Greetings Everyone:

Welcome to a new school year. This is the first newsletter after a brief break over summer. I hope that all of you have had some well deserved rest and relaxation.

In this issue, which is much longer than usual, I will cover quite a bit of material. I hope that you will find this information interesting and useful.

That said, I am sure that by now you have heard that our Dean, George Hynd, has taken a new position at ASU and begins there in January, 2008. I know that many of you agree with me that this is ASU’s gain and our loss. More information about Dr. Hynd’s transition is forthcoming. I know that he is anxious to see our faculty return from summer and he looks forward to discussing plans for the COE of the future.

You may also know that the assistant to the associate deans, Beth Helton, has taken a new position in the Advancement Office of the College of Technology. Her last day was August 10th. Needless to say we will miss her. She has been critical to our work on the 6th floor.

For now, in lieu of Beth, you can contact Carla Reeves or Emily Phelps (reeves@purdue.edu, 4-2336/ephelps@purdue.edu, 4-2341). Thank you in advance for any inconvenience this temporary change and transition may cause.

Sincerely,

Jeff Gilger, PhD

DEAN’S INTRODUCTION

New Assistive Technology Lab

Assistant professors Emily Bouck and Oliver Wendt have created an Assistive Technology (AT) Lab in the Department of Educational Studies. AT refers to a large spectrum of high technology and low technology strategies and devices that enable individuals to perform tasks that are difficult or impossible due to disabilities. With the help of AT, students with disabilities can access the general education curriculum, function more efficiently in daily life, and be successful learners. Adults with disabilities or chronic health conditions may benefit from AT to live more independently in their communities and be more competent in their work environments.

The current inventory of the AT Lab includes technology solutions in the areas of adapted computer access (e.g., alternate keyboard, touch screen, and voice recognition systems), augmentative and alternative communication (e.g., speech-generating devices), math and literacy support (e.g., calculators, Reading Pens), mobility (e.g., electric wheelchair), in addition to generic low tech AT (e.g., pencil grips, highlighter strips), and common technology that can be used as AT (e.g., LeapPad, FLY Pen). In addition, the AT Lab is equipped with five PC-based workstations, loaded with a variety of AT software, such as Inspiration, screen readers, and academic software designed specifically for students with disabilities.

The lab is used primarily for preparing preservice and inservice teachers with AT competencies and in course work. The lab is also open to all faculty members and students who plan to conduct AT related projects or who want to learn more about how to incorporate AT into teacher education courses or K-12 classes. The interested reader is encouraged to contact Emily Bouck (ebouck@purdue.edu; 494-7238) or Oliver Wendt (oli@purdue.edu; 496-8314) to schedule a lab visit or reserve lab hours. Further information about the AT Lab, which is located in the suite BRNG 5127/5161, can be found on the lab’s website at http://www.edst.purdue.edu/assistivetech/.

RESEARCH HIGHLIGHT
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.

PRF International Travel Awards. This round pertains to travel from July 1, 2007-June 30, 2008. Submit your applications for up to $1k by September 14, 2007. Please complete the Travel Award form that can be found at http://www.purdue.edu/research/vpr/funding/itg.html.

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.

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 Emily Phelps. (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.

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 re-

sources 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, topic descriptions, needs, etc. We will get back to you soon with a funding resource report.

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 or contact me for more information.

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 15th, 2008. See http://www.education.purdue.edu/learning_research/Faculty_Student_Awards.html.

Dean’s Office Mentoring. See announcements on the following pages.

For information on other Dean’s Office Initiatives and COE award opportunities. Contact me or Emily Phelps.

Register Now for the Fall Faculty Research Orientation (“new” and “old” faculty are invited)

This is an important opportunity to meet and greet, hear about grant making, and learn about PU opportunities.

Plus there is a free lunch!

See www.purdue.edu/research/vpr/proposal/workshops.html

Be a Mentor or Be Mentored!

For information about the Faculty Mentoring Network and the Teaching Academy, see www.teachingacademy.purdue.edu
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.

♣ The Undergraduate Research Trainee Program (URT). The URT program is accepting applications from faculty who want to have an undergraduate student work with them on research. See: http://www.education.purdue.edu/dean/Gilger/docs/URT/URT%20Application%202007-08.doc for an application or speak with Youli Mantzicopoulos (mantzi@purdue.edu). Applications are due August 18th.

♣ 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. We will have a great showing at the 2007 APA Convention. We also served as the host for the 2nd annual James F. Ackerman Colloquium on Technology and Citizenship.

♣ Thanks again to Mike Kremer and Greg Howell. For all that they do towards grant processing. Handouts from their workshops on “Sponsored Program Proposal Processing” last year are still available at http://www.education.purdue.edu/dean/Gilger/docs/fall06grantseminar.

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.

IMPORTANT DATES!

The first COE meeting of the year is on September 7, 2007 in Stewart Center, room 202. Special guests include President Córdova and Interim Provost Vic Lechtenberg.

Center Directors: Reports are do in the Dean’s office no later than September 9, 2007. See memo of July 7, 2007 or click here.

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

RESPONSIBLE CONDUCT OF RESEARCH (RCR)

The RCR web site is now up and running! See: http://www.gradschool.purdue.edu/RCR/. RCR encompasses research misconduct, human participants, research involving animals, data acquisition, management, sharing, and ownership, mentor/trainee responsibilities, publication practices and responsible authorship, peer review, collaborative science, conflicts of interests and commitments. On this site are articles, PowerPoints, and other materials that you may want to use yourself or for a class. Note also there is a schedule of presentations on various topics set for Fall, 2007.
Welcome to the New COE Faculty!

Curriculum & Instruction

Minchi Kim, *Educational Technology*, received her Ph.D. in Instructional Technology from University of Georgia in 2006; after which she served as a post-doctoral scholar in the Consortium for Research and Evaluation of Advanced Technologies in Education and instructor of Administration, Leadership & Technology at New York University. Her interests lie in technology education with a particular focus on the use of technology to support scientific inquiry.

Anita Roychoudhury, *Science Education*, received her doctorate in Curriculum and Instruction from Indiana University, Bloomington in 1990. Before coming to Purdue she served as an Assistant and Associate Professor at Miami University of Ohio and most recently as Associate Professor in the School of Teaching and Learning at the Ohio State University. Her interests mainly focus on conceptual development in science, particularly physics, and methods in science education.

Ruby Sanny, *Literacy & Language*, received her Ph.D. in Curriculum and Instruction: Reading, Writing, and Literacy, in 2005 from University of Illinois at Chicago. Most recently she has served as an Assistant Professor at Illinois State University, teaching Reading and Language Arts and Literacy Assessment related courses. Her interests include literacy learning and teaching as well as the use of technology in literacy education.

Angela Schoenbeck, *Literacy & Language*, received her Master of Science in Education in literacy and language education from Purdue in 2007. She has worked as an elementary school teacher since 2001 and most recently served as a 2nd grade literacy instructor here in Lafayette. She will be working with the Center for Literacy Education and Research as a clinical instructor.

Patricia Staver, *Literacy & Language*, received her Ph.D from Indiana University in 1979. She previously served as an assistant professor at Kansas State University, and she has been serving in the College of Education as a Limited Lecturer since 2006 by planning and teaching world language methods courses and providing structure and supervision for field experiences for the College of Education. She will be joining the College of Education faculty this year as a part-time Visiting Professor.

Johannes Strobel, *Educational Technology*, received his Ph.D. in Information Science and Learning Technologies from University of Missouri-Columbia in 2004. He has most recently served as an Assistant Professor of Educational Technology at Concordia University in Montreal, Canada. He will be joining the College of Education faculty in a 25% joint-appointment.

William Watson, *Educational Technology*, received his Ph.D. in Education, Instructional Systems Technology in 2007 from Indiana University. He served as a Lecturer of Computer and Information Technology at Indiana University-Purdue University at Indianapolis (IUPUI) since 2000. His interest is in educational technology with a particular emphasis on gaming and the applications of gaming in education. Bill will have a 25% appointment with the Discovery Learning Center this year.

Educational Studies

Nathalia Jaramillo, *Educational Leadership and Cultural Foundations*, received her Ph.D. of Education in the Division of Urban Schooling at the University of California in 2007, where she also served as a Graduate Student Instructor from 2004 – 2006. Her research examines, from an interdisciplinary framework, the processes of exclusion and inclusion of non-dominant student and community groups in the U.S. and abroad.

James Freeland, *Educational Leadership and Cultural Foundations*, received his Ph.D. of Education in Educational Administration and Curriculum in 1980 from Ball State University. For the past 23 years he has served as the Superintendent at Batesville Community School Corporation. He is now joining the College of Education faculty as a Visiting Professor.

Eric Mann, *Educational Psychology*, first joined the College of Education Faculty in 2005 as a Visiting Professor, after receiving his Ph.D. in Educational Psychology from University of Connecticut. His research interests center around the field of mathematics education with an emphasis on talent discovery and development and he has taught a variety of courses in these areas.

Dorothy A. Reed, *Educational Studies (Courtesy Faculty)*. Dorothy received her PhD from Michigan State University in the areas of College and University Administration. She joins PU as an Assistant Provost, where her duties will include the development, implementation and reporting on university plans for diversity; enhancing the retention and graduation rate of first generation and minority students; management of ethnic cultural centers; and service as the liaison to the Indiana Black Legislative Caucus for K-16 retention; among other duties.
EXTERNAL FUNDING OPPORTUNITIES

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

The Alfred P. Sloan Foundation Education and Careers in Science and Technology program seeks to make available realistic information about the nature of work in science and engineering. The foundation makes grants to non-profit organizations (such as professional societies or institutions of higher education), representing various disciplines in the physical sciences and engineering, for the preparation of videotapes, CD-ROMs, and World Wide Web pages on career information in their fields. Applications are accepted continuously. For more information, see http://www.sloan.org/programs/edu_careers.shtml.

NSF’s Research Experiences for Teachers (RET): Supplements and Sites program (NSF 07-557) supports the active involvement of K-12 teachers and community college faculty in engineering research in order to bring knowledge of engineering and technological innovation into their classrooms. This announcement features two mechanisms for support of in-service and pre-service K-12 teachers or community college faculty research: RET Supplements and RET Sites. RET Supplements may be included in proposals for new or renewal National Science Foundation (NSF) Directorate for Engineering (ENG) grants or as supplements to ongoing NSF/ENG funded projects. RET Sites are based on independent proposals to initiate and conduct research participation projects for a number of K-12 teachers or community college faculty. The anticipated maximum funding amount per site is $500,000 for a duration of up to three years subject to the availability of funds. RET supplements are limited to a maximum of $10,000 per teacher for a duration of one year subject to the availability of funds. Deadlines for this program are July 6, 2007; November 19, 2007; and the third Monday in November annually thereafter. For more information, see http://www.nsf.gov/pubs/2007/nsf07557/nsf07557.htm.

American Educational Research Association (AERA) Research Grants are intended to (1) stimulate research on issues related to U.S. education policy and practice using NCES and NSF data sets; (2) improve the educational research community’s first-hand knowledge of the range of data available at the two agencies and how to use them; and (3) increase the number of educational researchers using the data sets. AERA invites researchers having the doctorate to submit education policy- and practice-related research proposals using NCES, NSF, and other national data bases. Applications are encouraged from a variety of disciplines, e.g., education, sociology, economics, psychology, demography, statistics, and psychometrics. Funding is $35,000. The next deadline is August 31. For more information, see http://www.aera.net/grantsprogram/res_training/res_grants/RGFly.html.

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://fr.cos.com/cgi-bin/getRec1?&file=1/20070406.dat&begin=867489&end=892007?

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/ius-purdue.html.

SPECIAL ANNOUNCEMENTS!

In case you missed some of the details, the ISTEM (Indiana STEM Discipline Network project is now in full swing. See http://www.istemnetwork.org/ and http://news.uns.purdue.edu/x/2007a/070521I stemISTEM.html. Go explore!

You may recall that PU is the coordinating institution for ISTEM and that the COE is one of the project partners. The current PU contact persons for ISTEM is Bill Walker at wswalker@purdue.edu.

The PU Entrepreneurial Leadership Academy has faculty fellowships available. The PDF document about this opportunity can be found here: http://www.purdue.edu/elist39/docs/Entrepreneurial_Leadership.pdf or contact Candiss Vibbert at vibbert@purdue.edu or 49404.
Important Message on Research Integrity

The Office of the Vice President for Research has initiated several new procedures for the research training of students and for the insurance of ethical research practices among faculty and staff. Among these procedures are: the Responsible Conduct of Research program for students and faculty mentioned on page 3 of this newsletter, the requirement that the COE establish formal procedures for handling research integrity issues in alignment with memos from the VPR’s office and the University (see http://www.gradschool.purdue.edu/RCR/#3), and the requirement of IRB training for all faculty, staff and students involved in research, whatever their rank and experience (see http://www.citiprogram.org/). Over the next month or so the COE leadership will be developing some procedures and policies on these matters and will present them to faculty and staff for review soon. If, in the meanwhile, there are any questions or comments on any issue relevant to research practices (student or otherwise) please contact my office.

State of Affairs Regarding Scholarship and Grant Activity of the COE as of June, 2007

The following several figures summarize the scholarship activity of the COE with regard to some common benchmark variables. Greater detail and discussion will appear in the Annual Report out of the ADDFD office later this Fall. Suffice it to say that in general, the COE is showing progress towards research and scholarship growth and national recognition. This progress is due to some very basic factors. First and foremost, is the hard work of faculty. Second, is the coordinated efforts and responsiveness of the business office. Third, is the advertisement of the COE and its offerings across campus and beyond. Fourth, is the persistence of staff and faculty with clear vision and leadership. And finally, of course, there has been patience! If you have any comments or questions feel free to send them my way directly or, if you prefer, anonymously via a vis the link on the front page of this newsletter.

The COE is Very Involved in Collaborations Across Units on Campus

The Figure below shows the dollar amount (in millions) of grant activity submitted through any PU unit where a COE staff or faculty has been listed for some percent of time and effort. This documents our campus involvement and it shows significant growth over the past two years.
The COE Has Been Very Active in Grant Submissions

The Figure below shows the number of grant applications (internal, external, private, state, and federal) submitted through the COE business office. This documents our hard work, and it demonstrates the heavy activity of the business office that must submit and track all applications. There is also evidence of average growth and steady pace in this area, especially since 2002-2003.

The COE and the Challenge to Grow in Funded Scholarship

The next chart below shows the amount of dollars that the COE has received (in millions) due to this grant application activity. Again, there is a slow progression upward, and a sort of “revitalization” since before 2002. There is, again, evidence of average growth and steady pace in this area.

Note: After July 1 and as of August 15th, some $800-900k in funding has come into the COE that is not shown in the June 06-07 bar.
STATE OF AFFAIRS REGARDING SCHOLARSHIP AND GRANT ACTIVITY OF THE COE AS OF JUNE, 2007, CONCLUDED

The COE as Reflected in Publication Rates

This Figure shows the mean number of publications in clearly refereed outlets. Data for the C&I and EDST departments are graphed. Here we see that the drop in such activity that occurred in the years 2003-2005 has been halted, and that there is a recognizable shift towards more productivity in this domain. Note that because the numbers of faculty change year-by-year and are different across departments, this chart reflects the average number of publications across all faculty and programs within C&I and EDST.

As a supplement to the Figure above, the Figure below shows the actual number of publications in refereed outlets for each department. The "flip" of the lines for C&I and EDST in the two figures on this page is likely due to the fact that EDST has had roughly 71-84% of the number of faculty of C&I across the years. Hence, the average per faculty member in the Figure above may better indicate the change in publication rates for the COE units.

Note: In some cases, faculty on leave in the departments did not contribute to the publication numbers presented.

And Now, the Rest of the Story: The COE is Better Rated in USNEWS

The small table below provides data on the COE’s general rankings out of the USNEWS and WORLD REPORT as of 2004 and 2006-2007. The COE has improved in key areas! Worth mentioning here, are a few caveats: First, an analyses of the USNEWS information suggests that the change is real. For example, our most recent positioning is not simply due to other institutions going down around us. Sure, there is some variability as would be expected, but the changes do not explain our rise from 50th to 46th. Second, the change in standing is likely due to more than just our scholarly productivity and grant work. For example, the COE has made a concerted effort to advertise itself better through a formal PR plan out of the Dean’s office. And finally, while such rankings are important, it is my opinion that they are not the end-all solution to assessing how well we are doing. Other equally important measures of our scholarship and mission fulfillment are often difficult to incorporate into such rankings. Ultimately, what we do to effect the world around us comes down to the individual accomplishments of each faculty member and the students we serve and graduate. Keep up the good work all of you!

<table>
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<th>Year</th>
<th>Student/Faculty Ratio</th>
<th>Grants in Millions of Dollars</th>
<th>Average Number of Dollars per Faculty Member in Thousands</th>
<th>Ranking Within the Top 50 Schools</th>
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<td>COE, 2004</td>
<td>2.4</td>
<td>$3.3</td>
<td>$51.3</td>
<td>50</td>
</tr>
<tr>
<td>COE, 2006-2007</td>
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<td>$3.9</td>
<td>$59.6</td>
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