

The Graduate

Purdue University Graduate School

Purdue University Graduate School Newsletter

Spring 2003, Vol. 4, No. 1

Center for Career Opportunities Assists Graduate Students with Job Search

by Tim Luzader

The Center for Career Opportunities (CCO) provides a wide array of services that many graduate students have found helpful in the job search process.

Drop-in Services

If you would like another pair of eyes to review your resume and offer expert advice, we invite you to drop by for a brief visit with a CCO staff member. We can also answer questions about cover letter preparation and registering on the CCO Express. Drop-in hours are 9:00 a.m. to Noon and 1:00 to 5:00 p.m. Monday through Friday in Room 194, Stewart Center.

Individual Appointments

If a more extensive visit is desired, we invite you to meet with a career services consultant to discuss job search strategies and your career ideas. Have you changed your mind about a career in academe and are now seeking to convert your *curriculum vitae* into a resume? We can help you with this process during an individual consultation. Call 494-3981 to make an appointment.

Interviews with Companies/Other Resources

The CCO hosts one of the highest volume campus interviewing programs in the country. A number of companies that visit the CCO open their interview schedules to include gradu-

ate degree candidates. To register for this service, go to <https://www.cco.purdue.edu/>, click on "Students", then click on "CCO Express" in the upper left-hand corner of the screen to get started. While visiting the CCO's Web site, you'll notice a plethora of additional resources designed to assist you with the job search process, including on-line job search videos, information on job search-related clinics as well as links to a number of other helpful Web sites.

Feedback for the CCO

To the extent that the CCO is able to provide services to graduate students, we want to assure that the CCO's time investment, staffing and resources are effectively spent. To do so, we seek advice from faculty members and graduate students on how to improve our services. Can you help us? We invite you to contact us at askcco@purdue.edu and share your ideas, as well as referrals to information sources that will help us better serve your specific job search and career-related needs. ♦



Tim Luzader, director of the Center for Career Opportunities

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PURDUE
UNIVERSITY

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Dwight E. Lewis, Director of Minority Programs for the Graduate School

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Patricia A. Springer, Student Records Coordinator

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Grad School on the Web

Visit the Graduate School on the Web at <http://www.purdue.edu/GradSchool/> for information on a variety of topics from deadlines and funding sources to the latest news. E-mailing the Graduate School is just a click away at, gradinfo@purdue.edu.

The Graduate is published in the fall and spring by the Purdue University Graduate School. We welcome your suggestions and comments. Please send any correspondence to: hanks@purdue.edu.

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Judith R. Hanks, assistant editor and production assistant
Barbara Leonard, editor

Message from the Dean



Thanks to everyone who has made my first months in the Graduate School so welcoming and interesting. In addition to colleagues in Young Hall and across campus, students involved with the Black Graduate Government and the Purdue Graduate Student Association have been especially helpful in sharing insights about graduate education at Purdue.

The last few months have been busy. Three important committees that former Dean Gary Isom set up have begun their work. Michael Forman, professor of biological sciences, chairs the task force on Ethics in Graduate Education. Thomas J. Downar professor of nuclear engineering, heads the group looking into Interdisciplinary Graduate Programs. The task force focusing on Residency Issues for Graduate Study is led by Jan Allebach, professor of electrical and computer engineering. A new task force, lead by Jon Story, associate dean of the Graduate School, will make recommendations to enhance the postdoctoral experience on campus. Each task force will issue a report to the Graduate Council this spring.

On December 19, 2002, President Martin Jischke showcased the University's graduate programs at the monthly President's Forum. The chart he used (facing page) to provide a snapshot of graduate education on the West Lafayette Campus tells an interesting story.

While statistics cannot fully illustrate graduate education at Purdue, they do provide an indication of trends. More students than ever are applying to Purdue's outstanding graduate programs. Students who report a GRE score as part of the application process are reporting higher scores than did their predecessors five years ago. Undergraduate GPAs have risen slightly as well. Enrollment has increased nearly 13 percent over five years to an all-time high of 6,757 students in 2002. More than 65 percent of those students receive assistantship and fellowship support – more than \$77 million worth in 2001-02.

While these trends are positive, Purdue does face challenges in some key areas. These include a continuing decline in the number of doctoral degrees granted, down to 409 in 2001-02. While the national trend mirrors our own, it does not alleviate concern. We see other areas for improvement in the number of women and minority graduates at Purdue, both of which are near the bottom when compared to other graduate programs defined in the University's *Strategic Plan* as our peers. It is the goal of the Graduate School's strategic plan to address these and other issues to ensure Purdue University's reputation as a leader in graduate education. ♦

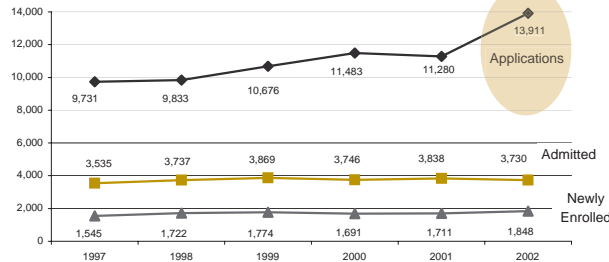
John J. Contreni is interim dean of the Graduate School and professor of history.

Graduate Education

December 19, 2002

ADMISSIONS

	1997	1998	1999	2000	2001	2002
Selectivity	36.3%	38.0%	36.2%	32.6%	34.0%	26.8%
Yield	43.7%	46.1%	45.9%	45.1%	44.6%	49.5%



QUALITY INDICATORS

	1995	1997	1999	2001
Graduate Record Exam				
Domestic	1,677	1,787	1,764	1,787
International	1,650	1,830	1,828	1,846
Total GRE	1,658	1,795	1,787	1,826
Undergraduate GPA	3.3	3.5	3.4	3.4

ENROLLMENT DEMOGRAPHICS

	1997	1998	1999	2000	2001	2002	5 Yr % Change
DOMESTIC							
Indiana	1,598	1,556	1,497	1,402	1,477	1,576	-1.4%
Domestic Non-Res	2,237	2,121	2,140	2,053	2,034	2,107	-5.8%
Total Domestic	3,835	3,677	3,637	3,455	3,511	3,683	-4.0%
MINORITY							
African-American	197	182	207	200	200	241	22.3%
Asian-American	248	217	205	193	186	191	-23.0%
Hispanic-American	127	143	147	144	135	145	14.2%
Native-American	18	23	24	17	19	23	27.8%
Total Minority	590	565	583	554	540	600	1.7%
Total International	2,159	2,336	2,500	2,666	2,832	3,074	42.4%
GENDER							
Female	2,186	2,194	2,210	2,209	2,331	2,503	14.5%
Male	3,808	3,819	3,927	3,912	4,012	4,254	11.7%
Total Enrollment	5,994	6,013	6,137	6,121	6,343	6,757	12.7%

TOP FIVE COUNTRIES - INTERNATIONAL ENROLLMENT

	1997	1998	1999	2000	2001	2002	5 Yr % Change
Peoples Republic of China	506	528	557	581	596	667	31.8%
India	283	318	361	395	464	532	88.0%
South Korea	191	243	294	335	373	379	98.4%
Taiwan	194	186	170	156	143	144	-25.8%
Turkey	66	72	78	89	103	98	48.5%

GRADUATE ENROLLMENT BY SCHOOL

	1997	1998	1999	2000	2001	2002	5 Yr % Change
Agriculture	498	497	518	511	493	537	7.8%
Cons & Fam Sci	195	193	175	174	181	188	-3.6%
Education	556	547	550	525	552	591	6.3%
Engineering	1,833	1,823	1,843	1,892	1,978	2,190	19.5%
Liberal Arts	1,014	1,062	1,045	1,001	1,010	1,015	0.1%
Management	587	567	628	655	693	705	20.1%
Pharmacy	147	132	133	143	156	157	6.8%
Science	892	870	895	885	902	965	8.2%
Technology	83	122	137	108	121	163	96.4%
Veterinary Med	64	72	71	57	63	72	12.5%
Intrdisc Prog	125	128	142	170	194	174	39.2%
Total	5,994	6,013	6,137	6,121	6,343	6,757	12.7%

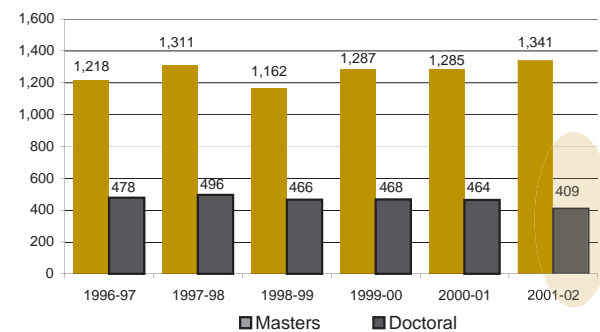
GRADUATE STUDENT ASSISTANTSHIPS BY CLASSIFICATION

	1997	1998	1999	2000	2001	2002	5 Yr % Change
Research Assistant	1,151	1,194	1,282	1,372	1,482	1,835	59.4%
Teaching Assistant	1,941	1,983	2,075	2,123	2,146	2,039	5.0%
PRF Res Assistant	221	249	241	238	221	182	-17.6%
Grad Sch Fellowships	217	209	225	246	267	274	26.3%
Grad Student Adm	72	81	76	71	79	108	50.0%
Total	3,602	3,716	3,899	4,050	4,195	4,438	23.2%
% of Total Enrollment	60.1%	61.8%	63.5%	66.2%	66.1%	65.7%	

STUDENT FINANCIAL AID

	2000-01	2001-02
Fellowships	\$ 6,508,805	\$ 7,357,489
Graduate Student Staff Salaries	\$53,668,431	\$57,022,259
Graduate Staff Fee Remission	\$ 12,351,540	\$ 12,682,370
Total	\$72,528,776	\$77,062,118

DEGREES AWARDED



TOP TEN DEGREES AWARDED 2001-02

Masters		Count	Count	
Management	158	Continuing Engineering Edu	67	
Management - Exec. Edu	99	Industrial Administration	62	
Electrical & Computer Engr	78	Curriculum & Instruction	58	
Mechanical Engineering	78	Technology	42	
Civil Engineering	73	Industrial Engineering	40	
Doctoral				
Chemistry	43	Psychological Sciences	17	
Electrical & Computer Engr	35	Aeronautics & Astro Engr	14	
English	26	Biological Sciences	14	
Civil Engineering	24	Curriculum & Instruction	12	
Mechanical Engineering	20	Physics	10	

PEER GRADUATE DEGREES 2001-02

	Total Masters	Total Doct	Total Grad Degrees	% Fem	% Min	% Intrn'l
Cal Berkeley	1,845	805	2,650	47%	24%	23%
Cal Davis	694	348	1,042	44%	16%	19%
Cornell	1,562	382	1,944	36%	19%	38%
Georgia Tech	1,116	257	1,373	25%	14%	40%
Illinois	2,452	602	3,054	46%	11%	36%
Michigan	2,986	614	3,600	45%	17%	25%
Penn State	1,107	519	1,626	40%	10%	31%
Purdue	1,341	409	1,750	33%	9%	41%
Texas - Austin	2,612	639	3,251	46%	14%	27%
Texas A&M	1,638	504	2,142	40%	9%	36%
Univ of Arizona	1,290	370	1,660	52%	16%	26%
Wisconsin	1,843	655	2,498	48%	8%	24%
Peer Mean (excluding Purdue)	1,740	518	2,258	43%	14%	30%
Purdue index	0.77	0.79	0.77	0.77	0.60	1.40

Source: IPEDS Completions Survey

Source: Office of the Registrar, Human Resource Services, and the Graduate School unless otherwise noted.

Recruiting New Graduate Students

by Phillip E. Pope

Recruitment is the foundation for enrolling and graduating top-flight graduate students. Graduate student recruitment, even in these difficult economic times, is a primary effort among the nation's colleges and universities, and Purdue University is no exception, especially when we are competing for the best and the brightest.

The Graduate School has undertaken an initiative to assist Purdue's academic departments and interdisciplinary programs as they continue to recruit and enroll a talented and academically diverse graduate student body.

To this end, Provost Sally Frost Mason recently approved the creation and staffing of the Office of Graduate Student Recruitment Services. The office reports to the dean of the Graduate School and is located in Young Hall. A search is underway for a director, an assistant director, and support staff. The office plans to work closely with University administration, deans, and heads of academic schools, departments, and programs to develop and implement a comprehensive recruitment plan. The office also plans to provide assistance to academic departments and interdisciplinary graduate programs in their efforts to develop student recruitment strategies and implementation plans.

In addition, the recruitment office will oversee all aspects of the Graduate School's prospective student inquiry database provided by "ApplyYourself," Inc., which was begun in the Fall semester 2001, including software upgrades, faculty and staff training, data analysis, and reports. The ApplyYourself program has proven to be an effective approach in identifying desirable graduate-student candidates from an ever-growing number of interested students.

The recruitment office will also undertake aggressive in-state and regional campaigns to recruit students. These will include school fairs, as well as coordinating West Lafayette campus visits by selected domestic minority programs, including first generation graduate students.

It is our goal, with these initiatives and the creation of the Office of Graduate Student Recruitment Services, to help Purdue successfully compete — both nationally and internationally — for the recruitment of the best and the brightest graduate students. ❖

Phillip E. Pope is associate dean of the Graduate School and professor of forestry and natural resources.

Update on Interdisciplinary Life Science Graduate Programs

by Jon A. Story

We continue to work toward a new model for interdisciplinary graduate programs in the life sciences at Purdue. Last fall, our committee held a series of meetings with life sciences faculty to discuss several options for the design of the program. These meetings were very productive and have been used to develop a proposal to carry forward to the Graduate Council and the Provost for the Purdue University Life Science Interdisciplinary Graduate Program (PULSe).

The overarching philosophy of PULSe is to provide the highest quality of education and research training for graduate students in interdisciplinary/interdepartmental life science programs at Purdue. To that end, PULSe will admit students under an "umbrella" where they will be free agents to select a major professor and laboratory from a number of Training Groups. We hope this will maximize their ability to work in an area that matches their interests and abilities. Curriculum will be determined by each Training Group with a few general requirements from PULSe, such as, courses geared toward ethics, writing, etc. Our desire is to create a rich educational experience by encouraging interaction among each year's admitted students as they move through the program together pursuing diverse research interests.

Our goal is to have administrative details worked out by this coming fall so we may begin recruiting students next winter and admit our first PULSe cohort in the fall of 2004.

Since we are in the midst of developing this proposal, we are seeking input from graduate students in the life sciences. Suggestions or volunteers to assist in reviewing and commenting on the proposal are welcome. Please contact Jon Story at **496-7352** or e-mail jastory@purdue.edu. ❖

Jon A. Story is associate dean of the Graduate School and professor of foods and nutrition.

Many Roads to Success Lead from MARC/AIM

by John Contreni

The MARC/AIM program is an essential initiative in Purdue's continuing focus on ethnic and cultural diversity.

The success of the MARC (Minority Access to Research Careers) and AIM (Access Internally for Minorities) joint program owes much to Professor Victor Rodwell (biochemistry), the founding MARC/AIM director. Vic retired as director in December 2002 and passes the torch of MARC/AIM's success to Professor Ronald Coolbaugh (botany and plant pathology) who has been appointed as the new director of the program. Ron will be working closely with Vic to ensure a

smooth transition to another successful program this coming summer. Along with more than 375 other Purdue faculty, Ron has served as a research mentor for MARC/AIM students and has directed the Summer Research Opportunity program in Agriculture.

The history of the program goes back more than two decades. The Purdue University-MARC Program was established in 1980 to offer undergraduate students from the federal MARC Program at minority institutions an opportunity to participate in

research at Purdue. In 1982, the AIM program began to offer the same research experience to minority students enrolled at Purdue.

The Purdue MARC/AIM program is now in its twenty-fourth year and has facilitated more than 750 participants' collaborations with faculty mentors on research endeavors. The number of MARC/AIM students involved in advanced study illustrates the success of the program. While many of the most recent participants are still undergraduates, some 375 former MARC/AIM students have gone on to graduate school. So far, 56 have earned the Ph.D. degree (29 from Purdue), 51 have earned M.D., D.D.S., and D.V.M degrees and over 130 students have earned Master's degrees. Currently, 108 students are enrolled in graduate programs (more than 40 at Purdue). Forty MARC/AIM participants are now in medical school, while 25 are pursuing other forms of postgraduate education. MARC/AIM participants have also made their mark in the corporate world. Among the 65 corporate employers of former MARC/AIM students are Abbot Labs, Allstate, AT&T Bell Labs, Borg Warner, Bristol-Myers Squibb, Cessna Aircraft, Dupont, Eli Lilly, Ford, GE, Honeywell, McDonnell-Douglas, Pfizer, Rockwell International, SIA, and Zeneca Agricultural Products.

The achievements of the MARC/AIM students testify not only to their intelligence, but to their industry and academic and workplace skills. It is a source of great pride that their first steps along the road to success began at Purdue University.

The Graduate School, the Office of the Provost, and the Schools of Agriculture, Engineering, Liberal Arts, Pharmacy, and Science continue to fund the MARC/AIM program. ❖



Ronald Coolbaugh

Reflections on MARC/AIM

by Victor Rodwell

The Purdue MARC/AIM Summer Research Program has, over the past 23 years, had considerable success in its goal of encouraging undergraduate students, who are members of under-represented minority groups, pursue the Ph.D. degree. Participants from Purdue and other universities undertake eight weeks of full-time research directed by Purdue faculty. Evening offerings include a GRE Preparation Workshop and meetings where graduate school topics are discussed. There are also weekend social activities and the program concludes with research presentations and a banquet.

I wish to express my gratitude to the hundreds of volunteer mentors—faculty, graduate student, post-doctoral and technical staff—without whom the program could not have succeeded. I also express my gratitude to past and present Deans of the Graduate School and Deans of Agriculture, Science, Engineering and Liberal Arts who have provided consistent fiscal support for the program over the years. My wife Meredith and I have thoroughly enjoyed interacting with the more than 750 talented students who have participated since 1980, and subsequently following their academic careers. Many of these students have pursued or are now pursuing graduate education. Our graduates have worked and earned Ph.D. degrees in fields such as Aeronautics and Astronautics, Psychological Sciences, Biological Sciences, and Biochemistry. Many others have earned M.D., D.D.S., D.V.M., and other doctorates, as well as Master's degrees. Many former participants are presently enrolled in graduate programs.

In the early years of the MARC/AIM Program, Luther Williams, Cyril Brown, and Dwight Lewis played important roles in the direction of the program, and my wife, Meredith, has served as the Program Coordinator for over a decade. I am extremely pleased that Professor Ronald Coolbaugh, the recently appointed Director of the program, will oversee its future growth, and for the continued enthusiastic support from Dean Contreni and Provost Mason. ❖

Victor Rodwell is professor of biochemistry



Victor Rodwell

Big Incentives to Apply for Multi-year Fellowship Programs

by Cyndi Lynch

This September, the Graduate School will host two workshops in anticipation of the 2003-2004 National Science Foundation Graduate Research Fellowship (NSF GRF) competition. The NSF GRF is a \$21,500 fellowship that provides three years of support that may be used over a five-year period. A cost-of-education allowance in the amount of \$10,500 is included which covers medical insurance, tuition and fees. The Purdue Graduate School provides the portion of tuition not covered by the allowance. Students who apply for this fellowship are also eligible to receive a \$500 grant through the Graduate Student Fellowship Incentive Grant Program (see sidebar).

Preparation and Submission of Proposals Workshops

Professor Jim Jones from the School of Mechanical Engineering will lead the first workshop scheduled for **Tuesday, September 9, 2003**. Professor Jones served on the review panel for the NSF Graduate Research Fellowships and will discuss the application process and provide key strategies to consider when submitting an application.

A follow-up workshop is planned for **Tuesday, September 23**. A panel of current NSF Fellows will discuss the application process from a student's point of view. The panel will provide insights on the preparation and submission of an application, and share what they found helpful, problems they may have encountered, and how they resolved those problems. The workshops are scheduled for 6:00 p.m. Check the Graduate School Web site in August for the location of these two workshops.

Minimum Eligibility for NSF GRF

- U.S. citizen or permanent resident aliens
- Study in an NSF supported field — chemistry, computer and information science and engineering, engineering, geosciences, life sciences, mathematical sciences, physics and astronomy, psychology, social sciences

Three opportunities to apply:

- Senior in college
- Prior to or during first year of graduate school
- Beginning of second year of graduate school

More information about the NSF GRF, guidelines, and application are available at: www.ehr.nsf.gov/dge/programs/grf/ or www.orau.org/nsf/nsffel.htm

Funding amounts and data in this article are based on 2002 program guidelines. The 2003-04 NSF GRF competition is expected to be announced this fall.

Suggestions for additional funding workshops are welcome, please contact Cyndi Lynch at clynch@purdue.edu or 494-2598. ❖

Cyndi Lynch is fellowship/development officer for the Graduate School.

Graduate Student Fellowship Incentive Grant Program

Awards of \$500 each are available to graduate students who submit a proposal to a select list of external multi-year fellowship programs. The award will be made directly to the graduate student and is not contingent upon the success of the proposal.

Eligibility criteria and a list of selected external fellowship programs are available in pdf format from the Graduate School Web site at: www.purdue.edu/GradSchool/Funding/incentivegrantannouncement0304.pdf.

The Incentive Grants Program was established to encourage Purdue University graduate students and undergraduates to seek research funding from among the 17 specified fellowship programs.

Fellowship programs include:

National Science Foundation Graduate Research Fellowships;

U.S. Department of Defense National Defense Science and Engineering Graduate Fellowships (NDSEG);

National Institutes of Health Predoctoral Fellowships;

Ford Foundation Predoctoral Fellowships for Minorities; and others.

Visit the Graduate School Web site for a complete list of fellowship programs: www.purdue.edu/GradSchool/Funding/funding.html.

Correction Alida Teresa Rodriguez received a Special Initiative Award Fall 2002 rather than a National Science Foundation Graduate Research Fellowship as noted in the previous issue of The Graduate.

Committee on Institutional Cooperation Traveling Scholar Program

The Traveling Scholar Program enables doctoral-level students at any CIC (Committee on Institutional Cooperation) university to take advantage of educational opportunities such as laboratories, special courses and unique library collections offered at other CIC universities without change in registration or increase in tuition.

The CIC, established in 1958, is an academic consortium of twelve major teaching and research universities in the Midwest. Its programs and activities extend to all aspects of university activity with the exception of intercollegiate athletics. Since it began in 1963, the CIC Traveling Scholar Program has provided collaborative education opportunities to more than 5,000 doctoral candidates at designated CIC universities (see list below).

Eligibility Criteria

A doctoral-level student who wishes to become a CIC Traveling Scholar must first consult with his or her adviser. They will subsequently determine whether the off-campus opportunity is likely to enhance the student's education and to ascertain that it is not available on the home campus.

Conditions of Enrollment

- Traveling Scholars remain registered at their home universities, paying the usual fees as if they are in residence.
- Traveling Scholars must be registered at **both institutions**. Students are not billed by the host institution for registration or tuition fees; however, they must provide evidence of tuition paid at their home university.
- Host universities provide access to libraries, laboratories, recreational facilities, housing, etc., on the same basis as they are made available to resident graduate students. However, Traveling Scholars may be assessed fees for certain services or benefits.
- Traveling Scholars may be required to secure their own health and medical coverage. Check with your Traveling Scholar contact for information specific to your host institution.

- Credit earned by Traveling Scholars is accepted by the home university for the equivalent credit level (undergraduate or graduate) upon receipt of grade reports or transcripts from the host university. Credit toward a degree, however, will be at the discretion of the home university or department.
- Visits by Traveling Scholars may not exceed **two semesters or three quarters**, regardless of the number of courses taken.

For more information

For program details or to download an application, please visit the CIC Traveling Scholar Program website:

www.cic.uiuc.edu/programs/TravelingScholars/

Purdue Campus Contact:

Ted Daniels, teddaniels@purdue.edu

Purdue Traveling Scholar Liaison:

Cyndi Lynch, clynch@purdue.edu

CIC member institutions include:

- University of Chicago
- University of Illinois at Chicago
- University of Illinois at Urbana-Champaign
- Indiana University
- University of Iowa
- University of Michigan
- Michigan State University
- University of Minnesota
- Northwestern University
- Ohio State University
- Pennsylvania State University
- Purdue University
- University of Wisconsin at Madison
- University of Wisconsin at Milwaukee.

The CIC headquarters office is located at the University of Illinois at Urbana-Champaign and is funded through member university dues.❖

28 Travel Grants Awarded in Fall 2002

Pablo Benavides, entomology, *Biodiversity and biogeography of the coffee berry borer*

Jenniemarie Blanket, English, *Naval casualty reports: Understood directives, inherent values, and acronymic information within and activity system*

Jiun-ming Chen, mathematics, *Tame transformation signatures and topsy-turvy hashes*

Nicole Converse, English, *Realizing idealism in the classroom*

Natalie Dove, psychology, *Information availability, need for cognition, and bias correction strategies*

Kacie Ehrenberger, forestry and natural resources, *Conservation value of creating wetlands in prairie restoration*

Ruomei Feng, child development and family studies, *Effect of tourist pre-trip purchase decision involvement on the information preference*

Sandra Garrett, industrial engineering, *Mission control knowledge synchronization: Operations to reference performance cycles*

Melina Griss, psychology (IUPUI), *CERAD performance in Alzheimer disease and progressive supranuclear palsy*

Tammy Harpel, child development and family studies, *Teaching undergraduates about adult development: Making it 'real'*

Loree Johnston, botany and plant pathology, *Using MultiSpec to identify weed infestations in soybeans*

Jennifer Koop, psychology (IUPUI), *Sleep as a moderator of the relationship between spike-wave discharges and behavior*

J. Brandon Laflen, electrical and computer engineering, *Generating acoustic stimuli with minimal perceptual error for psychophysical experiments involving 'normal hearing' subjects*

Emily Latch, forestry and natural resources, *Relative utility of molecular markers for wild turkey management*

Suyong Lee, food science, *Study on ultrasonic and rheological properties of dough during fermentation*

Ting Liu, child development and family studies, *A preliminary EFT manual for working with Chinese couples*

Kristin Lucas, communication, *1. Socially constructing justice in a blue-collar organization: 'Sisu' narratives as action 2. Sex differences among young adults' video game use and preferences*

Charles Makin, pharmacy practice, *1. An investigation of the factors influencing the relationship between Health Locus of Control and consumer responsiveness to direct-to-consumer advertising of brand name and generic prescription drugs 2. A policy analysis of Direct-to-Consumer Advertising based on the economic efficiency criterion*

Paul Miller, curriculum and instruction, *What to do about the immigrant students?: An examination of their problems in school and what teachers can do to help*

Rebecca Myers, medicinal chemistry and molecular pharmacology, *Ammonia transfer in imidazole glycerol phosphate synthase: Communication through A (b/a)₈ barrel between two active sites 30Å apart*

Carl Nelson, mechanical engineering, *1. Kinematic analysis of bevel epicyclic gear trains using graph notation 2. An integrated method of Kinematic, Force, Power Flow, and Efficiency Analyses for 3-D Epicyclic Gear Trains*

Debra O'Conner, curriculum and instruction, *Application sharing during video conferencing offers enriched distance learning environment: Collaboration between graduate students and 5th graders*

Adam Santone, horticulture and landscape architecture, *Soy touch gene characterization and effects of mechanical stress on plants*

Ninoslava Sarac, linguistics, *Questions in Croatian sign language*

Harry Strine, political science, *Stars on Capitol Hill? Explaining celebrity appearances in Congressional Committee hearings*

Melanie Thom, aviation technology, *The application of structured engineering design methodologies to engineering curriculum development*

Enlie Wang, industrial engineering, *User's delay perception and tolerance in human-computer interaction*

Meredith Zoetewey, English, *Metaphor and the (real) computer classroom* ❖

A. H. Ismail Travel Competition Held



Pictured from left to right: Long Wang, Pablo Benavides, Rebecca Myers, Richard Ismail, Margery Ismail, Brent Dalzell, Brahma Nanda Reddy Vanga.

The A. H. Ismail Interdisciplinary Program Doctoral Research Travel Award provides funds to assist students in the presentation of their doctoral research at a national or international conference. Established in memory of Professor Abdelrahman Hafez Ismail, a pioneer in health and fitness research, the awards are made possible through an endowment established by the Ismail family.

A luncheon was held on January 29 honoring the 2002-03 Ismail Award recipients. On hand to congratulate the recipients were Mrs. Margery Ismail and son, Richard Ismail.

The 2002-03 Ismail Travel Award recipients are:

Recipient	Conference Attended	Location
Pablo Benavides	Fifteenth International Plant Protection Congress	Beijing, China
Brent Dalzell	Twenty-first International Meeting on Organic Geochemistry	Krakow, Poland
Rebecca Myers	Eighteenth Enzyme Mechanisms Conference	Galveston Island, TX
Brahma Nanda Reddy Vanga	International Conference on Nuclear Engineering	Tokyo, Japan
Long Wang	Experimental Biology 2003	San Diego, CA

Competition for the 2003-04 Ismail Travel Grant will be announced in late August. ❖

International Student of the Year



Reddy Vanga

In addition to being honored with the A. H. Ismail Travel Award, Brahma Nanda Reddy Vanga received the International Student of the Year award from Phi Beta Delta, an International Honor Society. Phi Beta Delta gives only one award annually to an outstanding international student. Reddy received his award in Puebla, Mexico in March. Reddy is nearing completion of his Ph.D. in nuclear engineering. ❖

Expanding your graduate school experience

by Bogdan Gologan

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Smita Iyer, foods and nutrition

To find out more about the activities of the PGSG, please visit our Web site at <http://www.purdue.edu/gsa>.



Bogdan Gologan

The Graduate Student Association has officially become the Purdue Graduate Student Government (PGSG). On February 13, 2003, the Graduate Student Senate voted the constitutional amendment so here we are, trying to answer some of your questions. Who or what is PGSG, you might ask? We are YOUR student organization. All graduate students are automatically members, and we invite you to become an active participant in PGSG leadership and its related activities. Representing more than 6500 graduate students from 48 academic departments,

Purdue Graduate Student Government is one of the most culturally rich and dynamic organizations on campus. Here you will find a wide range of opportunities for both personal and professional development.

PGSG has four goals in mind:

- To be the voice of, and act on behalf of, all graduate students
- To investigate and propose solutions to problems unique to graduate students
- To provide services beneficial to graduate students
- To promote communication & interaction among graduate students of all departments and interdisciplinary programs

In addition, the PGSG sponsors various workshops throughout the year geared toward professional development. In the past, these have included workshops such as "How to Write a Grant Proposal," "How to Search the Web for Fellowships and Grants," and "Effective Communication with Your Advisor." The Social Committee organizes multicultural events where students can enjoy diverse cultural experiences. These events include picnics for graduate students in the fall and spring, wine tasting parties, and dinners at local restaurants. Interdepartmental social gatherings are also not uncommon. In the past, the social committee has organized events where students have gone swing dancing, formed and participated in intramural sports teams, held barbecues, and attended Purdue Convocation programs.

Well, enough bragging about what we offer and how we might tempt you. I invite you to explore the opportunities our organization has to offer by casually attending one of our monthly meetings, where you can learn how you might get involved and start making a difference in your graduate student community. ♦

Calendar

April 26	Last day to pass final exam before graduation
April 27	Classes end
April 28	Last day for receipt of final exam reports for graduating advanced degree students
April 29	Exam schedule begins
April 29	Last day to guarantee order Commencement tickets
May 2	One bound plus one unbound copy of the doctoral dissertation, one bound master's thesis deposited in the Thesis/Dissertation Office, Rm. 170 Young Hall
May 4	Semester Ends
May 5	Thesis Receipt delivered to the Graduate School
May 6	Last day to submit Commencement Information Form
May 17	Commencement (Division 1) 9:30 a.m.
May 17	Commencement (Division 2) 2:30 p.m.
May 18	Commencement (Division 3) 9:30 a.m.
May 18	Commencement (Division 4) 2:30 p.m.
May 19	Summer session begins (Module One)
May 26	Memorial Day (holiday)
June 13	Last day to submit a positive Report of Final Examination to register for "degree only"
June 13	Last day to submit <i>plan of study</i> to the Graduate School for August graduation
June 16	Summer session Module Two begins
June 27	Last day to declare candidacy for degree for August graduation
July 4	Independence Day (holiday)
July 11	Last day for students who register for "exam only" to submit a positive Report of the Final Examination and a Thesis Receipt or registration will be revised to re-research registration
July 11	Last day for "degree only" students to submit a Thesis Receipt or registration will be revised to research registration. (This does not apply to nonthesis master's students).
July 14	Summer session Module Three begins
July 25	Last day to pass the final examination
July 28	Last day for receipt of final exam reports for graduating advanced degree students. Students for whom a final report is not received will not graduate in August. (Final exam reports are not required for non-thesis master's students with approved alternative graduation criteria)
August 1	One bound plus one unbound copy of the doctoral dissertation, one bound master's thesis deposited in the Thesis/Dissertation Office, Rm. 170 Young Hall
August 1	Thesis Receipt delivered to the Graduate School
August 2	Summer session ends
August 9	Commencement
August 19	Classes begin
Sept. 1	Labor Day (holiday)
Oct. 13-14	October Break
Dec. 13	Classes end
Dec. 21	Commencement ❖

Spotlight on Staff

Marilyn Geist Recognized for 35 Years of Service



In January, Marilyn D. Geist (left) was honored for 35 years of service to Purdue University. Marilyn is administrative assistant to the dean of the Graduate School and secretary of the Graduate Council. She has served seven Graduate School deans. Provost Sally Frost Mason (right) presents Marilyn with her anniversary recognition gift. ❖

Last October, **Christina "Chris" Fugate** joined the Graduate School staff. Her responsibilities include administrative support to the Deans, receptionist duties in the Dean's Office, and coordinating the ApplyYourself program. Chris will also provide clerical support to the recruiting staff. Chris is from Monticello and worked at North White School Corporation for 10 years before coming to the Graduate School. She has four grown children and two grandchildren. Chris enjoys reading and gardening. ❖

Nathan Bohlmann, director of distributed computing and business analyst for the Graduate School and Vice Provost for Research for the past five years, accepted an appointment with ITaP effective February, 2003. ❖



Student Responder, Rukeyser S. Thompson Addresses December Graduating Class of 2002

by Tom Atkinson

Rukeyser S. Thompson, who minutes earlier received her Ph.D. degree in Chemistry, wowed December's newly-minted Purdue graduates with her commencement remarks. Selected by the University as one of two "student responders" for last December's graduation ceremonies, Dr. Thompson is well known around the Graduate School for her speaking ability. Dr. Thompson came to Purdue in 1995 after receiving her Bachelor of Science degree *summa cum laude* from Mississippi's Alcorn State University. While at Purdue, Dr. Thompson served a term as president of Purdue's Chapter of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers. She was also a frequent presenter at national scholarly meetings. Her Purdue faculty advisor was Dr. Hilkka I. Kenttamaa, Professor of Chemistry. Dr. Thompson joined The Dow Chemical Company's Research Assignments Program in Freeport, Texas, last September. ❖

Let Us Hear from You!

We're proud of Purdue graduate students and their accomplishments and want to share their success stories in this newsletter. Please inform us of graduate student workshops or activities, recent awards or any special recognitions, promotions, and/or professional achievements. Feel free to nominate a colleague or student who is outstanding in leadership, teaching, or research to be featured in *The Graduate*. E-mail: hanks@purdue.edu

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Purdue is an equal access/equal opportunity institution.