

THE SOURCE

OFFICE OF SPONSORED PROGRAMS

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April, 2019

Oklahoma Research Day at SWOSU

Oklahoma Research Day was held at Southwestern Oklahoma State University on March 8, 2019. Oklahoma Research Day started in 1999 at the University of Central Oklahoma to showcase the research and scholarly activities of faculty and students from all over Oklahoma. The first Oklahoma Research Day had 233 poster presentations shown by faculty and staff. This year, there were over 700 in attendance with more than 600 presentations. SWOSU is proud to have hosted such a prestigious event and opened our campus to fellow institutions of Higher Education. Institutions represented include Southwestern Oklahoma State University, University of Central Oklahoma, Cameron University, Tulsa Community College, East Central University, Southeastern Oklahoma State University, Northwestern Oklahoma State University, Northeastern State University, Oklahoma School of Science and Mathematics, Randall University, Langston University, Oklahoma State University, University of Oklahoma, Oklahoma Baptist University, and Oklahoma Christian University. The next Oklahoma Research Day is scheduled for **Friday, March 6, 2020**. On behalf of SWOSU, we would like to thank the University Research and Scholarly Activity Committee and all who volunteered and went above and beyond to make this year's Oklahoma Research Day amazing. We would also like to thank the sponsors of Oklahoma Research Day, without their contributions, it would not have been possible. Sponsors of Oklahoma Research Day include, Oklahoma State Regents for Higher Education, Oklahoma Established Program for Stimulating Competitive Research (OK-EPSCoR), Idea Network for Biomedical Research Excellence (INBRE), Cameron University, East Central University, Langston University, Northeastern State University, Northwestern Oklahoma State University, Southeastern Oklahoma State University, Southwestern Oklahoma State University, and the University of Central Oklahoma.



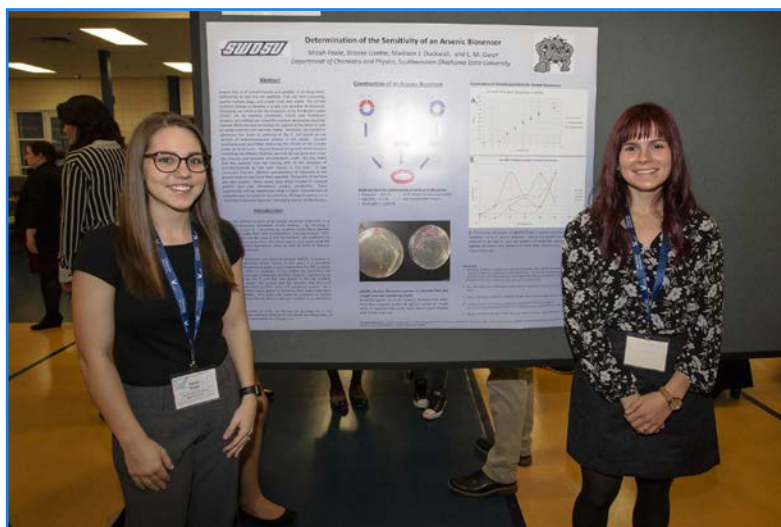
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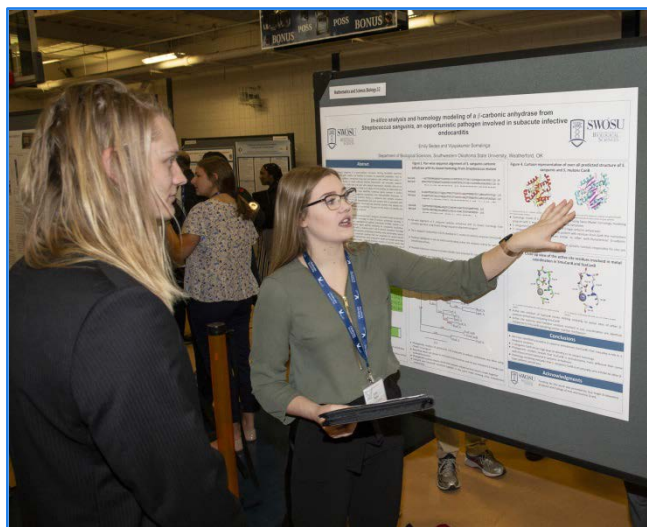
Oklahoma Research Day



NWOSU Students Kamaree Hatfield and Sumji Sherpa



SWOSU Students Micah Foale and Brooke Lizotte

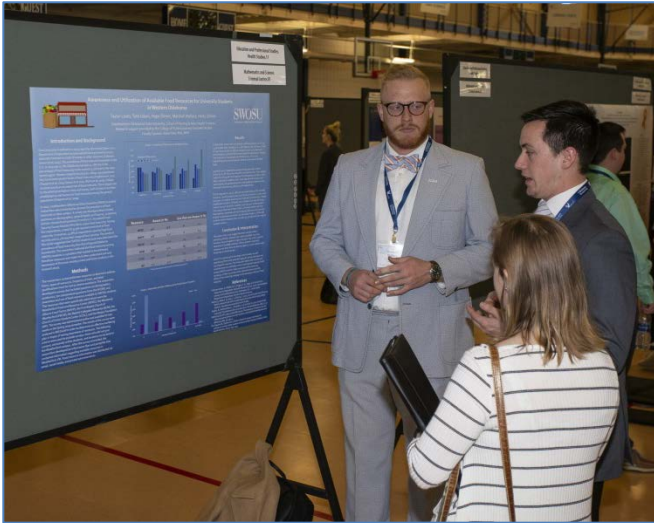


SWOSU Student Emily Bedea

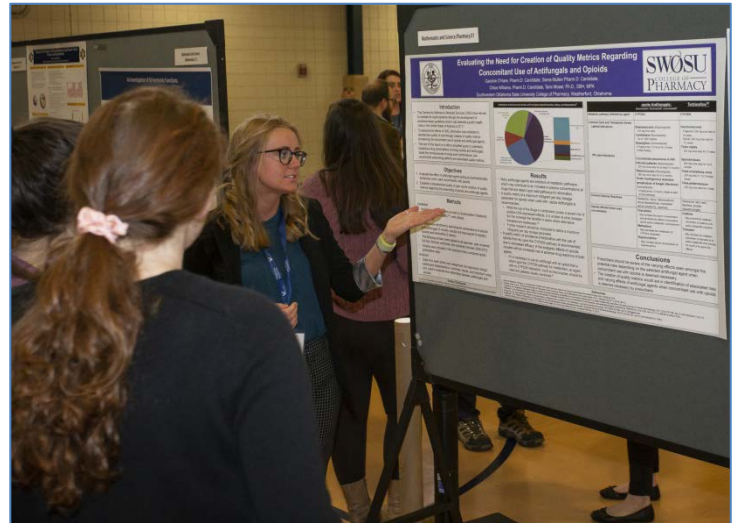


SWOSU Students Skyler Mills and Yvette Tavarez

Oklahoma Research Day



SWOSU Student Marshall Wallace



SWOSU Student Caroline O'Hare



Guest Speaker Dr. Eric Tippeconnic

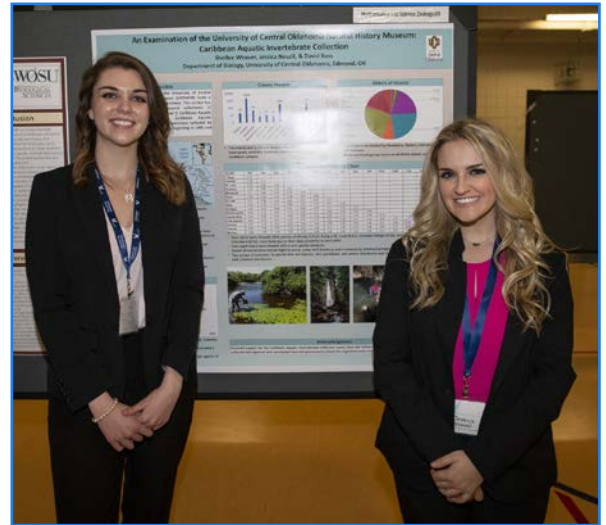


SWOSU Students Opening the Oklahoma Research Day Luncheon

Oklahoma Research Day



SWOSU Psychology Students



UCO Students Shelbie Weaver and Jessica Neuzil



Scholarly and Academic Activity

The Office of Sponsored Programs has been notified of the following Scholarly and Academic Activities since the last newsletter:



Randall Sharp, Pharmacy Practice, reviewed the article, “Combating Opioid Addiction and Abuse- 2 Ways to Effectively Intervene in the Cycle of Addiction Through Pharmacogenomics,” for the *Journal of the American Pharmacists Association* in Oklahoma City, Oklahoma. He also recently reviewed the article, “Anti-HMGCR Myopathy Presenting with Acute Systolic Heart Failure,” for the *British Medical Journal* in Oklahoma City, Oklahoma.



Mapopa Sanga, Center for Excellence in Teaching and Learning, published his article titled, “Getting to Master Online Teaching: Insights from Purposefully Organized Course Development Training,” to the *Quarterly Review of Distance Education* in Weatherford, Oklahoma.



Jason Dupree, Al Harris Library, was re-appointed to the Information Literacy Frameworks & Standards Committee for the Association of College & Research Libraries in Weatherford, Oklahoma. He was also re-appointed to the position of Webmaster for the Reference & User Services Association – Reference Services Section in Weatherford, Oklahoma. He was also re-appointed to the Academic Library Trends & Statistics Survey Editorial Board for the Association of College & Research Libraries in Weatherford, Oklahoma.



Dennis Thompson, Pharmaceutical Sciences, recently published his article, “Publication Records and Bibliometric Indices of Pharmacy School Deans,” in the *American Journal of Pharmaceutical Education* in Weatherford, Oklahoma. He also recently published the articles, “A Review and Assessment of Drug-Induced Thrombocytosis” and “Bumetanide for Autism Spectrum Disorder in Children: A Review of Randomized Controlled Trials,” in the *Annals of Pharmacotherapy* in Weatherford, Oklahoma. Dr. Thompson recently reviewed, “Short-Term Impact of Altmetric Attention Scores on Citation Counts in Selected Major Pharmacy Journals,” for the *Journal of the American College of Clinical Pharmacy* in Weatherford, Oklahoma. He also published the article, “Publication records and bibliometric indices of Canadian and U.S. pharmacy deans,” in the journal, *Pharmacy Education* in Weatherford, Oklahoma.



Fred Alsberg, Language and Literature, performed, “Excavating the Dark,” at the Annual Pop culture Association Conference in Albuquerque, New Mexico. He also published his poem, “Screenwriter,” with the publisher, Poetrybay in Long Island, New York.



Mark Gales, Pharmacy Practice, reviewed, “Vasodilatory properties of sacubitril/valsartan: a meta-analysis,” for the *Annals of Pharmacotherapy* in Oklahoma City, Oklahoma.



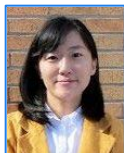
Kenneth Thompson, Language and Literature, presented his paper, “Visions of Apocalypse: The Pedagogy of Sight in Cormac McCarthy’s *The Road*,” at the 40th Annual Southwest Popular/American Culture Association Conference in Weatherford, Oklahoma.

Scholarly and Academic Activity (cont'd)



Edna Patatanian, Pharmacy Practice, reviewed, “Multiple Antihyperglycemic Drug Use is a Predictor of Undernutrition among Older Adults with Type 2 Diabetes,” for *Diabetes Therapy Journal Article* in Oklahoma City, Oklahoma. She also reviewed the manuscript, “Study on Relationship between ApoE Gene Polymorphism and Type 2 DM with Its Complications in Weatherford, Oklahoma. She also recently reviewed the following abstracts for the American Association of Colleges of Pharmacy in Weatherford, Oklahoma:

- “Incorporating Community Engaged Learning in Pharmacy Elective Courses to Enhance Student Learning About Minoritized Populations”;
- “Evaluation of an OSCE to Assess Student Interprofessional Skills and Behaviors”;
- “Impact of an Advanced Cardiovascular Pharmacotherapy Elective on APPE Preparedness”;
- “Student Perceived Competency in Using an HER Following Implementation of a Learning-Based HER Platform”;
- “Effect of Observation vs. Active Participation on Self-Reported Interprofessional Collaborative Behaviors”;
- “Validity of a Gaming Perception Tool for Educational Escape Rooms across Multiple Institutional Contexts”; &
- “Transferability of an Educational Escape Room: Student Outcomes from two Institutions”



Jieun Chang, Social Sciences, reviewed the textbook, *Principles of Macroeconomics*, for Macmillan Learning in Weatherford, Oklahoma.



Michael Dougherty, Mathematics, published his book, “First Semester Calculus for Students of Mathematics and Related Disciplines,” with the publisher, Cognella in Weatherford, Oklahoma.



Pam Rollins, Language and Literature, recently presented her paper, “Terms and Conditions May Apply: Re-envisioning Syllabus Discourse,” at the 50th Annual College English Association Conference in New Orleans, Louisiana.

SCHOLARLY AND ACADEMIC ACTIVITY

Faculty are encouraged to report work, such as publications, speeches, honors, conference participation or facilitation, appointments, reviews, exhibitions, poster presentations, and other such activities. The annual scholarly and academic activity report is distributed to university and state officials and acts as an archive of such activities at SWOSU. The Office of Sponsored Programs also forwards submissions to the SWOSU Libraries digital repository. Information pertaining to the author’s activity will not be placed in the library’s digital repository without the consent of the author. The report form is available at [SWOSU Scholarly Activity and Research](#).

Grants, Contracts, and Proposals

AWARDS



Henderson, Aimee. College of Pharmacy. *Opioid Prevention Education in Oklahoma Public Schools.* Oklahoma State Department of Education. \$25,000.



Somalinga, Vijay. Department of Biological Sciences.

- *Ti Biochemical and Structural Characterization of beta carbonic anhydrases from an emerging pathogen, Rhodococcus hoagii.* OK-INBRE. \$2,200.
- *OK-INBRE SMART Program.* OK-INBRE. \$6,000.



Barnett, Amy. Department of Education. *ICWA Partnership Grant – Research, Data and Evaluation Chair.* Oklahoma Department of Human Services. \$11,772.

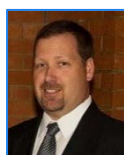


Burgess, Stephen. Department of Psychology. *Multiple Posters at SWPA 2019.* EPSCoR. \$4,199.

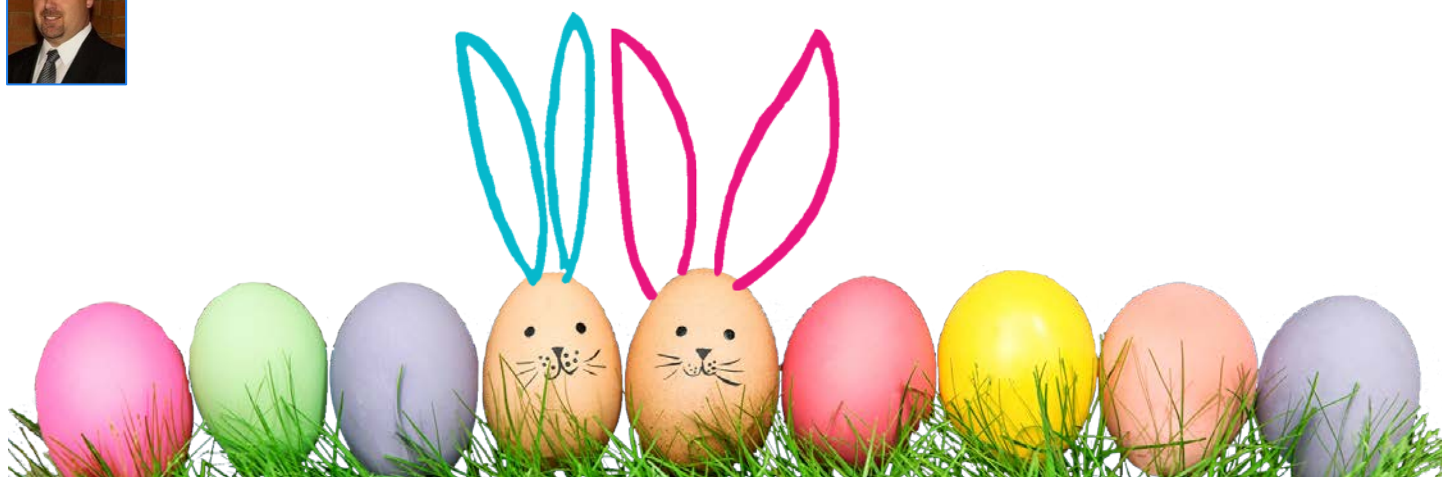


McGrane, Regina. Department of Biological Sciences.

- *Travel to ASM Microbe 2019.* Missouri Valley Branch ASM. \$1,650.
- *Travel to ASM Microbe 2019.* OK-INBRE. \$2,000.
- *OK-INBRE SMART Program.* OK-INBRE. \$6,000.



Hubin, Tim. Department of Chemistry and Physics. *OK-INBRE SMART Program.* OK-INBRE. \$6,000.



Grants, Contracts, and Proposals (cont'd)

SUBMITTED



Horton, Christopher. Department of Biological Sciences. *Mechanisms influencing expression of B7-H4, a target in cancer therapy.* OK-INBRE. \$322,583.



McGrane, Regina. Department of Biological Sciences.

- *Investigating antimicrobial activity of phytopathogen biosurfactants.* OK-INBRE. \$32,912.
- *Equipment Grant for a Multi-Microplate Reader.* OK-INBRE. \$25,000.



Tirk, Richard. Department of Music. *50th Annual SWOSU Jazz Festival.* Oklahoma Arts Council Grant. \$20,000.



Linder, Doug. Department of Chemistry and Physics. *Investigating the Inverse Correlation of $v(\text{Fe-F})$ and $v(\text{Fe-HIS})$ in Chlorite Dismutase.* OK-INBRE. \$31,888.



Hubin, Tim. Department of Chemistry and Physics. *Immunomodulation Therapy by CXCR4-Targeted Protein Adducts.* OK-INBRE. \$70,366.



Sharma, Horrick. Department of Pharmaceutical Sciences. *Developing of Small Molecules Targeting Cancer Metabolism.* OK-INBRE. \$309,894.

GRANTS, CONTRACTS AND PROPOSALS

Faculty interested in pursuing grant opportunities can contact the Office of Sponsored Programs about conducting a fund opportunity search. The process can be started by completing the Research/Scholarly Activity Interest Profile at the Office of Sponsored Programs website at [SWOSU OSP](#).



Funding Opportunities

Deadline Date(s): October 24, 2019

Funding Agency: OK NASA EPSCoR

Program Title: OK NASA EPSCoR Travel Grant

Web site: [OK EPSCoR NASA Travel Grant](#)

Synopsis: Four Competitively Selected Travel Grant Awards selected by NASA Oklahoma EPSCoR Committee Up to \$3,000 award

Funds for faculty to spend up to three days and two nights visiting with NASA scientists to explore research collaborations and forge a direct partnership at NASA Centers and NASA Mission Directorates:

Aeronautics Research

- Associate Administrator: [Jaiwon Shin](#)
[Human Exploration and Operations](#)
- Associate Administrator: [William Gerstenmaier](#)
[Science](#)
- Associate Administrator: [Thomas Zurbuchen](#)
[Space Technology](#)
- Associate Administrator: [James Reuter](#) (acting)

Faculty may include student researchers in travel Research must align with

- NASA Strategic Plan [2018](#)
- NASA Areas of Interest [document](#)
- Proposals Due: October 24, 2019
- Awards Announced: November 12, 2019
- Period of Performance: November 14, 2019 - May 26, 2020
- Research Report Due: June 1, 2020

Funding Range: Up to \$3,000

Other Information: For assistance in making contact with a NASA Representative, please contact Madeline Baugher at madeline.baugher@swosu.edu. This opportunity requires a letter from a NASA representative to invite you to visit their facility.

Don't wait to apply for this incredible experience!

Have a great summer and happy grant-writing!

Deadline Date(s): Applications are accepted January 1 through July 1, annually.

Funding Agency: The Frank M. & Gertrude R. Doyle Foundation, Inc.

Program Title: Education Grants

Web site: [Doyle Foundation](#)

Synopsis: The Frank M. & Gertrude R. Doyle Foundation's mission is to promote communities of

productivity and prosperity with access to education and advancement. The foundation offers grants in the areas of education, health, and the environment. Previous grants were used to fund elementary and high schools, environmental protection organizations, and Girl Scout organizations. Eligible applicants are nonprofit 501(c)(3) organizations and schools. Applications must be submitted online.

Funding Range: Awards Vary.

Deadline Date(s): Applications are accepted on a rolling basis.

Funding Agency: SC Johnson

Program Title: Education Grants

Website: [SC Johnson](#)

Synopsis SC Johnson supports institutions that serve or directly impact communities where it has major operations. However, it also supports requests that are regional or national in scope. The foundation makes grants in the areas of arts, culture, and humanities; community and economic development; education; health and wellness; social services; and environment and sustainability. Education Grants include support for programs that emphasize student academic achievement, with a focus on academic enrichment and advancement, early childhood, and kindergarten through grade 12 education; postsecondary institutions; and technical and vocational schools. Eligible applicants must have 501(c)(3) nonprofit status or be a government entity, such as a school, library, or public agency. Applications must be submitted online.

Funding Range: Awards Vary.

Deadline Date(s): Applications are accepted year-round.

Funding Agency: Halliburton Foundation

Program Title: Halliburton Foundation Grants

Web site: [Halliburton Foundation](#)

Synopsis: The Halliburton Foundation accepts grant proposals from U.S. based nonprofit organizations that serve the following areas: education, health, and health-related social services. Strong preference is given to organizations in areas where there is a significant presence of Halliburton employees and operations.

Funding Opportunities (Cont'd)

Direct Grants are made to U.S.-based elementary and secondary schools and higher education institutions. Additionally, the foundation supports education at all levels through employee matching gifts and scholarships. Applications are accepted year-round, with award decisions made on a quarterly basis. Nonprofit 501(c)(3) organizations are eligible to apply. Applications must be submitted by postal mail.

Funding Range: Awards Vary.

Deadline Date(s): Letters of Inquiry for requests over \$10,000 are due June 1 and December 1, annually. Small grant applications are accepted year-round.

Funding Agency: Kirkpatrick Foundation, Inc.

Program Title: Education Grants

Web site: [Kirkpatrick Foundation, Inc.](http://KirkpatrickFoundation.org)

Synopsis: The Kirkpatrick Foundation, Inc. makes grants in the areas of arts and culture, education, animal welfare, and the environment. Within education, the foundation works to sustain

prekindergarten through grade 12, university-level, and out-of-school programming through arts programs in summer camps, and continuing education for teachers. Priority is given to organizations serving the greater Oklahoma City metropolitan area.

Examples of previously funded institutions include the Oklahoma City Public Schools Foundation; and several colleges and universities, including Oklahoma State University, the University of Oklahoma, and Oklahoma City University. Nonprofit 501(c)(3) organizations and educational institutions are eligible to apply. Organizations requesting \$10,000 or less may submit a small grant request. Interested applicants for requests exceeding \$10,000 must first submit a Letter of Inquiry; selected applicants are then invited to submit a full proposal. Letters and applications must be submitted online.

Funding Range: Small grants up to \$10,000 are awarded. For larger requests, grants of \$10,000 or greater are awarded.

Upcoming Events

SWOSU Annual Research and Scholarly Activity Fair:

Date: November 21, 2019

Time: 12:00 – 3:00 PM

Location: SWOSU Wellness Center

Oklahoma Research Day 2020:

Date: March 6, 2020

Time: TBA

Location: SWOSU Wellness Center and the Pioneer Cellular Event Center

SWOSU Principal Investigator Recognition Reception:

Date: September 5, 2019

Time: 6:00 – 7:30 PM

Location: East Ballroom, Memorial Student Union Center



Other Opportunities

OK-INBRE Travel: Deadline September 14. Please follow the link to the OK-INBRE Travel Grant page: [OK-INBRE Travel Grants for Faculty and Their Students](#)

City of Weatherford Hotel/Motel Tax Advisory Committee: [City of Weatherford Hotel/Motel Tax Advisory Committee Application Form](#)

OK EPSCoR:

[OK NASA EPSCoR Research Implementation Grants](#)

- Deadline: May 15, 2019

[EPSCoR Research Fellows \(RII Track-4\)](#)

- Deadline: March 10, 2020

[Workshops and Outreach Funding Opportunities for EPSCoR Jurisdictions](#)

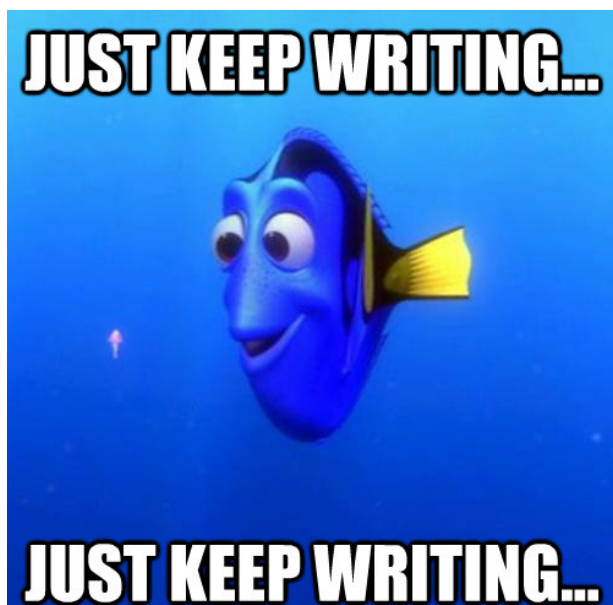
- Deadline: December 31, 2021

Interested in a grant from the Oklahoma Arts Council or the Oklahoma Humanities Council? Contact OSP for details. We, as SWOSU, are allowed a limited number of projects per year and we must plan accordingly to accommodate everyone's needs.

Grant Reminders

Remember Proposal Review and Compliance (PRC) forms are **due to OSP 10 business days** before your grant may be submitted to the funding agency.

When applying for funding, if the agency requires monitoring and/or has specific compliance requirements [such as IRB, Conflict of Interest, Biosafety, Radiation Safety, or IACUC] there is an expectation by the funding agency that a technical report is **REQUIRED**; therefore, the funding is considered a **GRANT** and must be submitted through OSP.



OFFICE OF SPONSORED PROGRAMS STAFF

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