RESEARCH TRACKS

"Where Can I Find Grant Opportunities?"

To help faculty locate opportunities for funding, the Office of the Vice Provost for Research subscribes to the RefWorks-COS Funding Opportunities database.

COS allows any Baylor faculty member to cut through the sea of available funding opportunities and locate only the listings that are the most germane to his or her area of interest.

To get started, visit http://www.cos.com and click the new user registration button on the left side of the screen.

A quick guide to using COS is available on the OVPR website at: http://www.baylor.edu/content/services/document.php/79890.pdf

Hit the Ground Running to Get Your Research on the Fast Track

The beginning of a new academic year is a great time to take stock of your research goals for the upcoming year and familiarize yourself with all the resources available to help you succeed.

Welcome Back!

In this special "Welcome Back" issue of *Research Tracks,* we provide a handy guide to all the services available from the Office of the Vice Provost for Research, as well as other information that we hope will be helpful as you begin your academic year.

Here is just a small sample of the information in this issue:

▶ **Internal Grant Opportunities**

The OVPR offers competitive grants to Baylor faculty to fund original research and scholarship and to help investigators compete for external funds from federal agencies and other funding sources. This month's Research Tracks explains each grant program's goals and contains links to the OVPR website for more information.

▶ **OSP, Compliance, and other services**

We provide a brief overview of services provided by the Office of Sponsored Programs and the various compliance committees, and show you where to go for more information.

▶ **Important dates to remember**

To help you stay ahead of the curve, we provide a list of application deadlines for all of the OVPR internal grants.

OSP to Host Session for Admins

The Office of Sponsored Programs will host a Q&A session for administrative staff this fall. The meeting will allow administrative staff to ask questions and receive information about a variety of issues related to research. The session will take place in October, with the specific date to be announced.

Watch for announcements in your email and in future issues of *Research Tracks*.

OVPR Research Grants

Faculty Research Investment Program (FRIP)
http://www.baylor.edu/research/vpr/index.php?id=17287

FRIP grants are designed to leverage internal funding by providing seed money to establish or re-direct research programs to make faculty more competitive for external funding. These grants are externally peer-reviewed.

Young Investigator Development Program (YIDP)
http://www.baylor.edu/research/vpr/index.php?id=18897

YIDP grants are designed to leverage internal funding by enhancing the ability of newly appointed faculty (within their first four years of appointment) to successfully compete for external research funds. These grants are externally peer-reviewed.

Arts and Humanities Faculty Research Program (AHFRP)
http://www.baylor.edu/research/vpr/index.php?id=17291

Arts & Humanities grants are designed to stimulate research, scholarship and creative activities in the arts, fine arts, humanities and education, where external funding is often unavailable. Applications for AHFRP grants are accepted year-round, but please allow 60 days between submission and your desired project start date.

University Research Committee (URC)
http://www.baylor.edu/research/vpr/index.php?id=17288

The URC distributes funds for the support and development of projects and programs promoting faculty research and scholarship and strengthening efforts to secure external funding. These grants are peer-reviewed by the URC committee.

Undergraduate Research and Scholarly Achievement (URSA) Small Grant Program
http://www.baylor.edu/research/ursa/index.php?id=50690

URSA small grants expand opportunities for research participation by undergraduate students in active faculty/student collaborative learning relationships.

APPLICATION DEADLINES

FRIP, YIDP, URSA:

FEB. 2011
2nd

URC:

FEB. 2011
23rd

REMEMBER:

To be considered complete and on-time, your application must be routed electronically with approval from your chair and dean and submitted to OSP by 12:00 noon on the due date.

Intellectual Property & Tech Transfer

The OVPR manages the process of identifying and disclosing innovative discoveries, securing patents or other appropriate legal protections, and negotiating licensing agreements with industry. The OVPR coordinates the roles of all participants in the technology transfer process, including faculty, other administrative offices, and outside consultants retained to assist the university in the technology transfer process. In addition, OVPR staff prepare and negotiate nondisclosure and material transfer agreements on behalf of faculty.

Nondisclosure Agreements (NDAs) are agreements that stipulate conditions under which Baylor shares confidential research information with other nonprofit or for-profit organizations for purposes of exploring mutually beneficial research and/or commercial relationships.

Material Transfer Agreements (MTAs) stipulate conditions under which proprietary biological materials may be provided to or accepted from other nonprofit or for-profit organizations to facilitate research or to seek commercial applications for research technologies.

For more information on NDAs or MTAs, contact Lisa McKethan, Director of the Office of Sponsored Programs at (254) 710-8905 or by email at lisa_mckethan@baylor.edu.

Online Systems
Web-based IRB Submission System Saves Time and Effort

Research involving human subjects requires the approval of the Institutional Review Board (IRB). Protocols may now be submitted to the IRB only through the IRBNet system.

Coming soon: We are in the process of enabling IRBNet for protocols submitted to the Institutional Animal Care and Use Committee (IACUC). When this transition is complete, IRBNet will be the single authorized method for submitting protocols to both the IRB and the IACUC.

If you have questions on using the IRBNet system, visit the IRB website at: http://www.baylor.edu/research/irb/index.php?id=32704 or contact Jill Combs at jill_combs@baylor.edu.

Responsible Conduct of Research
Federal Agencies Increasing Requirements For RCR Training

The NSF and NIH now require that researchers working on sponsored projects receive training in the responsible conduct of research (RCR). The following is an overview of the requirements for the NSF and NIH.

▶ National Science Foundation

The NSF requires that all students (graduate and undergraduate) and postdoctoral researchers working on sponsored projects must be provided with RCR training. Information on the NSF requirements is available at: http://www.nsf.gov/bfa/dias/policy/rcr.jsp.

▶ National Institutes of Health

The NIH requires that all trainees, fellows, participants, and scholars receiving support through any NIH grant must receive instruction in responsible conduct of research. Please note that the NIH specifically stipulates that online training courses along are not sufficient to fulfill the requirements. For more information on the NIH requirements, visit: http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-10-019.html.

Research Development Support & Other OVPR Services

Faculty Travel Assistance Grants Program - provides tenured/tenure-track faculty and funded principal investigators with matching funds to help defray the cost of travel to promote or support the development of new or expanded research programs at Baylor.

Principal Investigator Research Investment Program - provides faculty with limited support (up to $10K) to address specific issues in critiques of major (>$100K) external proposals.

Internet2 Discovery Grant Program - seed grants designed to encourage faculty to utilize the capabilities of Internet2, the leading-edge network access to the national research community, enabling revolutionary internet applications and ensuring the rapid transfer of network services and applications.

VPR Colloquium Support - provides funding and logistical support to help bring major national and international speakers to campus. In most cases, program provides travel funding and an honorarium.

Conference Support Program - provides seed money and logistical support to attract major regional, national or international conferences.

Postdoctoral Support Program - provides 12-month postdoctoral research fellowships for Ph.D. granting departments. Initial appointments are funded for one year, with a second year extension allowed for successful fellows.

Information Mining/Limited Submissions - assists faculty in identifying external resources to support their research activities. The OVPR also maintains a site use license that allows faculty to create funding searches and receive alerts on new listings in the online COS Funding Opportunities database.

Proposal Development - assistance to faculty in developing strategies to obtain external funding, in selecting potential funding programs and in developing proposals that address specific requirements of funding agencies.

Project Management - technical support to faculty and senior administrators in the development of multidisciplinary institutional applications. The OVPR serves as the primary point of contact for development and management of relations with potential commercial research partners.

Office of Sponsored Programs

The Office of Sponsored Programs (OSP) supports Baylor faculty in the acquisition, performance and administration of projects and programs funded from sources outside the university. The OSP is the central point of coordination for grants, contracts and other agreements from government agencies, private industry and nonprofit sponsors. OSP coordinators are assigned by academic unit rather than by funding agencies, to facilitate development of a close working relationship with faculty and research staff.

Pre-Award Services - Coordinators assist with interpretation of sponsor guidelines, determination of eligibility and budget preparation. They also provide assistance with proposal preparation, institutional approvals and proposal submission.

Award Acceptance - OSP helps investigators with negotiation of award terms and conditions, account set-up, review of sponsor requirements and any special terms and conditions with individual investigators.

Post-Award Services - After the award, OSP provides coordination with PIs and Baylor financial service units to monitor financial transactions and meet sponsor reporting requirements. OSP staff also assist with invoicing grant and contract accounts, approval of project modifications (e.g., re-budgeting, project extensions, changes in project scope or key personnel) and project closeout.

Central Texas Technology and Research Park

The Central Texas Technology and Research Park (CTTRP) has been established to develop, promote and market science and engineering technologies, university research and advanced technology training and workforce development. The park is a collaboration among the following partners: Baylor University, Texas State Technical College, McLennan Community College, McLennan County, City of Waco, City of Bellmead, Waco-McLennan County Economic Development Corporation, Bellmead Economic Development Corporation, Waco Industrial Foundation, Heart of Texas Council of Governments, and Greater Waco Chamber of Commerce.

Baylor Research and Innovation Collaborative (BRIC) - Located at the site of the General Tire industrial plant, the BRIC will serve as the anchor and first step toward establishment of the CTTRP.

The BRIC will bring university research, industry innovation, workforce development and shared space for research, economic development and educational symposia and meetings together in one location.

Baylor Advanced Research Institute

The Baylor Advanced Research Institute (BARI) functions as an 'umbrella institute' to provide a catalyst for creating new and emerging research clusters, interdisciplinary programs and industrial collaborations.
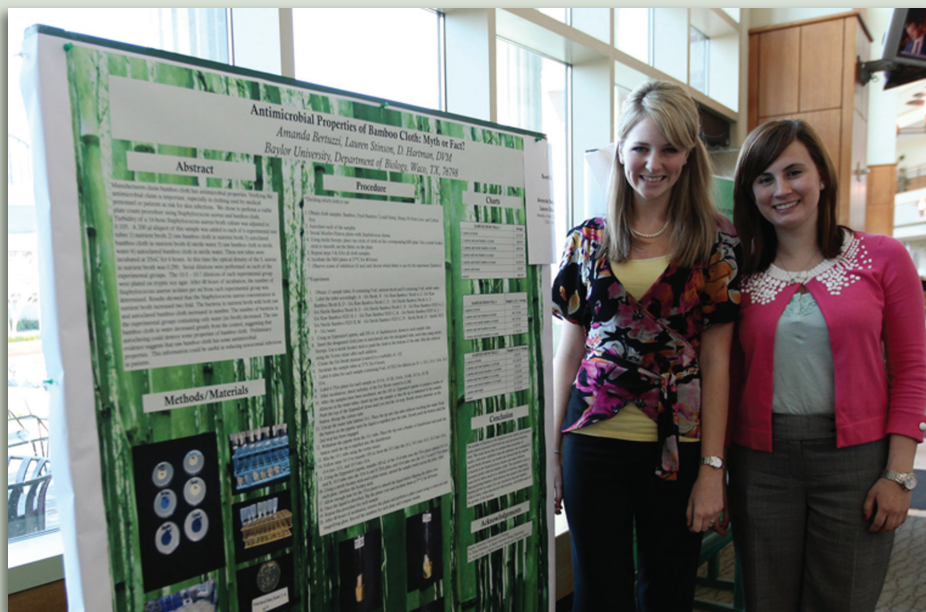
BARI serves to organize, strengthen and expand industrial/academic partnerships, engaging Baylor faculty and students in collaborative research opportunities with high tech industries and by providing Baylor start-up companies with technical assistance to create financially stable high-growth enterprises. These potential partnerships not only give Baylor faculty and students valuable research exposure and experience, but also provide an economic stimulus to the local community.

Undergraduate Research and Scholarly Achievement

The Undergraduate Research and Scholarly Achievement (URSA) program was initiated in 2007 by the OVPR to expand undergraduate participation in research and scholarly activities campus-wide. URSA is led by a steering committee comprised of faculty and administrators from across campus.

URSA programs and services include URSA Scholars Week, the URSA Small Grant Program, and URSA Writing Awards. The URSA website also provides a portal to information about on- and off-campus scholarly opportunities for undergraduate students. The site is located at: http://www.baylor.edu/ursa.

Compliance Committees, Chairs and Contact Information

The OVPR monitors all university research activity to ensure that it is conducted in accordance with federal, state, local and institutional policies and guidelines. Compliance responsibilities include management of and technical support to federally mandated compliance committees, implementation of specific federally and/or institutionally mandated research policies and procedures, and interface with other university offices when compliance implications of research activities necessitate additional institutional review.

▶ Institutional Review Board (IRB)

Chair: Michael Sherr, michael_sherr@baylor.edu, (254) 710-4483

The IRB is responsible for reviewing and monitoring all university research involving human subjects, and for ensuring the protection of participants in classroom, research and laboratory activities at/or connected with Baylor.

▶ Institutional Animal Care and Use Committee (IACUC)

Chair: Richard Duhrkopf, richard_duhrkopf@baylor.edu, (254) 710-2082

The IACUC is responsible for ensuring the proper care, use and treatment of animals in research and education, and that animal experiments are conducted in accordance with the highest scientific, humane and ethical principles.

▶ Institutional Biosafety Committee (IBC)

Chair: Chris Kearney, chris_kearney@baylor.edu, (254) 710-2131

The IBC is responsible for reviewing and monitoring all university research that involves recombinant DNA, infectious agents, and other biohazards, ensuring that all regulatory requirements are met by the university and by individual investigators.

▶ Radiation Safety Committee (RSC)

Radiation Safety Officer: Alan Stover, alan_stover@baylor.edu, (254) 710-7075

The RSC monitors compliance ensuring safe use of all radioactive materials and radiation equipment used by faculty, staff, and students.

Intellectual Property and Tech Transfer: The Process

The Office of the Vice Provost helps Baylor inventors manage inventions from the idea stage all the way through to post-commercialization management. This diagram provides a helpful overview of the process and shows you the correct person to contact for help at each stage.

Discovery/Invention	**Formal Disclosure**	**Assessment**	**Commercialization Strategies**	**Post-commercialization management**
Contact us early rather than late (at the 'idea' stage, not the 'reduced to practice' stage. Jim Kephart, x1690	Online form with legal essentials. Coming soon: Inteum CS disclosure management system. Lisa McKethan, x8905	Subject matter and legal experts Lisa McKethan, x8905	Licensing, startups, etc. Jim Kephart, x1690	Licensing, startups, etc. Jim Kephart, x1690