DEAN’S INTRODUCTION

Greetings Everyone:

I hope your semester is going well. Things are moving along quickly on the 6th floor: First, the Search Committee for the new Dean has been established. For details see the site http://news.uns.purdue.edu/x/2007b/070926DepewDean.html. They expect to move fast on the search and updates will follow.

Second, you should know that we have hired the new Associate Dean’s Assistant: Amanda Leader (aleader@purdue.edu; phone 4-0019; room 6132). Amanda joins us with many years of experience at PU. She also helps run two large family farms and raises three children. If that was not enough, she has 15 siblings, so she is really good with names! Please come up to the 6th floor, introduce yourself, and test her memory!

Next, I wanted to express my admiration and respect once again for the business office folks, Mike Kremer, Tootsie Garriot, Greg Howell, Diana Adams, and Linda Beard. They have been working overtime and nonstop to get the new One Purdue system (s) up and running for our College. Please be patient as they “work out the bugs”. Service is important to them and they are moving as fast as they can.

Finally, I wanted to remind you that the August-September newsletter that went out in email and hardcopy had some statistical errors in it. The new letter on my web site has been corrected.

Sincerely,

Jeff Gilger, PhD

RESEARCH HIGHLIGHT

NEW 2008 PU FACULTY SCHOLAR AWARD GOES TO DR. LYNN BRYAN OF THE COE!

The University Faculty Scholars program is designed to recognize outstanding faculty colleagues who are on an accelerated path for academic distinction. The awards run for five years with a substantial stipend that can be used by the faculty member towards advancing his or her career and the field.

Lynn Bryan is a tenured Associate Professor of Science Education in the Curriculum and Instruction Department (C&I) with a joint appointment in Physics.

Dr. Bryan has been successful in securing both external and internal grants to fund her research, having secured grants (as PI or Co-PI) in excess of $2.85 million. She has also published in major referred outlets (e.g., the Journal of Research in Science Teaching and Science Education). One of her articles, “Co-constructing inquiry-based science with teachers: essential research for lasting reform” (Keys & Bryan, 2002), continues to be one of the top 25 most downloaded articles in the Journal of Research in Science Teaching (JRST), and in 2006 it ranked as the 11th most downloaded article of any JRST article (Wiley, 2007). Dr. Bryan’s work is internationally respected as evidenced by the requests she has received for reprints and speaking engagements in Australia, Canada, Chile, China, Israel, Japan, Singapore, Lebanon, Malaysia, Mexico, Portugal, and Spain.

The focus of Dr. Bryan’s research program is on teacher thinking (beliefs and knowledge) in the context of learning to teach science. Her research is interdisciplinary and collaborative, and in this way she represents an ideal faculty member for the mission of the College of Education, College of Science, PU; as well as the future needs of our country and the world (e.g., STEM education issues).

Other highlights of Dr. Bryan’s work include: being invited to become a leadership team member and co-director of the National Center for Learning and Teaching Nanoscale Science and Engineering (NCLT; an NSF-funded, multi-institutional center); being honored to receive a 2006-2007 Study in a Second Discourse (Wiley, 2007). Dr. Bryan’s work is internationally respected as evidenced by the requests she has received for reprints and speaking engagements in Australia, Canada, Chile, China, Israel, Japan, Singapore, Lebanon, Malaysia, Mexico, Portugal, and Spain.

For further information about Dr. Bryan, contact Jeff Gilger or Amanda Leader at 4-0019; aleader@purdue.edu.
DEAN’S OFFICE DISCOVERY & DEVELOPMENT INITIATIVES

I encourage you to contact my office for questions about faculty support initiatives, or see my webpage under **Faculty Support Initiatives**. Below are a few things that are new, or that I want to remind you of.

The COE Grant Submission Incentive Program. Towards encouraging faculty to submit, revise and resubmit grants, the Dean’s office offers monetary incentives for PIs and co-PIs. Other incentives are also available or can be negotiated pre- or post-award.

Consultations. The Dean’s office can help you with reviews and consultations on grants, manuscripts, and related materials. Given enough time, this can occur before submission or resubmission. Reviewers may include internal or external consultants as needed.

Travel and Research Development Fund. You can get access to these funds to aid with grant submissions, collaborative meetings, presentation or conference travel, etc. Some funds are earmarked for pre-tenure faculty and funds for other faculty are available on a case-by-case basis. Faculty should also see the new **COE Strategic Initiatives Faculty Travel Award** materials and submit a request for COE strategic funds for travel.

Example Grant Proposals Available Through the VPR’s Office. See [http://www.purdue.edu/research/vpr/rschdev/sampleproposals.shtml](http://www.purdue.edu/research/vpr/rschdev/sampleproposals.shtml).

Web Page and Template Development. I have been gathering some examples of grants, letters of intent, descriptions of resources, example budgets, etc. in electronic form. All of these documents will be on my website soon. In the meanwhile, if you want to see some of what is available please contact me.

**Faculty/Personnel Data Bases.** Databases with e-copies of personnel bios, interests and expertise, have been formed. If you are not part of these databases but wish to be, or if your information needs updating, please contact Amanda Leader aleader@purdue.edu. (Your department heads may have already asked you for CV updates.) Two databases that you should definitely be part of are: the [College of Education Expertise Database](http://www.purdue.edu/education/COE/database.html), and the [Community of Science (COS) Expertise®](http://www.purdue.edu/education/COE/database.html) database.

**Faculty Project Funding.** If you have an idea for a project that needs some sort of funding and you want help considering both nonfederal and federal sources, you might submit your idea, even if it is just a phrase or two, to the Dean’s office. Use the **Development Overview for Project Funding Form** on my website. Your idea and potential funding resources will be considered by the development, discovery, and engagement/learning offices. We will get back to you with some possible resources or other suggestions.

**Search for Funding Agencies.** The Dean’s office will conduct a search for funding resources for you if you submit some keywords or ideas to us. Simply send an email to me with the subject “Funding Search” and include at least several key words, and/or other ideas,

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**PRF International Travel Award Recipients**

- **Aman Yadav** (EDST) for travel to the International Conference on Engineering Ed and Research in Australia
- **Jennifer Richardson** (CI) for travel to the China-US Literacy Conference in China
- **Ayse Ciftci** (EDST) for travel to the ORASI Congress in Portugal
- **Oliver Wendt** (EDST) for travel to the International Association of Logopedics and Phoniatrics in Denmark
- **Nathalia Jaramillo** (CI) for travel to the Finnish Annual Educational Research Conference in Finland

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**Bryan and Staver Named as Co-editors for the **Journal of Science Education**

The Association for Science Teacher Education (ASTE) board has chosen John Staver, professor of science education and co-director of CRESME, and Lynn Bryan, associate professor in the departments of curriculum and instruction and physics, as co-editors of the internationally recognized Journal of Science Teacher Education. Their term as Editors begins January, 2008.

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**New Research Support Programs for Graduate Students.** Dr. Moon and I have been working together to draw-up some mechanisms of support for graduate students. For a description of these see [www.education.purdue.edu/gradoffice/currentSt/dean_support.html](http://www.education.purdue.edu/gradoffice/currentSt/dean_support.html) or contact me for more information.

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**The Dean’s Award for Outstanding Faculty Scholarship.** This is an award to recognize a faculty member for exceptional scholarly contributions. Nominations are due by 2/15/08. See [http://www.education.purdue.edu/learning_research/international_rls.html](http://www.education.purdue.edu/learning_research/international_rls.html)
UPCOMING EVENTS, ANNOUNCEMENTS & ACTIVITIES

ANNOUNCEMENTS AND REMINDERS

♣ Statistical/methodological consulting services through PUPIL. PUPIL also offers training and a speakers series. See: http://pupil.education.purdue.edu/Consulting.htm

♣ An fMRI research group is being formed. If you have interest in using MRI as a part of your research, or simply want to learn more about opportunities, please contact Tom Talavage in MSEE: tmt@purdue.edu.

♣ Student symposium. The Second Annual Graduate Student Research Symposium will be on March 5, 2008!! The last symposium was a great success. This year the symposium will involve presentations by graduate students in any of the teacher education programs at Purdue. Watch for upcoming details and see last year’s PU Graduate Symposium website.


♣ Conferences. Purdue University’s celebration of Constitution Day was a success (Monday, September 17)! For the 3rd year, the Ackerman Center is coordinating the celebration. See: http://www.purdue.edu/constitution-day/. On October 18th Dr. Paul Silvia will lead a faculty workshop on How to Write a Lot: A Practical Guide to Academic Writing. See Kevin Kelly for handouts (sponsored by EDST).

♣ NEW! Student research on the web! The Graduate Advisement Office has set-up a site for you to view ongoing student research and completed thesis/dissertation topics. See http://www.education.purdue.edu/gradoffice/research/

WORKSHOPS, NEW ORIENTATIONS AND MENTORING

We are planning a number of COE 2007-2008 events on a variety of topics. Among the topics planned are: private/corporation proposals writing, introduction to funding applications and procedures, grant writing for graduate and postdoctoral support. We will also offering special mentoring sessions for faculty. Watch for details. Below is preliminary list:

The first of two workshops on grants and development will be on Oct 25 @ 1:30 in HAAS 111 (the old computer science bldg). It is titled “Federal Grantsmanship in the COE”.

The second of two workshops will be in the Spring and on the topic of nonfederal funding resources.

There will be two College wide faculty mentoring sessions (also see your individual departments). One session will be in the Fall (TBA) and will address issues like the tenure process, scholarship, good practices, Q&A, etc. The second session in the Spring (TBA) will serve two main purposes: an opportunity for young faculty to provide the COE with feedback about their first year and experiences, suggestions, etc; and, continuing informal discussions about how to succeed in the academic world.

SPECIAL ANNOUNCEMENTS!

Faculty positions open in the COE. See: http://www.education.purdue.edu/about/employment.html

Symposium for trainers and educators in the area of autism on Friday, October 26th. See: Autism Spectrum Disorders Symposium for University Trainers.

Subscribe to IES News! Very helpful updates and information. Send an email to listserv@listserv.ed.gov. Write in the message's body: subscribe iesnews your name. Example: subscribe iesnews George Washington

Important for Researchers! The revised university policy governing the assignment of authority and responsibility for the retention and disposal of University records can be seen at: http://www.purdue.edu/policies/pages/records/vi_4_2.html

CONGRATULATIONS!

Phil Van Fossen (CI) has been awarded the National Council on Economic Education’s 2007 Albert Beekhuis Award for “outstanding performance in working with teachers and exhibiting excellence in practice, delivery of high quality programs, and outreach to its community:.“
EXTERNAL FUNDING OPPORTUNITIES

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

Purdue University Libraries Scholars Grant program
Great for library based projects! For more information, see http://www.lib.purdue.edu/info/scholars/.

Stanford Center on Adolescence Research Awards
The Stanford Center on Adolescence is offering awards of up to $10,000 to advanced doctoral students, post-docs and junior faculty to conduct empirical research that sheds light on youth purpose. The deadline to apply is January 15, 2008. See http://www.stanford.edu/group/adolescent ctr/index.html.

NSF Call
The Division of Research on Learning in Formal and Informal Settings (DRL) in the Directorate for Education and Human Resources (EHR) of the National Science Foundation (NSF) supports basic and applied research and evaluation that enhances science, technology, engineering and mathematics (STEM) learning and teaching. The Research and Evaluation on Education in Science and Engineering (RESEE) program aims at advancing research at the frontiers of STEM learning, education, and evaluation, and at providing the foundation knowledge necessary to improve STEM teaching and learning at all educational levels and in all settings. This solicitation calls for four types of proposals—Knowledge Diffusion, Empirical Research, Large Empirical Research, and Diffusion and Evaluation. See http://www.nsf.gov/pubs/2007/nsf07595/nsf07595.htm

The Mind Trust’s Education Entrepreneur Fellowship
provides extraordinary entrepreneurs with a unique opportunity to develop and launch initiatives with great potential to transform public education. The Mind Trust will begin accepting applications on September 1, 2007. Applications include the Statement of Intent, due no later than January 15, 2008, and the Full Application, due no later than February 15, 2008. Statements of Intent and Full Applications are accepted only via The Mind Trust’s online application form. Please go to http://www.themindtrust.org for the application form and for more information.

The Institute of Education Sciences announces the Institute’s FY 2008 competitions for grants to support education and special education research and research training. For more information, see http://ies.ed.gov/newers/research/files/RFA-HD-07-001.html.

Collaboration in Biomedical Research program. This program, now in its fourth year, has been a catalyst for the development and ongoing support of collaborations that continue to lead to larger grant applications and awards, publications, intellectual property, and presentations. This round, CBR4, will support seven $50,000 awards shared between Purdue West Lafayette/ IU School of Medicine research teams. The deadline for receipt of applications is November 12. For program guidelines and the application, please see http://www.purdue.edu/ research/vpr/funding/iu-purdue.html.

School Readiness Consortium (U01)
http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-07-008.html. Letters of Intent Receipt Date: February 27, 2008. The NICHD invites applications from investigators willing to participate under a cooperative agreement in a multi-site research consortium designed to perform experimental or quasi-experimental efficacy trials on integrative early childhood programmatic approaches that promote school readiness for children ages 3-5 who are English Language Learners (ELL) and at-risk for later school difficulties. The purpose of this solicitation is to increase our understanding of the types of integrative programmatic approaches that promote ELL child learning and development across multiple domains of early childhood competence, as well as those that address teacher and parent behaviors that promote ELL children’s development in these areas. It is expected that projects will identify causal connections between specific programmatic approaches and specific ELL child competencies, and that the research studies and programs stimulated by this consortium will contribute scientific data that bear directly on a number of public policy issues and instructional practices as well as more broadly informing developmental science.

IMPORTANT CALL: The Dean’s Office Request for Applications for the Lumina Foundation. In collaboration with PU Development Offices, the COE is collecting the names of faculty/students with a research and engagement focus that may be of interest to the Lumina Foundation. The university will present a package of potential projects to the foundation that touch upon some or all of these issues: 21st Century School Programs; 1st Generation Higher-Ed Students; Underrepresented Groups In Higher Grades/Higher Ed; Male vs. Female Issues in Learning and Needs; Access and Equity; Retention and Success in Higher Ed. See http://www.luminafoundation.org/newsroom/news_releases/121205.html. Please DO NOT send proposal directly to Lumina: the foundation is inclined to fund its own research agenda rather than unsolicited projects from private PIs. DO send an abstract (or questions) of your interest to Jeff Gilger and cc Amanda Leader (jgilger@purdue.edu, aleader@purdue.edu) by the end of October.