



from the office of the Associate Dean for  
Discovery & Faculty Development

Archived newsletters are available here. And you can submit comments or info you may want to see in this Newsletter at: [this site](#) anonymously.

Volume 3, Issue 2

October 2008

## DEAN'S INTRODUCTION

Greetings.

I hope that your semester is running smoothly. I just got back from a meeting of the Council of Academic Deans from Research Education Institutions (CADREI: <http://www.cadrei.org/>).

It was great to hear from other administrators as we share some common successes and struggles. Let me say that economy-related budget cuts loomed large and many universities are restructuring in response to financial stressors. Compared to some of our peers, we are fortunate here at PU to be in a relatively stable and supportive financial atmosphere. I am sure we will

hear more on budget later this year.

I wanted to draw your attention to the recent call for PRF Summer and Year Long proposals (page 3). A memo went out on 9/23/08 a bit prematurely. *With the change in the VPR, PRFs are on hold temporarily.* I will be sending out information on how to apply as soon as I can!

I also wanted to remind you that there are opportunities for faculty to learn about and comment on the COE Workload Policy document (see memo that went out to you on 10/03 or contact me).

Remember that we will be making modifications in this

draft and how (or if) it will be implemented based on your feedback. So please be sure and make your opinions known by email, attending these meetings or talking with your Faculty Affairs Committee.

In the meanwhile, have a great semester!

Best,

Jeff Gilger, PhD

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**Sherry Hight, a new secretary in the Dean's Office, will be working on future issues of this newsletter. Please contact her with comments or items you would like to have posted at [shight@purdue.edu](mailto:shight@purdue.edu)**

## RESEARCH HIGHLIGHT

### Suicide Prevention on the College Campus: ALIVE @ Purdue

Heather L. Servaty-Seib (PI) and an inter-disciplinary team of co-PIs (Deb Taub, Susan Prieto-Welch, Don Wenden) are in Year 3 of a grant they received from the Substance Abuse and Mental Health Administration branch of the Department of Health and Human Services. The grant, entitled ALIVE @ Purdue (Awareness Linking Individuals to Valuable Education), is focused on determining the effectiveness of a two-pronged suicide

prevention project focused on (1) enhancing the referral skills of Residents Assistants (RAs) and (2) encouraging positive attitudes toward seeking mental health services among residents living in the halls.

To date, the team has trained a total of 24 graduate students in counseling psychology and school counseling to serve as ALIVE @ Purdue Educators. These educators offered crisis and referral related training to 300 Purdue RAs in August of 2007 and another 300 RAs in August of 2008. Pre and post test analysis indicated that the New RAs skills in interacting with residents in crisis, their knowledge of

suicide and referral sources, and their sense that others would want them to make referrals all significantly increased as a function of the ALIVE @ Purdue training. In Year 3 of the grant, outreach programs will be offered to residents living in the halls on campus. The outreach program will be delivered by ALIVE Educators and is focused on encouraging students to seek mental health services prior to a crisis situation.

For more information, please contact Heather L. Servaty-Seib at [servaty@purdue.edu](mailto:servaty@purdue.edu) or 494-0837

## ASSOCIATE DEAN'S OFFICE ANNOUNCEMENTS

**For a complete listing of faculty support initiatives through my office see the August-September issue of this newsletter on my web site or contact me at [jgilger@purdue.edu](mailto:jgilger@purdue.edu).**

### **GRADUATE STUDENT TRAVEL SUPPORT**

Partial support is available for graduate students who have authored or co-authored an accepted paper that will be presented at a national or international conference. Up to \$150 per student, per fiscal year (July 1 – May 31) may be awarded to reimburse students for airfare and/or lodging expenses incurred. Students are encouraged to apply early in the fiscal year, as awards are limited. Departmental financial support of student applications is encouraged. To apply in the COE Graduate Office, BRNG 6104 you must be currently enrolled in a graduate program in the College of Education. For more info, please contact Amanda Leader ([aleader@purdue.edu](mailto:aleader@purdue.edu)) or visit the [website](#)

### **FACULTY FELLOWSHIPS FOR STUDY IN A SECOND DISCIPLINE**

This is an opportunity for faculty to extend their scholarship through study in a new but related discipline. Deadline for application is Dec. 15, 2009. [Visit the website](#) for guidelines and application.

### **2009-2010 EDUCATIONAL TESTING SERVICE (ETS) FELLOWSHIP AND INTERNSHIP PROGRAMS**

These are designed to promote quality and distinction in education measurement and related fields as well as to encourage original and

significant research for scholars and graduate students. The application process opens on November 1st. More information and application instructions are posted on the [ETS Website](#).

### **HOMELAND SECURITY-SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (HS-STEM) CAREER DEVELOPMENT PROGRAM**

Purdue has been awarded \$300,000 by the Department of Homeland Security. To learn more about the program and to apply for a 2008 HS-STEM award, visit [this link](#).

### **WWC PUBLICATIONS**

From practice guides to intervention reports and quick reviews, the What Works Clearinghouse (WWC) has released a total of 17 publications throughout the summer. As a new school year begins the WWC invites you to see what's new at <http://whatworks.ed.gov>. Example recent pubs include: *Reducing Behavior Problems in the Elementary School Classroom*: [http://ies.ed.gov/ncee/wwc/publications/practiceguides/index.asp#be\\_pg](http://ies.ed.gov/ncee/wwc/publications/practiceguides/index.asp#be_pg), *middle school math* at the [website here](#), and *Dropout Prevention Topic Report*: <http://ies.ed.gov/ncee/wwc/reports/dropout/topic/>

### **MIDWEST ATE SPRING 2009 CONFERENCE**

April 3, 2009 at the Best Western in Lafayette. For more information, email Sherry Hight ([shight@purdue.edu](mailto:shight@purdue.edu)). She can forward all the information.

### **TEACHING IN JAPAN**

If you are a current student, or a soon-to-be graduate, of the teacher

education program you may be interested in teaching at the Gumma Kokusai Academy in Japan. For more information, see this [website](#) or contact Linda Austin at [laustin@purdue.edu](mailto:laustin@purdue.edu).

### **IMPORTANT COMMUNICATIONS**

I encourage you to see the C&I Monday Memos at this archive [here](#), the ITaP Faculty Focus electronic newsletter [here](#) and its IDC Tips and Techniques newsletter available [here](#).

### **NEW UNIVERSITY POLICY ON RESEARCH MISCONDUCT**

This new policy has now been approved. For more info, see the [website](#). A new university policy on administrative and staff employment has also been approved. For more info, [visit here](#). You may also feel free to contact the dean's office with any comments or questions. If you have a specific complaint see the websites referred to above about how to make this complaint or see Jeff Gilger.

### **The Multicultural Diversity Forum**

October 27, 28, & 29th at Camp Tecumseh in Brookston. Faculty are strongly encouraged to make arrangements to have their classes covered in order to be able to attend. For more information, please visit the [Science Diversity Office website](#)

## FUNDING OPPORTUNITIES

**Below are some selected support opportunities. Some are unique. Please pass these on to potentially interested colleagues or students.**

### **Multidisciplinary Research Program**

The Multidisciplinary Research Program of the University Research Initiative (MURI) is a multi-agency DoD program that supports research teams whose efforts intersect more than one traditional science and engineering discipline. For more info, please visit their [website](#).

### **Globalization, Governance, and Academic Freedom**

The AAUP invites individuals and teams to submit proposals for its conference on Globalization, Shared Governance, and Academic Freedom. Deadline for submission of proposals is October 31, 2008. [Learn more about the conference and guidelines for submission here.](#)

### **2009 NSF Graduate Research Fellowship Competition**

The National Science Foundation invites you to apply for the 2009 Graduate Research Fellowship Program (NSF-GRFP) competition. The application process is currently open and closes early November 2008. Interested applicants should visit [www.nsf.gov/grfp/](http://www.nsf.gov/grfp/) or [www.nsfgrfp.org](http://www.nsfgrfp.org) for additional information concerning benefits, eligibility, and tips on applying. Interested applicants should strongly consider preparing their applications as early as possible to help increase their chances of winning. See Jeff Gilger for more information.

**The Cyber Center at Discovery Park requests seed grant proposals** from Purdue faculty and staff. Deadline is October 31, 2008. For more info, please visit [here](#).

**The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)** invites applications for Center Core Grants designed to advance the diagnosis, prevention, treatment, and amelioration of intellectual and developmental disabilities (IDD). Please [visit the website for more info.](#)

### **ItaP's Instructional Development Center Digital Content Development grants**

are due Friday, January 19, 2009. To assist applicants, IDC's technologists will offer several sessions on October 22nd, 2-3:30 in STEW 318 and November 5th from 10-11:30 in STEW 214C.

### **The National Science Foundation invites proposals to increase diversity in the geosciences**

by supporting targeted research and education programs in atmospheric, earth and ocean sciences and promoting programs to increase the relevance of geosciences to the public. Funding for Track 1 (proof of concept) is up to \$200,000 each for three years; track 2 (full scale), \$1 million to \$2 million each for a five years; \$40,000 each for one year. The deadline is Nov. 11 for required letters; Dec. 11 for track 1 and track 2 for full proposals; May 1 and Nov. 3, 2009, for planning grant proposals. For more information, see <http://www.nsf.gov/pubs/2008/nsf08605/nsf08605.htm>.

### **Purdue Library Scholars Grant Program**

This program provides awards to faculty who need to gain access to library materials for continued growth and scholarship (e.g. to visit library collections at other universities). Proposals are due November 1, 2008. For more information, please visit the Website.

**A new collaborative funding opportunity** has been announced through the Indiana Clinical and Translational Sciences Institute (CTSI), a NIH-funded institute led by the Indiana University School of Medicine (IUSM) and Purdue University West Lafayette. This new seed grant opportunity, similar in scope to the former CBR program, is entitled *Collaboration in Biomedical/Translational Research (CBR/CTR) Pilot Grant Program*. The CBR/CTR awards are to foster collaborations between researchers at IU and Purdue to conduct translational research projects that have the potential to develop into larger, continuing, externally funded research programs. Program guidelines are available, complete with all forms and submission instructions at [Indiana CTSI web site](#) or the [Purdue](#)



## More Grant Info...

- ◆ **NSF's Discovery Research K-12 (DR-K12) program** seeks significant advances in preK-12 student and teacher learning of the STEM disciplines through the development, implementation, and study of resources, models, and technologies for use by students, teachers, and policymakers. Exploratory projects would normally be up to \$450,000 with a duration of up to three years. Synthesis projects are up to \$250,000 with a duration of up to two years. Conference/Workshop proposals are permitted to request up to \$100,000 for a duration of up to two years. The deadline is January 8, 2009. For more information, see [Discovery Research K-12](#)
- ◆ **The Discovery Park Undergraduate Research Internship (DURI) program** is accepting proposals for research projects for Fall 2008. DURI places outstanding Purdue undergraduates in the cutting-edge interdisciplinary research environment of Discovery Park. Please visit the [DURI Website](#).
- ◆ For a second year, **Discovery Park requests seed grant proposals from Purdue faculty and staff**. For this competition, the deadlines are as follows: Letters of Intent are due *Tuesday, January 20, 2009* and Proposals are due *Monday, February 2, 2009*. The attached guidelines and application process for this competition may be found on the OVPR Seed Grants website <http://www.purdue.edu/Research/vpr/funding/seedgrants.shtml>.
- ◆ **NSF supports communicating Research to Public Audiences**. The purpose of these efforts is to disseminate research results, research in progress, or research methods. For more information, please visit the [website](#).
- ◆ **Intellectual and Developmental Disabilities NIH Research Centers 2009**— Letters of intent are due November 21, 2008. For more information, please visit the [website](#).
- ◆ **The 2008-2009 Purdue Alumni Association Faculty Development Incentive Grants** application deadline is December 1, 2008. Please email Dr. Gilger for application and more information.
- ◆ **NSF Grad School Incentive Grant \$500**— Grad students who apply for the NSF GRFP are eligible for the Incentive Grant. Deadline is April 3, 2009. Contact: Gs Fellowship Office at [fellowships@purdue.edu](mailto:fellowships@purdue.edu)

Congrats to Emily Bouck!

COE Nominee for the 2008  
Service Learning Faculty  
Development Grant  
Program

**The Dean's Award for Outstanding Scholarship.** This is an award to recognize a College of Education faculty member for his/her exceptional scholarly contributions. Nominations are due in the Associate Dean's Office by February 15<sup>th</sup>, 2009. See [http://www.education.purdue.edu/awards/Faculty\\_Awards.html](http://www.education.purdue.edu/awards/Faculty_Awards.html)

### DON'T FORGET!!

#### Rural Initiatives & Focus on Research Concerning Rural Issues

Several groups affiliated with the COE are collaborating on research, teaching and engagement issues relevant to rural populations. Funding applications are being planned. If you have an interest...however tangential...to rural issues or rural population, please contact Marilyn Hirth, [mahirth@purdue.edu](mailto:mahirth@purdue.edu), 4-0319. You may also contact Sidney Moon or Jeff Gilger.

Also see the new **STEM Goes Rural** (at PU)  
web site: [www.purdue.edu/stemgoesrural](http://www.purdue.edu/stemgoesrural)



## **Purdue receives grant to help students with learning disabilities** (reprinted from PU News Service, see <http://news.uns.purdue.edu/x/2008b/081013XinNSF.html>)

WEST LAFAYETTE, Ind. - Purdue University was awarded a grant from the National Science Foundation to develop computerized teaching programs that can promote learning of multiplication and division for students with learning disabilities. Addressing issues involving students with disabilities is important under the No Child Left Behind Act.

The five-year, \$2.9 million grant was awarded by the National Science Foundation's Discovery Research K-12 program. **Yan Ping Xin**, associate professor of educational studies in the College of Education, is the principal investigator. **Luo Si**, assistant professor of computer science, and **Ron Tzur**, a University of Adelaide (Australia) professor and an adjunct professor in Purdue's curriculum and instruction department, are co-investigators.

Xin said the project will improve current teaching practices by providing tools for analyzing how students with learning disabilities conceptualize new mathematical ideas. This analysis will then be used to offer flexible teaching strategies targeted to an individual student's needs. The effects of the research-based computer system will be compared with the effects of traditional teacher-delivered instruction.

"We anticipate this project to impact these student outcomes, including diminishing the gap between students with disabilities and their normal-achieving peers," Xin said. The team hopes the project will help students with learning disabilities in subjects beyond mathematics, as well as other students who have difficulties learning mathematic concepts.

**Kevin R. Kelly**, interim dean of the College of Education, said that this award will enable the investigators to develop innovative approaches to math instruction. "It is critical that we learn ways to accelerate the math learning of students with learning disabilities so that they can compete for high-wage jobs in the science, technology and engineering fields," Kelly said. "We are excited about the very practical advances in math instruction that will emerge from this project."

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For more information contact Dr. Xin at [yxin@purdue.edu](mailto:yxin@purdue.edu)

### ***Also noteworthy....***

**Dr. Xin, with Dr. Si, have also received a second NSF grant to develop a differentiated instructional system that teaches conceptual model-based mathematics problem solving to elementary students with LD with an emphasis on algebra readiness.**

## CONGRATULATIONS

The following are recent awards based on bimonthly reports from the SPS office and the monthly COE business office reports. To report errors contact Jeff Gilger. Only the names of the key COE-affiliated faculty are noted. These faculty may/may not be the PIs, and other COE faculty may be involved. Faculty not affiliated with the COE may also be on these grants, and if they are PIs their names are provided. For more complete information see the faculty listed or contact SPS.

Major COE Faculty Member Involved	Agency of Award	Title	\$ Amount	COE % Share
<b>Bennett</b> (F. Cordova, PI)	NSF	Purdue Center for Faculty Success	\$1,616,304	0
<b>Bennett</b> (D. Teegarden, PI)	NIH	Interdisciplinary Cancer Prevention Research Internship Program	\$1,554,689	4
<b>Richardson</b>	USDE	Increasing Access to Quality Learning through Effective Use of Peer Feedback in Online Discussions - Amendment 2	\$204,319	100
<b>Riggs</b> (Sonia G Lasher-Trapp, PI)	NSF	The Application of a Successful Research-based Laboratory Model to Atmospheric Science	\$150,000	2
<b>Strobel</b> (M. Cox, PI)	NSF via University of Central Florida	Enhancing Targeted Research in the Advanced Technological Education Program	\$100,000	8
<b>VanFossen</b>	PEFCU	Purdue Series on Corporate Citizenship and Ethics	\$10,000	100

***Building a Web Site? Needing to Revise a COE Front Page?***

***If so, you need to see the document drafted by Tonya Agnew at:***  
[http://www.education.purdue.edu/edit/policy/policy\\_web/NewSiteGuidelines.pdf](http://www.education.purdue.edu/edit/policy/policy_web/NewSiteGuidelines.pdf).

***There are specific guidelines you need to adhere to!***

