

Sept.  
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# RESEARCH TRACKS

A publication of the Office of the Vice Provost for Research  
Volume VIII, Issue 2

## Field schools expose undergrads to real world of research

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### Anthropology, Forensic Science & Archaeology students get involved through summer experiences that prepare them for graduate study

As part of their commitment to undergraduate education, many Baylor departments take special steps to provide students with meaningful research experiences. One such department is Anthropology, Forensic Science & Archaeology (AFSA), where students receive an intensive experience in the “real world” of their chosen discipline.

All students who choose a major in AFSA are required to complete a six-hour summer field school, where they spend six weeks working on independent research projects of their choice. Depending on their interest, students might study prehistoric dwellings in Central Texas, or they might travel around the world to study cultures in Central America or Western Europe.

Following their field school experience, students present the results of their data at the Texas Archeological Society's (TAS) annual meeting and at Baylor's URSA Scholars Week.

Department Chair Sara Alexander has led teams of Baylor students from the Southern Appalachians to Guatemala. She said the field schools give students a



chance to learn through experience about the actual work they'll be doing after graduation.

“It's a transformative experience,” she said. “The students are not just studying abroad, they're learning field methods and analyzing real data.”

The methodology varies among students: those studying archaeology might be digging for bone fragments, while a cultural anthropology student might be learning interview techniques and using participant observation to learn about a culture. Students have the chance to apply what they've

See *Field Schools*, page 2

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**BAYLOR**  
UNIVERSITY

OFFICE OF THE VICE PROVOST  
FOR RESEARCH



## Internal Grant Deadlines

### Plan ahead for FY 13 research projects.

[Click here](#) for more information about all OVPR internal funding, or click the program names below for more information on a specific program.

#### FRIP/YIDP/URSA:



#### URC:



#### **Remember:**

To be considered complete and on time, your application must be routed electronically with approval from your chair & dean and submitted to OSP by 12 noon on the due date.

*Field Schools, from page 1:*

learned in the classroom to actual data, a skill set that AFSA faculty say makes them attractive to graduate programs or future employers.

Carol Macaulay, a lecturer in AFSA, explained that giving students a meaningful research experience is what sets Baylor's field schools apart.

"A lot of universities will put their undergraduates to work in the summer," she said, "but they often don't really let them do any analysis. We want our students to know that this isn't just about digging, you have to present your findings to your colleagues in the profession."

Brooke Bonorden, a junior anthropology major, spent a month at field school this summer on a private ranch near Gatesville. She said that connecting the hands-on experience to her in-class instruction was "an epiphany" that solidified her desire to work in archeology after graduation.

"Field school showed me the whole process from start to finish," she said. "A lot of my friends [at other universities] are reading in books about what they want to do, but I'm actually doing it."



## External Research Funding

### Baylor faculty earn prestigious grant awards

#### **NSF Major Research Instrumentation Program**

An interdisciplinary team of Baylor faculty has been awarded a Major Research Instrumentation (MRI) grant from the National Science Foundation.

The grant will support the acquisition of a high speed system for measuring fluid velocity and temperature. The equipment will help Baylor faculty from a variety of departments discover new knowledge and compete for other external funding.

Lesley Wright from the Mechanical Engineering department is the project's Principal Investigator. Co-Principal Investigators are Pat Farmer from Chemistry & Biochemistry and Stephen McClain and Ken Van Treuren from Mechanical Engineering.

#### **NEH Scholarly Editions & Translations**

Sarah-Jane Murray in the Great Texts program has been awarded a grant from the National Endowment for the Humanities to produce a new translation of an important literary work with no previous modern English translation.

Murray's translation of the *Ovide Moralisé* will make this work accessible for the first time to scholars and popular readers who are unfamiliar with the original Old French.

*Please join us in congratulating all of the faculty members involved in these exciting projects!*



## Human subjects in research seminar, September 20

The university, the Institutional Review Board (IRB), and individual investigators share a collective responsibility to ensure that research involving human subjects is guided by the highest ethical standards and is conducted in compliance with federal, state and university regulations governing such research.

Please join Dr. Michael Sherr, IRB chair, and IRB support staff to discuss ethical and regulatory underpinnings of human subjects research, training required of Baylor investigators, and the Baylor project review and approval process. The seminar will include “how to” demonstrations of our online training and proposal submission tools.

The meeting takes place on September 20, from 3:00 - 5:00 pm in the Baylor Sciences Building, room A207. Contact [Jill Combs](#) at 254-710-3708 with any questions about the event.

## NSF Regional Grants Conference in Austin, October 17-18



This fall, the National Science Foundation will present its semi-annual Regional Grants Conference next month in Austin.

The event will feature presentations from NSF staff and informal break-out sessions. The event is a great opportunity to network with NSF officials and get informal feedback on your research ideas.

These events only happen twice a year and they are typically far from Waco, so having one in Austin is a great opportunity. All Baylor faculty with interest in seeking funding from the NSF are encouraged to attend. [Click here](#) for more information or to register for the event.

### Regulatory update:

## Export controls may impact research

The United States encourages technology exchanges that are consistent with U.S. national security objectives. Although most of the research and technology development Baylor conducts is exempt from U.S. export control regulations, we must still comply with the regulations.

An export can occur through a variety of means, including:

- shipping,
- oral communications,
- written documentation (including emails), and
- visual inspections of any technology, software or technical data to any non-U.S. citizen, whether here in the U.S. or abroad.

Export controls can affect three main areas at Baylor: research, travel outside the U.S. and shipping.

Watch for more information on export controls in your email and in future issues of *Research Tracks*. If you have specific questions about the way export control regulations may impact your research, contact the Office of Sponsored Programs at 254-710-3817.

## IRB/IACUC Meeting Schedules

The Institutional Review Board and the Institutional Animal Care and Use Committee have announced their meeting schedules for the fall 2011 semester.

For both the IRB and IACUC, proposals requiring full board review must be submitted two weeks before the meeting to be considered by the committee. Late proposals will be placed on the agenda for the following month's meeting.

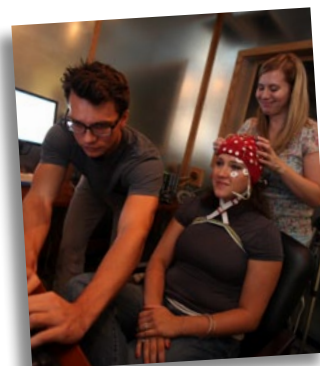
### IRB:

- October 6
- November 3
- December 1

### IACUC:

- September 19
- October 17
- November 21
- December 19

Contact [Jill Combs](#) at 254-710-3708 with questions about IRB or IACUC protocol submissions.



## Here's what's new in the OVPR this year

### New Training Requirements for Human Subjects Research

As of August 1, 2011, investigators conducting research on human subjects must complete eight required online training modules through CITI. Training completion reports must accompany all IRBNet project submissions.

[Click here](#) for more information or to begin the CITI training.

### PeopleSoft Modules for Proposal Preparation & Submission

OSP is currently transitioning from the legacy grants management system to a new module from PeopleSoft. All active grants have been converted. During the upcoming academic year, OSP will test the new module for new proposal preparation & submission.

[Contact OSP](#) with any questions about the new system.

### Updates to COS Database

A new COS product called Pivot automatically matches researchers with funding opportunities based on information in their Pivot profile. If you already have a COS profile, [click here](#) to visit the Pivot site and log in using your existing user name and password. If you have never used COS before, [click here](#) for a quick guide to setting up your account. Watch for more announcements on Pivot in the coming months.



2011  
FALLFACTS



*For an updated overview of OVPR services, click the image above to download the 2011 Fall Facts.*

## Social media

## Social media can help keep you in the loop with federal funding agency news

### Funding agencies on Twitter

A number of federal agencies are using Twitter to distribute information about funding opportunities and exciting research news. Click the links below to check out their recent tweets.

- NEA - [@NEAarts](#)
- NEH - [@NEHgov](#)
- NIH Funding Opportunities - [@NIHforFunding](#)
- NIH Wednesday Afternoon Lectures - [@NIHWALS](#)
- NSF Main Feed - [@NSF](#)
- [All NSF Social Media](#)

### NIH "All About Grants" Podcasts

The National Institutes of Health's Office of Extramural Research produces a bi-weekly series of podcasts covering a variety of research topics. The brief conversations with NIH staff members can help you to better understand the operations of this important agency.

[Click here](#) to view a list of all recent podcasts. You can download individual presentations or subscribe to the series via RSS or iTunes.

## ITS Insider: News on technology for research

## Gartner Research access, Check Backup software

### Gartner Research Site License

Through a license agreement signed by ITS and University Libraries, Baylor faculty, staff, and students now have access to online resources from Gartner, Inc., a leading information technology research and advisory company.

From this Gartner portal, the majority of the vast Gartner research portfolio is available, providing access to information on information technology.

[Click here](#) to access the Baylor portal (Baylor ID and password required for access).

To get more information or ask general questions about using the Gartner resources portal, contact [Becky King](#) at 254-710-4566.

### Check Backup software shows date of last computer backup

Regular backups are important to prevent loss of data. The Check Backup application will show you the date of your latest backup and allow you to begin a manual backup if necessary.

The software should be installed on all recently installed computers. If it is not currently on your computer, you may download it from [Appcenter](#) (for Windows) or the busoft.baylor.edu server (for Mac).



# Registration now open: Second Annual OVPR Proposal Development Workshop, January 5 & 6, 2012

## About the workshop

Just prior to the beginning of the spring 2012 semester, the OVPR will sponsor its second annual Proposal Development Workshop. The workshop is designed to help faculty in all academic areas become more effective grant writers. No matter your level of grant-writing experience, you'll learn techniques and strategies to help you more successfully compete for funding from a variety of sources.

Science faculty (primarily those interested in seeking funding from the NSF, NIH, NASA, Department of Defense, etc.) will attend the session on Thursday the 5th. Arts, Humanities and Social Science faculty (those interested in seeking funding from the NEH, NEA, Department of Education, private foundations, etc.) will attend Friday the 6th.

## About our presenters

The OVPR is partnering with Grant Writers' Seminars & Workshops (GWSW). Every GWSW speaker is an academic professional with years of experience successfully competing for funding and serving on proposal review panels. [Click here](#) to visit the GWSW website and learn more about our presenters.

## Registration

To ensure the best experience for all attendees, workshop seats are limited. Last year's session was filled to capacity and we expect another great turnout this year. [Click here](#) to fill out the registration form.

Contact [Blake Thomas](#) at 254-710-3153 with any questions.

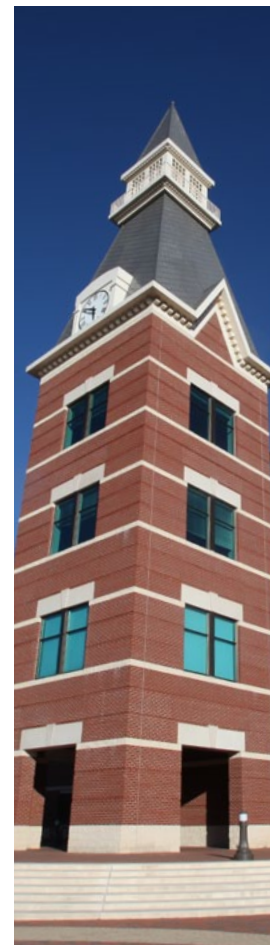
## Qualtrics online survey tool now available to Baylor faculty, staff & students

Baylor has recently acquired a site license for Qualtrics online survey and analysis software, making the service available for faculty research as well as student coursework or independent research. We believe that this service will create new opportunities for survey research and analysis, as well as further enrich your classes.

While this new tool makes online survey research easier and more secure, it is important to remember that all university policies and federal regulations governing research involving human subjects do apply to online survey tools like Qualtrics ([click here](#) for IRB information).

To access Qualtrics and explore its capabilities, go to <http://baylor.qualtrics.com/> and log in using your Bear ID and password. This link will direct you to a Baylor hosted site to process your login credentials. Whether you are an experienced or new user, please [click here](#) to review our Qualtrics Terms of Use document.

The office of Institutional Research and Testing coordinates surveys by Baylor staff members. [Click here](#) to contact IRT.



## Federal Grants

Opportunity Title	Due Date
<a href="#"><u>NEA Research: Art Works</u></a>	November 8, 2011
<a href="#"><u>NSF Basic Research to Enable Agricultural Development</u></a>	November 22, 2011
<a href="#"><u>US Department of Education - Institute on Technology Effectiveness for Children With Disabilities: Web-Supported Instructional Approaches</u></a>	November 29, 2011
<a href="#"><u>NSF Sustainability Research Networks Competition</u></a>	December 1, 2011 (Preliminary Proposal)
<a href="#"><u>NEA Literature Fellowships: Translation Projects</u></a>	January 5, 2012
<a href="#"><u>NSF Division of Environmental Biology</u></a>	January 9, 2012 (Preliminary Proposal)
<a href="#"><u>NSF Division of Integrative Organismal Systems</u></a>	January 12, 2012 (Preliminary Proposal)
<a href="#"><u>NSF Broadening Participation Research Initiation Grants in Engineering</u></a>	January 20, 2012

## Foundation Grants

Opportunity Title	Due Date
<a href="#"><u>Deafness Research Foundation - Hearing &amp; Balance Science Research Grants</u></a>	October 31, 2011 (LOI)
<a href="#"><u>American Foundation for Suicide Prevention - Young Investigator Grants</u></a>	November 15, 2011
<a href="#"><u>Burroughs Wellcome Fund - Collaborative Research Travel Grants</u></a>	December 1, 2011
<a href="#"><u>Delmas Foundation, Gladys Krieble Venetian Research Program - Grants for Independent Research on Venetian History and Culture</u></a>	December 15, 2011
<a href="#"><u>Brady Education Foundation - Research &amp; Program Evaluations in Early Education</u></a>	December 16, 2011 (Phase I Application)
<a href="#"><u>Welch Foundation - Research Grants for Chemical Research at Universities in Texas</u></a>	February 1, 2012

## Questions?

If you'd like to apply for these or other specific opportunities, contact your department's assigned **OSP coordinator**. For questions about searching for funding or setting up funding alerts, contact **[Blake Thomas](#)** at 254-710-3153.