



## 2007 FACULTY RESEARCH GRANTS AWARDS

The SFA University Research Council recommended ten faculty projects for support with total funding of \$176,895 for FY2007, which were approved by the Provost. These Faculty Research Grants provide substantive support for research and scholarly creative activities. Through an annual competition held during the spring semester, funds are awarded for the upcoming fiscal year. Financial support for these awards is provided through state legislative funding.

**Dr. Beatrice Clack - *Biotechnology***

Purification and Identification of Novel Anti-cancer compounds from *Rumex crispus*

**Mr. Charles Jones - *Art***

THE BEAR WENT OVER THE MOUNTAINS: Reflections on the Vietnam War

**Dr. Alexander Karatayev and Dr. Lyubov Burlakova - *Biology***

Predicting the Spread and Ecosystem Impact of Exotic Bivalve *Limnoperna fortunei* on North American Freshwaters

**Dr. Chunmei Li - *Chemistry***

Synthesis of Nanocatalysts

**Dr. Ennis Donice McCune - *Mathematics & Statistics***

Nonparametric Transformation of the Data to Obtain Bias Reduction in Kernel Estimation of the Distribution Function of Nonstandard Mixtures

**Dr. Brian Oswald and Dr. Christopher Comer - *Forestry***

The Effects of Fire Management on Avian Species in Missouri Ozark Woodland Habitats

**Dr. Donald Pratt and Dr. David Creech - *Biology and Agriculture***

Exploiting Genetic Diversity in Taxodium

**Dr. Robert Szafran - *Sociology***

Measuring Population Decline: Its Extent, Source and Exposure in America's 677 Declining Counties

**Dr. Stephen Taaffe - *History***

Selection and Retention of Union Navy Squadron Commanders

**Dr. Robert Wiggers - *Biology***

Effects of Elevated Atmospheric Carbon Dioxide on the Development and Reproduction of Root-knot Nematodes (*Meloidogyne arenaria*) on the Host Plant *Vicia faba* (Broad Bean)

### ***SFA Directory of Faculty Research and Creative Interests!***

ORSP has published an updated edition of this resource for the SFA community. The directory serves as a central source of information about faculty members' professional experience, research interests, and creative endeavors. It also includes a list of specialized facilities and equipment that may be made available to the SFA community for collaborative use. Copies are available at the Faculty Excellence Center and ORSP Web site.

This is a great way to expand your networks and get a taste of the wide variety of interests and projects across campus. If you didn't get your entry to us this year, please consider sending one to ORSP now so that we can include it in the next edition. Forms (a new short version) as well as a PDF version of the directory are available on-line!

Go to - [www.sfasu.edu/orsp/Networking/resdirectory.html](http://www.sfasu.edu/orsp/Networking/resdirectory.html)

# ORSP Update

FALL 2006

The Office of Research and Sponsored Programs is pleased to welcome two new members to the department this fall - **Dr. Thomas Wheeler** and **Mrs. Angela Ford**.

**Dr. Wheeler** began his duties as Associate Vice President for Graduate Studies and Research in August. He comes to SFA from Arkansas State University in Jonesboro where he served as Director for the Molecular Biosciences program. Prior to that he held the position of Dean of Graduate College and Research Services at ASU; he has had similar posts at McNeese State University and Montana Tech. Dr. Wheeler replaces Dr. David Jeffrey who retired in July.

A face familiar to many on campus will be returning to our office. **Mrs. Ford**, who has served as grants specialist and Director of Grants Development in the Department of Human Services for the past five years, returns to ORSP in the position of Grants and Contracts Specialist. She will assist ORSP in improving technical assistance and monitoring of projects throughout the grant/contract cycle.

We are looking forward to the new academic year and are thrilled to add two such experienced people to our team.

**RESEARCH DEVELOPMENT PROGRAM AWARDS:** We are delighted to announce the awards for the 2006 competition for the Research Development Program. This exciting, new internal grant program promotes increased research capacity at SFA. Created through HB 3526, the program provides funding to Texas academic teaching institutions for new, emerging, and innovative research and multidisciplinary collaboration. This new fund differs from the current SFA Faculty Research Grants and focuses on multidisciplinary collaboration with individuals or entities that increase the university's ability to obtain outside funding. Funding for projects in the coming fiscal year totals \$262,952.

**Dr. Perky Beisel and Ms. Linda Reynolds – *History and Library***

Dr. Bobby Johnson Oral History Collection Archival Project

**Dr. Alyx Frantzen and Dr. Michele Harris – *Chemistry***

Centrifuge Addition to the Department of Chemistry

**Dr. Judith Lauter – *Human Services***

The Human Neuroscience Laboratory at SFA: Expanding the Circle

**Dr. Chris Ninness and Dr. Michael Coffee – *Human Services and Forestry***

Developing and Deploying an On-line Statistical and Artificial Neural Network Server to Facilitate Innovative Research at SFASU

**Dr. Shiyou Li and Dr. David Creech – *Forestry and Agriculture***

Identification of Antiviral Compounds from Native Pteridosphytes of North America

**Dr. Norman Markworth – *Physics and Astronomy***

The SFA Observatory in the New Age

**Dr. Alexandra Van Kley and Dr. Tim Cherry – *Biotechnology and Agriculture***

Eimeria quantification and identification assays



# ORSP TRAININGS AND WORKSHOPS

ORSP offers several opportunities for faculty and staff to learn about our services, the types of funding available, how to locate funding sources, the steps in developing proposals and project budgets, and more. All workshops begin at 2:00 pm and are held in the Wyatt Room of the Library. Each workshop is one and a half hours or less and refreshments are always provided. It's easy to sign up - just email [orsp@sfasu.edu](mailto:orsp@sfasu.edu) or call extension 6606.



## WORKSHOPS - FALL 2006

### Post-Award Procedures and Compliance Issues - *September 29*

Congratulations on your new award. Now what? Provides an overview of SFA procedures and sponsor requirements to help make your grant management experience more enjoyable.

### Grant Writing I - *October 6*

A brief overview of SFA proposal procedures, locating funding, ORSP Technical Assistance Manual, and other useful materials. *Designed for newer faculty and staff but open to anyone interested in learning more about services provided by ORSP.*

### Grant Writing II - *October 13*

Overview of proposal components, university processing, and how ORSP can help you develop project ideas and match them to funding sources. Also includes a hands-on writing experience.

### Budget Basics for Grant Proposals - *October 20*

An overview of Project Budgeting (numbers and elements) and plenty of time for your questions.

### 2008 Research Development Program Competition - *November 10*

Overview of SFA's NEW internal funding program, the **Research Development Program** grant competition. Information about the application process, proposal packet requirements, and award procedures is covered.

### Faculty Research Grants and Minigrants - *December 1*

ORSP will give an overview of the process, tips on proposal development, and distribute information to faculty who are interested in applying for a **FY 08 Faculty Research Grant**.

## WORKSHOPS - SPRING 2007

### Post-Award Procedures, Compliance Issues & Effort Reporting - *January 19*

This session will focus on effort reporting procedures as well as internal procedures and sponsor requirements to help make your grant management experience more enjoyable.

### Faculty Research Grants Panel Discussion - *January 26*

Overview of the Faculty Research Grant program from the perspective of members of the University Research Council and previous recipients of Faculty Research Grants.



# WELCOME BACK IRIS!

ORSP has renewed our subscription to The Illinois Researcher Information Service. IRIS offers three services - a **Database**, an **Alert Service**, and an **Expertise Service**.

**IRIS Database** - updated daily, currently contains over 9,000 active federal and private funding opportunities in the sciences, social sciences, arts, and humanities.

**IRIS Alert Service** - enables students, staff, and researchers to create their own search profiles. The program runs the profile against the IRIS database and delivers the search results via e-mail or the Web.

**IRIS Expertise Service** - enables researchers to create detailed electronic CVs (biosketches) and post them to a Web-accessible database for viewing by colleagues at other institutions, program officers at funding agencies, and private companies.

You can access IRIS through the ORSP Web site or directly at <http://www.library.uiuc.edu/iris/>

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## MINIGRANTS AVAILABLE FOR FY 2007

### ATTENTION FACULTY!

- *Have you run into a roadblock in your scholarly work?*
- *Do you need a little mad money?*
- *Have you exhausted other sources of funds?*

### SFA's Office of Research and Sponsored Programs is here to help!

We are pleased to announce the availability of limited funding to help you with unforeseen expenses in your creative and scholarly work.

The application process is **simple!** Just send a short e-mail to Dr. Tom Wheeler ([tomwheeler@sfasu.edu](mailto:tomwheeler@sfasu.edu)) or to Dr. Carrie Brown ([brownch@sfasu.edu](mailto:brownch@sfasu.edu)) outlining how much you are requesting and how the funds will be used to advance your work. Awards are limited to scholarly activities and usually will be for less than \$1,000 - although no request is too small. *\*Please reference the **AVP Support Fund** in the subject line of your e-mail or in the text.*

If you will need more than \$1,000 to complete your objective, you may apply for a minigrant award of up to \$2,500. To access the [minigrant application and guidelines](http://www.sfasu.edu/orsp/Forms/MinigrantApplication07.pdf), please go to <http://www.sfasu.edu/orsp/Forms/MinigrantApplication07.pdf>.

If you have any questions, feel free to contact us or stop by Liberal Arts North (LAN) 421.

#### Dr. Tom Wheeler

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Director, Office of Research and Sponsored Programs

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