

Grant Scope

*Sam Houston State University
Office of Research and Sponsored Programs*

A Member of The Texas State University System



A Message from the Associate Vice President

July/August 2010



A new year always brings changes and new opportunities, and our upcoming year will be no exception. This year we will have new tools that should help in the process of finding funding opportunities and insuring that research is

in compliance with federal standards. To facilitate the understanding of these changes, we will have several workshops throughout the year. In addition, our staff will be here to help you at any time.

We recently purchased a subscription to the Community of Science (COS) Funding Opportunities database, which has over 25,000 records representing over 400,000 funding opportunities. Anyone who can log into the Sam Houston State University (SHSU) system can use this program and do so as often as is desired. This program is updated daily, and it can be set up to give researchers alerts whenever a new funding opportunity becomes available in their area of interest. Furthermore, it can be used for browsing funding opportunities at any time, and there is no limit on the number of times you can use the program.

Another of our recent additions is the subscription to the Collaborative Institutional Training Initiative (CITI) program. This program provides ethics training that is now required for anyone receiving federal funding for their research. Moreover, it is required for those working with human or animal subjects. This program was developed by the University of Miami, and it is being used by many research universities for this purpose. In choosing this program, we tried to find a program that is recognized by federal agencies, that is conveniently available to those who need it, and that is user friendly. We think the CITI program meets all these standards. Additionally, anyone with a SHSU computer password can take the training at no cost.

Finally, we are now beginning to implement a new program that will aid in the submission of grants to federal agencies. The CAYUSE program will become part of the

submission process to insure that these proposals include everything that is required by the agency. Again, it is updated daily as requirements change with these agencies, and it insures that your proposal will meet the current guidelines.

Jerry L Cook

Upcoming Deadlines

SHSU offers faculty two internal grants. The Faculty Research Grant (FRG) is a summer grant for up to \$5,000, and the Enhancement Research Grant (ERG) is a grant that can range from \$5,000 to \$15,000. Please be aware that submission for the ERG and FRG grants will have the following due dates:

ERG: October 1, 2010

FRG: October 15, 2010

Please note: The application guidelines have changed substantially; please review them carefully before starting your application.

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SHSU Regional Crime Lab Prepares for Accreditation



Sam Houston State University's Regional Crime Lab (SHSU-RCL) is making preparations for obtaining its accreditation. There are two standards which the lab must meet. Dr. Kerrigan, Director of the SHSU-RCL explained that "the lab will be accredited by ISO (International Standards Organization), which was not originally designed for crime labs. We also have to meet the American Society of Crime Laboratory Directors/ Laboratory Accreditation Board (ASCLD/LAB) International standards. We will be held to a higher standard because the old ASCLD-LAB standard is not available anymore. Anyone wanting accreditation by ASCLD-LAB also has to meet the ISO standard."

Regarding the present accreditation timeline, Dr. Kerrigan said, "the first on-site assessment to meet ASCLD-LAB International standards is scheduled for the week of Sept. 9th. At this time, the lab anticipates provisional accreditation from the Texas DPS. The RCL would like to receive this before October 1st to be eligible for additional federal funds through the Paul Coverdell Forensic Science Improvement Act. Once provisional accreditation is granted, the RCL can receive evidence in criminal casework from law enforcement agencies."

The conception of the SHSU-RCL was successful because of state and federal support. Dr. Vince Webb, Dean and Director of the Criminal Justice Center said: "to date, the development and preliminary operation of the RCL has been supported with approximately \$1.6 million in federal support. We are slated to get an additional \$1 million. The funding is the result of Congressionally Mandated Awards made possible through the sponsorship of Congressman Kevin Brady. The funds come to SHSU

from the Office of Justice Programs. More specifically, they come from the Bureau of Justice Administration and the National Institute of Justice."

SHSU is delighted to have Mr. Michael Manes as the RCL's Lab Manager. Together, Dr. Kerrigan and Mr. Manes have approximately 40 years experience in forensic science. They will oversee the work of six forensic scientists, a lab technician, and an evidence clerk.

Prior to her affiliation with SHSU, Dr. Kerrigan was the Director of the State Laboratory in New Mexico. She was responsible for the blood and breath alcohol program. She was also responsible for forensic drug- and alcohol-related medical examiner and criminal casework. In 1990, she received her original training as a forensic scientist at the Scotland Yard Laboratory in London, England. She has held positions in a variety of academic, private sector, and government settings. She has worked as a forensic toxicologist and quality assurance manager at the California Department of Justice Bureau of Forensic Services.

Before his association with SHSU, Mr. Manes was the Laboratory Director for the Brazoria County Crime Lab for more than 28 years. Apart from

his managerial duties, his primary responsibilities there included controlled substance and toxicology casework. He has extensive courtroom experience, testifying as an expert witness at trials involving this type of casework. He also served six years as a police officer for the City of Killeen, TX. He quickly advanced to the rank of detective in the Crimes Against Persons Division. Currently, he is still a licensed police officer in the State of Texas.

SHSU is pleased to have such well-renowned experts in the field of



Dr. Sarah Kerrigan hard at work during the equipment installation phase of the new SHSU-RCL.



Mike Manes, SHSU-RCL Manager



COS Funding Opportunities Database Training

ORSP urges all faculty to subscribe to **Community of Science (COS) Funding Opportunities**, which will allow you to receive funding opportunity alerts via email. Originally located on the SHSU Newton Gresham Library website, you can now find the link on the ORSP website at: [http://www.shsu.edu/~rgs_www/faculty_resources.html].

To register, please navigate to <http://www.cos.com/> and click on *New user? Register FREE*. If you have any questions regarding COS Funding Opportunities, such as help with registration, please contact **Christi Walters** by email at clw027@shsu.edu or at 294-1708 **Sharla Miles** by email at sharla_miles@shsu.edu or at 294-4875.

We always encourage feedback from our faculty regarding the tools we provide. Therefore, please email **Sharla Miles** with any questions or comments about this new tool, or any other service that we provide because we are always trying to improve upon and provide the best possible tools.

ORSP encourages all faculty to attend one of the following COS Funding Opportunity Database workshops, which will take place throughout the 2010-2011 academic year:

Date	Time	Location
9/27/2010	3:00 – 5:00	THO 329
10/06/2010	3:00 – 5:00	THO 329
10/21/2010	3:00 – 5:00	LDB 407
11/02/2010	3:00 – 5:00	LDB 407
11/30/2010	3:00 – 5:00	LDB 407

Funding Opportunities



Title: **Short-Term Research Education Program to Increase Diversity in Health-Related Research**

Application Deadline: October 2, 2010

For more information on Eligibility and Application Requirements, please visit:
<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-11-024.html#SectionI>



National Institute of Food and Agriculture (NIFA)
Agriculture and Food Research Initiative: NIFA Fellowships Grant Program
*Application Deadline: **October 5, 2010***

More details and how to apply:

<http://www.nifa.usda.gov/fo/afrinifafellowshipsgrantprogram.cfm>



Presidential Awards for Excellence in Science, Mathematics and
Engineering Mentoring Grant
Program Solicitation NSF 10-520

*Application Deadline: **October 6, 2010***

For more information, please visit:

http://www.shsu.edu/~rgs_www/documents/nsf10520.pdf



Robert Wood Johnson Foundation

RWJF Scholars in Health Policy Research Program Call for Applications Released

*Application Deadline: **October 13, 2010***

The *Robert Wood Johnson Foundation Scholars in Health Policy Research* program helps to develop a new generation of creative health policy thinkers and researchers within the disciplines of economics, political science and sociology. Each year, the program selects up to nine highly qualified individuals for two-year fellowships at one of three nationally prominent universities with the expectation that they will make important research contributions to future U.S. health policy.

More details and how to apply:

http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21141&cid=XEM_206611 [or go to <http://www.rwjf.org/>, click on **Grants**, click on **Calls for proposals**, and click on the **Robert Wood Johnson Foundation Scholars in Health Policy Research**.]



Government
of Canada

Gouvernement
du Canada

Canadian Studies Research Grant Program

Sponsored by the Canadian Embassy

*Application Deadline: **November 1, 2010***

Synopsis: Support is provided for faculty members at accredited four-year U.S. colleges and universities, as well as scholars at American research institutions, to promote research that contributes to a better knowledge and understanding of Canada, its relationship with the United States, and its international affairs. Please visit

<http://www.canadainternational.gc.ca/washington/studies-etudes/research-recherche.aspx?lang=eng> for more information about Eligibility and Application

Requirements.

Congratulations to the 2010 Internal Grant Recipients

Enhancement Research Grants:

Dr. Lee Bebout, English

“Whiteness on the Border: Negotiating the Frontiers of Race, Identity, and Belonging”

Dr. Sybil Bucheli, Biological Sciences

“Investigation of Calliphoridae across the 10 Ecoregions of Texas”

Dr. Lei Chen, Computer Science

Co-PI: Dr. Peter Cooper

“Secure Routing for Real-Time Media Streaming in MANET’s”

Dr. Madhusudan, Biological Sciences

“Role of CtrA during Cell Cycle of *Rhodobacter sphaeroides*”

Dr. Hannah Gerber, Lang., Lit., and Special Populations

Co-PI: Dr. Melissa Burgess, Curriculum & Instruction

“Exploring Digital Literacy Labs in a Global Society”

Dr. John Lane, School of Music

“New Music for Percussion: Commission and Educational Outreach”

Dr. Jeff Littlejohn, History

Co-PIs: Dr. Katherine Pierce

“Democracy and Diversity in Walker County, Texas”

Dr. Rowland Miller, Psychology

“Assessment of Attention to Alternative Romantic Partners”

Dr. Li-Jen Shannon, Computer Science

“Instructional Technology Web 2.0 Software in Educational System”

Dr. David Thompson, Chemistry

“Raman Enhancing Nanoarrays for Amplifying Weak Signals”

Dr. Cihan Varol, Computer Science

Co-PI: Dr. Gary Smith

“Detecting Illusive Records within the Law Enforcement Database”

Dr. Faruk Yildiz, Agricultural and Industrial Sciences

“Building an Interactive Mini-Lab Training Unit to Promote Alternative Energy”

Faculty Research Grants:

Dr. John Alford, Mathematics and Statistics

Co-PI: Dr. William Lutterschmidt, Biological Sciences

“Mechanistic Movement Models of Thermoregulating Ectotherms”

Dr. Hyuk Cho, Computer Science

“Distributed Co-clustering Algorithm”

Dr. Jin Young Choi, Sociology

“Social Etiology of Obesity among US Immigrants”

Dr. Heather Evans, Political Science

“College Experiences and Political Engagement”

Dr. Kate Fox, Criminal Justice

“Gang Membership and Crime Victimization”

Dr. Anne Gaillard, Biological Sciences

“Identification of a p53-like Protein in *Chlamydomonas reinhardtii*”

Dr. Hayoung Lim, Music Therapy

Co-PI: Karen Miller

“The Effects of Therapeutic Instrumental Music Performance in Physical Rehabilitation”

Dr. Aaron Lynne, Biological Sciences

“Antimicrobial Resistance in Salmonella”

Dr. Troy Quast, Economics and International Business

“Do HMO Profits Influence their Quality of Care?”

Dr. Christopher Randle, Biological Sciences

“Population Genetics and Host Preference of Leafy Mistletoe”

In Memoriam: Dr. Gordon A. Plishker



The former Associate Vice President for Research and Sponsored Programs at SHSU, Dr. Gordon Plishker, passed away on May 9, 2010 in McDonough, Georgia from complications related to a lung transplant that took place five years ago. He was 65 years old. He is survived by his wife, Dr. Mary Plishker, former Associate Dean in

the College of Arts and Sciences, his daughters, son and seven grandchildren. ORSP recognizes the substantial contributions Dr. Plishker made to our university and his vision to expand the research accomplishments of our faculty. Before coming to SHSU, he was Director of Research Planning at the Dept. of Neurology at Baylor College of Medicine and an Administrator of the Magnetic Resonance Center. Among his many accomplishments, he was most proud of the Education for Tomorrow Alliance, funded by the U.S. Dept. of Education as a national model for business/education partnership. Dr Plishker received more than \$10 million in research grants, authored more than 60 publications, and truly believed in the research mission of SHSU. Our office recognizes that we owe much to the infrastructure he put in place and we will miss him.

Visit us online for funding opportunities at
http://www.shsu.edu/~rgs_www/FundingOpportunities.html



Sam Houston State University
Office of Research and Sponsored Programs
Roy Adams House
Box 2448
Huntsville, TX 77341-2448
(936) 294-3621

ORSP Staff

Dr. Jerry Cook - Associate Vice President for Research
Delia Gallinaro - Director
Trisha Allen - Sr. Admin. Assistant/IRB Coordinator
Megan Cress - Receptionist/Liaison between ORA/ORSP
Sharla Miles - Editor/Content Mgr. of Website/IACUC Coordinator
Eva Strickler - Project Coordinator/Internal Grants
Christi Walters - FoundationSearch/COS Funding Opportunities

Student Assistants

Sarah Barragan
Max Fruchtnicht



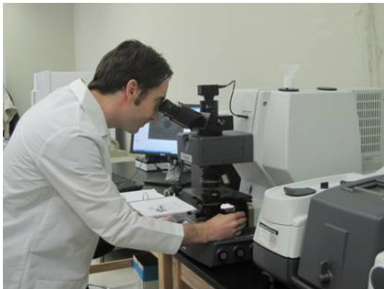
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SHSU-RCL from pg 2



Forensic scientist analyzing evidence at SHSU's new RCL

forensics leading our regional crime lab. Mr. Manes explained that the RCL will be serving the local counties with respect to controlled substance analysis and toxicology. Services will be provided to local law enforcement

agencies but will not be limited to that client base. The laboratory will serve law enforcement, the respective district attorneys, and the defense bar.



Two forensic scientists analyzing samples in the Toxicology lab at the new SHSU-RCL

It will also provide services to civil courts.

When asked about the importance of this regional crime lab to the surrounding law enforcement agencies in Texas, Congressman Kevin Brady explained, "instead of having to endure long backlogs at labs in Houston and Dallas, our local law enforcement agencies will be able to get their tests performed and analyzed more timely. Saving taxpayer money and precious time means more efficient law enforcement. Sam Houston State University, with its international reputation for excellence in criminal justice, is the perfect partner."

Fall 2010 Grant Workshops

Workshop: Grant Budget & Intellectual Property

Date: 9/15/2010

Time: 3:00 - 5:00

Location: PACE Center Conference Room C100

Workshop: NSF Grants

Date: 10/14/2010

Time: 3:00 - 5:00

Location: PACE Center Conference Room C100

Workshop: Department of Education Grants

Date: 10/26/2010

Time: 3:00 - 5:00

Location: PACE Center Conference Room C100

Workshop: Foundations

Date: 11/10/2010

Time: 3:00 - 5:00

Location: PACE Center Conference Room C100

Acknowledgements:

I would like to thank the following individuals for their contributions to this newsletter: Dr. Jerry Cook, Dr. Sarah Kerrigan, Mr. Michael Manes, Dr. Vince Webb, Congressman Kevin Brady, Delia Gallinaro, Eva Strickler, Max Fruchtnicht, and Brian Blalock.