

# THE SOURCE

## OFFICE OF SPONSORED PROGRAMS



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### SWOSU Receives Subaward for Campus Cyberinfrastructure Grant



Southwestern Oklahoma State University in Weatherford has been awarded a subaward in the amount of \$61,186 for the project—Multiple Organizational Regional One Oklahoma Friction Free Network (MORE OFFN)—and will work with several Oklahoma universities on the MORE OFFN. The National Science Foundation proposal was written in response to the Campus Cyberinfrastructure Grant, specifically the Network Design and Implementation for Small Institutions program area. Dr. Jeremy Evert, assistant professor in the SWOSU Department of Business and Communication, is the principal investigator for SWOSU. “Jeremy Evert’s ability to build collaboration among our SWOSU students

has been a wonderful boost to our computer science program,” said SWOSU School of Business & Technology Associate Dean Dr. Patsy Parker. “Jeremy’s network of computer science colleagues in Oklahoma, as well as other states, benefit from the projects he has implemented. The MORE OFFN project is especially exciting because of the partnership with our sister institutions.”

The award focuses on expanding the network capabilities of Northeastern State University, Southeastern Oklahoma State University (SOSU), Rogers State University and SWOSU, which will allow for their involvement in the OneOklahoma Friction Free Network (OFFN), a science DMZ that will permit researchers to connect reliability to supercomputers and increase computational capabilities.

In an effort to develop these connections to the network, the following tasks will occur in the project: installation of required servers and switches to connect to the OFFN network; installation of perfSonar nodes at each institution; and deployment of OFFN at all four institutions. As a result of the connection to OFFN, SOSU and SWOSU will develop a collaborative, team-taught class on parallel programming that will be offered online to students. Providing a course like this will help to meet the industry needs for individuals training in high performance computing. “SWOSU is excited to receive support and recognition from the National Science Foundation,” Evert said.

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## Principal Investigators Recognition Reception Held

The Principal Investigator Recognition Reception was held on Thursday, August 24<sup>th</sup> 2017, at 6:00 p.m. More than 35 faculty and staff were honored for their work in obtaining external funding to support research and other scholarly activities at SWOSU. Recognition gifts were presented to the honorees by President Randy Beutler, Provost James South, and Dr. Yolanda Carr, Director of Sponsored Programs.

The Honorees were Mr. Brian Adler, Vice President for Public Relations and Marketing; Ms. Cindi Albrightson, Engineering Technology; Dr. Lisa Appeddu, Pharmaceutical Sciences; Dr. Carlos Baldo, Business & Computer Science; Dr. Randy Barnett, Psychology; Ms. Madeline Baugher, Business & Computer Science; President Randy Beutler; Mr. Brad Bryant, Engineering Technology; Dr. Brian Campbell, Chemistry & Physics; Dr. Lisa Castle, Biological Sciences; Dr. Rickey Cothran, Biological Sciences; Dr. Trevor Ellis, Chemistry & Physics; Dr. David Esjornson, Chemistry & Physics; Dr. Amanda Evert, Business & Computer Science; Dr. Jeremy Evert, Business & Computer Science; Mr. Brad Fitzgerald, Engineering Technology; Ms. Marci Grant, Center for Excellence in Teaching & Learning; Dr. Lori Gwyn, Chemistry & Physics; Dr. Aimee Henderson, College of Pharmacy; Dr. Jon Henrikson, Chemistry & Physics; Dr. Andrea Holgado, Biological Sciences; Dr. Christopher Horton, Biological Sciences; Dr. Tim Hubin, Chemistry & Physics; Mr. Ed Klein, Education; Ms. Karen Klein, Information Technology Services; Dr. Sophia Lee, Music; Dr. Doug Linder, Chemistry & Physics; Dr. Regina McGrane, Biological Sciences; Mr. Doug Misak, Business Enterprise Center; Ms. Jamie Novey, Upward Bound; Dr. Anne Pate, Allied Health; Dr. Eric Paul, Biological Sciences; Dr. Siriporn Peters, Art, Communication & Theatre; Dr. Les Ramos, Pharmaceutical Sciences; Dr. Horrick Sharma, Pharmaceutical Sciences; Dr. Richard Tirk, Music; Dr. Denis Trubitsyn, Biological Sciences; Dr. Muatasem Ubeidat, Biological Sciences; Dr. John Woods, Mathematics; and Dr. Sarah Yount, College of Pharmacy.



**From left to right: Dr. Allen Boyd, Dr. Ruth Boyd, Ms. Brenda Burgess, Dr. James South, President Randy Beutler, and Dr. Yolanda Carr**



## Principal Investigators Reception (cont'd)



**Dr. Richard Baugher and Mrs. Madeline Baugher**



**Ms. Shabnum Bouma and Dr. Sophia Lee**



**Student Didier Khoo, Musician for the Reception**



**Dr. Les Ramos, Ms. Patricia Garcia, and Dr. Trisha Wald**

## Principal Investigators Reception (cont'd)



**Ms. Jamie Novey, Director, Upward Bound  
and her husband**



**Dr. Monica Varner, Ms. Marci Grant, and  
Mr. Brian Adler**

## Scholarly and Academic Activity

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



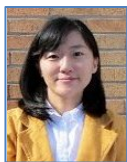
**April Miller**, McMahan Library, served as a guest speaker for the Western Plains Weatherford Genealogical Society Fall Cemetery Tour presenting, “The Life of Otto Albert Zwirtz,” in Weatherford, Oklahoma. She also presented, “The Life of Otto Albert Zwirtz,” at the Western Plains Weatherford Genealogical Society Spring Cemetery Tour in Clinton, Oklahoma. Ms. Miller recently presented, “Ways to Market Without Social Media,” at the Oklahoma Library Association Annual Conference in Norman, Oklahoma. She also presented, “Seducing Romance Readers,” at the Mountain Plains Library Association/Colorado Association of Libraries Annual Conference in Loveland, Colorado. Ms. Miller also served on the Editorial Team for the *Oklahoma Librarian*, which is a bi-monthly publication of the Oklahoma Library Association.



**Jason Dupree**, Al Harris Library, was recently appointed to the Poster Committee for the 2019 National Conference of the Association of College and Research Libraries (ACRL) in Weatherford, Oklahoma.



## Scholarly and Academic Activity (cont'd)



**Jieun Chang**, Social Sciences, recently presented her paper, “The role of television penetration in the number of movie theaters,” to the Economic & Business History Society in Oklahoma City, Oklahoma.



**Jason Cash**, Language and Literature, recently presented his paper, “‘Sans lingua franca’: Language and Power in Metal Gear Solid V: The Phantom Pain,” at the Southwest Popular/American Culture Association meeting in Albuquerque, New Mexico.



**Dennis Thompson**, Pharmaceutical Sciences, recently served as a reviewer for the American College of Clinical Pharmacy Annual Meeting 2017 for the following:

- “Systematic evaluation of clinical practice guidelines for pharmacogenomics”;
- “Financial Literacy of Pharmacy Students”;
- “Impact of a Problem-Based Acute Care Pharmacy Elective Course on Student Performance”;
- “Serotonin syndrome: Case series from an academic medical center and comparison to published case reports”;
- “The impact of a new electronic health system implementation on medication-related patient safety in an academic tertiary medical center”;
- “Impact of a long-term educational initiative in a developing country”; and
- “Knowledge, Attitudes and Practice of physicians towards clinical pharmacy services in ten public hospitals in Oromia Regional State, Ethiopia

Dr. Thompson also reviewed “Abnormal Tongue Discoloration Following High Dose Radioactive Iodine 131 Ablation Therapy For Papillary Cancer Thyroid,” for *The BMJ Case Reports* in Weatherford, Oklahoma. He also recently published the article, “Prophylaxis of migraine headaches with riboflavin: A systematic review,” published to the *Journal of Clinical Pharmacy and Therapeutics* in Weatherford, Oklahoma.



**Todd Wiggen**, Business & Computer Science, recently presented his poster, “The Development and Maintenance of Social Identity in a Military Motorcycle Club,” at the Association of Leadership Educators Conference in Charleston, South Carolina.



**Mark Gales**, Pharmacy Practice, recently reviewed the article, “Antihypertensive Medication and Risk of Disability in Community-Dwelling Older Adults – a Longitudinal Study,” for the *Annals of Pharmacotherapy* in Oklahoma City, Oklahoma.



**Veronica McGowan**, Center for Excellence in Teaching and Learning, published the article, “Investigation of Factors Relating to the Web-based Presentation of Policy and Information on Campus Firearm Policy and Smoking Policy,” in *Administrative Issues Journal: Connecting Education, Practice, and Research* in Weatherford, Oklahoma. Dr. McGowan also had the article, “Technology Literacy Feature: What is a portable document (and why should I care?),” published in the CETL Newsletter in Weatherford, Oklahoma.



## Scholarly and Academic Activity (cont'd)



**Mapopa Sanga**, Center for Excellence in Teaching and Learning, recently presented his paper, “Assuring Quality in Online Learning: Successes from Implementing a Carefully Designed Course Development Rubric,” at the Oklahoma Learning Innovations Virtual Summit in Weatherford, Oklahoma. Dr. Sanga also had the following articles published in the Center for Excellence in Teaching and Learning Newsletter in Weatherford, Oklahoma:

- “Writing Instructional Objectives: A skill that Fascinates me”;
- “Analyzing Online Discussion Types”;
- “Creating Effective Online Discussions: Varying Discussion Question Styles”;
- “Voicethread: A cool way to Engage your Learners”;
- “Principles of Instructional Design.”

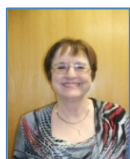
### SCHOLARLY AND ACADEMIC ACTIVITY

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

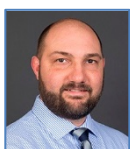
The following grants and contracts were awarded by Southwestern Oklahoma State University faculty and staff since the last report:



**Baugher, Madeline.** Business and Computer Science:

*First Tech Challenge.* Argosy Foundation. \$10,788.

*Space Grant College and Fellowship Program (Amendment #4).* National Aeronautics and Space Administration (NASA). \$45,251.



**Evert, Jeremy.** Business and Computer Science. *Multiple Organization Regional One Oklahoma Friction Free Network (MORE OFFEN).* National Science Foundation. \$61,186.



**Evert, Amanda.** Business and Computer Science. *Single Parents Network.* Women's Foundation of Oklahoma. \$4,000.

## Grants, Contracts, and Proposals (cont'd)



**Adler, Brian.** Vice Chancellor of Public Relations and Marketing. *SWOSU Panorama Series*. City of Weatherford Hotel/Motel Advisory Committee. \$15,000.



**Appeddu, Lisa** (Pharmaceutical Sciences), **Lori Gwyn** (Chemistry and Physics), **and Cindi Albrightson** (Engineering Technology). *Tech Trek at SWOSU*. National Institutes of Health. \$5,000.



**Tirk, Richard.** Music. *48<sup>th</sup> Annual SWOSU Jazz Festival*. Oklahoma Arts Council. \$1,550.



**Klein, Karen.** Information Technology Services. *Single-on Grant Application*. Campus Consortium. \$60,000.



**Peters, Siriporn.** Art, Communication and Theatre:

*Native American Art in Oklahoma*. Oklahoma Arts Council. \$2,200.

*Touch and See Your Park*. National Endowment for the Arts. \$10,000.



**Hubin, Tim.** Chemistry and Physics. *Oklahoma Louis Stokes Alliance for Minority Participation – Phase V*. National Science Foundation \$19,825.

## PROPOSALS



**Baugher, Madeline.** Business and Computer Science. *Space Grant Opportunities in NASA STEM*. National Aeronautics and Space Administration. \$46,251.



**Hubin, Tim.** Chemistry and Physics:

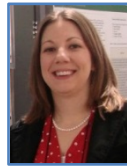
*ACS New Orleans, Spring 2018*. OK-INBRE Travel Grant. \$2,200.

*Tunable pyridine-based tetra- and penta-aza macrocyclic small molecules as catalyst scaffolds*. National Science Foundation. \$236,511.



**Misak, Doug.** Center for Economic and Business Development. *Southwest Oklahoma Impact Coalition*. \$59,641.

## Grants, Contracts, and Proposals (cont'd)



**Appeddu, Lisa** (Pharmaceutical Sciences), **Lori Gwyn** (Chemistry and Physics), **Jorie Edwards** and **Kristin Woods** (Psychology), **Kathy O'Neal** (Mathematics), **Erin Ridgeway** (Library), and **Cindi Albrightson** (Engineering Technology). *SAGE STEAM Camp*. Devon Energy. \$25,000.

### 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](http://www.swosu.edu/administration/osp/osp_interest_survey.aspx)

## Funding Opportunities

**Deadline Date(s):** Applications are due December 31, annually

**Funding Agency:** Kelly Cares Foundation

**Program Title:** Education Grants

**Website:**

[http://www.kellycaresfoundation.org/contributions/grant\\_application](http://www.kellycaresfoundation.org/contributions/grant_application)

**Synopsis:** The Kelly Cares Foundation supports organizations, initiatives, and programs that closely align with the Kelly family's goals and values. The foundation's three funding areas are health, education, and community. Within the area of education, the foundation funds educational research and supports institutional advancement at all levels and capacities. Nonprofit 501(c)(3) organizations are eligible to apply. Interested applicants should have other sources of funding available. Applications demonstrating collaborative efforts with partnering organizations are given priority. Applications must be submitted by email.

**Funding Range:** Three grants ranging from \$5,000 to \$10,000 are awarded.

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

**Funding Agency:** Sidney Stern Memorial Trust

**Program Title:** Education Grants

**Web site:** <http://sidneysternmemorialtrust.org/>

**Synopsis:** The Sidney Stern Memorial Trust supports charitable, scientific, medical, and educational organizations. The trust seeks to support soundly managed charitable organizations giving service with broad scope, have a substantial effect on their target populations, and contribute materially to the general welfare. In order to be eligible, organizations must maintain 501(c)(3) status. Applications and guidelines are available online.

**Funding Range:** Awards Vary

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

**Funding Agency:** Shell Oil Company

**Program Title:** Educational Grants

**Web site:** <http://www.shell.us/sustainability/request-for-a-grant-from-shell.html#vanity-aHR0cDovL3d3dy5zaGVsbC51cy9lbnZpcm9ubWVudC1zb2NpZXR5L2dyYW50Lmh0bWw>

**Synopsis:** Shell makes educational grants to qualified nonprofit groups, with special



## Funding Opportunities (cont'd)

consideration given to requests from organizations in or near communities in the United States where Shell Oil Company has a major presence.

These include increasing interest in technical careers among students, and professional development in science and mathematics for educators. At the university level, Shell supports programs that aid engineering and geoscience students and departments. Of particular interest are programs in mathematics, science, and technology that engage women or girls and minority students, and within academic institutions that have ethnically diverse enrollments.

Nonprofit organizations are eligible to apply. Each application must include a brief statement describing the program's purpose, alignment to Shell guidelines, and quantifiable outcomes. Grants are made on a one-time basis. Groups that have previously received support from Shell may submit a new grant application but do not receive funding priority. Note that because of the volume of requests, Shell does not provide information on the status of grant applications. Applications must be submitted online.

**Funding Range:** Awards Vary

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**Deadline Date(s):** Applications are accepted year-round, and are reviewed by the selection committee as they are received.

**Funding Agency:** Saxena Family Foundation

**Program Title:** Saxena Family Foundation Grants

**Web site:**

<http://www.saxenafoundation.com/guidelines.html>

**Synopsis:** The Saxena Family Foundation has a particular focus on initiatives that promote US science, technology, engineering, and mathematics (STEM) education and the empowerment of girls, female children, and young women so that they have equal rights later in life. The foundation focuses on empowerment programs to include economic, educational, and political empowerment of women through literacy programs, jobs, and life-skills training. Previous grantees have included schools, universities, and nonprofit organizations.

When considering the award of grants and scholarships from the foundation, the selection committee weighs a variety of factors. The grant application is reviewed with other eligibility factors, which are as follows:

- Organizations must be classified as tax-exempt under section 501(c)(3) and as public charities under section 509(a); organizations cannot be a private foundation under section 509(a). For-profit organizations are not eligible for funding.
- Churches and religious organizations may be eligible to receive funding for activities that are nonsectarian and benefit the larger community.
- While some unrestricted funding is provided, the foundation prefers to fund specific projects.

**Funding Range:** Most awards range from \$5,000 to \$50,000.

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

**Funding Agency:** SC Johnson

**Program Title:** Education Grants

**Website:**

<http://scjohnson.com/en/commitment/socialresponsibility/philanthropy/ApplyingForGrants.aspx>

**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.

## UPCOMING EVENTS

### **8<sup>th</sup> Annual Promoting Undergraduate Research Conference – September 29, 2017, 8:30 a.m. – 4:00 p.m.**

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

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

Registration: <http://www.okhighered.org/grant-opps/ug-student-research.shtml#2017ugr>

Transportation will be provided by the Office of Sponsored Programs. Contact OSP at ext. 7012 if you need transportation to the conference.

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

Request for Nominees: The Oklahoma State Regents for Higher Education (OSRHE) and the Oklahoma Experimental Program to Stimulate Competitive Research (OK EPSCoR) Advisory Committee have invited Southwestern Oklahoma State University to participate in a celebration and recognition of undergraduate research on **Monday and Tuesday, March 26-27, 2018**. Sponsored actually by OSRHE, EPSCoR, and the National Science Foundation, **Research Day at the Capitol** was developed to showcase the outstanding undergraduate research being conducted at Oklahoma's colleges and universities in the areas of science (including social science), technology, engineering, and mathematics. **SWOSU has been invited to select one outstanding research project – with the lead undergraduate student on the project representing the University. The student must be an Oklahoma resident.**

The nominated students from colleges and universities across the state will prepare poster displays to be presented and judged at the **Hyatt Place Hotel** in Oklahoma City on **Monday, March 26, 2018**. On **Tuesday, March 27, 2018**, the students will go to the **State Capitol** to visit with their districts' State Senators and Representatives.

**Nominations and Deadline**: The University Research and Scholarly Activity Committee (URSAC) will select one student research project in the areas of science (including social science), technology, engineering, and mathematics to represent SWOSU. To be considered, faculty members must submit an **OSP Nomination Form** Microsoft Word to the Office of Sponsored Programs at [osp@swosu.edu](mailto:osp@swosu.edu). **The deadline for nominations to OSP is October 9, 2017.** SWOSU's nomination is due to EPSCoR no later than **November 1, 2017**.

### **Oklahoma Women in Higher Education – Fall Luncheon, November 17, 2017 at 11:30 a.m.**

Location: University of Central Oklahoma, Nigh University Center Ballrooms A & B, 100 North University Drive, Edmond, OK.

### **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

Website: [http://www.cur.org/conferences\\_and\\_events/student\\_events/ncur\\_2018/](http://www.cur.org/conferences_and_events/student_events/ncur_2018/)

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