MSU TEXAS
MIDWESTERN STATE UNIVERSITY

Office of Sponsored Programs and Research Funding Announcements

July 16, 2018

The Office of Sponsored Programs and Research (OSPR) is pleased to provide the following information about available funding opportunities. This bulletin is not meant to be a one-stop shop for funding sources; rather, it represents a selection of current funding opportunities that may be of interest to faculty, administrators, and staff at Midwestern State University. The program title hyperlink* will direct you to the complete opportunity listing on SPIN if you are on a campus network computer. The program URL link will direct you to the program sponsor from any internet connected device.

Don't forget to check the Miscellaneous section for opportunities that could apply to multiple disciplines and the Interdisciplinary section for collaborative opportunities.

HOW TO APPLY

If you are interested in applying for these or any other grants, please:

- Submit a Notice of Intent to Apply Form to OSPR at least 30 days before the deadline, and
- Submit a Proposal Review and Endorsement Form with the completed application at least 5 business days before the deadline.

You can find forms and other helpful grant development resources on the Forms and Templates page of the OSPR website. If you have any questions, please contact research administrator Brittany Norman at ext. 4714 or sponsoredprograms@mwsu.edu.

QUICK LINKS

Arts, Humanities, and Social Sciences

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Archives of the OSPR Funding Announcements

ARTS, HUMANITIES, AND SOCIAL SCIENCES

NEW OPPORTUNITY

Program Title: Humboldt Yale History Network Travel Grants
Sponsor: Alexander Von Humboldt Foundation/Yale University
Program URL: Humboldt Yale History Network Travel Grants
Deadline: Aug. 1, 2018
The Humboldt Yale History Network aims to assemble and sustain a global research network of historians. To that end, the network will offer a series of travel grants over the coming years. This year we are pleased to offer up to 10 short-term research grants of between $1,000 and $4,000 to support travel (for up to three months) to or within Europe for research on topics in the following areas: European history, Middle Eastern history, global early modern history, the history of empires, and environmental history. We encourage applications for projects that cut across geographies, chronologies, and methods.

NEW OPPORTUNITY

Program Title: THECB Open Educational Resources Grant Program
Sponsor: Texas Higher Education Coordinating Board (THECB)
Program URL: THECB Open Educational Resources Grant Program
Deadline: Aug. 10, 2018 [Letter of Inquiry: Required]; Aug. 20, 2018 [Full application]
The purpose of the Open Educational Resources Grant is to award up to twenty (20) grants that will encourage faculty at institutions of higher education to adopt, modify, redesign, or develop courses that use only open educational resources. An Open Educational Resource is a teaching, learning, or research resource that is in the public domain or has been released under an intellectual property license that permits the free use, adaptation, and redistribution of the resource by any person. The statutory authority for the Open Educational Resources Grant Program is found in Texas Education Code (TEC), Section 61.0668. Texas Administrative Code (TAC) Rules 4.230-4.238 govern the program. The Texas Higher Education Coordinating Board encourages applications from all eligible faculty members. Eligible projects will be comprised of open educational resources for a complete course, which will require only open educational resources and is a lower-division course offered within the Texas General Education Core Curriculum.

Program Title: Artist's Fellowship
Sponsor: Southeastern College Art Conference
Program URL: SECAC Artist's Fellowship
Deadline: Aug. 14, 2018
SECAC is an organization devoted to the promotion of art in higher education through facilitating cooperation among teachers and administrators in universities and colleges, professional institutions and the community served by their institutions. The SECAC Fellowship was established for the purpose of supporting member artists and to encourage individual creative growth, the development of new ideas for exhibitions and creative projects.

Program Title: Irish Museum of Modern Art International Residency

Sponsor: Irish Museum of Modern Art (IMMA)

Program URL: IMMA Residency

Deadline: Aug. 15, 2018

IMMA's international residencies support process and research based practices and invites interested candidates to demonstrate through application how this opportunity would expand, complement and/or challenge their artistic development in a timely and transformative way. Through its residency programme IMMA supports research and production to encourage dialogues with various publics, museum programming and the wider cultural activities in Ireland. IMMA welcomes proposals which engage the national / international contexts of the museum, opening new perspectives to diversify the role of the museum and assist access to creative and critical processes for public and peers alike.

HIGH PRIORITY

Program Title: Humanities Connections Planning Grants

Sponsor: National Endowment for the Humanities

Program URL: Humanities Connections

Deadline: Sep. 20, 2018

The Humanities Connections grant program seeks to expand the role of the humanities in undergraduate education at two- and four-year institutions. Grants will support innovative curricular approaches that foster productive partnerships among humanities faculty and their counterparts in the social and natural sciences and in pre-service or professional programs (such as business, engineering, health sciences, law, computer science, and other technology-driven fields).

HIGH PRIORITY

Program Title: NEH Summer Stipends

Sponsor: National Endowment for the Humanities

Program URL: Summer Stipends

Deadline: Sep. 26, 2018

This is a limited submission opportunity. Please contact OSPR before beginning work on an application.

Summer Stipends support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Eligible projects usually result in articles, monographs, books, digital materials and publications, archaeological site reports, translations, or editions. Projects must not result solely in the collection of data; instead they must also incorporate analysis and interpretation. Summer Stipends support continuous full-time work on a humanities project for a period of two consecutive months. Summer Stipends support projects at any stage of development.

Program Title: Craft Research Fund: Exhibition Research Grants
Sponsor: Center for Craft, Creativity and Design
Program URL: Exhibition Research Grants
Deadline: Oct. 19, 2018
The Center for Craft's Craft Research Fund grant program has advanced and expanded research about craft in the United States. The program supports innovative research on critical issues in craft theory and history, explores the inter-relationship among craft, art, design and contemporary culture, and fosters new cross-disciplinary approaches to scholarship in the craft field.

Program Title: Liberal Arts and the Professions
Sponsor: The Teagle Foundation
Program URL: Liberal Arts and the Professions
Deadline: N/A
For details, please see the full opportunity listing in the Interdisciplinary section of this bulletin.

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BUSINESS ADMINISTRATION

NEW OPPORTUNITY

Program Title: [Agriculture and Food Research Initiative: Crosscutting Programs](#)
Sponsor: National Institute of Food and Agriculture/Department of Agriculture
Program URL: [Agriculture and Food Research Initiative](#)
Deadline: N/A—letters of intent for this program are accepted any time.

The AFRI Foundational Program is offered to support grants in the six AFRI priority areas to continue building a foundation of knowledge critical for solving current and future societal challenges. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Single-function Research Projects, multi-function Integrated Projects, and Food and Agricultural Science Enhancement (FASE) Grants are expected to address one of the Program Area Priorities. The purpose of the Agriculture and Food Research Initiative (AFRI) is to support research, education, and extension work by awarding grants to solve key problems of local, regional, national, and global importance in sustaining conventional, organic, and urban agricultural systems.

NEW OPPORTUNITY

Program Title: [Liberal Arts and the Professions](#)
Sponsor: The Teagle Foundation
Program URL: [Liberal Arts and the Professions](#)
Deadline: N/A

For details, please see the full opportunity listing in the [Interdisciplinary](#) section of this bulletin.

HIGH PRIORITY

Program Title: [Economics](#)
Sponsor: NSF Division of Social and Economic Sciences
Program URL: [Economics](#)
Deadline: Aug. 20, 2018

The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance.

Program Title: [Decision, Risk and Management Sciences (DRMS)](#)
Sponsor: Division of Social and Economic Sciences/NSF
Program URL: [Decision, Risk, and Management Science Program](#)
Deadline: Aug. 20, 2018
The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society. Grants and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design.

Program Title: [Agriculture and Food Research Initiative - Foundational Program - Agricultural Economics and Rural Communities (AERC) - Economics, Markets and Trade](#)
Sponsor: National Institute of Food and Agriculture/Department of Agriculture
Program URL: [AERC](#)
Deadline: Aug. 30, 2018
The Economics, Markets and Trade program area priority encourages the development of theories, methods and applications of economics. It encourages applications in the following broad areas: agricultural market structure and performance; international trade; agricultural production and resource use; consumer behavior; farm labor and immigration and policy; agricultural policy design and impacts; technology development and adoption; and science and innovation policy.

Program Title: [Agriculture Economics and Rural Communities (AERC)](#)
Sponsor: National Institute of Food and Agriculture/Department of Agriculture
Program URL: [AERC](#)
Deadline: Sep. 27, 2018
The Agriculture Economics and Rural Communities (AERC) supports rigorous social science research that informs decision making and policy design to enhance the sustainability of agricultural production systems, both conventional and organic, and related activities in rural areas, protect the environment, enhance quality of life, and alleviate poverty. Topical issues include, but are not limited to, the interactions between agriculture, environment and communities in rural areas; food security/insecurity; consumer preferences or behavior; decision-making under uncertainty; crop insurance; availability of credit and financing; market structure and performance; and policy design and impact.

Program Title: [Domestic Public Policy Program](#)
Sponsor: Richardson (Smith) Foundation, Inc.
Program URL: [Domestic Public Policy](#)
Deadline: N/A: Initial inquiries should be submitted by mail in the form of a concept paper.
For more information about this program, please see the [Interdisciplinary](#) section of this bulletin.

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EDUCATION

HIGH PRIORITY

Program Title: Robert Noyce Teacher Scholarship Program
Sponsor: Directorate for Education and Human Resources/NSF
Program URL: Noyce Program
Deadline: Aug. 28, 2018
The National Science Foundation Robert Noyce Teacher Scholarship Program seeks to encourage talented science, technology, engineering, and mathematics (STEM) majors and professionals to become K-12 mathematics and science (including engineering and computer science) teachers. The program invites creative and innovative proposals that address the critical need for recruiting and preparing highly effective elementary and secondary science and mathematics teachers in high-need local educational agencies.

NEW OPPORTUNITY

Program Title: Conference Grants for Advancing Education Research
Sponsor: Spencer Foundation
Program URL: Conference Grants for Advancing Education Research
Deadline: Sep. 4, 2018
The Spencer Foundation's Conference Grant program is designed to provide support to scholars for small research conferences and focused symposia. The conference grant program intends to bring together researchers whose substantive knowledge, theoretical insight, and methodological expertise can be assembled in ways that build upon and advance best practices in education research. Through this grant program, the Foundation rotates the area of focus periodically to generate fresh ideas and perspectives on pressing educational challenges. This grant program supports conference proposals with budgets of $50,000 or less. We currently seek proposals from scholars whose interests are related to understanding education and learning in connection with broader social challenges.

NEW OPPORTUNITY

Program Title: Spencer Research Awards: Advancing Understanding of Education Practice and its Improvement
Sponsor: Spencer Foundation
Program URL: Lyle Spencer Research Awards
Deadline: Oct. 2, 2018 [Letter of intent: required]
The Lyle Spencer Research Awards Program is intended to support intellectually ambitious research oriented to improving the practice of education, independent of any particular reform agendas or methodological strictures. It supports projects with budgets up to $1 million. In this program, we envision a large-minded conception of educational practice that encompasses formal and informal learning as well as the institutional, policy, and normative frameworks that influence and are influenced by learning and developmental processes.

Program Title: [Discovery Research K-12 (DR-K12)](#)
Sponsor: Directorate for Education and Human Resources/NSF
Program URL: [Discovery Research K-12](#)
Deadline: Nov. 14, 2018

The Discovery Research PreK-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics and computer science (STEM) by preK-12 students and teachers, through research and development of STEM education innovations and approaches. Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Projects should result in research-informed and field-tested outcomes and products that inform teaching and learning. Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills. The DRK-12 program invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate radically different structures and functions of preK-12 teaching and learning.

Program Title: [Liberal Arts and the Professions](#)
Sponsor: The Teagle Foundation
Program URL: [Liberal Arts and the Professions](#)
Deadline: N/A

For details, please see the full opportunity listing in the [Interdisciplinary](#) section of this bulletin.

Program Title: [Science Education Grants Program](#)
Sponsor: Amgen Foundation, Inc.
Program URL: [Science Education Grants](#)
Deadline: N/A

The Foundation is committed to raising the value of science literacy on a national and local level. The areas given priority consideration within science education are: Teacher quality and professional development in math and science: Comprehensive programs that enhance the quality of math and science teachers entering the classroom, and support teachers with meaningful professional-development opportunities that have a positive impact on student achievement, and

Pivotal hands-on science experience: Support programs that provide students and teachers with opportunities for hands-on, inquiry-based learning experiences that significantly impact students' excitement about science and scientific careers.

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HEALTH SCIENCES AND HUMAN SERVICES

NEW OPPORTUNITY

Program Title: NIMH Career Enhancement Award to Advance Autism Services Research for Adults and Transition-Age Youth

Sponsor: National Institutes of Health/DHHS

Program URL: NIMH Career Enhancement Award to Advance Autism Services Research for Adults and Transition-Age Youth

Deadline: Sep. 22, 2018 [Letter of Intent]; Oct. 22, 2018 [Full]

National Institute of Mental Health (NIMH) invites applications from experienced investigators seeking to redirect or expand their research programs through the acquisition of new skills and knowledge in the area of autism services research for adults and transition-age youth, which is beyond and complementary to their current areas of expertise. The program will support research training and career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to conduct research relevant to services for adults or transition-age youth with Autism Spectrum Disorders. Eligible candidates are independent investigators at any faculty rank or level. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor.

NEW OPPORTUNITY

Program Title: NIH Small Research Grant Program

Sponsor: National Institutes of Health/DHHS

Program URL: NIH Small Research Grant Program

Application Deadline: Oct. 16, 2018

The NIH Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program 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. This Funding Opportunity Announcement does not accept applications proposing clinical trial(s).

NEW OPPORTUNITY

Program Title: Prevention Research in Mid-Life Adults

Sponsor: National Institute of Nursing Research/NIH/DHHS

Program URL: Prevention Research in Mid-Life Adults

Deadline: Oct. 16, 2018; **next deadline:** Feb. 16, 2018

National Institute of Nursing Research (NINR) and National Institute on Aging (NIA) invite applications for research on mid-life adults (those 50 to 64 years of age) that can inform efforts to optimize health and wellness as individuals age, and prevent illness and disability in later years.

Program Title: [Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences](#)
Sponsor: NSF/NIH
Program URL: [DMS/NIGMS](#)
Deadline: Oct. 18, 2018
The Division of Mathematical Sciences (DMS) in the Directorate for Mathematical and Physical Sciences (MPS) at the National Science Foundation (NSF) and the National Institute of General Medical Sciences (NIGMS) at the National Institutes of Health (NIH) plan to support fundamental research in mathematics and statistics necessary to answer questions in the biological and biomedical sciences. Both agencies recognize the need to promote research at the interface between mathematical and life sciences.

Program Title: [Academic Research Enhancement Award for Undergraduate-Focused Institutions](#)
Sponsor: National Institutes of Health/DHHS
Program URL: [AREA: Undergraduate-Focused Institutions](#)
Deadline: Oct. 25, 2018
National Institute of General Medical Sciences (NIGMS) invites applications for the Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions. The purpose of the award is to support small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing biomedical research experiences primarily for undergraduate students, and enhancing the research environment at these applicant institutions. Eligible institutions must award baccalaureate science degrees, and have received less than 6 million dollars per year of NIH support (total costs) in 4 of the last 7 fiscal years.

Program Title: [Liberal Arts and the Professions](#)
Sponsor: The Teagle Foundation
Program URL: [Liberal Arts and the Professions](#)
Deadline: N/A
For details, please see the full opportunity listing in the [Interdisciplinary](#) section of this bulletin.

Program Title: [Domestic Public Policy Program](#)
Sponsor: Richardson (Smith) Foundation, Inc.
Program URL: [Domestic Public Policy](#)
Deadline: N/A: Initial inquiries should be submitted by mail in the form of a concept paper.
For more information about this program, please see the [Interdisciplinary](#) section of this bulletin.

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SCIENCE, MATHEMATICS, AND ENGINEERING

NEW OPPORTUNITY

Program Title: Beckman Young Investigators Program
Sponsor: Beckman Foundation
Program URL: Beckman Young Investigators
Deadline: Aug. 6, 2018 [Letter of Intent]
The Beckman Young Investigator (BYI) Program provides research support to the most promising young faculty members in the early stages of their academic careers in the chemical and life sciences, particularly to foster the invention of methods, instruments and materials that will open up new avenues of research in science. Projects proposed for the BYI program should be truly innovative, high-risk, and show promise for contributing to significant advances in chemistry and the life sciences. They should represent a departure from current research directions rather than an extension or expansion of existing programs. Proposed research that cuts across traditional boundaries of scientific disciplines is encouraged. Proposals that open new avenues of research in chemistry and life sciences by fostering the invention of methods, instruments and materials will be given additional consideration. The BYI program is open to those within the first three years of a tenure-track position, or an equivalent independent research appointment, at a United States academic or non-profit institution that conducts research in chemical and life sciences. Tenure Track Start Date for the 2019 program must be **after**: 8/15/2015.

NEW OPPORTUNITY

Program Title: THECB Open Educational Resources Grant Program
Sponsor: Texas Higher Education Coordinating Board (THECB)
Program URL: THECB Open Educational Resources Grant Program
Deadline: Aug. 10, 2018 [Letter of Inquiry: Required]; Aug. 20, 2018 [Full application]
The purpose of the Open Educational Resources Grant is to award up to twenty (20) grants that will encourage faculty at institutions of higher education to adopt, modify, redesign, or develop courses that use only open educational resources. An Open Educational Resource is a teaching, learning, or research resource that is in the public domain or has been released under an intellectual property license that permits the free use, adaptation, and redistribution of the resource by any person. The statutory authority for the Open Educational Resources Grant Program is found in Texas Education Code (TEC), Section 61.0668. Texas Administrative Code (TAC) Rules 4.230-4.238 govern the program. The Texas Higher Education Coordinating Board encourages applications from all eligible faculty members. Eligible projects will be comprised of open educational resources for a complete course, which will require only open educational resources and is a lower-division course offered within the Texas General Education Core Curriculum.

NEW OPPORTUNITY

Program Title: [Enhancing Developmental Biology Research at Academic Research Enhancement Award (AREA) Eligible Institutions](#)

Sponsor: National Institutes of Health/DHHS

Program URL: [Enhancing Developmental Biology Research](#)

Deadline: Aug. 12, 2018 [LOI/Pre-app]; Sep. 18, 2018 [Full] *note: deadlines listed on SPIN are incorrect

The field of developmental biology encompasses investigations into the biological processes controlling both normal and abnormal development. In order to ensure that the field of developmental biology will attract the best and brightest minds, students need to be exposed to the excitement of the research enterprise at an early stage in their training. The AREA grants are intended to support small-scale developmental biology research projects proposed by faculty members of eligible, domestic institutions including many small, primarily undergraduate institutions. The intention is to create research opportunities for developmental biologists who otherwise would be unlikely to participate in NIH-funded research. Furthermore, this FOA encourages: (1) the use of novel or underutilized animal models in developmental biology research, and (2) enhanced exposure of undergraduate students (if available) to the basic concepts required to understand and conduct research on the molecular and cellular basis of embryonic development.

NEW OPPORTUNITY

Program Title: [Research Experiences for Undergraduates (REU)](#)

Sponsor: National Science Foundation

Program URL: [Research Experiences for Undergraduates (REU)](#)

Deadline: Aug. 22, 2018

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome.

NEW OPPORTUNITY

Program Title: [Dear Colleague Letter: STEM Education for the Future](#)

Sponsor: Directorate for Education and Human Resources/NSF

Program URL: [STEM Education for the Future](#)

Deadline: Deadlines vary by program/topic. See Program URL for details.

NSF invites proposals to solve educational challenges created by the technology revolution. To effectively respond to many of the problems facing our nation, new scientific advances are needed, as defined in the Big Ideas for Future NSF Investments. Achieving these advances will require changes in

what people learn and how they learn it. Through this STEM Education for the Future Dear Colleague Letter (DCL), existing NSF education and workforce development programs encourage innovative proposals to prepare scientists and engineers for work in new contexts created by technology and big data. Specifically, through this DCL, NSF aims to support STEM educational research and development projects whose results can enable our country to: better prepare its scientific and technical workforce for the future; use technological innovations effectively for education; advance the frontiers of science; and adapt to both new work environments and new education pathways needed to prepare students at all levels for those environments.

NEW OPPORTUNITY

Program Title: [Career Awards at the Scientific Interface (CASI)](#)
Sponsor: Burroughs Wellcome Fund
Program URL: [Career Awards at the Scientific Interface](#)
Deadline: Sep. 5, 2018 [LOI/Pre-App]
BWF's Career Awards at the Scientific Interface (CASI) provide $500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service. These grants are intended to foster the early career development of researchers who have transitioned or are transitioning from undergraduate and/or graduate work in the physical/mathematical/computational sciences or engineering into postdoctoral work in the biological sciences, and who are dedicated to pursuing a career in academic research. Scientific advances such as genomics, quantitative structural biology, imaging techniques, and modeling of complex systems have created opportunities for exciting research careers at the interface between the physical/computational sciences and the biological sciences. Tackling key problems in biology will require scientists trained in areas such as chemistry, physics, applied mathematics, computer science, and engineering.

HIGH PRIORITY

Program Title: [Sloan Research Fellowships](#)
Sponsor: Alfred P. Sloan Foundation
Program URL: [Sloan Research Fellowships](#)
Deadline: Sep. 17, 2018
Description: The Sloan Research Fellowships seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise. These two-year fellowships are awarded yearly to 126 researchers in recognition of distinguished performance and a unique potential to make substantial contributions to their field. Funds are awarded directly to the Fellow's institution and may be used by the Fellow for such purposes as equipment, technical assistance, professional travel, trainee support, summer salary, or any other activity directly related to the Fellow's research. Candidates must hold a tenure track (or equivalent) position at a college, university, or other degree-granting institution in the United States or Canada. Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics, or a related field; Candidates' most recent Ph.D. (or equivalent) must have been awarded on or after September 1, 2011.

Program Title: [Division of Chemistry: Disciplinary Research Programs](#)
Sponsor: Directorate for Mathematics and Physical Sciences/NSF
Program URL: [Division of Chemistry: Disciplinary Research Programs](#)
Deadline: Oct. 1, 2018 or Oct. 31, 2018 [Deadlines vary by discipline; see program URL for details]
CHE supports a large and vibrant research community engaged in fundamental discovery, invention, and innovation in the chemical sciences. The projects supported by CHE explore the frontiers of chemical science, develop the foundations for future technologies and industries that meet changing societal needs, and prepare the next generation of chemical researchers.

NEW OPPORTUNITY

Program Title: [Computer and Network Systems (CNS) Core Programs](#)
Sponsor: NSF
Program URL: [Computer and Network Systems (CNS): Core Programs](#)
Deadline: Oct. 2, 2018 [Large and medium projects]; Nov. 15, 2018 [Small projects]
CISE's Division of Computer and Network Systems (CNS) supports research and education projects that take a system-oriented approach to the development of novel computing and networking technologies, or to the enhancement of existing systems in any of several dimensions, or that explore new ways to make use of existing technologies.

NEW OPPORTUNITY

Program Title: [Dear Colleague Letter: Growing Convergence Research](#)
Sponsor: NSF
Program URL: [Growing Convergence Research](#)
Application Deadline: Oct. 15, 2018 [LOI/Pre-App]
Growing Convergence Research at the National Science Foundation (NSF) was identified in 2016 as one of 10 Big Ideas for Future NSF Investment. Research relying on convergence is needed to solve complex scientific and engineering problems that require integrating knowledge, methods, and expertise from different disciplines and forming novel frameworks to catalyze scientific discovery and innovation. NSF identifies Convergence Research as having two primary characteristics: research driven by a specific and compelling problem. Research requiring a convergence paradigm is generally inspired by the need to address a specific challenge or opportunity, whether it arises from deep scientific questions or pressing societal needs; deep integration across disciplines. As experts from different disciplines pursue common research challenges, their knowledge, theories, methods, data, research communities and languages become increasingly intermingled or integrated; and new frameworks, paradigms or disciplines can form from sustained interactions across multiple communities.

Program Title: ACS Undergraduate Research (UR) Grants

Sponsor: American Chemical Society

Program URL: ACS Undergraduate Research Grants

Deadline: Oct. 19, 2018

The goals of the American Chemical Society Petroleum Research Fund are: to support fundamental research in the petroleum field, and to develop the next generation of engineers and scientists through support of advanced scientific education. The Undergraduate Research (UR) grants program supports the research programs of established scientists and engineers at non-doctoral departments and provides financial support for students at those institutions to become involved in advanced research activities, in preparation for continued study in graduate school or employment. The Undergraduate Research (UR) grants program provides funding for scientists and engineers with established programs of research at non-doctoral departments. UR grants are used to illustrate proof of principle, i.e., feasibility, and accordingly, are to be viewed as seed money for generating preliminary results that can be used to apply for continuation funding from other agencies. Applicants may have limited or no preliminary results for a research project they wish to pursue.

Program Title: Office of Advanced Cyberinfrastructure (OAC) Research Core Program

Sponsor: Directorate for Computer and Information Sciences and Engineering/NSF

Program URL: Office of Advanced Cyberinfrastructure (OAC): Research Core Program Solicitation

Application Deadline: Nov. 15, 2018

The Office of Advanced Cyberinfrastructure (OAC) supports translational research and education activities in all aspects of advanced cyberinfrastructure (CI) that lead to deployable, scalable, and sustainable systems capable of transforming science and engineering research. Advanced CI includes the spectrum of computational, data, software, networking, and security resources, tools, and services, along with the computational and data skills and expertise, that individually and collectively can transform science and engineering. OAC supports advanced CI research to address new CI frontiers for discovery leading to major innovations, and supports the development and deployment processes, as well as expert services, necessary for realizing the research CI that is critical to the advancement of all areas of science and engineering research and education.

Program Title: Division of Physics: Investigator-Initiated Research Projects (PHY)

Sponsor: Directorate for Mathematical and Physical Sciences/NSF

Program URL: Division of Physics: Investigator-Initiated Research Projects (PHY)

Deadline: Nov. 28, 2018

The Division of Physics (PHY) supports physics research and the preparation of future scientists in the nation's colleges and universities across a broad range of physics disciplines that span scales of space

and time from the largest to the smallest and the oldest to the youngest. The Division is comprised of disciplinary programs covering experimental and theoretical research in the following major subfields of physics: Atomic, Molecular and Optical Physics; Computational Physics; Elementary Particle Physics; Gravitational Physics; Integrative Activities in Physics; Nuclear Physics; Particle Astrophysics; Physics of Living Systems; Plasma Physics (supported under a separate solicitation); and Quantum Information Science.

NEW OPPORTUNITY

Program Title: Liberal Arts and the Professions
Sponsor: The Teagle Foundation
Program URL: Liberal Arts and the Professions
Deadline: N/A
For details, please see the full opportunity listing in the Interdisciplinary section of this bulletin.

INTERDISCIPLINARY

NEW OPPORTUNITY

Program Title: [Liberal Arts and the Professions](#)
Sponsor: The Teagle Foundation
Program URL: [Liberal Arts and the Professions](#)
Deadline: N/A

This initiative has the goal of embedding liberal arts education throughout the curriculum of undergraduate professional programs by forging links between faculty in the liberal arts and professional fields. Such curricular integration will not only have a positive effect on how students in professional fields pursue their future work, but will also enrich the liberal arts curriculum itself with perspectives that merit sharing beyond the community of professional practitioners. Grants of varying amounts, ranging from $200,000 to $300,000 over a 24-36 month period, will be made for each funded project.

NEW OPPORTUNITY

Program Title: [Education and Human Resources (EHR) Core Research (ECR)](#)
Sponsor: Directorate for Education and Human Resources/NSF
Program URL: [EHR Core Research (ECR)](#)
Deadline: Sep. 13, 2018

The EHR Core Research (ECR) program of fundamental research in STEM education provides funding in critical research areas that are essential, broad and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following focal areas: STEM learning, STEM learning environments, STEM workforce development, and broadening participation in STEM. The ECR program is distinguished by its emphasis on the accumulation of robust evidence to inform efforts to (a) understand, (b) build theory to explain, and (c) suggest interventions (and innovations) to address persistent challenges in STEM interest, education, learning, and participation. The program supports advances in fundamental research on STEM learning and education by fostering efforts to develop foundational knowledge in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The ECR program will fund fundamental research on: human learning in STEM; learning in STEM learning environments, STEM workforce development, and research on broadening participation in STEM.

Program Title: Advancing Informal STEM Learning

Sponsor: Directorate for Education and Human Resources/NSF

Program URL: Advancing Informal STEM Learning

Deadline: Nov. 7, 2018

The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and engage the public of all ages in learning STEM in informal environments. The AISL program supports six types of projects: Pilots and Feasibility Studies; Research in Service to Practice; Innovations in Development; Broad Implementation; Literature Reviews, Syntheses, or Meta-Analyses; and Conferences.

Program Title: Domestic Public Policy Program

Sponsor: Richardson (Smith) Foundation, Inc.

Program URL: Domestic Public Policy

Deadline: N/A: Initial inquiries should be submitted by mail in the form of a concept paper.

The Domestic Public Policy Program supports projects that will help the public and policy makers understand and address critical challenges facing the United States. To that end, the Foundation supports research on and evaluation of existing public policies and programs, as well as projects that inject new ideas into public debates. The Foundation believes that policy makers face a series of challenges that need to be met if the United States is going to continue to prosper and provide opportunity to all of its citizens. Even as public finances begin to recover in the wake of the financial crisis and recession, officials are confronting difficult choices that will have to be made in order to restore long-term fiscal balances while maintaining essential public services. These choices will include decisions regarding how best to raise revenues while also creating an environment conducive to economic growth. Policy makers are also looking for strategies that can deliver key public services, such as education and criminal justice, in an effective and efficient manner. There is also a need to develop strategies to improve the long-term growth rate of the U.S. economy and strengthen economic opportunity. Doing so will require a combination of more effective strategies to develop human capital and establishing an economic climate hospitable to entrepreneurship and growth.

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MISCELLANEOUS

Program Title: [Research Grants: Exploring New Values for Society](Research%20Grants:%20Exploring%20New%20Values%20for%20Society)

Sponsor: The Toyota Foundation

Program URL: [Research Grants: Exploring New Values for Society](Research%20Grants:%20Exploring%20New%20Values%20for%20Society)

Deadline: Aug. 3, 2018

The main topic of Research Grant Program 2018, titled "Exploring New Values for Society," supports ambitious projects that adopt a panoramic view of the world and look generations into the future in order to seek new values for society by fundamentally exploring novel philosophies and arts to address difficult issues to be faced by future society; issues that are on a global scale; issues that transcend generations; and nascent problems that will only fully manifest themselves in the future. Grants support ambitious projects that adopt a panoramic view of the world and look generations into the future in order to seek new values for society by fundamentally exploring novel philosophies and arts to address difficult issues to be faced by future society; issues that are on a global scale; issues that transcend generations; and nascent problems that will only fully manifest themselves in the future. The Toyota Foundation is a grant-making foundation whose goal is to contribute toward the realization of a more people-oriented society and a resulting increase in human happiness. They provide grants in support of research and operations in order to identify a diverse array of social issues, with a focus on areas of human and natural environment, social welfare, and education and culture.

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MSU subscribes to InfoEd-SPIN database to help faculty and staff find external funding programs. Within the funding database, you can choose to actively search for funding agencies, or you can establish a weekly alert service that will send new funding opportunities according to key words that you identify. For this service, you will need to set up an account. Contact the Office of Sponsored Programs and Research for assistance.

We will come to your office to demonstrate SPIN or set up your account. We are also available to conduct searches for you.

OSPR Contact Information:
Brittany Norman
Research Administrator
Hardin Building Room 104
[Ph: 940-397-4714](#)
[sponsoredprograms@mwsu.edu](#)

[Other Resources and Forms for the National Science Foundation (NSF) and the National Institute of Health (NIH)](#)
*Please click the link above and you will be directed to the Office of Sponsored Program's forms site with examples of budget templates, biosketch forms and formats for reference letters. Please note that these are only examples, and you should always consult the grant application package for the proper form.

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