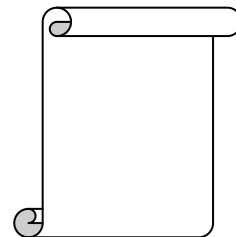


Research Connection

News from Sponsored Research Services

December, 2011



Killgore Grant Awards Announced

The Killgore Research Committee has announced the awardees for the 2011-2012 internal research grant program. Out of 17 faculty applications and 16 student applications, there were 8 faculty awards and 11 student awards.

Faculty Awards

Lance Baker and John Pipkin – "The Effect of Source of Omega-3 Fatty Acids on Blood Fatty Acid Profiles in the Horse"

Cathy Clewett – "Nuclear Magnetic Resonance of Moisture, Fat, and Protein in Meat Products"

Maxine DeButte-Smith – "Effect of Ovariectomy on Behavioral and Histological Consequences of 2VO in Young Female Rats"

Richard Kazmaier – "Nutritional Ecology of the Texas State Bison Herd"

David Khan – "A Comparative Study of Liposomal-Based Chemotherapeutics Containing either Distearoyl-phosphatidyl Choline or Dipalmitoylphosphatidyl Choline"

Julie Lockman – "Evaluation of the Polycyclic Cage Amine NGP1-01 as a Neuroprotective Agent against Iron Toxicity"

David Lust and Kate Brooks – "Confined Cow-Calf Production Systems as an Alternative to Grazing During Extreme Drought"

Rocky Ward – "Development of DNA Barcodes for the Identification of Unionid Mussel Species"

Student Awards

Jeffrey Ryan Archer – "Subsidized Civics: Citizenship, Entertainment and Addiction in David Foster Wallace's *Infinite Jest*"

Greg Busby – "The Effects of Seasonality of Fire on Spider Diversity and Abundance on a Sand Sage Prairie Area in the Texas Panhandle"

Emily Crohare – "Effect of HMB Supplementation on Immune Function and DOMS Severity in Sprinting Athletes"

David Footle – "Survey Study of Camel-spider and Scorpion Species within Big Bend National Park, Texas"

Jared Fuller – "Molecular Detection of Freshwater Mussels (Unionidae) in Texas River Water"

Jorge Granados – "Pro-hormone Supplement in College Age Males. Everybody is Doing It: Do Benefits Truly Exist?"

Stephen Ingle – "Effects of Stretching on Wingate Power Training"

Monika R. Jones-Higgins – "Investigation of Brain Endothelial Characteristics Associated with Iron"

William Mimbs – "Evaluation of the Acute and Genetic Toxicity of *P. Parvum* Biotoxin and Herbicide Mixtures"

Billy Pope – "Population Genetics of River Cooters in the Southwest"

Brian Yates – "Influence of Atrazine and Cotton Herbicides on *Prymnesium Parvum* Bloom Dynamics"

WT Student Excels at Pathways

Jonathan Harton received a "Distinguished" award (Top 5%) in the undergraduate students division at the 9th Annual Pathways Student Research Symposium at College Station. The symposium was hosted in November by Texas A&M University.



MARK YOUR CALENDAR

December, 2011

23 - Christmas Break Begins

January, 2012

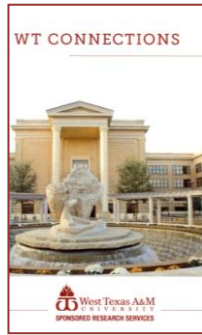
16 - Martin Luther King, Jr. Day - University closed
26 - NSF's Major Research Instrumentation (MRI) Deadline (see page 3)

February, 2012

25 - AREA R15 applications due (see page 3)

WT CONNECTIONS is Now Online!

With the assistance of the Department of Communication and Marketing, Sponsored Research Services (SRS) has produced a new publication, *WT CONNECTIONS*. A copy has been provided to all academic departments. This booklet provides information to potential donors and collaborators on many of our most active researchers. Contact information, photos, project interests, and active awards are listed.



An updated print version is planned, and an online version has recently been launched. When you go to [WT CONNECTIONS online](#), you will find the information listed above in an easy-to-search format. Our goal is to have this information on all WTAMU faculty members on this page. To submit your information, download [this document](#), fill it out, include a brief description (100 words or less) of your project interests, and send it to Steve McLean at smclean@wtamu.edu or bring it by Room 184 in the Killgore Research Center. SRS will be promoting the on-line version as a collaborator reference to our counterparts in this region of the country.



Research Connection is an e-newsletter published by West Texas A&M University's Sponsored Research Services, and we encourage you to forward it, print it, and share it. If this is your first time to see Research Connection and [you want to keep receiving it, just click here](#) and hit SEND, and we will do the rest! Topic suggestions concerning sponsored research are always welcome.
[Contact the editor via email here.](#)

Hot Topics

Incentive Plan for Externally Sponsored Projects

As promised in the externally funded projects incentives announcement, Sponsored Research Services (SRS) now has a graduate student on-board to assist you during the proposal-writing phase. The graduate student can provide assistance with tasks that do not require a faculty member's expertise, to free up your time to write the proposal.

We are pleased to introduce **Misty Boggs-Lopez** as the newest member of the SRS team. Misty has a BS in psychology and is currently pursuing a specialist degree in the School Psychology program. During her

undergraduate years, Misty developed a passion for research and developed a good foundation in research methods, statistics and writing in APA format. She has experience administering neuropsychological testing and inputting the data into a database, performing literature reviews and also has experience in assessment and report writing as well as editing experience. In following with her interest in research, Misty is currently working on setting up an evolutionary psychology experiment with rats and kin selection in Dr. Byrd's lab.

Misty's assistance is available on a first-come, first-served basis. She is available for 10 hours a week for a maximum of 4 weeks during the grant-writing phase. We are also excited to be able to announce that three faculty have qualified for the new award incentives. The recent awards were made to:

- Dr. Emily Hunt / \$600
- Dr. Roy Issa and Dr. Kenneth Leitch / \$600
- David Terry / \$1,000

The new award incentive funds are restricted to activities for support and maintenance of educational and general activities, including research and student services, which promote increased research capacity within WT.

Refresh your memory on the different aspects of the Externally Funded Sponsored Project Incentive Program by visiting this website: [Externally Funded Sponsored Project Incentive Program](#).

For questions, contact Executive Director Kaaren Downey (651-3554 / kdowney@wtamu.edu) in Sponsored Research Services.



Sponsored Research Services exists to serve the needs of research faculty and students in their pursuit of funding for research projects.

We are in the Killgore Research Center, 184.
Call us at 651-2984.

Kaaren Downey, Executive Director
Killgore 178; 651-3554

Dona DeOtte, Senior Grant Specialist
Killgore 184A; 651-2982

Steve McLean, Grant Specialist
Killgore 184B; 651-2983

Dorothy Leija, Administrative Assistant
Killgore 184; 651-2984

Applying for External Funding?

If you have found a funding opportunity and want to apply, let us know at [Sponsored Research Services](#). Start by filling out a "Notice of Intent" to apply – [here is the link to the "NOI."](#) When you have filled out the form, [email it to SRS](#) or bring it by our offices at Killgore Research Center 184, and we will get the process started.

Tracking Your Progress and Success

These charts compare research proposals for external funding in fiscal years '10, '11, and '12. **Figure 1** displays external funds received (including new and continuing awards.) **Figure 2** displays the number of proposals submitted, pending, and awarded. These are updated in each issue of Research Connection. The fiscal year starts September 1.

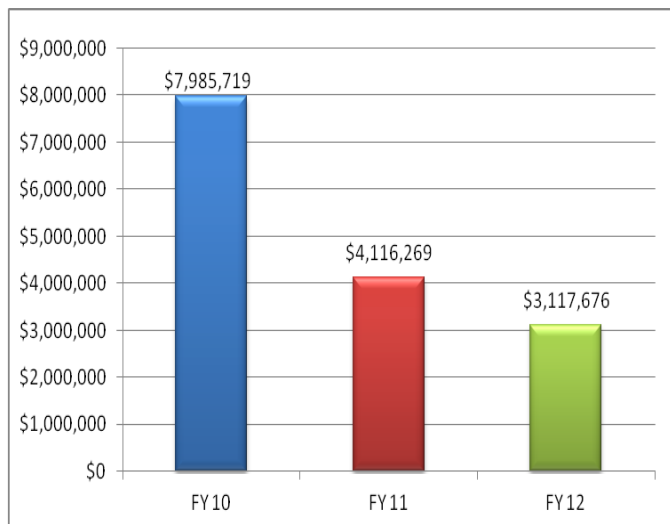


Figure 1

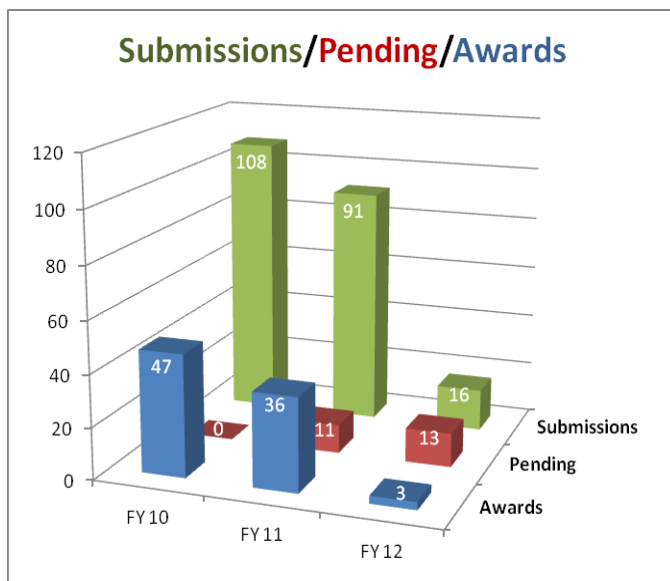


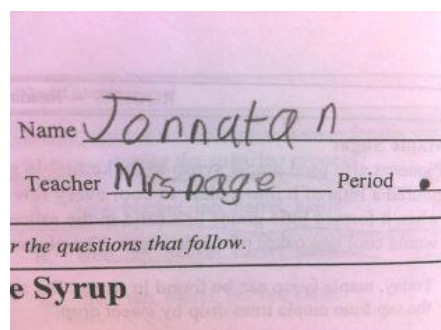
Figure 2

The MRI serves to increase access to shared scientific and engineering instruments for research and research training in our nation's institutions of higher education, museums, science centers, and not-for-profit organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering by providing shared instrumentation that fosters the integration of research and education in research-intensive learning environments. Development and acquisition of research instrumentation for shared inter- and/or intra-organizational use are encouraged, as are development efforts that leverage the strengths of private sector partners to build instrument-development capacity at academic institutions. Contact SRS for more details.

The Academic Research Enhancement Award (R15) (AREA) grants create opportunities for scientists and institutions, otherwise unlikely to participate extensively in NIH research programs, to contribute to the nation's biomedical and behavioral research effort. The purpose of the AREA program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of U.S. research scientists, but that have not been major recipients of NIH support. AREA grants are intended to support small-scale research projects (up to \$300,000 + indirect costs over 3 years) proposed by faculty members of eligible, domestic institutions, to expose students to meritorious research projects, and to strengthen the research environment of the applicant institution.



Filling out application forms confusing you?



SRS can help!

NSF'S MRI and NIH'S AREA R15 Funding Opportunities

The Major Research Instrumentation (MRI) program is a limited competition – only 3 applications are allowed per university.

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