

THE SOURCE

OFFICE OF SPONSORED PROGRAMS

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SWOSU Receives \$10,000 Grant from National Endowment for the Arts

Southwestern Oklahoma State University in Weatherford has received a \$10,000 grant from the National Endowment for the Arts to support Touch and See Your Park, a series of events to commemorate the 150th anniversary of the Washita River Massacre.

Principal investigator of the grant is Dr. Siriporn Peters, assistant professor in the SWOSU Department of Art, Communication & Theatre.

Southern Cheyenne artist George Levi will use ledger art, a traditional Native American art form, to create drawings interpreting the battle, as well as present a lecture on this art form.

The ledger drawings will be transformed into tactile graphics with braille, motion graphics and audio so visually impaired people can enjoy the items. A catalogue for the exhibit will also be created.

The project was among \$82 million funded for local art projects across the country, according to NEA Chair Jane Chu. The NEA received 1,728 art works applications and awarded 1,029 grants ranging from \$10,000 to \$100,000.

Established by Congress in 1965, the NEA is the independent federal agency whose funding and support gives Americans the opportunity to participate in the arts, exercise their imaginations, and develop their creative capacities. Through partnerships with state arts agencies, local leaders, other federal agencies, and the philanthropic sector, the NEA supports arts learning, affirms and celebrates America's rich and diverse cultural heritage, and extends its work to promote equal access to the arts in every community across America.



Dr. Siriporn Peters

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SWOSU Receives \$17,158 Grant from FEMA

Southwestern Oklahoma State University in Weatherford has received a \$17,158 grant from the Federal Emergency Management Agency, a division of the U.S. Department of Homeland Security.

The funding will be used to assist SWOSU in the purchase of generators for the Physical Plant and Public Safety. The grant award for this project was available through the Hazard Mitigation Grant Program (HMGP).

“We are appreciative for the financial support for this critically important improvement to our campus,” said SWOSU President Randy Beutler.

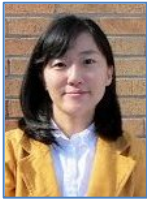
The purpose of HMGP is to help communities implement hazard mitigation measures following a presidential major disaster declaration in the areas of the state, tribe or territory requested by the governor or tribal executive. The key purpose of this grant program is to enact mitigation measures that reduce the risk of loss of life and property from future disasters, according to SWOSU Office of Sponsored Programs Director Dr. Yolanda Carr.

Provost Dr. James South said the grant helps SWOSU to provide critical emergency and safety services for the campus community in times of electrical outages.



Scholarly and Academic Activity

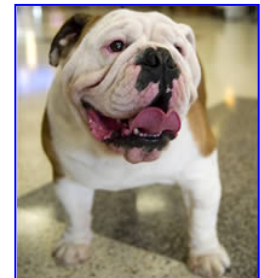
The Office of Sponsored Programs has been notified of the following Scholarly and Academic Activities since the last newsletter:



Jieun Chang, Social Sciences, recently published an article titled, “The Differences in Business R&D Intensity Across OECD Countries: The Role of Size Dependent Regulation” for the journal, *Applied Economics Letters* in Weatherford, Oklahoma. Dr. Chang recently participated as a discussant on “The effects of performance audits on educational production function efficiency: evidence from Ohio,” and presented her paper, “Online Health Service and Concerns over Privacy and Security,” for the Western Economic Association International 92nd Annual Conference in San Diego, California.



Frederic Murray, Al Harris Library, recently posted his article, “Defend Your Institutions: Dissent,” to the *Intellectual Freedom Blog* in Weatherford, Oklahoma.



Nancy Williams, Pharmacy Practice, recently published an article, “Point/Counterpoint: Are Outstanding Leaders Born or Made?” to the *American Journal of Pharmaceutical Education 2017* in Oklahoma City, Oklahoma. She also served as a moderator of the Resident Research Project Presentations for the Alcalde Southwest Residency Leadership Conference in Galveston, Texas. In Las Vegas, Nevada, Dr. Williams presenter, “Bridging the Vaccination Knowledge Gap with an Educational Game to Increase Administration Rates in Adults, 50 Years and Older,” at the American Society of Health-System Pharmacists Midyear Clinical Meeting 2016. She coordinated and judged the “SWOSU-ASHP Clinical Skills” local competition for the American Society of Health-System Pharmacists Midyear Clinical Meeting 2016 in Weatherford, Oklahoma. She also served as the Appointed Parenteral Nutrition Topic Leader of the Abstract Review Committee for the American Society for Parenteral and Enteral Nutrition in Oklahoma City, Oklahoma. Dr. Williams has served as a reviewer for the following:

- Two articles for the *American Journal of Health-System Pharmacy* in Oklahoma City, Oklahoma:
 - “Impact of an Antimicrobial Stewardship Program on Outcomes in Patients Admitted with Community-Acquired Pneumonia at a Tertiary, Community Hospital”
 - “Formalization of an Antimicrobial Stewardship Program in a Small Community Hospital”
- 53 abstracts in the Parenteral Nutrition Section for the Abstract Review Committee during the American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Clinical Nutrition Week 2017 in Oklahoma City, Oklahoma;
- 8 abstracts in the Pharmacy Practice and Experiential Education Sections for the American Association of Colleges of Pharmacy Annual Meeting 2017 in Oklahoma City, Oklahoma; and
- “Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists in Cardiac Disorders” for the *Annals of Pharmacotherapy 2016* in Oklahoma City, Oklahoma.

Scholarly and Academic Activity (cont'd)



Jared Edwards, Psychology, recently submitted his post, “Presenting information about white privilege and systemic racism: Message vs. Messenger,” to the Southwestern Psychological Association Annual Meeting in Dallas, Texas.



Phillip Fitzsimmons, Al Harris Library, recently passed the exam, “Copyright Issues for Digital Archives workshop,” at the Society of American Archivists workshop in Oklahoma City, Oklahoma.



Brooke Gildon, Pharmacy Practice, serves as the Chair of a Special Interest Group for the Pediatric Pharmacy Advocacy Group. She also passed the Board Certification in Pediatrics exam for the Board of Pharmaceutical Specialties. Dr. Gildon recently served as a Manuscript Reviewer for the *Journal of Pediatric Pharmacology and Therapeutics*. Dr. Gildon has presented the following presentations:

- The American Lung Association Asthma Educator Institute in Tulsa, Oklahoma
 - “Exam preparation for the asthma educator certification”;
 - “Your role as an asthma educator: Professional issues/professional practices”; and
 - “Asthma Management”
- “Breathe Easier: Improving the management of chronic respiratory illnesses in children and adults” at the SWOSU Continuing Education Seminar Program in Weatherford, Oklahoma; and
- “Patient education and communication” at the Pediatric Pharmacy Advocacy Group BCPPS Preparatory Course in Tucson, Arizona.

Dr. Gildon also recently published a number of articles and a book chapter:

- One chapter titled, “Patient education and Communication” in the *PPAG: Pediatric PharmPrep Advanced Guide* in Memphis, Tennessee;
- “On-Call Pharmacists in a Pediatric Clinic” in *Clinical Pediatrics 2017*; and
- “Assessing Guideline-Concordant Prescribing for Community Acquired Pneumonia” in the *International Journal of Clinical Pharmacy 2017*.



Mapopa Sanga, Center of Excellence in Teaching and Learning, published his article, “Closing Gap Between Learning and Use: Operationalizing the Situated Cognition Construct to Create Authentic Online Learning Contexts,” to the *Online Journal of Distance Education and e-Learning* in Weatherford, Oklahoma.

Scholarly and Academic Activity (cont'd)



Melanie Claborn, Pharmacy Practice, recently presented a presentation, “Breathe Easier: Improving the Management of Chronic Respiratory Illnesses in Children and Adults,” at the Continuing Education Seminar in Weatherford, Oklahoma. She also served as a Committee Appointment on the Pharmacy Practice Section Membership Committee for the American Association of Colleges of Pharmacy in Oklahoma City, Oklahoma. Dr. Claborn also served as a reviewer on the following:

- “Drug Information and Electronic Resources in the Nutritional/Gastroenterological Care,” for the Ambulatory Care Self-Assessment Program for the American College of Clinical Pharmacy in Oklahoma City, Oklahoma.
- “A Review of New Drugs” for the Southwestern Continuing Pharmacy Education in Oklahoma City, Oklahoma.
- 7 abstracts for the American Pharmacists Association (APhA) Annual Meeting.

Dr. Claborn also recently presented her poster, “Improving Patient Understanding of Asthma Control,” at the OKCIC Harmon-y Clinic during the Oklahoma City Indian Clinic Strut your Stuff PDSA Fair, in Oklahoma City, Oklahoma. She recently had the article, “Roll Up Your Sleeves: Vaccines are Not Just for Children,” published in *OKCIC Horizons, 2016 Volume 2* in Oklahoma City, Oklahoma.



Barry Gales, Pharmacy Practice, recently received the “2016-2017 Faculty of the Year Award” from the Great Plains Family Medicine Residency Program in Oklahoma City, Oklahoma. He also served as a reviewer of the article, “Comparison of Plasma-Lyte A and Sodium Chloride, 0.9% for Fluid Resuscitation of Patients with Diabetic Ketoacidosis,” for the *Annals of Pharmacotherapy* in Oklahoma City, Oklahoma.



Cheri Walker, Pharmacy Practice, recently presented her presentation, “Pain Management,” for the End of Life Nursing Education Consortium in Oklahoma City, Oklahoma.



Debra Stevens, Pharmacy Practice, recently presented her presentation, “What should I ask the pharmacist? An emphasis on medication for mental health,” at the Oklahoma Association of People Supporting Employment First (OK-APSE) Conference in Oklahoma City, Oklahoma. Dr. Stevens also presented another presentation titled, “Antipsychotics for Treatment Resistant Depression,” for the Family Medicine residents at St. Anthony Hospital in Oklahoma City, Oklahoma.

Scholarly and Academic Activity (cont'd)



Meri Hix, Pharmacy Practice, recently served on the Oklahoma Board of Nursing Formulary Advisory Council during their annual meeting. She also presented her presentation titled, "Survey of Men's Health Issues," for the Continuing Education Seminar in Weatherford, Oklahoma.



Linda Pye, Al Harris Library, recently presented her paper, "Gardening Your Library: Weeding and Transplanting," at the Oklahoma Library Association Conference in Weatherford, Oklahoma. She also serves as the President-Elect as well as the Committee Appointed Chair of the Presidential Initiatives Committee for the Oklahoma Library Association. Ms. Pye was also presented the gavel as President of the Oklahoma Library Association at the Oklahoma Library Association Annual Conference in Norman, Oklahoma.



Jeremy Johnson, Pharmacy Practice, recently presented his virtual poster, "Factors Impacting the Growth and Success of CPFI Student Chapters: Evolution of the SWOSU Student Chapter," at the 2017 Christian Pharmacist Fellowship International (CPFI) Annual Conference and National Student Retreat in Colorado Springs, Colorado. Dr. Johnson also presented, "New Concentrated Insulin Products: How to avoid dosing errors," at the University of Oklahoma Health Sciences Center, College of Pharmacy, Walter P. Sheffe Continuing Pharmaceutical Education Series in Oklahoma City, Oklahoma. Dr. Johnson has recently published a number of

articles:

- "A Literacy-Sensitive Approach to Improving Antibiotic Understanding in a Community-Based Setting" in the *International Journal of Pharmacy Practice* in Tulsa, Oklahoma;
- "Barriers to Patient use of Control Solution for Glucose Meters: Surveys of Patients, Pharmacists, and Providers in a Metropolitan Area," in the *Journal of Diabetes Science and Technology* in Tulsa, Oklahoma;
- "Novel concentrated insulin delivery devices: Developments for safe and simple dose conversions" in the *Journal of Diabetes Science and Technology* in Tulsa, Oklahoma;
- "Recognizing and Appropriately Treating Latent Autoimmune Diabetes in Adults," in *Diabetes Spectrum* in Tulsa, Oklahoma; and
- "Interventions to improve dissemination and implementation of Hepatitis B vaccination in patients with diabetes," in the *Journal of American Pharmacists Association* in Tulsa, Oklahoma.



Jason Dupree, Al Harris Library, served as a guest juror for the Biology Capstone Posters in Weatherford, Oklahoma.

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 <http://www.swosu.edu/administration/osp/scholarly-activity-report.aspx>.

Grants, Contracts, and Proposals

AWARDS

The following grants and contracts were awarded by Southwestern Oklahoma State University faculty and staff since the last report:



McGrane, Regina. Department of Biological Sciences:

OK-EPSCoR Travel Grant to Microbe 2017. OK-INBRE. \$2,930.

American Society of Microbiology Meeting 2017. American Society of Microbiology. \$2,000.

Evaluating the effect of mechanical stress from cell-to-surface contact, perturbation in flagella rotation, and osmotic pressure on surface associated behaviors. OK-INBRE SMarT Program. \$7,241.



Woods, John. Department of Mathematics. *2017 KESAM Statewide Partnerships.* U. S. Department of Education. \$135,000.



Misak, Doug. Business Enterprise Center. *Partnership Recognition Program FY17.* Oklahoma State Regents for Higher Education. \$500.00.



Beutler, Randy. Office of the President. *SWOSU Generator Project.* Oklahoma Department of Emergency Management. Federal Emergency Management Agency (FEMA). \$17,158.



Ellis, Trevor. Department of Chemistry and Physics:

T Synthesis of Chemical Signaling Gama-butyrolactone (GbL) Based Signaling Molecule Analogs. OK-INBRE SMarT Program. \$6,696.

Synthesis of Unnatural α -Amino Acids. OK-INBRE Summer Mentor. Oklahoma State Regents for Higher Education. \$6,500.

Grants, Contracts, and Proposals (cont'd)



Gwyn, Lori. Department of Chemistry and Physics:

Research Day at the Capitol Summer Internship. OK-EPSCoR. Oklahoma State Regents for Higher Education. \$6,500.

Investigation of the Cyclen/Cyclam Metal Complexes for the Construction of Artificial Nucleases. National Institutes of Health. \$28,775.



Henrikson, Jon. Department of Chemistry and Physics. *Evaluation of Changes in Col-Cultured Microbial Secondary Metabolite Profiles.* OK-INBRE SMaRT Program. Oklahoma State Regents for Higher Education. \$24,610.



Holgado, Andrea. Department of Biological Sciences:

Linking the neuronal role of UNC-33 to autophagy. Oklahoma State Regents for Higher Education. \$2,200.

Designing tools to study autophagy in C. elegans neurons. OK-INBRE SMaRT Program. Oklahoma State Regents for Higher Education. \$6,236.



Hubin, Tim. Department of Chemistry and Physics:

OK-INBRE SMaRT Student. Oklahoma State Regents for Higher Education. \$2,200.

PET Imaging and Therapy of Chemokine Receptor Expressing Careers. Oklahoma State Regents for Higher Education. \$6,891.

Liposomal Delivery and Magnetic retrieval Of Advanced Oxidation Catalysts for Oil Spill Remediation. National Science Foundation. \$12,500.

NSF Supplemental to OK-LSAMP for Student Research in Hull. National Science Foundation. \$31,188.30.



Paul, Eric. Department of Biological Sciences. *Is a viral kinase entry into the cell required to induce apoptosis?* OK-INBRE SMaRT Program. Oklahoma State Regents for Higher Education. \$5,000.



Tirk, Richard. Department of Music. *47th Annual SWOSU Jazz Festival.* City of Weatherford Hotel/Motel Advisory Council. \$2,000.



Grants, Contracts, and Proposals (cont'd)



Trubitsyn, Dennis. Department of Biological Sciences. *Travel to Participate and present at the ASM Conference for Undergraduate Educators.* OK-INBRE. Oklahoma State Regents for Higher Education. \$2,000.



Novey, Jamie. Upward Bound Program:

Summer Food Services Program for Children. State Department of Education/U. S. Department of Agriculture. \$7,000.

SWOSU Upward Bound Program. U. S. Department of Education. \$389,950.



Appeddu, Lisa, Lori Gwyn and Cindi Albrightson. Department of Pharmaceutical Sciences, Chemistry and Physics, and Engineering Technology:

Tech Trek at SWOSU.

National Science Foundation. \$10,000.

Tech Trek at SWOSU. City of Weatherford, Hotel/Motel Tax Advisory Committee. \$3,600.

Tech Trek at SWOSU. American Association of University Women, Inc. \$2,000.



Sharma, Horrick. Department of Pharmaceutical Sciences. *Discovery of Novel Lactate Dehydrogenase Inhibitors Against Pancreatic Cancer.* National Institutes of Health. \$23,339.



Horton, Chris. Department of Biological Sciences. *Pathway analysis of B7-H4 stimulated naïve T lymphocytes by RNA sequencing.* National Institutes of Health. \$7,190.



Henderson, Aimee. Department of Rural Health. *Health Disease, Stroke and Diabetes Prevention.* \$290,000. Centers for Disease Control and Prevention.



Grants, Contracts, and Proposals (cont'd)

PROPOSALS



Office of Academic Affairs:

The SWOSU Student Success Center – Part A. U. S. Department of Education. \$2,178,948.

The SWOSU Student Success Center – Part F. U. S. Department of Education. \$2,587,348.



Hubin, Tim. Chemistry and Physics. *INBRE SMaRT Student.* OK-INBRE SMaRT Program. \$6,696.



McGrane, Regina. Biological Sciences. *Evaluating the effect of mechanical stress from cell-to-surface contact, perturbation in flagella rotation, and osmotic pressure on surface associated behaviors.* OK-INBRE SMaRT Program. \$7,241.



Misak, Doug. Business Enterprise Center. *SWOSU University Center.* U. S. Department of Commerce. \$102,590.



Appeddu, Lisa, Lori Gwyn and Cindi Albrightson. Department of Pharmaceutical Sciences, Chemistry and Physics, and Engineering Technology:

Tech Trek at SWOSU. OK-INBRE. \$5,000.

Tech Trek at SWOSU. OK-EPSCoR. \$10,000.



Klein, Karen. Information Technology Department. *Single Sign-On Grant.* Campus Consortium. \$60,000.

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 www.swosu.edu/administration/osp/osp_interest_survey.aspx

Funding Opportunities

Deadline Date(s): Requests accepted year-round
Funding Agency: Sony Corporation of America
Program Title: SCA Grants

Website: http://www.sony.com/en_us//SCA/social-responsibility/giving-guidelines.html

Synopsis: Sony Corporation of American and its operating companies offer funding to programs that support education and creative, artistic, technical, and scientific skills that are necessary for tomorrow's workforce.

Funding Range: Awards Vary

Deadline Date(s): April 30 and November 1 annually

Funding Agency: The Lawrence Foundation

Program Title: Lawrence Foundation Grants

Web site:

<http://www.thelawrencefoundation.org/grants/>

Synopsis: The Lawrence Foundation is focused on making grants to support environmental, education, human services, and other causes. However, the foundation's interests are fairly diverse and may occasionally lead into other areas. Both program and operating grants are available without any geographic restrictions.

Funding Range: Awards Vary

Deadline Date(s): Preliminary applications are accepted year-round

Funding Agency: The Ambrose Monell Foundation

Program Title: Education Grants

Web site:

<http://www.monellfoundation.org/index.php/application-guidelines/>

Synopsis: The Ambrose Monell Foundation's mission is to voluntarily aide and contribute to religious, charitable, scientific, literary, and educational uses and purposes in New York and elsewhere in the United States. Recent grants have been awarded to charter schools; schools for the deaf and blind; teacher science, technology, engineering, and mathematics (STEM) training; arts and music

education; special needs; kindergarten through grade 12 schools; and higher education.

Funding Range: Awards Vary

Deadline Date(s): February 1, May 1, August 1, and November 1 Annually

Funding Agency: The Sam J. Frankino Foundation

Program Title: Education Grants

Web site:

<http://www.samjfrankinofoundation.com/index.php/grant#1>

Synopsis: The Sam J. Frankino Foundation awards grants to qualified nonprofit organizations that address its funding priorities. Among those are support for schools and other academic institutions. Other priority areas include arts and culture, science and medical research, the environment, and educational initiatives.

Funding Range: Grants of \$1,000 or greater are awarded

Deadline(s): Proposals are accepted year-round

Funding Agency: The Hearst Foundations

Program Title: The Hearst Foundations Education Grants

Web site: <http://www.hearstfdn.org/applying-reporting/how-to-apply/>

Synopsis: The Hearst Foundations support well-established nonprofit organizations in education, health, culture, and social service that primarily serve large demographic and geographic constituencies. Within education, the foundations generally provide program, scholarship, capital, and on a limited basis, endowment support. They fund educational institutions demonstrating uncommon success in preparing students to thrive in a global society. The focus is largely on higher education.

Funding Range: Awards Vary

Deadline Date(s): Applications are due the third Thursday of each month

Funding Agency: SparkFun Electronics

Program Title: Community Partnership Grants

Funding Opportunities

Website:

<https://www.sparkfun.com/pages/sponsorships>

Synopsis: The SparkFun Electronics Community Partnership Grants support maker education projects that foster innovation and creativity. Priority is given to activities that embrace maker values of collaboration, playfulness, open source, and learning at all levels. Grants are awarded in the form of hardware, expertise, and cash funds. Preferred projects solve a problem, reach communities that are underserved, provide a unique experience, or teach essential skills.

Funding Range: Awards Vary

Deadline Date(s): December 1 through February 28 and July 1 through September 20 annually

Funding Agency: Proctor and Gamble Fund

Program Title: U.S. Higher Education Grant

Web site:

<http://us.pg.com/sustainability/community-impact/grant-application>

Synopsis: The Procter and Gamble (P&G) Fund awards U.S. Higher Education Grants to support college curriculum programs intended to better prepare students within the areas of study most pertinent to P&G, and similar employers, for success in business. Examples include improving curriculum to be at the cutting edge in relevance and effectiveness, fostering and enabling leadership opportunities and learning, creating a learning environment that encourages and enhances innovation and creativity, and strengthening diversity. Eligible applicants must be accredited two- and four-year colleges and universities in the United States.

Funding Range: Awards range from \$5,000 to \$10,000, with each college or university limited to \$50,000 per year.

UPCOMING EVENTS

8th Annual Promoting Undergraduate Research Conference – September 29, 2017

Location: Presbyterian Health Foundation Conference Center at 655 Research Parkway, Oklahoma City, OK.

Cost: \$50 for Faculty and \$75 for Administrators

Research Day at the Capitol – March, 2018 (Faculty nominate students)

Oklahoma Women in Higher Education – TBA

Oklahoma Research Day – Friday, March 9, 2018

Location: Central National Bank Center – Enid, OK

SWOSU 25th Annual Student Research and Scholarly Activity Fair – April, 2018

Location: Pioneer Cellular Event Center

National Conference on Undergraduate Research – April 4 – 7, 2018

Location: University of Central Oklahoma

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