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Dean's Message



One of the most exciting times of year is May! Thousands of students and their families gathered downtown to celebrate commencement - a huge milestone in the lives of those who dedicate themselves to receiving a quality education.

At the Purdue School of Engineering and Technology, IUPUI, we conferred 109 certificates, 139 AS degrees, 369 BS degrees, and 56 MS degrees – a total of 673 degrees! Over 200 of these students attended the post-commencement ceremony for the School at the Indiana Convention Center. Please join me in congratulating our graduates and welcoming them to

our alumni family.

Warm Regards,

H. Öner Yurtseven,
Dean

American Society for Engineering Education Fellows



The American Society for Engineering Education (ASEE) inducted two IUPUI professors as fellows during a special awards ceremony June 27. Patricia Fox, clinical assistant professor of organizational leadership and supervision and First Vice President for the 2007-2008 ASEE board and Charles F. Yokomoto, professor emeritus of

electrical and computer engineering, Purdue School of Engineering and Technology, IUPUI, are among the 13 new fellows ASEE members honored during their annual conference and exposition in Hawaii June 24-27. Fellow membership status is reserved for ASEE members who have been members for at least 10 years and have made valuable contributions to engineering education.

The Pension Protection Act of 2006: Charitable IRA Rollovers that may benefit the Purdue School of Engineering and Technology, IUPUI

On August 17, 2006, President Bush signed the Pension Protection Act of 2006 that included a long-awaited provision that permits taxpayers to make direct charitable transfers from their Individual Retirement Accounts.

The new law provides an exclusion from gross income for otherwise taxable IRA distributions of up to \$100,000 per year from traditional IRAs and Roth IRAs for "qualified charitable distributions" made during 2006 and 2007 by plan owners who have attained at least age 70½ on the date of distribution to charity. In addition to supporting what you care about, you also may avoid income taxes otherwise due with withdrawals from your IRA account. Gifts must be made by December 31, 2007 in order to qualify.

Exclusion applies to traditional IRAs and Roth IRAs only. Other forms of retirement plans such as 401(k), 403(b) annuities (including TIAA-CREF accounts), defined benefit and contribution plans, profit sharing plans, Keoghs and employer sponsored SEPs and SIMPLE plans are NOT eligible. However, owners of these accounts may still be able to take advantage of this opportunity with a little extra planning.

The amount that can be excluded from a plan owner's income is limited to \$100,000 per taxpayer per year. Therefore, a married couple could donate up to \$200,000 provided each spouse owns at least one IRA and can each make a qualified charitable distribution of \$100,000 from their plans. Amounts exceeding this amount are treated under the old rules.

Non-itemizers, donors whose charitable deductions are maxed out, donors subject to tax friction, donors residing in states that don't allow charitable deductions and non-profit organizations such as the Purdue School of Engineering and Technology, IUPUI benefit from the new IRA Rollover Rules.

For additional information or assistance with your gift planning please contact Paula J. Jenkins, CFRE, Assistant Dean for Development and External Relations, Purdue School of Engineering and Technology, IUPUI, 799 West Michigan Street, Indianapolis, IN 46202, (317) 274-8807, pj@iupui.edu.

Spirit of Philanthropy



Spirit of Philanthropy luncheon on April 26.

The Purdue School of Engineering and Technology, IUPUI, is fortunate to have many generous donors and supporters that play a significant role in the success of the School and ultimately in the education of our students. Two such examples are BSA LifeStructures and Kay Wilding whom were honored at the annual IUPUI

BSA LifeStructures, one of the leading architectural, engineering, planning and interior design firms in the country, is an exemplary corporate partner committed to making a difference through its active involvement and support of the Purdue School of Engineering and Technology, IUPUI. Their financial investment has most recently enabled the School to establish the BSA LifeStructure Student Design Project Laboratory as part of our lower level renovation in the ET building. In addition, they provide active leadership to the Dean's Industrial Advisory Council and employment and internship opportunities for graduates and students.



Engineering and Technology, IUPUI. In addition, he was instrumental in helping

Professor Kay Wilding, Berufsakademie Mannheim, Germany, has served as the Coordinator of the Internship Exchange Program between IUPUI and the Berufsakademie Mannheim. As such he has played a significant role in the international experience of many students from the Purdue School of

establish its first study abroad course, GO GREEN (Green Organizations: Global Responsibility for Economic and Environmental Necessity).

E&T Faculty Research Seminar

Interested in Biomedical Engineering? Come hear Dr. Ghassan Kassab, Thomas J. Linnemeier Guidant Foundation Chair and Professor of Biomedical Engineering speak about his research on Thursday, August 16 at 7:30am. For more information please contact Katy Crichlow at 317-278-2423 or cacrichl@iupui.edu.

IUPUI team finishes 8th at Purdue Grand Prix



The IUPUI Motorsports Association had high hopes for their second year of participation in the Purdue Grand Prix. Driver and Purdue School of Engineering and Technology, IUPUI, student, Jon Laski, qualified 2nd for this year's race.

The team was excited the morning of the race and optimistic about their chances of winning. However, on the last pace lap the spark plug fouled given the slow pace at which the pace laps were run. As the green flag flew, the team did not give up and quickly fixed the problem and Laski joined the field 12 laps down. No cars on the track were faster than the IUPUI entry and no one passed Laski once he got back on track. At lap 100 the low-speed pin in the carburetor backed out and the team had to once again pit. Laski was back on the track quickly due to the efforts of his pit crew (predominately engineering and technology students) and managed to finish in 8th place in the field of 33 cars. After looking at the data from the kart, it is evident that Laski gained nearly 8 laps back on the track, running a blinding pace. The IUPUI Motorsports Association is open to all students, faculty, and staff on the IUPUI campus. They will be recruiting dedicated volunteers to help with the 2008 Purdue Grand Prix car. For more information, visit the [IUPUI Motorsports Program](#).

This year's participants include:

Driver: Jon Laski (Mechanical Engineering Technology)
Crew Chief: Herb Payton (Mechanical Engineering Technology)
Crew: Lynsey Tilton (Mechanical Engineering Technology)
Crew: Yan Volodarsky (Physical Therapy)
Crew: Eric Young (General Studies)
Scorer: Holly Brockman (Mechanical Engineering)
Track Worker: Josh Whaley (Mechanical Engineering Technology)
[Click here to visit the photo gallery!](#)

American Society for Engineering Education Announces 2006 Profiles

ASEE published its 2006 Profiles of Engineering and Engineering Technology Colleges in the USA. Based on this report, IUPUI has the following distinctions:

1. IUPUI is second in the USA in the number of Engineering Technology bachelor's degrees awarded.
2. IUPUI is first in the USA in the number of Engineering Technology bachelor's degrees awarded to women.
3. IUPUI has the seventh largest Engineering Technology enrollment in the USA in spite of a decrease in engineering technology enrollment during the past few semesters.

Student Spotlight



Elizabeth Freije
Major: Computer Engineering Technology (CPET)
Degree: BS Computer Engineering Technology
Anticipated Graduation Date: May 2009

Where are you originally from?
I am from Indiana having grown up in Broad Ripple, and graduated from Broad Ripple High School. I went on to earn an associate degree in computer programming from Ivy Tech before transferring through the Passport Program to IUPUI.

What have you enjoyed most about the Purdue School of Engineering and Technology and IUPUI?

Each ECET class has a weekly Lab element that provides an atmosphere of team-oriented, hands-on lab work. I like the interaction this environment provides. Instead of designing a solution from one perspective, I get the benefit of multiple perspectives and then as a team we decide on a course of action. It is a fun experience to learn with and from my fellow teammates. As a result, I have made many friends and study partners.

Tell us about your major.

Computer engineering technology combines circuit analysis and programming. I get many of the benefits of computer programming, networking, and software design combined with analog/digital circuit analysis and system design with programmable embedded chips. The goal is to achieve an understanding of how programming languages and software tools can be used to simulate and run electronic devices and technology such as: a hearing aid, VOIP, a vending machine, garage door opener, and alarm systems.

What has been your favorite class and why?

All of my digital programming classes have been my favorite. I love the challenge of writing programs to control the logic of digital circuits. It is such a satisfying feeling to go from start to finish on a design and then see the finished results in action.

Do you have a professor who has been a serious influence on your education?

Professor Rich Pfile has been a great influence on my education. He has been an advisor and a teacher to me, and I truly appreciate all his help, guidance, and instruction.

What are your career plans?

I have a passion for programming digital systems, and I would love to teach in this industry.

Do you have a motto you live by or a saying you use often?

"I find the great thing in this world is not so much where we stand, as in what direction we are moving: To reach the port of heaven, we must sail sometimes with the wind and sometimes against it, but we must sail, and not drift, nor lie at anchor." Oliver Wendell Holmes

What do you do in your free time?

In my free time, I enjoy health and wellness activities, such as yoga, fitness training, and volleyball. I also like going to the movies and visiting museums.

CITIDOE

Did you know your high school student could start earning college credits now?

CITIDOE is an educational partnership between Computer and Information Technology (CIT) at IUPUI and the Indiana Department of Education (IDOE) and its Business, Marketing, and Information Technology Education (BMIT) programs.

Students enrolled in the program receive dual high school and college credit. The

courses are taught online by IUPUI Computer Information Technology faculty and have access to all university resources. Students can choose from one of three study plans: the Information Technology Certificate, the Computer Technology Applications Certificate, and some programming courses. [Click here](#) for additional information on this program or contact Janis Stevens at janstev@iupui.edu.

Nasser Paydar taking on new challenge



Nasser H. Paydar, vice chancellor and dean of Indiana University Purdue University Columbus (IUPUC), will take over management of IU East as interim chancellor. Dr. Paydar has a long history with the Purdue School of Engineering and Technology, IUPUI, as a faculty member, chair of the Department of Mechanical Engineering, associate dean for graduate programs, associate dean for academic programs, and executive associate dean.

Paydar was appointed vice chancellor and dean of Indiana University Purdue University Columbus in 2003 by Indiana University

Purdue University Indianapolis Chancellor and Executive Vice President of Indiana University Charles R. Bantz.

Chancellor Bantz praised Paydar's accomplishments at the Columbus center, noting his initiation of a \$4 million fundraising campaign, IUPUC's first comprehensive campaign and the largest fundraising effort in the center's history; his negotiation of articulation agreements with six IUPUI schools to establish joint baccalaureate programs; IUPUC's continued growth in credit hours for seven consecutive semesters; and his work with educators, businesses and community leaders to identify areas of study that most significantly impact south central Indiana and prepare students for success in the region.

Online Facilities Management Master's Degree

To address industry demands for workers with stronger facility management skills, the Purdue School of Engineering and Technology, IUPUI will offer a new online graduate degree program. The Master of Science in Technology, Facilities Management Emphasis degree will address the need for additional education for working professionals in facility management, property management, plant engineering, plant management, and similar fields.

The graduate degree program will be offered 100% online and will allow an individual to complete all coursework in two calendar years plus one summer. The program will be open to anyone with a 4-year degree from an accredited institution who meets the admission requirements of the Purdue Graduate School. "A tremendous need and opportunity exists nationally to develop higher levels of education, training and legitimacy for an underserved population – employers are desperate to locate skilled facilities managers with appropriate credentials," said Ken Rennels, associate professor of mechanical engineering technology and facilities management program director at the Purdue School of Engineering and Technology, IUPUI.

"This unique partnership will be offered so that participants can be located anywhere in the U.S. or abroad and will bring the critically necessary facilities management education to the forefront."

Facilities management as defined by the International Facility Management Association (IFMA) is "a profession that encompasses multiple disciplines to ensure functionality of the built environment by integrating people, place, process and technology."

Strong facility management educational programs for professional working adults are needed in Central Indiana, nationally and internationally. Over the last few years, the Purdue School of Engineering and Technology, IUPUI has received

significant input from industrial partners requesting such a program.

Additional information is available about the facilities management emphasis degree at IUPUI by emailing facmgt@iupui.edu or going to <http://www.facmgt.engr.iupui.edu>.

Annual Bepko Honors Convocation



The Purdue School of Engineering and Technology, IUPUI, celebrates its outstanding and talented students each year at the Annual Bepko Honors Convocation. Thanks to the generosity of the School's alumni and friends, nearly \$200,000 was awarded this year to both need based and high achieving students from the School.

Annual Alumni Hi Tea in Malaysia



Did you know the Purdue School of Engineering and Technology, IUPUI, has over 100 alumni living in Malaysia? On April 22, Dean Yurtseven traveled to Malaysia and made his annual visit during the Alumni Hi Tea.

This annual event is sponsored by the Purdue

School of Engineering and Technology, the E&T Alumni Association and the IUPUI Office of Alumni Relations. Over 200 alumni, special guests and family members gathered at the Kelab Shah Alam Selangor for an afternoon of fun, food, prizes and a chance to catch up on School news and with each other. This annual event also raised nearly \$500 to establish a Malaysia Student Scholarship at the School.

ECET Part-Time Faculty receives award



Steven Oschman, a part-time faculty member in the department of electrical and computer engineering technology received the Chancellor's Award for Excellence in Teaching for his accomplishments in the classroom and industry.

After serving as President of Vectren Communication

Systems, Oschman became Principal of Oschman & Associates, LLC. He has a long list of accomplishments including creating a wireless telecommunications business opportunity that resulted in a successful and ongoing joint venture. According to Rich Pfile, chair and professor of electrical and computer engineering technology, "He is a popular instructor whose teaching evaluations are near the top of the ECET department, but more importantly he has taken a significant role in developing an upper-division ECET telecommunications course. He has many years of experience as a hands-on manager at a telecommunications company and has graciously agreed to apply his knowledge to revamp lectures and develop

laboratories that provide students with background in setting up a state-of-the-art Linux-based telephone system complete with IP phones.”

This honor is given annually to faculty members who best exemplify the high standards of teaching expected at IUPUI, and who have earned respect and admiration from colleagues and students alike for the gift of instilling in students a love of learning and a respect for knowledge. It is the highest campus award in recognition of teaching excellence. Two awards are presented annually, one for full-time faculty member and one for part-time faculty member.

Rock the Rathskeller



The Purdue School of Engineering and Technology, IUPUI, Alumni Association celebrated with seniors at the Rathskeller on April 19. This annual event includes networking with recent graduates, door prizes, food and beer!

Class Notes

Anything new since graduation? Let us know about your outstanding accomplishments by sending your updated information to Paula Jenkins, assistant dean for development and external relations at pj@iupui.edu or 317-274-8807, or fill out our online form at

<http://www.engr.iupui.edu/alumni/classNotes.shtml>

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- [Issue 1](#)
- [Issue 2](#)
- [Issue 3](#)
- [Issue 4](#)

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