.”

Amount: Maximum dollar amount for each award to be determined by the requirements of the research proposed in grants selected for award. Applicants are encouraged to propose budgets that match the research activities proposed, up to the full dollar amount anticipated to be awarded under this solicitation (\$13.5M).

Funding Agency: Centers for Disease Control (CDC)

Title: [State Biomonitoring Programs: Assessing Disproportionate Exposure to Environmental Chemicals among Communities](#)

Application Deadline: April 15, 2024

Purpose: “The purpose of this notice of funding opportunity is to leverage existing capability and capacity of state public health laboratories to conduct high-quality biomonitoring science and assess human exposure to environmental chemicals within their jurisdictions, specifically focusing on investigations for populations disproportionately affected by exposure to harmful chemicals. Improved exposure assessment will enable states to reduce or eliminate exposure to certain environmental chemicals in at-risk population groups and assess the effectiveness of interventions to reduce harmful exposures. Applicants may propose biomonitoring activities based on one or both of the following strategies to complete during a 3-year funding cycle. 1. Community biomonitoring investigations which can be a new investigation in an affected community or surveillance activities in a previously exposed community, 2. State-wide population surveillance with oversampling of a minority group disproportionately affected by harmful chemical exposure. Recipient activities will

include biomonitoring to assess exposures of concern, enhancement of laboratory capability/expertise, coordination/collaboration with partners to improve exposure investigations, and reporting of findings to key audiences.”

Amount: \$350,000-\$1,100,000

Funding Agency: National Institute of Justice (NIJ)

Title: [FY24 Research and Evaluation on Violence Against Women](#)

Application Deadline: April 17, 2024

Purpose: “With this solicitation, NIJ seeks applications for funding high-quality, rigorous, and inclusive evaluations focused on assessing programs, practices, models, or interventions aimed at (1) enhancing engagement with the justice system for women and girls who have been victimized and (2) improving accountability within the criminal justice system from individuals who engage in or perpetrate violence against women and girls.”

Amount: Up to \$2,300,000

Funding Agency: National Institute of Justice (NIJ)

Title: [FY24 Longitudinal Research on Delinquency and Crime](#)

Application Deadline: April 18, 2024

Purpose: “With this solicitation, NIJ, in collaboration with the Office of Juvenile Justice and Delinquency Prevention, seeks proposals for funding to conduct an expansion or extension of one or more ongoing/existing longitudinal research studies that focus on delinquency and crime throughout the life-course. Longitudinal studies support interdisciplinary research on the emergence, persistence, and desistance of delinquency and criminal offending. This research will inform the design of more effective strategies for prevention and intervention in delinquent and criminal behavioral trajectories.”

Amount: Up to \$2,000,000

Funding Agency: National Science Foundation (NSF)

Title: [Ideas Lab: Breaking the Low Latency Barrier for Verticals in Next-G Wireless Networks \(Breaking Low\)](#)

Application Deadlines: Preliminary Proposals due April 18, 2024; If invited, Full Applications due September 30, 2024

Purpose: “This Ideas Lab workshop, in particular, aims to bring together, and facilitate a dialogue among a group of innovators with diverse perspectives, experiences and expertise to stimulate creative thinking and collaborative spirit to develop and validate innovative low

latency communications technologies that will help meet, and possibly exceed, Next-G mobile wireless network specifications to spur a great number of emerging applications within multiple vertical industries that will transform the way we live and interact with each other. It is expected that the participation of key stakeholders and experts from low-latency vertical application use cases in the Ideas Lab workshop, in addition to the networking/computing researchers and technical experts, may contribute to achieving the goals of this Ideas Lab program.”

Amount: Up to \$3,700,000 per year

Funding Agency: National Park Service (NPS)

Title: [2024 Route 66 Corridor Preservation Program](#)

Application Deadline: April 19, 2024

Purpose: “Administered by the National Park Service, the program is dedicated to preserving the special places and stories of the historic highway.”

Amount: \$5,000-\$120,000

Funding Agency: Department of Health and Human Services: Centers for Disease Control (CDC)

Title: [Advancing Health Equity in Asthma Control through EXHALE Strategies](#)

Application Deadline: April 19, 2024

Purpose: “The CDC National Asthma Control Program is announcing a new, FY24 non-research notice of funding opportunity (NOFO) designed to improve the health and quality of life for people living with asthma. This NOFO builds upon the work of state, local and territorial public health departments and their strategic partners supported by CDC through funding opportunity announcement CDC-RFA-EH19-1902. Asthma is a complex, highly prevalent chronic disease. It is consistently one of the top five most costly health conditions. This NOFO aims to address the systems-level, environmental, and social drivers of disparities by leveraging and expanding strategic partnerships to implement EXHALE strategies. Recipients will strengthen existing organizational infrastructure (i.e., leadership and program management, strategic partnerships, surveillance, communication, and evaluation) and leverage existing partnerships with different sectors (e.g., community- and faith-based organizations, racial and ethnic minority-serving organizations, tribal communities, school and transportation systems, housing and healthcare systems, nongovernmental organizations) and community members to expand the reach and sustainability of asthma control services through implementation of EXHALE.”

Amount: \$400,000-\$750,000

Funding Agency: National Science Foundation (NSF)

Title: [Ideas Lab: Use-Inspired Acceleration of Protein Design \(USPRD\)](#)

Application Deadlines: Preliminary Proposals due April 23, 2024; If invited, Full Applications due August 30, 2024

Purpose: “USPRD includes two tracks: Track I. Use-driven application for small binders and Track II. The design and use of enzymes and families of enzymes. USPRD will use the Ideas Lab process starting with an intensive meeting that brings together multiple diverse perspectives. A key aim of this Ideas Lab workshop will be to identify an aggressive (but attainable) set of use-driven activities together with the infrastructure component breakthroughs, designer-facing components, and ecosystem components required to realize them.”

Amount: Up to \$3,750,000 per year

Funding Agency: Burroughs Wellcome Fund

Title: [Climate Change and Human Health Seed Grant](#)

Application Deadline: April 25, 2024

Purpose: “The Burroughs Wellcome Fund aims to stimulate the growth of new connections between scholars working in largely disconnected fields who might together change the course of climate change’s impact on human health.”

Amount: \$2,500-\$50,000

Funding Agency: Project Management Institute

Title: [Research & Academic Awards](#)

Application Deadline: April 29, 2024

Purpose: “The PMI Young Researcher Award recognizes and celebrates emerging leaders in the academic field of project/program/portfolio management with potential achievements to make a significant impact on the field and practice.”

Amount: n/a

Funding Agency: National Institute of Justice (NIJ)

Title: [FY24 Research and Evaluation on Firearm Violence and Mass Shootings](#)

Application Deadline: April 29, 2024

Purpose: “With this solicitation, NIJ seeks applications for funding of research and program evaluation projects specific to the intervention and prevention of intentional, interpersonal

firearm violence and mass shootings in the United States. This solicitation has two categories: 1) research on mass shootings, including insider threat and leakage and the role of the news media and social media platforms; and 2) research on the effectiveness of campaigns implemented in school systems and/or through school personnel to encourage the parents, guardians, and relatives of school-aged children to store firearms safely and securely.”

Amount: Up to \$3,000,000

Funding Agency: National Institute of Justice (NIJ)

Title: [NIJ FY24 Research and Evaluation on Hate Crimes](#)

Application Deadline: April 29, 2024

Purpose: “With this solicitation, NIJ seeks for rigorous research and evaluation projects to inform policy and practice to prevent and respond to hate crimes.”

Amount: Up to \$2,500,000

Funding Agency: National Institute of Justice (NIJ)

Title: [NIJ FY24 Research and Evaluation on the Impact of Technologies for Forensic Science Applications](#)

Application Deadline: April 29, 2024

Purpose: “With this solicitation, NIJ seeks applications for funding for proposals to study how adopted technologies with a forensic science application impact criminal justice systems, how the implementation of forensic laboratory programs or practices broadly affect outcomes, and how changes in policies adapt the use of forensic evidence. NIJ seeks rigorous evaluations of the implementation of technologies, methods, or workflow processes to understand the impact on backlog reduction, capacity enhancement, cost relative to benefit, workforce development, or case closure efficiency.”

Amount: Up to \$1,000,000

Funding Agency: Department of Defense: Office of Naval Research (ONR)

Title: [FY25 Young Investigator Program](#)

Application Deadline: April 30, 2024

Purpose: “ONR's Young Investigator Program seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, who have received their PhD or equivalent degree

on or after 01 January 2017, and who show exceptional promise for doing creative research.”

Amount: \$750,000

Funding Agency: Center for Retirement Research at Boston College

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

Application Deadline: April 30, 2024

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

Amount: \$50,000

Funding Agency: National Institute of Justice (NIJ)

Title: [NIJ FY24 Evaluation on Desistance](#)

Application Deadline: April 30, 2024

Purpose: “NIJ seeks proposals for rigorous evaluations of desistance-focused interventions to advance understanding of strategies that might aid in the desistance process and identify innovative approaches to measure the desistance process.”

Amount: Up to \$2,000,000

Funding Agency: National Institute of Justice (NIJ)

Title: [NIJ FY24 Research and Evaluation on 911, Alternative Hotlines, and Alternative Responder Models](#)

Application Deadline: April 30, 2024

Purpose: “NIJ seeks research and evaluation proposals on the ability of 911 and alternative, three-digit service numbers (e.g., 311, 211, 988) to assess public service and safety needs and respond to them safely, efficiently, effectively, and equitably. This includes research to assess the use of new methods and technologies to support effective and equitable responses to public calls for service, such as research on the training and operating procedures of call takers and dispatchers to ensure accurate and unbiased coding, priority assessment, and dispatch decisions; and evaluations of the public’s knowledge and use of alternative three-digit service numbers and the degree to which they are receiving and adequately addressing the types of calls they are intended to divert from 911. This

solicitation also invites proposals to evaluate the effectiveness of models that employ non-sworn first responders in partnership with, or as an alternative to, police response or enforcement. In addition, NIJ invites proposals that evaluate alternative traffic enforcement models, including changes in policies about what types of traffic violations sworn officers enforce and new measures to employ non-sworn personnel for response or enforcement of traffic violations.”

Amount: Up to \$3,000,000

Funding Agency: Spencer Foundation

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

Application Deadline: April 30, 2024

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

***** 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 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 Science Foundation (NSF)

Title: [Civic Innovation Challenge \(CIVIC\)](#)

Application Deadline: May 1, 2024

Purpose: “CIVIC is organized as a two-stage competition with two tracks centered around the following topic areas: Track A. Climate and Environmental Instability - Building Resilient Communities through Co-Design, Adaption, and Mitigation; Track B. Bridging the gap between essential resources and services & community needs. In Stage 1, approximately 35-40 Planning Grant awards will be made – each with a budget of up to \$75,000 for six months to undertake planning and team development activities. These include solidifying the team, maturing the project plans, and preparing a well-developed full proposal for submission to Stage 2. Only Stage 1 CIVIC recipients can submit to the CIVIC Stage 2 competition.”

Amount: \$75,000 for Stage 1 Planning Grants

Funding Agency: Wenner-Gren Foundation for Anthropological Research Inc.

Title: [Post-PhD Research Grants](#)

Application Deadlines: May 1, 2024 or November 1, 2024

Purpose: “This grant program funds individual research projects undertaken by doctorates in anthropology or a closely related field. Our goal is to support vibrant and significant work that furthers our understanding of what it means to be human.”

Amount: Up to \$25,000

Funding Agency: Bureau of Justice Assistance (BJA)

Title: [FY24 Connect and Protect: Law Enforcement Behavioral Health Response Program](#)

Application Deadline: May 1, 2024

Purpose: “This program supports law enforcement–behavioral health cross-system collaboration to improve public health and public safety by improving responses to and outcomes for individuals with mental health disorders or co-occurring mental health and substance use disorders.”

Amount: \$550,000

Funding Agency: William T. Grant Foundation

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

Application Deadline: May 1, 2024

Purpose: “This program supports research to build, test, or increase understanding of programs, policies, or practices to reduce inequality in the academic, social, behavioral, or economic outcomes of young people ages 5-25 in the United States.”

Amount: \$100,000-\$600,000

Funding Agency: Department of Homeland Security (DHS): FEMA

Title: [Fiscal Year 2024 Targeted Violence and Terrorism Prevention \(TVTP\) Grant Program](#)

Application Deadline: Anticipated Deadline of May 2, 2024

Purpose: “Promising Practices: This track will fund prevention projects in all segments of the community either through in-person or online-focused prevention initiatives at the national or local level. Innovation: This track will fund prevention projects that approach the broader goal of TVTP in new or untested ways. This can include a project that does not generally fall within the eight specified project types under “Promising Practices,” or a new theory of change that has not been previously implemented.”

Amount: \$60,000-\$350,000 for Promising Practices Track; \$300,000-\$815,000 for Innovation Track

Funding Agency: National Institute of Justice (NIJ)

Title: [NIJ FY24 Measurement of Community Perceptions](#)

Application Deadline: May 2, 2024

Purpose: “NIJ seeks applications for research on, and demonstration projects of, improved approaches to measuring community perceptions of policing and public safety. Specifically, NIJ seeks to fund research that develops and tests innovative methods to provide representative samples that are accurate across microgeographic areas, cost-effective, able to be implemented frequently, and scalable for use in municipalities of various sizes.”

Amount: Up to \$1,000,000

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

Title:

Application Deadline: ***Limited*** Because WSU may only submit one proposal per college, Notices of Intent to apply must be sent to proposals@wichita.edu by May 8, 2024 at 12noon, in case an internal competition is needed. The goal date for informing you if you have been chosen to proceed is May 31, 2024. Applications to the funder (if selected) will be due by July 3, 2024.

Purpose: “The William T. Grant Scholars Program supports career development for promising early-career researchers. The program funds five-year research and mentoring plans that significantly expand researchers’ expertise in new disciplines, methods, and content areas. Researchers must select one focus area (Reducing Inequality or Improving the Use of Research Evidence).”

Amount: \$350,000 over five years

Funding Agency: Bureau of Justice Assistance (BJA)

Title: [FY24 Justice and Mental Health Collaboration Program](#)

Application Deadline: May 9, 2024

Purpose: “For the purposes of the FY24 solicitation, the program will focus on pretrial, prosecution, courts, probation/parole, and addressing the needs directly related to the criminal activity of adults with mental health conditions, living in homelessness or marginalized communities with minimal access to treatment, needing wrap around services, in the criminal justice system and leaving incarceration.”

Amount: \$550,000

Funding Agency: National Science Foundation (NSF)

Title: [EMpowering BRoader Academic Capacity and Education \(EMBRACE\)](#)

Application Deadline: May 15, 2024

Purpose: “The EMBRACE program is intended to expand the portfolio of institution types funded by the Divisions of Atmospheric and Geospace Science, Earth Sciences, Ocean Sciences, and the Office of Polar Programs within GEO. To enhance access to funding for faculty members at non-R1 institutions, EMBRACE supports projects that tackle well-focused scientific problems relevant to GEO. Funding support includes budget accommodations to mitigate barriers that include high teaching loads, increased expectations for teaching and mentoring, low or no start-up packages, and limited institutional infrastructure and research support personnel. Emerging results from EMBRACE activities should enable the submission of subsequent successful proposals to other NSF funding opportunities.”

Amount: \$200,000 for Seed Proposals; \$400,000 for Growth Proposals

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

Title: [AHRQ Health Services Research Demonstration and Dissemination Grants \(R18\)](#)

Application Deadlines: May 25, 2024 or September 25, 2024

Purpose: This Notice of Funding Opportunity invites Large Research Demonstration and Dissemination (R18) Project applications that focus on AHRQ's mission and/or any aspect of its specific priority areas. The Research Demonstration and Dissemination Grant (R18) is an award made by AHRQ to an institution/organization to support a discrete, specified health services research project designed to develop, test, and evaluate health service activities and to foster the application of existing knowledge. The R18 research plan proposed by the applicant institution/organization must be related to the mission and portfolio priority research interests of AHRQ. AHRQ Research Priority Areas include Research to improve healthcare quality and patient safety; Research to improve healthcare delivery and practice improvement; and Research to enhance whole-person healthcare delivery.”

Amount: Up to \$400,000 in any given year

Funding Agency: National Science Foundation (NSF)

Title: [NSF 24-549: Next Era of Wireless and Spectrum](#)

Application Deadline: May 28, 2024

Purpose: “This program seeks to develop the intellectual capital enabling the U.S. to smoothly and quickly transition to effective new ways of using and managing the radio and optical spectrum after the end of the current spectrum era of long-term exclusive-use license auctions, thereby sustaining and advancing the social, economic, scientific, and U.S. national leadership benefits derived from the electromagnetic spectrum.”

Amount: \$400,000 for Track 2; \$800,000 for Track 1

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

Title: [Small Health Services Research Grant Program \(R03\)](#)

Application Deadlines: June 16 and October 16, 2024

Purpose: “...health services research grant applications focused on AHRQ research priorities, including improving healthcare quality and patient safety, improving healthcare delivery and practice improvement, and enhancing whole-person healthcare delivery. AHRQ supports research in all healthcare settings, including the hospital, long-term care, ambulatory care, home healthcare, pharmacy, and care transitions between settings. Research may involve many partners and other groups, including patients, families, clinicians, non-clinical healthcare staff, policymakers, payers, healthcare organizations, providers and accreditors, local and State governments, the Federal Government, and others.”

Amount: \$100,000

Funding Agency: National Institutes of Health (NIH)

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

Application Deadline: July 8, 2024

Purpose: “...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 Notice of Funding Opportunity will support small research projects that can be carried out in a short period of time with limited resources. The R21 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.”

Amount: Application budgets cannot exceed \$200,000 in direct costs per year, and must reflect the actual needs of the proposed project.

Funding Agency: National Aeronautics and Space Administration (NASA)

Title: [ROSES – C.16 Laboratory Analysis of Returned Samples](#)

Application Deadline: Proposals accepted now through March 28, 2025

Purpose: “...The goal of the Laboratory Analysis of Returned Samples (LARS) program is to maximize the science derived from planetary sample-return missions. Activities supported by LARS fall into two categories: (1) development of laboratory instrumentation and/or advanced techniques required for the analysis of returned samples; (2) direct analysis of samples already returned to Earth. Proposals may fall into either category or contain tasks that do both.”

Amount: Total funding available is \$2,600,000; it is estimated that approximately 10 new awards may be funded within this amount

Funding Agency: U.S. Department of Defense (DOD): Air Force Research Lab, Aerospace Systems Directorate (AFRL/RQ)

Title: [Pioneering Aerospace Capabilities, Engineering and Research \(PACER\) Broad Agency Announcement \(BAA\)](#)

Application Deadline: White Papers accepted now through May 10, 2043

Purpose: “This is a hybrid solicitation against which white papers may be submitted and/or calls will be released. PACER BAA is a Two-Step Open BAA and BAA with Calls that will enable study efforts on novel concepts, as well as research and development efforts to mature specific technologies to appropriate technology readiness levels depending on end use. Efforts under this BAA are intended to further AFRL/RQ’s mission in pioneering transformative aerospace technologies for the warfighter’s decisive advantage.”

Amount: Individual awards resulting from a white paper are not anticipated to exceed \$500M per effort, and total awards under an individual Call are not anticipated to exceed \$500M per Call; however there is no pre-defined minimum or maximum.

Funding Agency: U.S. Department of Defense (DOD): Air Force Office of Scientific Research (AFOSR)

Title: [Research Interests of the Air Force Office of Scientific Research](#)

Application Deadline: Ongoing – Open until closed

Purpose: “Our focus is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in two scientific branches, each with two teams: Engineering and Information Sciences (Engineering and Complex Systems; Information and Networks) and Physical and Biological Sciences (Physical Sciences; Chemical and Biological Sciences).

Amount: Research proposals funded between \$100,000 and \$300,000 per year are encouraged.

Funding Agency: U.S. Department of Defense (DOD): Air Force Office of Scientific Research (AFOSR)

Title: [Air Force Defense Research Sciences Conference and Workshop Support](#)

Application Deadline: Ongoing – Open until superseded

Purpose: “We provide partial support for conferences and workshops as defined in the DoD Joint Travel Regulations in special areas of science that bring experts together to discuss recent research or educational findings, or to expose other researchers or advanced graduate students to new research and educational techniques in our areas of research interest. Our research interests are described in the most recent version of our general Broad Agency Announcement.”

Amount: Dependent on discretionary appropriated funds as available.

Funding Agency: National Science Foundation

Title: [Established Program to Stimulate Competitive Research \(EPSCoR\): Workshop Opportunities \(EPS-WO\)](#)

Application Deadline: Ongoing

Purpose: “EPSCoR welcomes proposals for workshops only from institutions within EPSCoR-eligible jurisdictions. These workshops must focus on innovative ways to address multi-jurisdictional efforts on themes of regional or national importance with relevance to the goals and mission of NSF and EPSCoR.”

Amount: Up to \$200,000

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](#) – Aug 7, 2024 & Feb 12, 2025

[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 20, 2024

[Human-Environment and Geographical Sciences Program \(HEGS\)](#) –Aug 20, 2024 & Jan 21, 2025

[Industry-University Cooperative Research Centers Program \(IUCRC\)](#) – Preliminary Proposal due Mar 13 or Sep 11, 2024

[Mathematical Sciences Infrastructure Program](#) – Aug 6, 2024 & Feb 4, 2025
[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)

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. The date for the March session will be set soon.

Email funding@wichita.edu to express interest in attending this NSF REU Workshop series and to craft a proposal to NSF due in August.

Hanover Research Upcoming Grants Workshops: February 29, March 28, and April 25, 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;” the webinar on March 28, 2024 is titled “Navigating the Grant Review Processes (and Becoming a Reviewer)” and the webinar on April 25, 2024 is titled “Responding to NSF Dear Colleague Letters.”

[Register for Upcoming Hanover Workshops](#)

Hispanic Serving Institutions (HSI) STEM Hub: 2023-2024 Grant Training Webinar Series: 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 March 1, 2024 topic is “Improving Undergraduate Student Success through Summer Research Experiences.”

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

National Institutes of Health (NIH) Webinar: Utilizing Unique Resources to Study Cancer and Aging: March 4, 2024

“Many existing data sources may help to fill gaps in knowledge related to cancer and aging, but the value in leveraging these data may not be obvious. In this webinar, two invited experts will present findings from their work addressing cancer and aging questions utilizing datasets from studies originally designed for other purposes.”

[Register for NIH National Cancer Institute Webinar](#)

National Institutes of Health (NIH) Virtual Meeting: Partnership: a Mission and an Imperative for Health Equity Focused Survivorship Research and Engagement: March 5, 2024

“Loretta Herring (CEO & Co-Founder of Cancer Awareness Network) will share her experiences as an advocate. The intended audience is researchers, advocates, clinicians, and policy makers interested in cancer survivorship.”

[Register for NIH Webinar on Equity Focused Survivorship](#)

National Science Foundation (NSF) Updates to the NSF Proposal and Award Policies and Procedures Guide (PAPPG) Webinar: March 12, 2024

“The National Science Foundation (NSF) invites you to attend an informative webinar—Updates to the NSF Proposal and Award Policies and Procedures Guide (PAPPG) (NSF 24-1) on Tuesday, March 12, from 2:00 – 3:00 PM EST. There is no cost to participate. The webinar will cover changes and clarifications to the PAPPG which will be effective for proposals submitted or due on or after May 20, 2024.”

[Register for NSF Webinar on Updates to the PAPPG](#)

National Institutes of Health (NIH) Scientific Workforce Diversity Seminar Series: How Does Diversity Impact Innovation in Team Science: March 13, 2024

“Marie A. Bernard, M.D., NIH’s Chief Officer for Scientific Workforce Diversity and Karen N. Salt, Ph.D., UK Research and Innovation's Deputy Director for Research Culture and Environment, will moderate the 90-minute discussion, which will offer perspectives on diversity in team science-related data findings from the United States and United Kingdom.”

[Register for NIH Webinar on Workforce Diversity](#)

Environmental Protection Agency (EPA) Tools and Resources Webinar Series: Nutrient Explorer: March 13, 2024

“Excess nutrients (nitrogen and phosphorus) in lakes can lead to eutrophication, hypoxia, and algal blooms that may harm aquatic life and people. Some U.S. states have established numeric water quality criteria for nutrients to protect surface waters. However, monitoring to determine if criteria are being met is limited by resources and time. EPA’s Nutrient Explorer can help managers locate and prioritize areas where nutrients in surface waters are predicted to exceed certain water quality thresholds. Nutrient Explorer is a downloadable tool for modeling relationships between watershed land use, climate, and other variables and surface water nutrient concentrations. This interactive application allows users to explore spatial patterns and temporal trends in surface water nutrient datasets and can be applied by decision makers to different locations and surface water bodies to identify the most influential drivers of excess nutrient concentrations and to prioritize watersheds for restoration.” Note, other upcoming webinars in this series include “Tire Crumb Research” and “Wildfires.”

[Register for EPA Tools and Resources Webinar Series](#)

National Institutes of Health (NIH) Webinar: The Context of Poverty: Mass Incarceration, Women and Health: March 14, 2024

“Mass Incarceration, Women, and Health, A talk that outlines the health and social impacts of mass incarceration on women's health. Megha Ramaswamy, PhD, MPH serves as Professor and Chair of Health Systems and Population Health at the University of Washington School of Public Health. Dr. Ramaswamy is a long-time teacher, mentor, and researcher in the areas of sexual, reproductive health, cancer prevention, and mass incarceration.”

[Register for NIH March Webinar on Context of Poverty: Women's Health](#)

National Institutes of Health (NIH) 2024 Annual Emotional Well-Being (EWB) Investigator Meeting: March 18, 2024

“The NIH welcomes researchers and the public to attend the livestreamed open session to learn about six research networks and their efforts in advancing the science of EWB and to discuss remaining research gaps and opportunities. In addition, Eric Garland, Ph.D., will present the keynote speech “Mindfulness-Oriented Recovery Enhancement Builds Emotional Well-Being by Restructuring Reward, Meaning, and Self.” There will be ample time for participants to submit questions to the speakers.”

[Register for NIH Emotional Well-Being Investigator Meeting](#)

WSU Information Security: Privacy & Security Training: March 19, 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 with questions.

National Institutes of Health (NIH) National Cancer Institute (NCI) Conference: New Frontiers in Liquid Biopsies: Data, Technology and Translational Potential: May 13-14, 2024

“Building on the foundation of cell-free DNA prenatal testing, the field of liquid biopsy research has rapidly evolved, with uses spanning from early detection of cancer and monitoring of organ transplants. Unlike traditional biopsy methods that require invasive procedures to obtain tissue samples, liquid biopsies use simpler methods to detect disease markers, including cells themselves, in different biofluids, including blood, urine, and even cerebral spinal fluid. This less invasive approach allows for repeated monitoring over time.”

[Register for NIH NCI Liquid Biopsy Conference](#)

Spring 2024 OAK Supercomputing Conference Will Be Held at Wichita State University: May 20-23, 2024

This is the third conference in a series of semi-annual conferences for the Oklahoma, Arkansas, and Kansas (OAK) region, bringing together supercomputing experts, researchers, and students from across the region for a discussion and exploration of the latest trends and technologies in the field of high-performance computing. Topics will include the relevance of machine learning & artificial intelligence and data-driven applications in scientific research.

[Spring 2024 OAK Supercomputing Conference](#)

National Science Foundation Spring 2024 NSF Grants Conference: June 3 - 5, 2024

The NSF Grants Conference is designed to give new faculty, researchers, and administrators key insights into a wide range of current issues at NSF. NSF staff will provide up-to-date information about policies and procedures, specific funding opportunities, and answer attendee questions.

[Spring 2024 NSF Grants Conference](#)

Save the Date - National Science Foundation 28th NSF EPSCoR Annual Conference: October 13-16, 2024

“...welcoming project researchers, students, and staff from 28 EPSCoR jurisdictions – plus leaders with the National Science Foundation’s Established Program to Stimulate Competitive Research.”

[28th NSF EPSCoR Annual Conference Website](#)

National Science Foundation Free Research Security Training Modules

“The U.S. National Science Foundation is pleased to announce the launch of four interactive online research security training modules, now available to researchers and institutions across the U.S. These modules are designed to facilitate principled international collaboration in an open, transparent and secure environment that safeguards the nation's research ecosystem.” The modules include Introduction to Research Security; The Importance of Disclosure; Manage and Mitigate Risk; and The Importance of International Collaboration.

[Access NSF Research Security Training Modules](#)

NIHCM Foundation Webinar Recording on How Artificial Intelligence is Reshaping Health Care

“Health outcomes could improve by 40% and treatment costs could be reduced by 50% with the use of artificial intelligence (AI), according to the Harvard School of Public Health. Despite AI’s promising ability to improve health outcomes and transform medicine, there is a potential to disrupt care and introduce risks resulting in harmful and inequitable outcomes. Health care stakeholders are beginning to explore the role of regulatory bodies and their approach to AI in the health care sector. Join us to gain valuable insights into navigating the evolving landscape of AI in health care.”

[NIHCM Artificial Intelligence Research](#)

PCORI 2024 & Beyond Recording Now Available

“In this webinar, Executive Director Nakela L. Cook, M.D., MPH, and Deputy Executive Director for Patient-Centered Research Programs Harv Feldman, M.D., MSCE, shared information about what's in store for 2024, including upcoming funding opportunities, and how you can get involved with PCORI. Attendees also learned about an exciting new engagement resource that PCORI will be debuting soon, which will provide guidance on how to meaningfully engage with patients, communities and other partners through all aspects of PCORI-funded research. The webinar also highlighted upcoming funding opportunities and the benefits of using PCORnet to power research, provided answers to attendee-submitted questions, and more!”

[Watch the PCORI 2024 & Beyond Webinar Recording](#)

Environmental Protection Agency Emergency Response Research Webinar Series

Free webinars are typically held on the second Wednesday of the month. This webinar series covers the latest information on research supporting EPA's response to chemical, biological, and radiological incidents, as well as natural disasters. This forum allows EPA to communicate directly with partners and stakeholders to foster collaboration and dissemination of information.

[Register for upcoming EPA emergency response research webinars or watch previously recorded sessions](#)

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 – Brandon Schneider

“Hello everyone! My name is Brandon Schneider and I joined the Office of Research in October 2022 as the Grants Coordinator on the Pre-Award team. I’ve been with the University for seven years now in various roles, but really feel like I’ve found my home with my Pre-Award colleagues. In 2018 I graduated magna cum laude with my Bachelor’s degree in Communication. In 2021 I achieved a lifelong goal by obtaining my Master’s degree in Communication. Away from the office, I love spending time with my family, playing with my kids, adding to my growing vinyl record collection, watching my beloved Colorado Avalanche hockey team, and catching up on movie/TV show recommendations.” [Read more about the Office of Research staff...](#)

Two Separate Routing Forms Now Required for Project Submissions

The Office of Research has implemented the use of two separate routing forms for each sponsored project submission. Two routing forms will now be required: a compliance routing form and a budget routing form. The goal is to obtain more compliance information early in the proposal process, initiating any research compliance discussions that need to take place prior to submission. The compliance routing form requires information about items such as export/import, protected health or identifying information, foreign collaborations, human and animal subjects research, and hazardous materials.

Thank you in advance for your assistance with these new forms. Email proposals@wichita.edu with any questions about routing form changes.

Fulbright U.S. Scholar Program Seeking Referrals

“The Fulbright U.S. Scholar Program offers over 400 awards in more than 135 countries for U.S. citizens to teach, conduct research and carry out professional projects around the world. College and university faculty, as well as artists and professionals from a wide range of fields can join over 400,000 Fulbrighters who have come away with enhanced skills, new connections, and greater mutual understanding.” Additionally, the Fulbright U.S. Scholar Program is also seeking [referrals of colleagues](#) whom you might feel are a good fit for the program.

Fulbright Scholar in Resident (S-I-R) Program Now Accepting S-I-R Host Applications for 2025-2026

“The Fulbright Scholar-in-Residence (S-I-R) Program is a unique Fulbright Scholar Program initiative that is specifically driven by the goals of U.S. institutions of higher education to enhance internationalization efforts on their campuses. Through the S-I-R Program, institutions host a scholar from outside of the United States for a semester or full academic year to teach courses, assist in curriculum development, guest lecture, develop study abroad/exchange partnerships and engage with the campus and the local community. S-I-Rs work across departments and curricula in a variety of ways to widely enhance or expand an existing international program, develop new world area studies programs, add an international dimension to existing coursework or provide an opportunity for U.S. students to learn about a particular world region or country.” Note, two upcoming webinars about the S-I-R program will be held on March 12 and May 3, 2024. See website for more details.

[Read More about the Fulbright S-I-R Program](#)

National Institutes of Health (NIH): Search for Cooperative Agreements in RePORTER Now Available

“The RePORT Expenditures and Results (RePORTER) module allows users to search a repository of NIH-funded research projects and access publications and patents resulting from NIH funding.” In addition to searching for awarded grants, users may now search for awarded cooperative agreements in the system as well.

[Search the NIH RePORTER](#)

National Science Foundation (NSF) Dear Colleague Letter: International Multilateral Partnerships for Resilient Education and Science System in Ukraine (IMPRESS-U)

“The goals of the partnership initiative are to: (1) support excellence in science and engineering research, education, and innovation through international collaboration and (2) promote and catalyze integration of Ukrainian researchers in the global research community.”

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

National Science Foundation (NSF) Launches National Artificial Intelligence Research Resource (NAIRR) Pilot

“The NAIRR pilot brings together computational, data, software, model, training and user support resources to demonstrate and investigate all major elements of the NAIRR vision first laid out by the NAIRR Task Force. Led by the NSF in partnership with 10 other federal agencies and 25 non-governmental partners, the pilot makes available government-funded,

industry and other contributed resources in support of the nation's research and education community.” NSF NAIRR is requesting information on Research and Educator Use Cases by **March 8, 2024**.

[Read More About NAIRR, Sign Up for Future Announcements and Submit to Use Cases Survey](#)

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 if you would like assistance with setting up your profile in SciENcv.

[SciENcv Website](#)

REMINDER - National Institutes of Health (NIH) Notice: 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 if they need assistance setting up their eRA Commons account, well in advance of the application deadline.

[Read NIH Commons ID Reminders](#)

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