

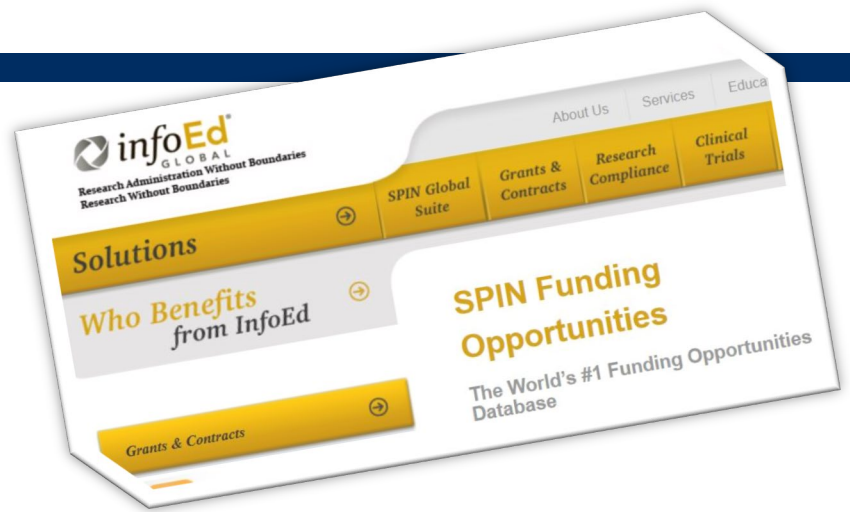
SPIN to Replace PIVOT

by Gena Ford

ORSP is happy to introduce SPIN, the University's new search engine for grants hosted through the Chambers Library. SPIN replaces COS Pivot, and similar to COS Pivot, it offers active searching, automated opportunity matching, and daily opportunity notifications.

To access SPIN, log in to the Chambers website and search "SPIN." If your computer is within UCO's IP range, you can begin searching. If you are prompted to sign in to gain access, you may not be within the IP range.

You have the option to search as an anonymous user or you can create a profile. To create a profile, click on "sign in," and you will see the option to "create a new profile." Fill in the requested information and submit, and an administrator with the Chambers library will approve your request. Creating a profile allows you to have additional functionality such as saving searches and activating SMARTS notifications.



SPIN offers you three different search modes: text search, keyword search, and advanced search. Text search is the default search mode, and it permits the user to type in topic words and then sifts through over 40,000 grants, returning those that contain the search word. The keyword mode allows the user to choose topic words from a list of terms presented via main topic, sub topic, and then specific keyword. Advanced search offers the most flexibility. Rather than searching through all the text of a grant announcement, this mode allows the user to search specific areas of text such as the

eligibility text or the objectives text within the grant. Additional fields can also be added to customize your research.

Please feel free to contact Gena Ford or Gina Gordon in the ORSP office if you have any questions about SPIN. ■



The AVP Connection: *NCUR 2018 Success!*

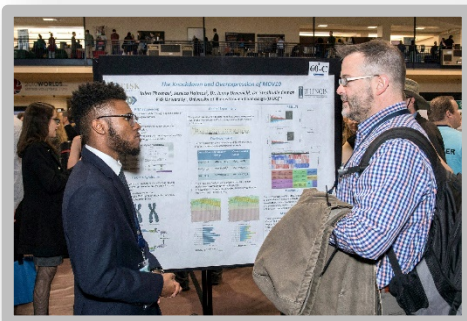
by Gregory Wilson, PhD, Assistant Vice President, ORSP

Success, as we know, is measured in many ways. From a variety of perspectives, including increasing the diversity of participants to offering pre-conference workshops, the **National Conference of Undergraduate Research (NCUR)** held on the UCO campus April 4-7 of this year was, by all means, a **success**. Not only was this the first time NCUR was hosted by UCO, it was also the first time it was held in the state of Oklahoma.

The data obtained for our final report demonstrated that there were 4,218 attendees representing 403 institutions, both nationally and internationally. Such a phenomenal endeavor to host so many young academics could not have occurred without long-term planning and coordination from all those who work to make the university and campus life operate smoothly on a daily basis. From the IT center to the campus police, abstract reviewers, the janitorial staff, as well as community members to local businesses (near and far), and so many others, we

couldn't have asked for better results. Some of the conference highlights include:

- 4,000 abstracts submitted and 3,703 approved
- 210 abstract reviewers
- 1,620 poster presentations and 1,273 oral presentations
- 33 performing arts presentations
- 26 visual arts exhibits
- Over 1,000 volunteers
- 98 graduate schools participated
- 203 NCUR participants attended the pre-conference workshops
- 843 registered participants from Oklahoma
- 24 percent of students were from underrepresented ethnic backgrounds
- 24 percent of students in attendance were first generation college students
- 4,150 pounds of waste was diverted from the landfill through recycling or turning it into compost used for erosion control and gardening. ■



An NCUR 2018 presenter answers questions about his research during the poster presentations in the Wellness Center.

The *Submission* Connection:

Cayuse 424: Electronic Routing



In 2012, UCO implemented a web-based “system to system,” electronic proposal submission process using the software, [Cayuse 424](#). It interfaces with [Grants.gov](#), the primary online portal for federal proposal submissions.

Why do we use Cayuse 424, instead of submitting directly through Grants.gov? The main reasons are to simplify and streamline the submission process throughout the university using the following features:

- Saves **key information** and **auto-populates** submission forms (e.g., DUNS #, legal name)
- **Stores** pdf and Word documents
- Allows for electronic **reports** of archived proposals
- Allows for **electronic routing**
- Built-in **error checking** with a **99% success rate** in submissions

Who uses Cayuse 424? The program is used widely at a variety of universities, research institutions, and foundations across the country.

What are the benefits of Cayuse 424 to the UCO community? There are many benefits to using Cayuse 424, which primarily include the following:

- It is **cloud-based**, centralizes most grant applications (can be accessed anywhere)
- It is **time efficient**

- **Central reporting** is easier for the ORSP and Grants & Contracts offices
- It enables **deans** to **access** their college’s grant seeking, submission, and funded statistics
- It includes **privacy** control features

Electronic Routing: One of the untapped features, until now, is the electronic routing feature. Full implementation on campus is anticipated during the **2019 spring semester**, which is expected to further streamline the slower and often cumbersome process of paper routing and budget approvals.

For access information and training, please contact Gena Ford, Gina Gordon, or Rachel Waldrop-Holzhauser in the ORSP office. Instructions are also available on the ORSP [website](#), and a calendar of upcoming workshops is available on page 5 under “Additional Resources.” ■

Inner Grant Writer (Cont'd from page 1)

applications, including external peer reviewers. Therefore, applying for on-campus grants can give the applicant the necessary experience needed when applying for (the typically larger funded) external grants.

Ask for Help

For the independent thinker and the self-sufficient researcher, asking for help is not always the easiest thing to do. With grant applications, it takes a team, or rather a network of resources, who can assist in the different aspects of the proposal process. If you feel you are completely lost, please feel free to visit your college’s [grant liaison](#) or our office, ORSP in NUC 341, where you can rub our baby Buddha’s belly, squeeze our foam brain, or consult with bobble head Princess Leia while exploring the best course of action to take.

Don’t be Afraid to Fail

When searching for quotes on failure, there is definitely not a shortage of ones from the most successful and well-known names throughout history or in modern times. The one common thread throughout these quotes is **persistence**. If you keep trying to make a basket (aside from any real and extenuating circumstances), you’ll eventually make one.

During a recent workshop, one seasoned researcher discussed how she and her team had applied to the same federal grant program for six years, and finally, after the seventh try, the proposal was funded. Each time they rewrote, they crafted a better proposal. ■

ORSP’s Grant Writing Tips

1. **Search for previously funded proposals:** Check to see if the funding agency/organization has previously funded proposals available. Reading these can provide ideas of the types of research/programs they are funding.
2. **Start early:** Don’t wait until the grant announcement is released. Look up past RFPs (Request for Proposals) to see what the agency will be requesting. Begin forming your team and planning your project up to a year in advance.
3. **Read the RFP carefully:** The agency may say one thing on page three, but they may give more information on page 103. It’s important to read every page. Don’t risk having a proposal discarded because of missed instructions.
4. **Submit early.** No matter how prepared you are, problems can arise at the last minute. Give yourself plenty of time to address any issues. We recommend submitting one week in advance of the deadline.
5. **Ask a grant writer.** Ask an ORSP grant writer, ([Gena Ford](#) or [Gina Gordon](#)), or your college’s [grant liaison](#) for assistance at any point. They can help with proposal preparation, budget development, or gathering data. ■



The Funding Spotlight

Each year, many UCO faculty and staff are awarded grant funds from internal and external resources to assist in program development, research, and capacity building projects. The additional funds assist in creating and enhancing a vibrant educational community on campus and beyond.



In this issue, we highlight two faculty members, Dr. Kanika Bhargava and Dr. Josie Cheng, who were recently awarded federal grant funds to support both community development and research through interdisciplinary projects. We have asked each to reflect on their experiences developing their grant proposals, along with any insights they gained in that process.

Principal Investigator: Dr. Kanika Bhargava, Assistant Professor

Funding Agency: U. S. Department of Agriculture, National Institute of Food and Agriculture

Amount: \$149,490

Award Date: July 2018

Title/Description: Enhancing Food Science Capacity through Transformative Learning Experiences in Education and Research

Q&A:

Gina Gordon: Dr. Bhargava, how many times did you submit before you were awarded?

Dr. Bhargava: I applied three times. Generally, applicants stop applying after three attempts. However, when I talked with the program officer, she provided me some insights on improvement. She encouraged me to reapply. So, I thought to give it a final try.

GG: Describe some of the hurdles you experienced in developing your project and submitting the proposal prior to receiving funding?

Dr. Bhargava: I experienced several challenges while developing this proposal. With limited experience in writing the capacity building grants, I decided to serve on grant review panels and attend grant writing workshops. I personally met with program officers to understand the system. My collaborator from another institute left his job, and I had to reframe the proposal and fill in his role one month before the submission due date. It was such a learning experience!

GG: What advice would you pass on to other PI's or proposal teams when working through an application?

Dr. Bhargava: I would recommend to keep trying and learn from earlier mistakes. Take reviewer comments seriously and work on improving the proposal. Generally, reviewers want to see big impacts and attention to details. Applicants should write a draft proposal and ask a colleague to read and give them feedback. Don't be afraid to ask for help. ORSP helped me in all parts of my grant writing process. Hard work, attention to detail, and perseverance is the keys to success here!



Principal Investigator: Joselina Cheng, Ph.D., College of Business

Funding Agency: National Science Foundation

Amount: \$830,871

Award Date: March 2018

Title/Description: Strategies: A Government-University-Industry Partnership and STEM CareerBuilder for the R&D of an Innovative Computer Forensics Program & an Education-Career Pathway for Girls

Q&A:

Gena Ford: Dr. Cheng, would you describe your project?

Dr. Cheng: UCO will partner with government, business, industry, and community to design, develop, implement, and evaluate an innovative summer program training girls in Computer Forensics. Over a three-year period, 30 high school STEM teachers and 150 girls will be randomly selected to attend a two-week hybrid Computer Forensics Academy designed with age-appropriate STEM curriculum, job shadowing, and human-computer simulation learning.

GF: How many times did you submit before you were awarded?

Dr. Cheng: Five times over a five-year period

GF: Do you have any advice for other grant writers?

Dr. Cheng:

1. Network and collaborate with partnering institutions at the community, state, federal, and international level if possible.
2. Sign up as a grant proposal reviewer (e.g. NSF).
3. Leverage uniqueness – girls for IT, Oklahoma is an EPSCoR state, high population of diverse ethnicity (e.g., American Indians), underserved population (e.g. socio-economically disadvantaged students on lunch program), UCO's transformative learning.
4. Accept constructive criticism – difficult but critical; take a breather and allow time to internalize.
5. Cultivate a professional and good working relationship with program officers. If you are a TL Scholar and the budget allows, visit the program officers in DC.
6. Work closely with Hanover [Research Services]! Special thanks for Tom Kuhn and Katie Bristow. Tom is excellent. ■

Additional Resources

External Grant Opportunities

The U.S. Department of Justice, Office of Violence Against Women Grants to Reduce Sexual Assault, Domestic Violence, Dating Violence and Stalking on Campus Program

The Campus Program strengthens the response of institutions of higher education to the crimes of sexual assault, domestic violence, dating violence and stalking on campuses and enhances collaboration among campuses, local law enforcement, and victim advocacy organizations. See <https://www.justice.gov> for details.

Estimated release date: January 2019

Association for Asian Studies

The Association for Asian Studies (AAS) is a scholarly, non-political, non-profit professional association open to all persons interested in Asia and the study of Asia. AAS offers several grants to support the research of North American scholars to improve the quality of teaching about Asian cultures at the college and pre-college levels. Grant amounts, details and deadlines vary according to program. See <http://www.asian-studies.org/> for details.

Full Proposal Deadline: February 1, 2019

Building Bridges and Cultural Exchange Fund

Building Bridges supports U.S.-based performing arts presenting organizations interested in building interdisciplinary cross-campus and community collaborations that expand awareness, knowledge and understanding of Muslim societies. APAP will administer up to eight grants of \$100,000-200,000 each. See <https://www.apap365.org/> for details.

Full Proposal Deadline April 30, 2019

Institute of Museum and Library Services

National Leadership Grants for Museums (NLG-M) support projects that address critical needs of the museum field and that have the potential to advance practice in the profession so that museums can improve services for the American public. The grant amount is \$5,000-\$1,000,000. NLG-M has five project categories. Note that these categories are changing for FY 2019 and are different from those in the FY 2018 NOFO:

Collections Care and Public Access
Data, Analysis, and Assessment
Digital Platforms and Applications
Diversity and Inclusion
Professional Development

The grant period is up to three years. See the [Notice of Funding Opportunity \(NOFO\) for FY 2019](#) (PDF 385KB) is now available.

Deadline: December 14, 2018

On-Campus Grant Opportunities

To encourage research, creative, and scholarly activities by faculty at UCO, the Faculty On-Campus Grant Program provides several grant opportunities (listed below). Additional information for each program can be found on the [ORSP website](#).

[Mini Grant](#) [Regular Grant](#) [Community Partnership Grant](#)
[Distance Learning Research and Development Grant](#)
[Scholarship of Teaching and Learning Scholars Grant](#)
[Interdisciplinary Grant](#) [New Faculty Start-up Grants](#)
[Temporary Faculty Grant](#)
[Faculty On-Campus Grant Award Recipients](#)

ORSP Calendar of Events "Upcoming Workshops"

November 2018

Keys to a Successful Grant Proposal: Panel Presentation, Nov. 30, 1:00-2:30 pm, EDU 113. RSVP [Gena Ford](#).

January 2019

CEPS Faculty Showcase, Jan. 25, time and location – TBD
Cayuse 424, Electronic Routing, date, time, and location – TBD

February 2019

Finding Funding: SPIN and the Foundation Center, Feb. 15, time and location – TBD

March 2019

Grants 101, March 29, time and location – TBD

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