DEAN’S INTRODUCTION

Greetings Everyone:

This is the first edition of the new Discovery and Development Newsletter for the COE. My plan is to use this letter as a venue to describe some of the activities of my office and the College of Education. To help me get started this current issue will be a bit on the long side. Then, in the Fall, there will be a shorter letter going out each month.

There are some things you might want to remember: first, archived newsletters will be available so you can have easy access to any prior newsletter information; second, I welcome comments that you may have regarding the newsletter or other aspects of life in the College of Education. Your input can be anonymous, or not, and can be submitted at: this site.

In closing, I want to say how impressed I am with what I have observed during my 22 months at Purdue. Mind you, this goes beyond the simple tally of dollars or manuscripts. Rather, the growth, positive attitude, and responsiveness I have seen spans all areas of scholarship and academic quality. The College is entering a new era, and what progress it makes, reflects the combined efforts and vision of all of its members. Best wishes to you and have a great new year!

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RESEARCH HIGHLIGHT:

A study by Yan Ping Xin (EDST) demonstrated the effectiveness of schema-based strategies for solving arithmetic word problems. Elementary students with learning disabilities/difficulties benefited from the introduction of symbolic representations and algebraic thinking in earlier grades. With the assistance of schematic diagrams, students were able to map information from problems to the diagrams that help with information organization and solution planning. Introducing algebraic conceptualization of mathematical relations to basic arithmetic problem-solving seems to facilitate a smoother transition from elementary to high level mathematics learning and may improve students’ middle and high school mathematics performance.

DEAN’S OFFICE DISCOVERY & DEVELOPMENT INITIATIVES

1. 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.

2. 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.

3. 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.

4. PRF International Travel Awards. The date for application will be indefinitely extended until we have spent these funds Please submit your application to Beth Helton. See the VPR funding site for more info.

5. 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 web site soon. In the meanwhile, if you want to see some of what is available please contact me or Beth Helton.

6. 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 Beth Helton. (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, and the Community of Science (COS) Expertise® database.

7. Faculty Project Funding. If you have an idea for a project that needs some sort of funding and you want help considering nonfederal 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.

8. Search for Funding Agencies. The Dean’s office will conduct a search for federal funding resources for you if you submit some keywords or ideas to us. Simply send an email to Beth Helton (copy Jeff Gilger) with the subject “Funding Search” and include at least several key words, and/or other ideas, topic descriptions, needs, etc. We will get back to you soon with a funding resource report.

9. New Support Programs for Graduate Students. Dr. Moon and I have been working together to draw-up some mechanisms of support for graduate students. These programs will be formerly announced at the start of the academic year and they involve helping student with their travel and research needs. Stay tuned or contact Beth Helton for more information.

Special points of interest:

Nadine Dolby (C&I) has received a Purdue Alumni Association Faculty Incentive Grant for her project "International Education in the United States and Australia."

The University of Pretoria awarded Dr. Lyle Lloyd (EDST) an honorary doctorate in recognition of his historic role in the international AAC field, and particularly in South Africa.

Research suggests that daily rhythms in attention and learning ability vary with age. For example, children aged 13 – 18 years are less able to learn and attend early in the morning (say, 7a-730a) than are their younger aged peers. Consequently, some researchers advocate for the revision of common scheduling practices in the primary and secondary schools. See Lawton, 1999; Carakson et al., 1995.

Contact Jeff Gilger or Beth Helton for Information About the Above Initiatives: jgilger@purdue.edu, 494-6542 or heltonb@purdue.edu, 494-0019
**Funding Opportunities**

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

- **Schomburg Center For Research In Black Culture Scholars-In-Residence Program Fellowship 2007-2008**
- **National Endowment for the Humanities**
- **National Alliance for Autism Research (Language and Communication)**
- **NSF, Education and Human Resources, Alliance for Broadening Participation in STEM**

**Special points of interest:**

Sydney Zentall (EDST) received the 2005-2006, College of Education Dean's Award for Outstanding Scholarship. She was recognized for her sustained and high level work in the field of special education and exceptional children.

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**UPCOMING EVENTS & ACTIVITIES**

- **Workshops.** We are planning a number of COE 2006-2007 "workshops" 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. If you have suggestions for other topics please let us know.

The first workshop will be in September 2006 and is titled “Sponsored Program Proposal Processing”. It will cover the components of a proposal, the roles and responsibilities of those involved in the proposal, preparing budgets, cost sharing, etc. Date and time TBA.

- **Symposium.** The first Annual Graduate Student Research Symposium will be on March 28, 2007!! This symposium will involve presentations by graduate students in any of the teacher education programs at Purdue. Watch for upcoming details and see the [PU Graduate Symposium website](#).

- **Funding Seminars.** The Spring 2006 Foundations/Corporations funding workshop by Marc Archambault was a success. Special thanks to Jennifer Jeffries for helping to set this up. Marc's PowerPoint presentation is available on my website: [Foundation Relations Seminar - March 2005](#).

- **Conferences.** Thanks to the hard work of many individuals, we had great representation at the 2006 AERA Annual Meeting & Exhibits and we will have a great showing at the 2006 APA Convention as well. We also served as the host for the Great Lakes Psychological Conference 2006, the Curriculum Studies Conference Articulating The Present (Next) Moment In Curriculum Studies: The Post-Reconceptualization Generation(S), and the Inaugural James F. Ackerman Colloquium on Technology and Citizenship.

- **Important:** Watch for a memo in August that will explain a new initiative of the Dean’s office that deals with better documenting faculty achievements. This initiative is in response to requests for information from the VPR’s office as well as the potential benefits derived from better advertising the great accomplishments of the COE faculty.
Welcome To This Year’s New Faculty!

Emily Bouck, Special Education. Emily received her doctorate from Michigan State University’s College of Education in the Special Education program within the department of Counseling, Educational Psychology and Special Education in 2006. Her interests lie particularly within secondary special education students.

Luciana de Oliveira, Literacy and Language. Dr. de Oliveira received her Ph.D. in June 2006 in the area of Language, Literacy, and Culture from the School of Education at the University of California, Davis. Among her interests is Second Language Acquisition.

William Hanson, Counseling and Development. Dr. Hanson received his Ph.D. in Counseling Psychology from Arizona State University and previously held a faculty appointment in the Department of Educational Psychology at the University of Nebraska. His research focuses on counseling process, psychological test interpretation, and qualitative and mixed methods research designs.

Shannon Henderson, Literacy and Language. Dr. Henderson graduated Auburn University in May of 2006 with a Ph.D. in Reading Education. She has also served as a Visiting Assistant Professor in the Department of Curriculum and Instruction at Auburn since 2005.

Tara Star Johnson, English Education. Tara received her Ph.D. in Language Education in 2005 from the University of Georgia and has since been teaching at Georgia Southern University. Dr. Johnson will be serving as an Assistant Professor in English Education (.33FTE) and will be housed in the English Department (.67FTE).

Anatoli Rapoport, Social Studies Education. Anatoli will be receiving his Ph.D. in the area of Social Studies Education in August 2006 from Purdue University. He has been serving as a graduate student in the James F. Ackerman Center for Democratic Citizenship in the College of Education.

Eric Riggs, Science Education and Co-Director of CRESME. Dr. Riggs is joining Purdue from San Diego State University where he served as an associate professor in Geoscience Education and Geology. In 2000 he received his Ph.D. from the University of California at Riverside in Geological Sciences. Dr. Riggs will be an Associate Professor in the Department of Curriculum and Instruction (.10FTE), as well as in the Department of Earth and Atmospheric Sciences (.90FTE). He will be assuming the responsibility as Co-Director of CRESME.

David Sears, Educational Psychology. David is expected to receive his Ph.D. in Psychological Studies in Education at Stanford University in 2006. He has been serving as a research assistant at Stanford since 2001. Topics include: Learning in Informal and Formal Environments Center research, transfer, collaborative learning, assessment of learning, teachable agents, imagery, and logic.

Melanie Shoffner, English Education. Dr. Shoffner received her doctorate in Education from the University of North Carolina at Chapel Hill in May of 2006. She has earned her Master’s degree in English as well as her Bachelor’s in English and History at Duke University. Dr. Shoffner will be serving as an Assistant Professor in English Education (.33FTE) and will be housed in the English Department (.67FTE).

John Staver, Science Education and Co-Director of CRESME. Joining the College of Education at Purdue from Kansas State University, Dr. Staver served as a professor in Science Education as well as the Director of the Center for Science Education at Kansas State University since 1988.

Ron Tzur, Mathematics Education. Joining the College of Education, Ron has held faculty positions at Penn State University and North Carolina State University. Ron is currently taking leave from Purdue to serve as a program officer at the National Science Foundation.

Andrew Tyminski, Mathematics Education. Andrew will be receiving his Ph.D. in August 2006 in the area of Mathematics Education from the University of Georgia in Athens. He has been serving as a graduate assistant for the Technology Integration in Mathematics project from 2005-2006.

Ayse Uruk, Counseling and Development. Ayse will be receiving her doctorate in 2006 from the University of Memphis in Counseling Psychology. She most recently has been serving as an Intern at the Center for Counseling, Learning and Testing at the University of Memphis, conducting individual, group and career counseling.

Carrie Wachter, Counseling and Development. Dr. Wachter is joining us from the University of North Carolina at Greensboro. She received her Ph.D. in Counseling and Counselor Education in May 2006. Dr. Wachter has been working as a counselor at a behavioral health center since 2004, as well as teaching undergraduate, Masters and Post-Masters courses in the Department of Counseling and Educational Development.

Aman Yadav, Educational Psychology. From Michigan State University, Dr. Yadav received his Ph.D. from the Learning, Technology, and Culture Program. He has been serving as a research assistant for the National Center for Case Study Teaching in Science as well as for a U.S. Dept. of Education funded grant since 2004.