Southwestern Oklahoma State University
SWOSU Digital Commons

SWOSU OSP

OSP Newsletters

9-1-2011

September 2011

Lori Gwyn

Berva Pool

Follow this and additional works at: https://dc.swosu.edu/osp

Recommended Citation

Gwyn, Lori and Pool, Berva, "September 2011" (2011). *SWOSU OSP*. 10.
https://dc.swosu.edu/osp/10

This Article is brought to you for free and open access by the OSP Newsletters at SWOSU Digital Commons. It has been accepted for inclusion in SWOSU OSP by an authorized administrator of SWOSU Digital Commons. An ADA compliant document is available upon request. For more information, please contact phillip.fitzsimmons@swosu.edu.

OFFICE OF SPONSORED PROGRAMS

Dr. Lori Gwyn, Director
Ms. Berva Pool, Specialist

SWOSU OSP

VOLUME 2, ISSUE 2 9/29/2011

INSIDE THIS ISSUE:

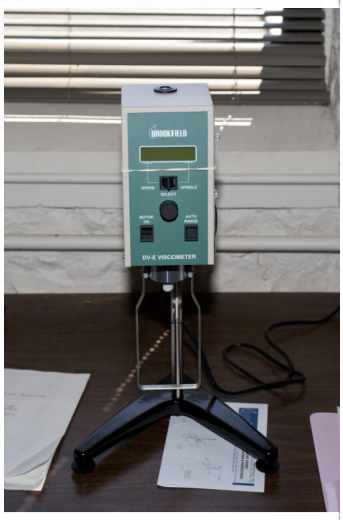
Spotlight on Engineering Technology	1
Grants and Contracts Awarded	2
Presentations And Publications	2
Funding Opportunities	3
Compliance: Human Subjects	5
Continuing Education	6

SPOTLIGHT on Engineering Technology



eXpert Dual Column Universal Electromechanical Testing machine.

This past year, Brad Bryant, Chair and Instructor, along with the faculty in the Engineering Technology Department, were recipients of a grant from the U.S. Department of Education. The purpose of the grant was to purchase necessary equipment and software for students attending SWOSU to gain hands on experience with leading edge technologies used in industry. In the surrounding photos are examples of some the equipment made possible with the grant. For more information concerning the equipment, please contact Brad Bryant at brad.bryant@swosu.edu.



Brookfield RVDV-E Laboratory Viscometer



HAAS SR-100 Router Table with a 4.0' x 8.0' materials area.



HAAS TL-1 CNC/ Manual Tool room Lathe

OKLAHOMA RESEARCH DAY

Oklahoma Research Day will be November 4, 2011 at Cameron University. Abstract and Banquet Registration is online at www.cameron.edu/okresearchday. The registration deadline is September 30, 2011. SWOSU will provide mini-buses to Lawton for faculty and students. Contact the Office of Sponsored Programs (x7012) if you are interested in riding the bus so that an accurate headcount can be obtained. Hope to see you there!

UPCOMING EVENTS:

- Oklahoma Research Day November 4, 2011 at Cameron University visit www.cameron.edu/okresearchday for details
- OK-EPSCoR White Papers deadlines: Oct. 11, 2011 and January 6, 2012. Visit www.okepscor.org
- Deadlines for the various OK-INBRE grants are January 16, 2012 and February 20, 2012 Visit http://okinbre.org under Funding Ops for more details

Office of Sponsored Programs
Administration 201
(580) 774-7012

GRANTS AND CONTRACTS AWARDED

Robbie McCarty, "Teacher Support for MSP," Banc First, Mid First Bank, First National Bank, Southwest National Bank, $200.

Doug Misak, "Southwest Oklahoma Enterprise Institute (SOEI-212) year 2," U.S. Department of Commerce, Economic Development Administration (EDA), $112,850.

Xiaomiao Wang and Todd Parker, "The Circular Movement in Cheyenne and Arapaho Culture," National Endowment for the Humanities through the Oklahoma Humanities Council, $6,500.

PRESENTATIONS AND PUBLICATIONS

Stephen Burgess, Psychology, published a journal article in *Reading Improvement* entitled "Teachers' leisure reading habits and knowledge of children's books: Do they relate to the teaching practices of elementary teachers?"

Stephen Burgess, Psychology, published a journal article in *Early Child Development & Care* entitled "The home literacy environment provided to very young children."

Chelsea Church, Pharmacy Practice, exhibited a poster at the American Association of College's of Pharmacy entitled "Lifetime Publication Records of Basic Science Faculty in Research-Intensive Colleges of Pharmacy."

Christine Cox, Pharmacy Practice, presented a poster at the American Association of Colleges of Pharmacy and published an abstract in the American Journal of Pharmaceutical Education entitled "Yearly Publication Records of Basic Science Faculty in Research-Intensive Colleges of Pharmacy.

Tim Hubin, Chemistry/Physics, presented a poster at the The University of Oklahoma Health Sciences Center Summer Program Poster Session; entitled "Unsymmetric Linked Macrocycles and Their Metal Complexes as CXCR4 Antagonists."

Tim Hubin, Chemistry/Physics, presented a poster at the International Conference on Bio-Inorganic Chemistry and at the National Conference on Undergraduate Research entitled "Synthesis and Evaluation of Transition Metal Complex Dual CXCR4/CCR5 Antagonists."

Tim Hubin, Chemistry/Physics, presented a poster at the Council for Undergraduate Researchers-Posters on the Hill entitled "Development of Potential Anti-HIV & Antimetastitic Drugs: C-Symmetric Tris-Linked Bridged Tetraazamacrocycles as Potential CXCR4 Antagonists."

Tim Hubin, Chemistry/Physics, presented a paper at the INBRE External Advisory Committee Meeting entitled "Development and Screening of Transition Metal Complexes as CXCR4 Antagonists."

Tiffany Kessler, Pharmaceutical Sciences, presented two posters at the 2011 American Association of Colleges of Pharmacy Annual Meeting entitled "Perceptions of Substance Use Among Pharmacy Students," and "A Capstone Laboratory Experience to Integrate Pharmacy Curriculum."

Dennis Thompson, Pharmacy Practice, published three journal articles in the *American Journal of Pharmaceutical Education* entitled "Ranking of colleges of pharmacy based on perception, research, teaching, and value," "Yearly publication records of basic science faculty in research-intensive colleges of pharmacy," and "Lifetime publication records of basic science faculty in research-intensive colleges of pharmacy."

CUR WORKSHOP OPPORTUNITY

Beginning a Research Program in the Natural Sciences at a Predominantly Undergraduate Institution

November 18-20, 2011, Hope College, Holland, MI
Application Deadline: October 10, 2011

Starting a successful research program and doing scholarly work at a predominantly undergraduate institution poses unique challenges for a beginning faculty member. A goal of the institute is to give pre-tenured faculty the opportunity to learn from and discuss with experienced faculty how to establish and manage a research program with undergraduates. While at the institute, participants will also prepare plans for starting and/or advancing their individual research programs at their respective campuses. A range of topics will be covered during the institute, and the specific goals include ways to achieve career success in undergraduate research by learning how to:

- select undergraduate researchers
- mentor student researchers and develop and use their research skills
- time management - balancing teaching, research and service activities
- develop and select research projects appropriate for undergraduates
- adapt to an undergraduate research environment vs. that in graduate school
- link research to the classroom and
- develop grantsmanship skills related to gaining external and institutional research support.

For additional information about this Institute, or to apply, please visit the Council on Undergraduate Research (CUR) website: http://www.cur.org/institutes/newfaculty.html



Weber State University in Ogden, Utah, is hosting the **2012 National Conference on Undergraduate Research**, March 29-31, 2012.

Undergraduate students who have participated in research, or other forms of scholarly, creative or artistic work, may submit an abstract to NCUR for possible acceptance and presentation. NCUR will accept abstracts starting October 3, 2011.

Faculty are invited to submit proposals for faculty sesions. The theme for faculty sessions is "Undergraduate Research in Times of Financial Constraints".

Important Abstract Deadlines

October 3, 2011: Online abstract submission opens
November 15, 2011: Online abstract submission ends and faculty session submission ends
January 6, 2012: Notification of decision on abstracts

For more information, visit weber.edu/ncur2012.

Posters on the Hill

The Council on Undergraduate Research is currently accepting applications for the 2012 Posters on the Hill. This program highlights undergraduate research achievements to our nation's leaders in Washington, D.C. Last year, 75 students out of ~700 applications were invited to attend this prestigious event and SWOSU was the only school from Oklahoma invited to attend.

Deadline for application submission is October 18, 2011. For more information please visit the website: http://www.cur.org/postersession.html

CUR defines Undergraduate Research as "an inquiry or investigation conducted by an undergraduate student that makes an original contribution to the discipline." Therefore, students from all disciplines are encouraged to apply.

Check out our updated website at www.swosu.edu/administration/osp

Have you recently presented a poster of your work at a meeting? Send us a pdf file of your poster and we will add it to our online poster session. Let's share our great works!

FUNDING OPPORTUNITIES

Oklahoma Department of Transportation
National Summer Transportation Institute Program

The Oklahoma Department of Transportation is partnering with the Federal Highway Administration (FHWA) and seeking an accredited college/university to host the 2012 National Summer Transportation Institute (NSTI) Program. This program introduces high school students (rising 9-12) grades to all modes of transportation-related careers and works to encourage transportation-related courses at a college/university. Program can either be residential or non-residential, with a miniumum of 15 participants, and range from 2-4 weeks in duration.

Please visit the website for more information: www.okladot.state.ok.us/purchasing/index.htm

Deadline for proposal submission is October 19, 2011 at 3:30 p.m.

National Endowment for the Arts
Literary Translation into English

Through fellowships to published translators, the Arts Endowment supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. We encourage translations of writers and of work which are not well represented in English translation. All proposed projects must be for creative translations of literary material into English. This is a $25,000 grant.

Please visit the website for more information: www.arts.gov/grants/apply/LitTranslation/index.html

Deadline Date - January 5, 2012

PROPOSAL DEVELOPMENT AWARDS

The FY12 SWOSU Faculty Proposal Development Award (PDA) submission deadline is January 20, 2012 by 5:00 p.m. to the Office of Sponsored Programs. This year two awards up to $6,000 each (for a total of $12,000) are available. The intent of this University award is to provide faculty with financial resources to draft proposals for external funding. An informational workshop will be held on November 15, 2011, at 10 a.m. in CPP 252 presented by Dr. Jason Johnson.
For more information please visit the website:
http://www.swosu.edu/administration/osp/info/pda.asp or contact OSP at 774-7012.

NSF EPSCoR
CALL FOR PRE-PROPOSALS

Track-2 Pre-proposal submission:

Oklahoma EPSCoR is requesting Research Infrastructure Improvement Program Track-2 (RII Track-2) pre-proposal submissions, for possible inclusion in the state's RII Track-2 proposal to NSF. This pre-proposal request is made in anticipation of the formal NSF competition announcement, which is expected later this fall.

To facilitate successful pre-proposal planning, the Oklahoma EPSCoR office will hold four general information and Q&A sessions throughout the state. Meetings are scheduled in Tulsa, Stillwater, Norman and Weatherford.

To be considered for inclusion in the formal Oklahoma 2012 Track-2 application, a White Paper must be submitted to the Oklahoma EPSCoR Advisory Committee for review.

The deadline for White Paper submission is 5 p.m. Monday, October 10, 2011.

The formal NSF submission deadline for states' proposals will most likely be March, 2012.

For more information please visit: http://www.okepscor.org/research/funding-opportunities/nsf-epscor-call-pre-proposals-2012-rii-track-2-award-competition

Track-1 Pre-proposal submission:

Oklahoma is making plans to submit a new application in Fall 2012 for continued support through the National Science Foundation's (NSF) Research Infrastructure Improvement (RII) Track-1 Program. Pre-proposals to establish the new scientific research theme(s) are now being solicited.

The current Oklahoma RII Award, which began in September, 2008, supports research infrastructure development in the discipline of cellulosic bioenergy. One-to-two new scientific themes will be selected through the pre-proposal process for the 2012 application**.** To be considered for the Oklahoma 2012 Track-1 theme, White Papers must be submitted for review by the Oklahoma EPSCoR Advisory Committee.

The deadline for White Paper submission is 5 p.m. Friday, January 6, 2012.

For more information please visit: http://www.okepscor.org/research/funding-opportunities/nsf-epscor-call-pre-proposals-2012-rii-track-1-award-competition

COMPLIANCE CORNER
THE PROTECTION OF HUMAN SUBJECTS

The Protection of Human Subjects Committee (PHSC) is SWOSU's Institutional Review Board (IRB) for **any** research activity involving human subjects. This board is mandated by federal law and is charged with maintaining compliance with federal regulations that apply to research involving human subjects.

The **Policy and Procedures for the Protection of Human Subjects (PHS) in Research Activities document** is located on the SWOSU Sponsored Programs web site under Office of Sponsored Programs / Policies and Procedures / Protection of Human Subjects or click on: http://www.swosu.edu/administration/osp/policies.asp**.** It is important to read and understand SWOSU's policy and procedures regarding human subjects.

Any research activity by faculty, staff, and students involving human subjects or use of data on human subjects including survey research, questionnaires, or any form of information-seeking documentation, even if it is archived data or reused data, that will be or has been conducted on or in any SWOSU campus or facilities or supported by University resources, **must be reviewed and approved by the PHSC prior to beginning the research.** The PHSC must keep records of all activity involving human subjects for federal auditing purposes.

Any change in the title of an approved protocol must be reported in writing to the PHSC Chair prior to the change being made or presented in a public manner. The Chair will approve and record the title change. The PHSC must keep records of all changes for federal auditing purposes.

Any changes that alter the original intent of a previously approved study will require a new Human Subjects Application to be submitted to PHSC for approval. Committee approval must be provided prior to the changes taking effect. The PHSC must keep records of all changes for federal auditing purposes.

The **Application to Protection of Human Subjects Committee** (IRB # HS-1) can be located on the SWOSU forms site under Grants and Research / or click on **http://www.swosu.edu/resources/forms/category/grants-research.asp.**

Please review and refer to these important university documents for applicability, definitions, exemptions, etc.

If your research protocol involves health-related participants, health records, health information, or privacy statements**,** please review the section of the Health Information Portability and Accountability Act regarding health-related research. A link to the **Health Services Research and the HIPAA Privacy Rule Overview** may be located on the SWOSU Sponsored Programs web site under Office of Sponsored Programs / Policies and Procedures / Protection of Human Subjects or click on: http://privacyruleandresearch.nih.gov/healthservicesprivacy.asp.

Some projects may not be subject to review by the IRB. If unsure whether a completed Application to Protection of Human Subjects Committee is needed, please submit a **Protection of Human Subjects Committee Preliminary Application** (IRB #HS-4). This application can be located on the SWOSU forms web site under Grants and Research or click on **http://www.swosu.edu/resources/forms/category/grants-research.asp.**

If you have questions or for additional information, contact a member of the Protection of Human Subjects Committee or call the Office of Sponsored Programs (OSP) at ext. 7012. Dr. Michael Wolff (3720) is chair of the PHSC.

Protection of Human Subjects Committee 2010-2011

Dr. Michael Wolff, Chair
Dr. Mary Aspedon
Dr. Lisa Boggs
Dr. William Kelly
Dr. Scott Long
Dr. Barbara Patterson
Dr. Valerie Reimers
Rev. Leonard Gillingham

Ex-Officio: Dr. Lori Gwyn

CONTINUING EDUCATION

Mineral Owners and Public Invited to Free Seminars at SWOSU

October 13th, 27th, and November 10th

Three free seminars for mineral owners and interested parties in western Oklahoma are planned in October and November at Southwestern Oklahoma State University in Weatherford.

The Continuing Education seminars on Thursday nights will focus on exploring issues regarding oil and gas in Oklahoma and will feature: Oklahoma Corporation Commissioner Dana Murphy, Chesapeake Operations Engineers Daren Rader and James Roller, and attorneys David Duncan and Mart Tisdal.

The public is invited and encouraged to attend on October 13, October 27 and November 10. Each session will last from 6-8 p.m. at the SWOSU Conference Center.

Topics are:

- October 13 "Oklahoma Unconventional Oil and Natural Gas Production: An American Energy Answer"
  Speakers: **Daren Rader** and **James Roller**, Chesapeake Energy Corporation
- October 27 "The Changing Dynamics of Oklahoma Energy and the Oklahoma Corporation Commission"
  Speaker: **Dana Murphy**, Oklahoma Corporation Commission Chair
- November 10 "Legal Aspects of Mineral Rights and Property Management"
  Speakers: **David Duncan** and **Mart Tisdal**

For additional information, please contact the SWOSU Office of Continuing Education at (580) 774-7012 or osp@swosu.edu.