



WICHITA STATE
UNIVERSITY
OFFICE OF RESEARCH

INSIDE RESEARCH & Funding Opportunities

News, Events and Resources for the WSU Research Community

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SEPTEMBER 2020

Congratulations to those who received grants in August! Please help the WSU community stay informed by forwarding any notices of funding opportunities and/or training sessions to research@wichita.edu. Good luck to all of you in your research efforts over the next month.

Coleen Pugh, AVP for Research

AWARDS

THE AGING PITUITARY/GONADAL AXIS

PI/Department: George Bousfield, Biological Sciences

Sponsor: Natl Institutes of Health

Amount: \$1,709,158

LOTUS ANTI-TRAFFICKING MODEL TRAINING

PI/Department: Karen Countryman-Roswurm, Center for Combat Human Trafficking

Sponsor: SOS Inc / Department of Justice

Amount: \$5,180

CURRICULUM COMMITTEE INTERVIEW TRANSCRIPTION

PI/Department: Crystal Dozier, Anthropology

Sponsor: Society for American Archaeology

Amount: \$ 750

**CONTINUOUS MONITORING OF HURRICANES USING RAIN CUBESATS
PARDHASAI CHADALAVADA**

PI/Department: Atri Dutta, Aerospace Engineering

Sponsor: Natl Aeronautics & Space Admn

Amount: \$45,000

ULRICH + ARTISTS + YOU COMMUNITY BILLBOARD PROJECT

PI/Department: Jana Erwin, Edwin A. Ulrich Museum of Art

Sponsor: Humanities Kansas / Natl Endowment for the Humanities

Amount: \$10,000

MIDWEST INDUSTRIAL ASSESSMENT CENTER AMENDMENT 9

PI/Department: Deepak Gupta, Engineering Technology

Sponsor: Curators of Univ of MO on behalf of Univ of Missouri-KC / Department of Energy

Amount: \$35,703

**KCAIC RE-IMAGINED SPACES GRANT APPLICATION FOR THE ULRICH MUSEUM
COMMUNITY BILLBOARD PROJECT**

PI/Department: Ksenya Gurshtein, Edwin A. Ulrich Museum of Art

Sponsor: Kansas Department of Commerce / Natl Endowment for the Arts

Amount: \$10,000

K-INBRE SUMMER SCHOLARS/TRANSLATIONAL SCHOLAR: ALSHAAER, CEDILLOSILVA, FATER, HOWELL, JIBBE, SALIMNEJAD, SOTO, BRETCHES

PI/Department: William Hendry, Biological Sciences

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

Amount: \$53,280

K-INBRE STAR TRAINEE AWARDS: JESRI, KHAN

PI/Department: William Hendry, Biological Sciences

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

Amount: \$19,980

SUSTAINING MEMBERSHIP AGREEMENT - MULVANE 2020-2021

PI/Department: Shirley Lefever, Kansas Mentor Induction Center

Sponsor: USD 263 Mulvane

Amount: \$2,450

SUSTAINING MEMBERSHIP AGREEMENT - USD 482 2020-2021

PI/Department: Shirley Lefever, Kansas Mentor Induction Center

Sponsor: USD 482 Dighton

Amount: \$1,150

SUSTAINING MEMBERSHIP AGREEMENT - HOLCOMB USD 363 2020-2021

PI/Department: Shirley Lefever, Kansas Mentor Induction Center

Sponsor: USD 363 Holcomb School

Amount: \$3,750

"WATER-LIKE" IONIC LIQUIDS FOR ENZYMATIC CARBON-CARBON BOND FORMATION

PI/Department: Katie Mitchell-Koch, Chemistry

Sponsor: University of Northern Colorado / Natl Science Foundation

Amount: \$28,303

NEW LONG-TERM CURATION

PI/Department: Peer Moore-Jansen, Anthropology

Sponsor: Bureau of Reclamation

Amount: \$13,868

SCC-IRG TRACK 2: CITYGUIDE: SEAMLESS AND INCLUSIVE LOCATION-BASED SERVICES FOR COMMUNITIES

PI/Department: Vinod Namboodiri, Electrical & Computer Engr

Sponsor: Natl Science Foundation

Amount: \$1,122,749

ACCESSIBILITY AND INCLUSION TECHNOLOGY RESEARCH

PI/Department: Vinod Namboodiri, Electrical & Computer Engr

Sponsor: Envision Inc

Amount: \$30,000

THREE DIMENSIONAL LASER SCANNING SUITE FOR EVALUATING DYNAMIC TEST SETUP AND DEFORMATIONS OF AIR, LAND AND SEA VEHICLES TO IMPROVE WARFIGHTER PROTECTION AND REDUCE INJURIES IN COMBAT THREAT LOSSES AND MISHAPS

PI/Department: Gerardo Olivares, NIAR-Crash Dynamics

Sponsor: Office of Naval Research

Amount: \$158,399

HEARTLAND INNOVATION AND TRANSLATION HUB

PI/Department: Jeremy Patterson, Interdisciplinary Innovation

Sponsor: Kauffman Ctr-Entrepreneurial Ldshp

Amount: \$100,000

DUOCEL FOAM LINER FOR MULT-FUNCTION TURBOFAN IMPROVEMENT

PI/Department: Bhisham Sharma, Aerospace Engineering

Sponsor: ERG Aerospace Corporation / Air Force Research Laboratory

Amount: \$15,000

THE IMPACT OF INVOLVEMENT ON STUDENT VOICE, LEADERSHIP, AND ACADEMIC ACHIEVEMENT OF FIRST-GENERATION UNDERGRADUATE STUDENTS

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

Sponsor: National Association for Campus Activities

Amount: \$1,250

ASTROPHYSICS AND TECHNICAL STUDY OF A SOLAR NEUTRINO SPACECRAFT

PI/Department: Nick Solomey, Physics

Sponsor: Natl Aeronautics & Space Admn

Amount: \$164,999

EAR/IF: ACQUISITION OF A BENCH TOP SEM AND FIELD EQUIPMENT FOR RESEARCH AND TEACHING (EQUIPMENT ONLY)

PI/Department: Andrew Swindle, Geology

Sponsor: Natl Science Foundation

Amount: \$273,136

EMERGING MATERIALS FOR HIGH-SPEED MISSILE APPLICATION

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

Sponsor: Advanced Technology International / Department of Defense

Amount: \$477,268

LOUIS STOKES NEW STEM PATHWAYS IMPLEMENTATIONS (LSAMP) YEAR 2

PI/Department: Janet Twomey, Industrial & Manufacturing Eng

Sponsor: Kansas State University / Natl Science Foundation

Amount: \$169,306

WICHITA STATE ENVIRONMENTAL FINANCE CENTER: CORE GRANT: YEAR 5

PI/Department: Melissa Walker, Hws of Urban & Public Affairs

Sponsor: Environmental Protection Agency

Amount: \$542,093

WSU AMERICORPS EDUCATION PROJECT

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Kansas State Department of Education / Corporation for National and Community Service

Amount: \$79,955

MEDICAID MANAGED CARE FINAL RULE NETWORK ADEQUACY TECHNICAL ASSISTANCE, STAKEHOLDER ENGAGEMENT, AND EVALUATION SERVICES

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$682,508

GOVERNANCE & MANAGEMENT CAPACITY ASSESSMENT

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Martin Pringle Attorney at Law

Amount: \$8,894

WSU AMERICORPS VISTA AMENDMENT

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Corp for National & Community Srv

Amount: \$17,900

KANCARE OMBUDSMAN VOLUNTEER PROGRAM AMENDMENT 1

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Department on Aging-Kansas / Dept of Health and Human Services

Amount: \$406,015

IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE & STROKE (CDC 1815)

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$95,000

IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE & STROKE (CDC 1817)

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$35,000

TITLE XIX MEDICAID CONTRACT FOR TECHNICAL ASSISTANCE, TRAINING AND EVALUATION SERVICES

PI/Department: Scott Wituk, Community Engagement Institute

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

Amount: \$2,398,220

MEDICAID MANAGED CARE FINAL RULE NETWORK ADEQUACY TECHNICAL ASSISTANCE, STAKEHOLDER ENGAGEMENT, AND EVALUATION SERVICES (STATE MATCH)

PI/Department: Scott Wituk, Community Engagement Institute

Sponsor: Dept of Health & Environment-Kansas

Amount: \$63,782

FUNDING OPPORTUNITIES

For access to [WSU's Pivot](#) account to search for funding opportunities, please sign up and affiliate with Wichita State University using your WSU email address. To request assistance with a customized searching please contact funding@wichita.edu. 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. **Focused Funding Opportunities**

Funding Agency: Institute of International Education

Title: [Institute of International Education's Scholar Rescue Fund \(IIE-SRF\)](#)

Application Deadline: September 28, 2020

Purpose: The IIE-SRF “arranges and funds fellowships for threatened and displaced scholars at partnering higher education institutions worldwide. These year-long fellowships of \$25,000 support temporary academic positions at institutions of higher learning anywhere in the world where IIE-SRF fellows can continue their work in safety.”

Amount: \$25,000

Funding Agency: American Chemical Society Committee on International Activities

Title: [Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy \(Pittcon\) Travel Grant](#)

Application Deadline: September 30, 2020

Purpose: “Applications will be accepted from early career chemists from Central Asia and the Caucasus Region to win a travel award to attend PITTCON 2021 in New

Orleans, Louisiana, USA from 6 - 10 March, 2021. Applicants do not need to be currently residing in their country of origin to be eligible; citizens of target countries who are serving as visiting scholars or in other capacities within the U.S. are especially encouraged to apply.”

Amount: Travel, conference registration, lodging

Funding Agency: Clif Bar Family Foundation

Title: Small Grants

Application Deadline: October 1, 2020; February 1, 2021

Purpose: “Priority is given to applicants that: Address our funding priorities from a holistic perspective* Protect Earth's beauty and bounty, Create a robust, healthy food system, Increase opportunities for outdoor activity, Reduce environmental health hazards, Build stronger communities.”

Amount: \$7,000

Funding Agency: Whitehall Foundation

Title: Research Grants and Grants-in-Aid

Application Deadline: Letters of Intent due October 1, 2020 with full applications (if invited) due February 15, 2021.

Purpose: “The Whitehall Foundation, through its program of grants and grants-in-aid, assists scholarly research in the life sciences. It is the Foundation's policy to assist those dynamic areas of basic biological research that are not heavily supported by Federal Agencies or other foundations with specialized missions. In order to respond to the changing environment, the Whitehall Foundation periodically reassesses the need for financial support by the various fields of biological research. The Foundation is currently interested in basic research in neurobiology, defined as follows: Invertebrate and vertebrate (excluding clinical) neurobiology, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior. The overall goal should be to better understand behavioral output or brain mechanisms of behavior. The Foundation does not support research focused primarily on disease(s) unless it will also provide insights into normal functioning.”

Amount: Research Grants are between \$30,000-\$75,000 per year; Grants-in-Aid are up to \$30,000 for one year period only.

Funding Agency: Robert Wood Johnson Foundation

Title: [Community Solutions for Health Equity](#)

Application Deadline: Letters of Intent are due October 7, 2020; if invited, Full Proposals will be due January 18, 2021.

Purpose: “Consumer groups and community-based organizations bring a deep understanding of community needs, assets, and culture to health care ecosystem work. The health care ecosystem includes the full spectrum of organizations and social structures that impact a person’s health and health care. Too often, the priorities of health care systems (hospitals, providers, and insurers) do not line up with the priorities of community-based organizations and the consumers living in the communities to whom the health care systems are providing service.”

Amount: \$300,000 over three years.

Funding Agency: Anthem Foundation

Title: [Program Grants](#)

Application Deadline: Ongoing

Purpose: “The Anthem Foundation funds specific public health-related initiatives that address disparities and social determinants that can positively affect conditions identified through our signature Healthy Generations program.”

Amount: Not Specified

Funding Agency: Amazon Science

Title: [Amazon Research Awards Call for Proposals](#)

Application Deadline: October 11, 2020

Purpose: “Awards are structured as unrestricted gifts to the principal investigator's academic institution or organization and as such, Amazon retains no intellectual

property rights to the resulting work. Recipients are encouraged to publish outcomes and commit related code to open-source repositories. Recipients are assigned an Amazon research contact who offers consultation and advice along with opportunities to participate in Amazon events and training sessions.” Topics include: 1) AI for Information Security, 2) Alexa Fairness in AI, 3) AWS AI, 4) AWS Automated Reasoning, and 5) Robotics.

Amount: \$70,000-\$80,000 with additional AWS Promotional Credits

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

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

Application Deadline: Standard Due Dates – next due date is October 16, 2020

Purpose: “This FOA encourages research on the biology of high confidence risk factors associated with complex brain disorders, with a focus on the intracellular, transcellular and circuit substrates of neural function. For the purposes of this FOA, the term “complex” can refer to a multifactorial contribution to risk (e.g., polygenic and/or environmental) and/or highly distributed functional features of the brain disorder. Studies may be either hypothesis-generating (unbiased discovery) or hypothesis-testing in design and may utilize in vivo, in situ or in vitro experimental paradigms, e.g., model organisms or human cell-based assays. While behavioral paradigms and outcome measures can be incorporated into the research design to facilitate the characterization of intracellular, transcellular and circuit mechanisms, these are neither required nor expected. Studies should not attempt to “model” disorders but instead should aim to elucidate the neurobiological impact of individual or combined risk factor(s), such as the affected molecular and cellular components and their relationships within defined biological process(es). This can include the fundamental biology of these factors, components and processes. The resulting paradigms, component pathways and biological processes should be disseminated with sufficient detail to enrich common and/or federated data resources (e.g., those contributing to the Gene Ontology, Synaptic Gene Ontology, FAIR Data Informatics) in order to bridge the gap between disease risk factors, biological mechanism and therapeutic target identification.”

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

Funding Agency: National Geographic Society

Title: Recovery of Species on the Brink of Extinction

Application Deadline: October 21, 2020

Purpose: “The mandate of the IUCN Species Survival Commission (SSC) is to “stimulate, promote and support conservation actions for halting biodiversity decline, preventing species’ extinctions, and restoring and conserving intact habitats and ecosystems, both on the ground and in the water”. In partnership with the IUCN SSC and Fondation Segré, the goal of this request for funding is to halt further biodiversity decline by implementing conservation plans for species and groups of species. We will support priorities of IUCN SSC Species Conservation Plans as well as conservation actions that are endorsed by the relevant IUCN SSC Species Specialist Group. Currently, we are not supporting biodiversity assessments or conservation planning activities.”

Amount: Typical proposal requests should be less than \$30,000; however, applicants may request up to \$50,000. Successful applicants may use awarded funds over one or two years.

National Institutes of Health

Title: Aging, Cancer-Initiating Cells, and Cancer Development (U01 Clinical Trial Not Allowed)

Application Deadline: October 27, 2020 and February 17, 2021

Purpose: “Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) and the National Institute on Aging (NIA) intend to advance the current understanding of the mechanistic factors and cellular interactions during aging that contribute to cancer initiation. Collaborations are strongly encouraged between scientists in the fields of aging biology and cancer biology. Applications should address key questions regarding how hallmarks of aging that lead to impaired cellular activities (metabolic alterations, proteostasis, epigenetic changes, and DNA repair) and alterations in the microenvironment (inflammation and immunosenescence) contribute to the development and outgrowth of cancer-initiating cells (CICs).”

Amount: \$300,000 per year in direct costs, up to five years

Funding Agency: Kansas Corn Commission

Title: Proposals for the Kansas Corn Commission for Fiscal Year 2022

Application Deadline: November 6, 2020. Email proposals@wichita.edu to receive a copy of the Request for Proposals solicitation.

Purpose: “The Kansas Corn Commission is soliciting research and education Proposals for FY 2022. Proposals are due at the Commission by November 6, 2020. An individual may be listed as lead principal investigator on only one proposal but may be a secondary principal investigator on multiple proposals. Please note that the following topics are of significant importance and Proposals identifying these topics are more likely to receive funding: 1) Value-Added Projects, 2) Market Education and Transportation, 3) Production and Environmental Programs, 4) Teacher Education.”

Amount: Undetermined

Funding Agency: National Science Foundation

Title: [Dynamic Language Infrastructure - NEH Documenting Endangered Languages \(DLI-DEL\)](#)

Application Deadline: November 18, 2020 and February 15, 2021

Purpose: “This funding partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) supports projects to develop and advance knowledge concerning dynamic language infrastructure in the context of endangered human languages—languages that are both understudied and at risk of falling out of use. Made urgent by the imminent loss of roughly half of the approximately 7,000 currently used languages, this effort aims to exploit advances in human-language technology to build computational infrastructure for endangered language research. The program supports projects that contribute to data management and archiving, and to the development of the next generation of researchers. Funding can support fieldwork and other activities relevant to the digital recording, documentation and analysis, and archiving of endangered language data, including the preparation of lexicons, grammars, text samples, and databases. Funding will be available in the form of one- to three-year senior research grants and conference proposals. Fellowship support will remain available but will be administered by NEH. <https://www.neh.gov/grants/preservation/documenting-endangered-languages>”

Amount: Senior Research and Conference Projects: Up to \$450,000 for up to three years. Funding will be available in the form of one- to three-year senior research grants, in addition to conference proposals. Collaborative Senior Research projects should not exceed the \$450,000 limit.

Funding Agency: Environmental Protection Agency

Title: [Innovative Ways to Destroy PFAS Challenge](#)

Application Deadline: November 23, 2020

Purpose: “EPA is partnering with the U.S. Department of Defense’s Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP); the Environmental Council of States (ECOS) and the Environmental Research Institute of the States (ERIS); Michigan Department of Environment, Great Lakes & Energy; and Colorado Department of Public Health & Environment, to co-sponsor a technical challenge regarding the destruction of per- and polyfluoroalkyl substances (PFAS). The challenge asks solvers to submit detailed plans for a non-thermal way of destroying PFAS in concentrated film forming foam (AFFF), while creating the least amount of potentially harmful byproducts.”

Amount: \$30,000 minimum

Funding Agency: NASA

Title: [C.19 Planetary Science Early Career Award Program](#)

Application Deadline: December 8, 2020

Purpose: “The Planetary Science Early Career Award (ECA) program supports the professional development of outstanding early-career scientists in areas relevant to the Planetary Science Division (PSD). Support from this program will allow promising individuals to play an increasing and meaningful role in the planetary science community.”

Amount: \$200,000

Funding Agency: National Endowment for the Humanities

Title: [Public Scholars](#)

Application Deadline: December 16, 2020

Purpose: “The Public Scholars program supports the creation of well-researched nonfiction books in the humanities written for the broad public. It does so by offering grants to individual authors for research, writing, travel, and other activities leading to publication. Writers with or without an academic affiliation may apply, and no advanced degree is required. The program is intended both to encourage non-academic writers to deepen their engagement with the humanities by strengthening the research underlying

their books and to encourage academic writers in the humanities to communicate the significance of their research to the broadest possible range of readers.”

Amount: \$5,000 per month

***** LIMITED *** Funding Agency: Health Services and Research Administration (HRSA)**

Title: [Rural Health Network Development Planning Program](#)

Application Deadline: ***Limited*** Because WSU may only submit one proposal, Notices of Intent to apply must be sent to proposals@wichita.edu by Monday, October 5th at 12noon, in case an internal competition is needed. Full Application (if selected) to be due November 16, 2020.

Purpose: “The purpose of the Network Planning Grants Program is to promote the development of integrated health care networks in order to: (i) achieve efficiencies; (ii) expand access to, coordinate, and improve the quality of basic health care services; and (iii) strengthen the rural health care system as a whole. This program brings together key parts of a rural health care delivery system, particularly those entities that may not have collaborated in the past, to work together to establish or improve local capacity and coordination of care. The grant program supports one year of planning to develop and assist integrated health care networks in becoming operational.” Note, there is a technical assistance webinar scheduled for potential applicants on October 7, 2020. See funding opportunity for additional details.

Amount: \$100,000

Funding Agency: National Science Foundation

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

Application Deadline: Varies by topic.

Advanced Manufacturing – proposals accepted anytime

Applied Mathematics – Nov 1-16, 2020

Archaeology and Archaeometry – July 1 and December 20 annually

Astronomy and Astrophysics – Oct 1-Nov 16, 2020

Biological Anthropology – July 20 and Jan 20 annually

Biomechanics and Mechanobiology – proposals accepted anytime

Biophotonics – proposals accepted anytime

Biosensing – proposals accepted anytime

Cellular and Biochemical Engineering – proposals accepted anytime

Chemistry – Sept 1-30, 2020 or Oct 1-Nov 2, 2020

Computational & Data-Enabled Science and Engineering - Varies

Cultural Anthropology – Aug 15 and Jan 15 annually

Ecology and Evolution of Infectious Diseases – Nov 18, 2020

Economics – Aug 18 and Jan 18 annually

Energy, Power, Control, and Networks – proposals accepted anytime

Engineering of Biomedical Systems – proposals accepted anytime

Environmental Biology – proposals accepted anytime

Environmental Engineering – proposals accepted anytime

Environmental Sustainability – proposals accepted anytime

Geophysics – proposals accepted anytime

Mathematical Biology – Aug 20-Sept 6, 2021

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

Methodology, Measurement, and Statistics –Jan 28, 2021

Molecular and Cellular Biosciences – proposals accepted anytime

Physics – Varies by topic

Secure & Trustworthy Cyberspace – proposals accepted anytime

Security and Preparedness – Aug 15 and Jan 15 annually

Smart and Connected Health – Dec 11 annually

Social Psychology – July 15 and Jan 15 annually

Sociology – Aug 15 and Jan 15 annually

Statistics – Dec 1-15 annually

Funding Agency: National Science Foundation

Title: [NSF Special Programs](#)

Application Deadline: Varies by topic – click each topic to learn more about these special program opportunities.

[Broadening Participation in Engineering \(BPE\)](#) –accepted anytime

[Computer Science for All \(CSforAll: Research and RPPs\)](#) – Feb 10, 2021

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

[Critical Aspects of Sustainability \(CAS\)](#) –accepted anytime

[Earth Sciences: Instrumentation and Facilities Program](#) –accepted anytime

[Ethical and Responsible Research \(ER2\)](#) – Feb 22 annually

[Expeditions in Computing](#) – Varies by topic

[Mathematical Sciences Infrastructure Program](#) –Dec 15 annually

[Robert Noyce Teacher Scholarship Program](#) – Aug 31, 2021

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

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#) – Sept 30, 2020

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

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

[A Science of Science Policy Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SCISIPBIO\)](#) – Feb 9, 2021

[Research Training Groups in the Mathematical Sciences \(RTG\)](#) – Jun 1, 2021

EDUCATION / TRAINING

Preparing a Competitive NSF-GRFP Application: September 22, 2020

The National Science Foundation's Graduate Research Fellowship Program (NSF-GRFP) is one of the most prestigious programs to recognize and support outstanding graduate students. The NSF-GRFP is open to 1st-year domestic graduate students and undergraduate seniors in a STEM discipline who are (or will be) pursuing a research-based master's or doctoral degree. The five-year fellowship includes three years of financial support including an annual stipend of \$34,000 and a cost of education allowance of \$12,000 to the institution. This webinar and panel discussion is open to both students and their faculty mentors. Presenter: Coleen Pugh, Dean of the Graduate School and AVP for Research, along with a panel of prior graduate student winners and faculty mentors of prior winners; September 22, 2020, 5:30-6:30pm, Online, Via Zoom.

Request the link to attend.

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

Wichita State University is partnering with Hanover Research to provide faculty with three webinars designed to increase your grant-writing success and research competitiveness. These webinars build upon our in-house workshop series, and attendance therefore requires participation in one or more previous WSU Office of Research workshops, such as one of those offered on October 2, or prior approval from [Fran Cook, Training Manager](#). If there is sufficient need, an additional WSU workshop will be added prior to the Hanover webinars.

- **Grants for Clinical & Health Sciences Faculty Webinar** - Friday, October 30, 2020, 10am - 12pm. An overview of agencies and opportunities specific to health sciences/clinical faculty (e.g. NIH, HRSA, PCORI), followed by a grant consultant panel with expertise in this area.
- **Building Your Research Career Webinar** - Friday, October 30, 2020, 1:30pm – 3:30pm. Topics will include: an overview of research opportunities for mid-career faculty, how to get back into research after a pause, incremental funding strategies, and program officer outreach.
- **Good vs Fundable Proposals Webinar** - Friday, January 22, 2021, 10am - 12pm. This training will explore the difference between a good project and a fundable one, with

particular emphasis on how to speak to funders' expectations around innovation. A panel of grant consultants from a range of backgrounds will follow.

- **Faculty Consultations** - Friday, January 22, 2021 - If you register and attend one or more of the Hanover webinars on October 30th or January 22nd, you will have a chance to receive a one-on-one consultation with a grant consultant expert from Hanover Research, who specializes in your area of research. Only eight slots are available and faculty (or groups of faculty with similar interests) must provide a white paper in advance of the Faculty Consultation to be considered for this opportunity.

Email proposals@wichita.edu to Register for Hanover Workshops

WSU Office of Research Workshop: October 2, 2020

Join Fran Cook of the WSU Office of Research for a one-hour Zoom workshop, Friday, October 2, 2020. Topics will include 1) WSU research office resources and contacts, 2) finding funding, 3) project budgeting and 4) grant-writing tips with time for questions and answers. Two workshops will be held (choose either 1:30-2:30pm or 3:00-4:00pm).

Email proposals@wichita.edu to receive login information.

How to Engage with the Air Force Research Laboratory (AFRL) Webinar: Thursday, October 15, 2020

A 2-hour webinar event for universities interested in working with AFRL: Thursday, October 15, 2020 — How to Engage with the AFRL Research Ecosystem: International Edition, a global event for universities interested in working with AFRL. The webinar will be offered twice with showings at: 8-10 AM EDT & 5-7 PM EDT. This second webinar in the series, will bring you a closer look at the Air Force Research Laboratory (AFRL) International Research Enterprise. This 2-hour event is an opportunity for international and AFRL researchers to learn about the funding and partnership opportunities available through the Air Force Office of Scientific Research International Office: 1) Subject matter experts will be available LIVE to answer your questions and guide you to resources, 2) Attendees will leave with a better understanding of how AFRL invests in the advancement of science and contributes to the international S&T community, 3) Get tips and resources from subject matter experts on applying for funding and building lasting relationships in the research ecosystem, and 4) Speakers include subject matter experts from our international offices and partners.

Register for AFRL Webinar on October 15, 2020

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

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

Register to Attend the Virtual Conference for Free

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

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

2020 MPS Workshop Application to Attend / Website

NASA's Science Mission Directorate Seeks Volunteer Reviewers for Research Proposals

NASA's Science Mission Directorate is seeking subject matter experts to serve as external (email) and/or virtual panel reviewers of proposals to the "ROSES" research solicitation. Fill out the reviewer volunteer forms and click the boxes to indicate the topics in which you consider yourself to be a subject matter expert. If your skills match NASA's needs for that review and there are not too many organizational conflicts of interest, NASA will contact you to discuss scheduling. This is an excellent opportunity if

you are new to research at NASA and would like to learn more about applying for funding.

[Volunteer to Serve as a Proposal Reviewer for NASA](#)

PCORI Research Fundamentals

PCORI (Patient-Centered Outcomes Research Institute) recently announced a new, free, on-demand comprehensive training that offers different ways to learn about the health research process and be involved in patient-centered outcomes research.

View [PCORI Research Fundamentals](#)

CITI Course: COVID-19: Back to Campus (Fall 2020)

This CITI course regarding COVID-19 and preparing to return to campus is free with your WSU CITI account now through October 1, 2020.

Create an account and affiliate with WSU at the [CITI website](#).

NASA SBIR-STTR Innovation & Opportunity Conference

Save the Date: NASA's 2020 Innovation & Opportunity Conference will be held virtually from October 20-22. This event will provide you with resources, engagement opportunities, and actionable next steps towards transitioning your technology – whether you are just starting your SBIR/STTR journey or ready for a Phase III.

View [NASA Small Business \(SBIR-STTR\) Website](#)