# Inside Purdue

Alphonso Diaz will lead Purdue's business and finance with skills honed in NASA and academia.

Faculty promoted

The list of faculty approved for promotion by the Board of Trustees is given on pages 6 and 7.

Murphy Awards
Recipients of Purdue's top
teaching award are profiled
on pages 10 and 11. Other
honors are on page 13.

Farmers market
One local market will set
up weekly on campus.

www.purdue.edu/insidepurdue

# great things to do in May and June

- Take time at Mother's Day, commencements at Purdue or elsewhere, Memorial Day and Father's Day to remember what's important.
- Enjoy senior fine art and photography exhibitions in Pao Hall through May 15.
- See wonderful art also at a local art fair May 23 around the courthouse; see www.roundthefountain.org/.
- Keep thinking green by learning to live with the air conditioning a couple of degrees higher than in past years, saving energy and money.
- Take in the Lafayette Citizens Band on Memorial Day and then most Thursdays through summer; see www.lafayettecitizensband.org/.

Calendar, pages 14-15 or https://calendar.purdue.edu



n Sept. 9, 1959, 50 students were welcomed to campus as the first class to attend Purdue's new School of Veterinary Medicine. Forty-four of these students would go on to shake hands with President Frederick Hovde and Dean Erskine Morse as they received their diplomas four years later.

Today, more than 2,700 doctors of veterinary medicine and more than 800 veterinary technicians have graduated from the school, which is in the midst of celebrating its 50th anniversary.

"This is a very important milestone in the life of our school and it is wise for us to take this opportunity to recognize the great history of a great school that serves a great profession," says Dean Willie Reed, who earned his doctorate in veterinary pathology from Purdue in 1982. "We want to pause

Reed

to appreciate the contributions and accomplishments of so many who have given so much since the Purdue School of Veterinary Medicine opened its doors. We want to spend time, much

as a family would, taking stock of our heritage, lauding our success, and looking together into a future filled with new opportunities."

Purdue's School of Veterinary

TOP: Quentin Hartzler, Lynn Hanrahan and Joseph Holder, members of the School of Veterinary Medicine's first class of students, treat a dog in the Small Animal Clinic. ABOVE: Veterinary students work on a case in the Veterinary Teaching Hospital's Small Animal Medicine Room. From left: Jennifer Dwiggins (BS VT '08), Bryan Bottorff (DVM '08) and Janelle Riggleman (BS VT '09). (Photos provided by the School of Veterinary Medicine.)

Medicine is the only veterinary school in Indiana and one of only 28 in the country. In addition to the doctor of veterinary medicine degree, the school offers associate's and bachelor's degrees in veterinary BOARD OF TRUSTEES DIGEST April 30, 2009

# Trustees approve professorship, chair, Calumet vice chancellor

The Purdue Board of Trustees on April 10 ratified three appointments for a named professorship, an endowed chair and the vice chancellor for information services at the Calumet campus.

Trustees also approved a new representative to the Indiana Board of Animal Health as well as new master's degree programs in computer and information technology and industrial technology.

Ahmed Hassanein is now the Paul L. Wattelet Professor of Nuclear Engineering. Before coming to Purdue in 2007, Hassanein was a senior scientist and group leader at the U.S. Department of Energy's Argonne National Laboratory.

J. George Shanthikumar, a professor in the College of Engineering at the University of California, Berkeley, was named as the Richard E. Dauch Chair in Manufacturing and Operations Management. Shanthikumar will join Purdue's Krannert School of Management this summer.

H. Frank Cervone began April 6 as vice chancellor for information services at Purdue Calumet after serving as director of library, information and media studies at Chicago State University. He also taught as an associate professor.

Trustees approved naming Sandra Amass, associate dean for engagement and professor in Purdue's School of Veterinary Medicine, as its representative on the Indiana Board of Animal Health. Amass is replacing Leon Thacker, who retired.

The board also approved master's degree programs in computer and information technology and in industrial technology on the West Lafayette campus. Both will need approval from the Indiana Commission for Higher Education.

More details are at http://news. uns.purdue.edu/x/2009a/ 090410BOTAcademic1.html.

# Board OKs construction, renovation contracts

The Board of Trustees on April 10 approved several actions related to construction and property.



Hassanein



Shanthikumar



Cervone



Amass

For the Roger B. Gatewood Wing of the Mechanical Engineering Building, the board awarded a \$19.9 million construction contract to R.L. Turner Corp., Zionsville, Ind. Construction is scheduled to begin during the week of May 18. Plans call for the project to be completed in April 2011.

Construction to upgrade Shealy Hall in the Windsor Residence Halls complex is scheduled to begin after May's commencement. Kettlehut Construction of Lafayette received a \$6.8 million contract. The project will be funded by bonds that will be repaid from user fees paid by residents within the self-supporting University Residences system. No tax dollars or University general fund money will be used.

Construction is expected to be completed in summer 2010.

For planning of Marriott Hall, a proposed \$12 million building to house the Department of Hospitality and Tourism Management, trustees approved CSO Architects of Indianapolis. Marriott Hall is to be located between State and First streets on the University's west side. Bids are tentatively scheduled to be opened in December, with construction planned to begin in March 2010.

Construction is estimated to take about 18 months, with a completion date of September 2011.

Trustees also approved a lease

of approximately 16,240 square feet for classrooms, laboratories and office space at the Purdue Technology Center of Southeast Indiana in New Albany to the Purdue Research Foundation.

Board members also approved a lease with Vincennes University for approximately three acres at the Southwest-Purdue Agricultural Center, four miles north of Vincennes, over a 20-year period. Vincennes plans to build a 32,600-square-foot classroom and technical training facility for its John Deere agribusiness and diesel programs. The facility also would provide classroom space to Purdue faculty who teach agricultural courses at Vincennes.

More details are at http://news. uns.purdue.edu/x/2009a/ 090410BOTFacilities.html.

# Trustees keep most athletics tickets at same price

In recognition of the current economic challenges for Purdue fans, the Board of Trustees on April 10 voted to hold the line on athletic ticket prices with the exception of an increase of about \$2 for men's basketball.

The adjustment applies only to general public and faculty and staff tickets. Student prices will not rise, nor will the cost of the student VIP card, which includes a men's Faculty promotions approved by board, page 6-7

basketball ticket.

Because there will be fewer home games on the 2009-10 schedule, the cost of a general and public and faculty/staff season ticket will be lower than this past year's price. The price increase is the first since the 2007-08 season.

Men's basketball season tickets for the general public in the lower arena will be \$442, down from \$488. For faculty and staff, lowerarena season tickets will be \$354, down from \$391, reflecting a 20 percent discount off the public price.

Upper-arena season tickets will be \$337, down from \$362. Faculty and staff season tickets in the upper arena will be \$270, down from \$290, again reflecting a 20 percent discount off the public price.

Single-game prices will be \$22 in the upper arena and \$29 in the lower arena. Single tickets for premium games also will increase \$2, to \$26 in the upper arena and \$33 in the lower arena. Premium games are decided on a season-by-season basis, but are generally high-demand conference and nonconference games.

More details are at http://news. uns.purdue.edu/x/2009a/ 090410BOTTickets.html.

## Inside Purdue

**Inside Purdue** is published 10 times a year by the Office of Marketing and Media for the faculty, administrative/professional and clerical/service staffs of Purdue University. Send news correspondence to the editor at the addresses below.

Inside Purdue can be read on the World Wide Web at www.purdue.edu/insidepurdue.

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**Regular contributors of reporting and writing:** Purdue News Service and Media Relations; Office of News and Public Affairs, Agricultural Communication Service; ITaP Communications; Physical Facilities Communications; Human Resource Services Communications. **Contributing photographer:** Andrew Hancock.

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Vol. 18, No. 9

# Diaz selected as senior VP, treasurer, with starting date of July 1

Alphonso V. Diaz has been named Purdue's senior vice president for business and finance, treasurer, effective July 1.

As the University's chief financial officer, Diaz will report to President France A. Córdova and the Board of Trustees.

"Al Diaz is an experienced administrator. He is skillful at getting people to work together toward common goals," Córdova said in announcing the appointment April 14. "His deep experience in leading complex organizations, in which he has interacted with a diversity of stakeholders including elected officials and community members, is exactly what Purdue needs as we move forward to meet our strategic goals.

"Among these are to expand human resources, rehabilitate aging facilities, plan new buildings for increased student and research success, and find new opportunities to generate revenue in a tough economic climate."

Diaz, currently vice chancellor for administration at the University of California, Riverside, will be responsible for a \$1.9 billion budget and will oversee all financial affairs; business services; human resource services; physical facilities; auxiliary enterprises, including the residence hall system; internal audit functions; and will supervise the information technology enterprise jointly with the provost.

His experience includes directing similar operations at the Riverside campus as well as

extensive experience at NASA. At NASA he managed a \$3 billion budget as director of the Goddard Space Flight Center and then a \$5.5 billion budget as associate administrator for the Science Mission Directorate.

"Purdue is well-known and respected in the business world as an efficient manager of



Diaz

our funds and sophisticated in financial markets," said J. Timothy McGinley, chairman of the Board of Trustees. "Al Diaz will build on those strengths and find new ways to put them to work."

The position also will oversee financial relationships with affiliated corporations and provide liaison with legal counsel. The appointment is subject

to ratification by the Board of Trustees.

Diaz holds a bachelor's degree in physics from St. Joseph's University in Philadelphia and a master's degree in physics from Old Dominion University, as well as a master's degree in management from MIT.

Diaz succeeds Morgan R. Olsen, who became executive vice president, treasurer and CFO at Arizona State University last fall. Purdue vice president for business services and assistant treasurer James Almond served as interim vice president for business, finance and treasurer Al Diaz is an experienced administrator. He is skillful at getting people to work together toward common goals. His deep experience in leading complex organizations ... is exactly what Purdue needs as we move forward to meet our strategic goals.

— President France A. Córdova

during the national search.

"I am grateful to Jim Almond for doing a superb job as interim executive vice president and treasurer. He has helped us think through some very difficult budget decisions and provided excellent counsel," Córdova said. "I would also like to thank the search committee for doing a thorough, diligent job interviewing talented prospects from all over the country."

Diane Denis, senior associate dean in Krannert School of Management and Duke Realty Chair in Finance, chaired the national search committee. The committee was assisted by the search firm Baker and Associates.

"The University will be in good hands under Al Diaz," Denis said. "There was a lot of careful deliberation by the committee, and we were happy with the process."

## Salary freeze made with regret amid efforts to give employees value, savings

The announcement on April 1 that Purdue will eliminate salary increases for fiscal 2009-10 is part of a larger picture of overall frugality and efforts to assist employees, officials say.

President France A. Córdova announced the salary decision in a letter to employees. The move followed a 2 percent cut in the general budget fund earlier in the year and suspension of the special merit program late last year.

In her letter, Córdova wrote, "I announce this austerity measure with regret and with the utmost respect and gratitude for the members of our faculty and staff for their loyalty and contributions to Purdue."

The University has taken specific steps to soften the salary blow a bit and is conducting major review of benefit programs to enhance

their value, says James S. Almond, interim executive vice president for business and finance and treasurer.

He cites the following decisions:

- The University will absorb the employees' share of medical plan premium increases for the 2010 calendar year.
- A new life insurance program offers higher levels of coverage, better rates, and the convenience of online enrollment. The enrollment deadline is May 8.
- Parking permit fees will not increase for 2009-10. The University had instituted a six-year plan of increases in 2003 to move the parking program toward fiscal self-sufficiency. The last increase was in 2007.

The University has been carefully managing vacancies to try to minimize reductions in force.

Córdova has asked all units to

look at alternatives to filling vacancies.

"We will do all we can reasonably do to preserve jobs and to retain our dedicated faculty and staff," she says.

Working to enhance the benefits package is part of that effort, Almond says.

"It's about improving services and options available to staff and achieving some cost savings," he says.

Human Resource Services, under Director John Beelke, continues to look for the best possible medical plans with assistance by an employee Health Plan Advisory Committee and a consultant.

Also, wellness promotion through WorkLife Programs aims to ease demand on medical plans and help employees enjoy better health.

The University also has a

Retirement Plan Review Task Force looking at the defined contribution retirement plan for faculty and administrative/professional staff, as well as its voluntary tax-deferred annuity (TDA) plans that are open to all Purdue employees.

"We're trying to reduce the fees embedded in that, which come out of the individual's contribtion," Almond says. "We're just trying to simplify the retirement program, offer choices that allow for a diversified portfolio, and lower the cost."

The task force and its consultant made a presentation April 21.

Note: A news release about fiscal matters, including the salary freeze and a list of 11 significant recent cost-saving initiatives at the University, is posted at http://news.uns.purdue.edu/x/2009a/090401CordovaBudget.html.

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# **Busy Senate session closes year** with various actions, reports

The University Senate ended its 2008-09 session by voting on academic regulations, increased advisory representation, and formation of an information technology committee.

Senators also heard reports from the Retirement Plan Review Task Force and the Athletic Affairs Committee at the April 20 meeting.

John Grutzner presented a proposal from the Educational Policy Committee to clarify a footnote regarding transfer credits in the University's policy on scholastic indices. The Senate approved the new wording, which states that transfer credits may be used to fulfill degree requirements, but cannot be used to remove Purdue recorded grades from GPA calculations. The revision will take effect in the fall.

Grutzner also presented an EPC proposal that would allow readmitted students who have not been enrolled at Purdue for at least five years to reset their GPA to zero. If students chose to have their GPA reset, their credit hour total would also be set to zero as part of the process.

Students' original course grade records would remain unchanged on their transcripts.

"The committee established this proposal because, as you are well aware, the University policy says that every grade is factored into a student's cumulative GPA, no matter when it was obtained," Grutzner said. "This could be harsh for those students who have been out for a number of years."

Students interested in the academic renewal option would be required to petition the Committee on Scholastic Delinquencies and Readmission and maintain good academic standing while completing at least 12 credit hours within a year of their return to Purdue.

Senators suspended the rules in order to vote on the proposal, which was approved. The policy will go into effect in the fall.

#### **Advisory representation**

The Senate voted in favor of a

proposal from the faculty Affairs Committee to increase advisory representation from the Clerical and Service Staff Advisory Committee and the Administrative and Professional Staff Advisory Committee.

In the past, CSSAC and APSAC shared a non-voting advisory position that rotated between the groups on a yearly basis. Now, each group will have one non-voting adviser to the Senate. The Senate is allowed from six to 15 designated advisers.

#### IT committee created

The Senate suspended the rules in order to vote on a University Resources and Policy Committee proposal to form a Faculty Information Technology Committee.

In presenting the proposal, Charles Santerre, chair of the URPC, said the committee would help to improve communication between faculty and Information Technology at Purdue.

Senators voted in favor of forming the committee, which will consist of seven faculty members and six staff members. The vice president for information technology and the Senate's Nominations Committee will work together to identify the committee's faculty members, who will serve for staggered five-year terms. At the end of their terms, members may be reappointed.

The Faculty Information Technology Committee is expected to begin work in the fall.

#### Reports: retirement, athletics

In other business, the Senate heard a report from Mike Atallah, associate department head and Distinguished Professor of Computer Science, on the work and recommendations of the Retirement Plan Review Task Force. Atallah is co-chair of the task force.

Morgan Burke, director of Intercollegiate Athletics, presented the annual report of the Athletic Affairs Committee. Burke reported that in spring 2008 and fall 2008

## Fulton elected as vice chair; Senate fills committee seats

The University Senate elected a new vice chair and approved appointments to standing committees at its March 23 and April 20 meetings.

The Senate elected Joan Fulton, professor of agricultural economics, as vice chair for 2009-10. Fulton will become chair of the Senate in 2010-2011.

- New members of the Steering Committee and their terms of service are Natalie Carroll, professor, youth development and agricultural education, three years; Patricia Coyle-Rogers, associate professor of nursing, three years; and J. Paul Robinson, distinguished professor of veterinary medicine and biomedical engineering, three years.
- Faculty elected to threeyear terms on the Nominating Committee are Michael Fosmire, associate professor of library science and head of physical sciences, engineering and technology division; Suzanne Parker, associate professor of political science; and Samuel Wagstaff, professor of computer science.
- New members of the Educational Policy Committee and their terms of service are George Bodner, the Arthur E. Kelly Distinguished Professor of Chemistry, Education, and Engineering, two years; Ronald Glotzbach, assistant professor of computer graphics technology, one year; Chong Gu, professor of statistics, three years; and Neal Houze, professor of chemical engineering, three years.
- New members of the Faculty Affairs Committee and their terms of service are Alan Beck, the Dorothy N. McAllister Professor of Animal Ecology and director for the Center for

- the Human-Animal Bond, three years; Nancy Edwards, associate professor of nursing, one year; Elizabeth Taparowsky, professor of biological sciences, three years; and Yuehwern Yih, professor of industrial engineering, three years.
- Faculty elected to the Student Affairs Committee and their terms of service are Zarjon Baha, professor of building construction management technology, three years; Christian Butzke, associate professor of food science, one year; James Ogg, professor of earth and atmospheric sciences, three years; and Lynda Thoman, assistant professor of management, three years.
- Faculty elected to the University Resources Policy Committee and their terms of service are Geraldine Friedman, associate professor of English, three years; Mark Green, head of the Division of Nuclear Pharmacy and professor of industrial and physical pharmacy, two years; Eric Kvam, professor of materials engineering, three years; and Morris Levy, professor of biological sciences, three years.
- Ayse Ciftci, assistant professor of educational studies, and Jennifer Morris, clinical assistant professor of pharmacy, were elected to serve on the University Grade Appeals Committee through May 31, 2012.
- Faculty elected to the University Censure and Dismissal Procedures Committee for terms ending May 31, 2012, are Joel Ebarb, associate professor of visual and performing arts; Timothy Owen, associate professor of sociology; and Jean Poulson, associate professor of veterinary clinical sciences.

the student-athlete grade point averages were 2.98 and 2.99, respectively. The all-campus student GPA was 2.93 for spring 2008 and 2.91 for fall 2008.

Burke noted that fall 2008-09 was the 23rd consecutive semester that the cumulative GPA of Purdue's student athletes exceeded the all-campus cumulative GPA.

April 30, 2009 CAMPUS NEWS Inside Purdue 5

# New vice president strives to build on Purdue's research strength

For Richard Buckius, the University's new vice president for research, the move to Purdue brought a mix of the old and the new.

Buckius' 33-year career at the University of Illinois and his background in mechanical engineering made Purdue and the Midwest familiar territory. But Buckius still needed to learn about the processes, people and scope of Purdue upon officially coming to the University in September 2008.

"Purdue is a great university and it's turning out to be much better than I originally thought," Buckius said. "I was aware of only

### New to Purdue

a fraction of Purdue's research activities when I arrived, and have

since been able to learn about a lot of quality areas that reach beyond my engineering domain encompassing all of Purdue. The University has great people. They're tremendous scholars, they like what they do and they want to make Purdue a better place."

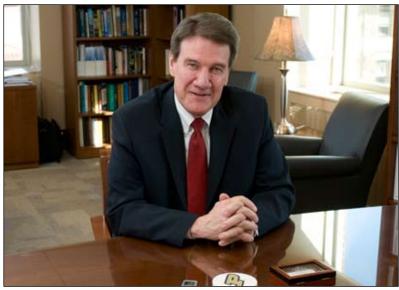
At the University of Illinois, Buckius was professor of mechanical engineering, head of the Department of Mechanical and Industrial Engineering from 1998 to 2004, the Richard W. Kritzer Professor from 1992 to 1997 and associate vice chancellor for research from 1988 to 1991.

Buckius took leave from the University of Illinois in 2004 to work with the National Science Foundation, first as director of the NSF's Division of Chemical and Transport Systems and later as assistant director of NSF's Directorate for Engineering.

"After directing engineering at NSF, it seemed like a natural transition to come to an institution that was obviously of high quality but also had a strong engineering and science emphasis," he said.

His first six months on the job have been dedicated to studying the University's organization, processes and people.

"The whole goal at NSF is to figure out how to enhance the impact of scholars, and the same is true at Purdue, in that we are here for our faculty and our stu-



HOTO BY MARK SIMONS

Richard Buckius, vice president for research, came to Purdue after serving as assistant director of the National Science Foundation's Directorate for Engineering.

dents," he said. "You have to figure out what drives researchers, and then you need to find out how to improve the research environment and move it in a direction that adds value to everyone involved."

One way includes expanding on the pre-award process already in effect. At Discovery Park, faculty preparing to submit large multidisciplinary proposals receive preproposal assistance such as proposal coordination, meeting facilitation; and writing and editing.

The pre-award model is now being tested in the College of Engineering to see if the concept could be used university-wide.

"At Discovery Park this assistance is provided for large proposals, large groups of people and large interdisciplinary programs," Buckius said. "When you move to the college or school level, a single investigator writing a proposal may have less need for a lot of infrastructure, but could still use some pre-award assistance in trying to coordinate an individual program. So far, we've received a positive response."

Buckius also has focused on positioning Purdue to benefit from the funding opportunities made available through the American Recovery and Reinvestment Act, which contains extensive funding for science and engineering research and education. He said the stimulus funding is a dynamic situation that requires daily monitoring to ensure Purdue is ready to respond to calls for proposals.

"If you read through all the areas within the Act, there are at least five areas that the federal government will invest in: life and health sciences; energy, climate change and the environment; security; information technology; and STEM [science, technology, engineering and mathematics] education," he said. "Purdue couldn't be better situated because we are strong in every single one of these areas."

Buckius stressed, however, that Purdue is paying close attention to other research areas as well.

"This is a university with a broad range of scholarly talent," he said. "We need to ensure that we are cultivating and enhancing many other groups, because if we can improve and lead in more areas, Purdue will be better in the long-run. Our role is to make sure that all researchers are as productive as they can be."

Bringing researchers together for interdisciplinary projects is also a goal for Buckius. He said there is an increasing emphasis on interdisciplinary teams, noting that nearly half of the total NSF-sponsored grants nationwide were awarded to teams of investigators in fiscal 2007.

"We'll always need disciplinary strength," Buckius said. "The lone scholar doing breakthrough work is vital to Purdue's future, but we also need to make sure we're on track to meet the trends that are pushing for answers to broad societal problems. We've seen the number of joint appointments at Purdue almost double over the past five or six years, and these appointments are in some way a reflection of interdisciplinary or cross-disciplinary activity.

"Promoting research in all areas at Purdue contributes to the University's overall goal of being a leader that others turn to for knowledge. We want to generate knowledge and make discoveries that move people to follow Purdue. People will want to know what we're doing, and they will want to be involved. If we can accomplish this, then we can meet any future objectives."

### Research Web site addresses federal stimulus funding

The Office of the Vice President for Research has launched a new Web site for Purdue faculty and staff interested in research funding through the American Recovery and Reinvestment Act (ARRA), also called "stimulus" funding.

The site, www.purdue.edu/ Research/vpr/recovery, provides a number of features:

■ A listing of federal agencies providing research funding through the stimulus program with direct links to open ARRA solicitations and related notices.

- Information on the four targeted stimulus information and working groups at Purdue, and how to participate in these groups: life sciences, education, energy, and defense.
- Contacts in the OVPR for specific funding agencies.
- Sponsored Program Services (SPS) information related to ARRA funding, including proposal assistance, reporting requirements and Purdue ARRA Awards.
- Links to ARRA-related sites and documents.

# Faculty promotions approved by board for all Purdue campuses

The Board of Trustees on April 10 approved faculty promotions effective in academic 2009-10:

### **WEST LAFAYETTE CAMPUS**

### To "Professor of" from associate professor

#### **College of Agriculture**

Bruce P. Bordelon, horticulture and landscape architecture

James Andrew DeWoody, forestry and natural resources

Greg J. Hunt, entomology

Joseph M. Irudayaraj, agricultural and biological engineering

William G. Johnson, botany and plant pathology Clifford F. Weil, agronomy

#### **College of Education**

Jean Paulette Peterson, educational studies JoAnn I. Phillion, curriculum and instruction

#### College of Engineering

Douglas E. Adams, mechanical engineering Michael A. Capano, electrical and computer engineering

William A. Crossley, aeronautics and astronautics engineering

Mark Alan Lawley, biomedical engineering Samuel P. Midkiff, electrical and computer engineering

Loring F. Nies, civil engineering Arvind Raman, mechanical engineering Babak Ziaie, electrical and computer engineering

### **College of Liberal Arts**

Christopher R. Agnew, psychological sciences Andrew S. Buckser, anthropology Mohan J. Dutta, communication Lisa A. Goffman, speech, language and hearing

Richard D. Johnson-Sheehan, English Ananthanarayan Krishnan, speech, language and hearing sciences

Susan E. Morgan, communication

Nancy J. Peterson, English

Porter G. Shreve, English

Susan E. Swithers, psychological sciences

#### Libraries

Albert T. Chapman, library science

### College of Pharmacy, Nursing, and Health Sciences

Kevin M. Sowinski, pharmacy practice

### College of Science

Wei K. Cui, physics

Sunil K. Prabhakar, computer science P. Veeraragha Ramachandran, chemistry Fuqiang Wang, physics Nung Kwan Yip, mathematics

### **School of Veterinary Medicine**

Riyi Shi, basic medical sciences Jean Stiles, veterinary clinical sciences

### To "Associate professor of" from assistant professor

### **College of Agriculture**

Corinne E.N. Alexander, agricultural economics Ryan A. Cabot, animal sciences

Jennifer L. Dennis, horticulture and landscape architecture and agricultural economics

Ann L. Kirchmaier, biochemistry

Neil A. Knobloch, youth development and agricultural education

Chang Lu, agricultural and biological engineering

Zoltan Machaty, animal sciences

Maria I. Marshall, agricultural economics Nathan S. Mosier, agricultural and biological engineering

Devdutta S. Niyogi, agronomy Maria S. Sepúlveda, forestry and natural resources

### **College of Consumer and Family Sciences** Qing Jiang, foods and nutrition

### **College of Engineering**

Gary J. Cheng, industrial engineering Ji-Xin Cheng, biomedical engineering Dan Jiao, electrical and computer engineering David J. Love, electrical and computer engineering

Vijay Š. Pai, electrical and computer engineering Dimitrios Peroulis, electrical and computer engineering

You-Yeon Won, chemical engineering
Jeffrey P. Youngblood, materials engineering

#### College of Liberal Arts

Julia A. Chester, psychological sciences Stacey L. Connaughton, communication Paula E. Leverage, foreign languages and literatures Song I. No, foreign languages and literatures

Song I. No, foreign languages and literature: Michael J. Salvo, English

P. Ryan Schneider, English

Amanda H. Seidl, speech, language, and hearing sciences

#### Libraries

Sammie L. Morris, library science

### College of Pharmacy, Nursing, and Health Sciences

Chyi-Kong Karen Chang, nursing
David R. Foster, pharmacy practice
Changdeng Hu, medicinal chemistry and
molecular pharmacology
Rodolfo Pinal, industrial and physical pharmacy
Kimberly S. Plake, pharmacy practice
Alan J. Zillich, pharmacy practice

### **College of Science**

Ignacio G. Camarillo, biological sciences
Erica W. Carlson, physics
Esteban Fernández-Juricic, biological sciences
Kevin R. Gurney, earth and atmospheric sciences
Jiangping Hu, physics
Timothy Matthew Jones, physics
Daisuke Kihara, biological and computer
sciences
Sonia G. Lasher-Trapp, earth and atmospheric

sciences
Mihails Levins, statistics
Matthew L. Lister, physics
Cristina Nita-Rotaru, computer sciences
Nikolai R. Skrynnikov, chemistry
Daniel M. Suter, biological sciences
Dongbin Xiu, mathematics
Tonglin Zhang, statistics

### College of Technology

Joseph F. Dues, mechanical engineering technology

Jeffrey J. Evans, electrical and computer engineering technology

Richard M. French, mechanical engineering technology

Joseph P. Fuehne, mechanical engineering technology

Ronald J. Glotzbach, computer graphics technology

Gene L. Harding, electrical and computer engineering technology

### **School of Veterinary Medicine**

Henry W. Green III, veterinary clinical sciences

### To "Clinical professor of" from clinical associate professor

### **College of Agriculture**

Kenneth A. Schuette, horticulture and landscape architecture

### To "Clinical associate professor of" from clinical assistant professor

#### College of Technology

Michael W. Suckow, clinical aviation technology

# Archives, in new up-to-date home, named official repository of records

The Archives and Special Collections division of Purdue Libraries has taken two big steps in carrying out its unique role.

On April 17, President France A. Córdova signed a resolution declaring Archives and Special Collections as the University's official repository for its historical record.

On April 21, the division celebrated the grand opening of its new home, Virginia Kelly Karnes Archives and Special Collections Research Center. The center is on the fourth floor of the Humanities, Social Science, and Education Library in Stewart Center.

The new center brings Purdue's archival collections together into one, state-of-the-art facility. The \$2.7 million center contains 15,000 square feet.

The space features an entry hall/exhibit space, a researcher reading room, an instruction center, a processing center for receiving new materials, and offices for staff and faculty members.

"The Virginia Kelly Karnes Archives and Special Collections Research Center will serve as a focal



PHOTO BY ANDREW HANCOCK

President France A. Córdova and James L. Mullins, dean of Purdue Libraries, take part in the April 21 celebration of the opening of the Virginia Kelly Karnes Archives and Special Collections Research Center.

point of Purdue's rich past as an institution and of individuals who have contributed greatly not just to this university but to the world," said James L. Mullins, Purdue Libraries dean.

A \$1 million gift from 1935 Purdue graduate Karnes helped lead to the renovation of space for the new facility. Karnes, who is deceased, made numerous gifts to Purdue causes. As a student, she was editor of the Debris yearbook.

The Karnes Center, which opened in mid-January, also includes an instruction center where students can view rare materials.

Archives and Special Collections houses the papers of, among many others, Amelia Earhart, Neil Armstrong, Eugene Cernan and Ralph Johnson — all important aviation and space figures.

"Our new facility will give us much needed space and a secure environment with proper temperature and humidity controls, as well as enhanced research and exhibit spaces," said Sammie Morris, head of Archives and Special Collections.

The April 21 celebration featured a talk by Irena McCammon Scott, John Purdue's great-greatgrandniece and author of "Uncle: My Journey with John Purdue."

A related exhibition, "Portrait of a Founder: John Purdue and Purdue University," will run until July 16 at the center.

Hours at the center are 9:00 a.m.-4:30 p.m. Monday-Friday except holidays.

A growing part of the collections are being digitized and made available on e-Archives. For this and more, go to www.lib.purdue. edu/spcol/.

### **CALUMET CAMPUS**

### To "Professor of" from associate professor

Kuan Chou Chen, management information systems

John J. Lucas, management Amlan Mitra, economics Eugene Schlossberger, philosophy

### To "Associate professor of" from assistant professor

Janet A. Buckenmeyer, education Jose A. Pena, civil engineering technology Marcia W. Weinhold, mathematics education Xiao Li Yang, electrical and computer engineering

### **FORT WAYNE CAMPUS**

### To "Professor of" from associate professor

Harold Lee Broberg, electrical engineering technology Craig A. Hill, psychology

### To "Associate professor of" from assistant professor

Suining Ding, interior design Quinton H. Dixie, religious studies Barry M. Dupen, mechanical engineering technology Mark Allen Jordan, biology Daren H. Kaiser, psychology Mark A. Ridgeway, scenic and lighting design Robert Charles Vandell, mathematics Gang Wang, physics Guoping Wang, computer engineering

#### **IUPUI CAMPUS**

### To "Professor of" from associate professor

Victor M.H. Borden, psychology Shiaofen Fang, computer and information

Mohamed Razi Nalim, mechanical engineering Rajeev R. Raje, computer and information

Stephen R. Wassall, physics

### To "Associate professor of" from assistant professor

Sohel Anwar, mechanical engineering David Jan Cowan, design and communication technology

Peter D. Hylton, engineering technology Sarah Koskie, electrical and computer engineering

Anna Malkova, biology

Wanda L. Worley, design and communication technology

Xukai Zou, computer and information science

### To "senior lecturer"

Lisa C. Ehrmann, psychology

#### NORTH CENTRAL CAMPUS

### To "Professor of" from associate professor

David Joseph Feikes, mathematics

### To "Associate professor of" from assistant professor

Gayla S. Domke, mathematics Mario R. Ortiz, nursing

# Enrollment deadline extended to May 8 for new life insurance program

Faculty and staff now have until May 8 to complete enrollment for Purdue's new life insurance program.

Purdue's current term life, dependent life, and personal accident insurance plans will end on July 1. If faculty and staff fail to enroll in the new life insurance program by the May 8 deadline, their life insurance will default to the following coverage:

- 1.5 times salary in employee term life insurance.
- \$15,000 in employee accidental death and dismemberment (AD&D) coverage.
- No spouse/same-sex domestic partner term life or AD&D coverage.
- No child term life or AD&D coverage.

The new program offers higher levels of coverage, better rates, and the convenience of online enrollment.

This program is not one of Purdue's voluntary benefits. It is the University's primary life insurance program.

### **Guaranteed issue opportunity**

The amount of term life insurance that a faculty or staff member now carries determines how much term life insurance he or she can get as "guaranteed issue" under the new plan. Guaranteed issue means that the person doesn't have to prove good health to get coverage.

"Once the May 8 deadline has passed, employees who want more than 1.5 times salary in term life insurance will have to prove good health through the 'evidence of insurability' process — or EOI — to be approved for higher coverage," according to Teresa Wesner, retirement/ disability/life benefits manager.

#### **Enrollment kits**

Minnesota Life, Purdue's new life insurance carrier, mailed enrollment kits to employee homes on March 30. To enroll, faculty and staff members will need the user name and password included in the Minnesota Life enrollment packet. Enrollment is through Minnesota Life's Web site at www.lifebenefits. com.

Employees who do not have an enrollment packet must contact Minnesota Life by April 30 to request a new one. New packets cannot be issued after that date.

#### Assistance available

- The Choose Well, Live Well special edition that covered the new life insurance program and that was distributed in late March is available at the Staff Benefits home page, www.purdue.edu/benefits. (Choose Well, Live Well replaced the Benefits Bulletin.)
- Staff Benefits customer service at 49-42222 or staffbenefits@ purdue.edu.
- Minnesota Life customer service at (866) 293-6047.

"We ask that faculty and staff complete their enrollment by May 1, if at all possible," said Wesner. "However, because of the importance of life insurance, enrollment will remain open through May 8."

### Security, privacy practices outlined for Dependent Eligibility Verification process

Faculty and staff who cover dependents on their Purdue medical plan have until May 13 to provide the required material outlined in the Dependent Eligibility Verification Package sent to their homes earlier this month.

Dependents will be dropped from medical coverage if the required documentation is not received by May 13. Employees will not be able to re-enroll their dependents until the next open enrollment period or the occurrence of a qualifying change in family status.

"Throughout this process, the information employees provide will be kept strictly confidential," says John Beelke, director of human resource services. "The security of personal information is Staff Benefits' highest priority."

Purdue has partnered with human resources consulting firm Mercer to conduct the verification program. Mercer is a global leader for HR and related financial advice and services. Throughout the Dependent Eligibility Verification project, Mercer will adhere to the following privacy and security practices.

### General privacy, security policies

■ All hard-copy materials that contain sensitive information are

stored in locked cabinets or drawers when not in use.

- Paper documents that are no longer needed are shredded according to company retention policies.
- Waste paper with client information is disposed of via locked containers and then shredded normally.
- Access to information is granted on a least-privilege and need-to-know basis. Within software applications, a hierarchy of controls limits access to data and system functionality according to levels of authority and job function.
- Access to information requiring elevated privileges is restricted to a limited number of administrative staff who require the information to perform their jobs.
- Personal information transmitted over the Internet is encrypted, using a minimum of 128-bit encryption.

### Handling of hard-copy mail and faxed documentation

- All hard-copy documentation is delivered to a restricted access room and does not leave that room for the duration of the project.
- At the end of the project, hard-copy documentation is securely destroyed.
  - A limited, specialized team of

workers opens, scans, and images all documents.

- Documents are immediately loaded directly to the database as they are being imaged.
- Once in the database, all further review of documents is done via Web access, which provides security controls for access and workflow.
  - The Web access system does

not allow data entry/verification administrators to download images.

■ Mercer receives all faxed documentation in a digital format on a secure server.

For a list of frequently asked questions and more details about the Dependent Eligibility Verification Program, visit the Staff Benefits Web site at www.purdue.edu/benefits.

### Wellness screenings available at WL campus

StayWell Health Management still has appointments available for wellness screenings on the West Lafayette campus.

Information from the wellness screening is used to complete the HealthPath Questionnaire for Healthy Purdue 2009.

Appointments are available on:

- May 1. 8:30-11:30 a.m. and 1-4:30 p.m. Krannert Drawing Room, Krannert Building.
- May 2. 8:30 a.m.-1:30 p.m. Krannert Drawing Room, Krannert Building.

Benefit-eligible faculty and staff and their spouses/same-sex domestic partners may receive one free wellness screening per calendar year. Participants must bring their Purdue ID. To schedule an appointment, visit www.purdue.edu/worklife and click "Register Now." Those interested in a screening are encouraged to register at least 24 hours in advance of the appointment time.

Questions about the screenings may be directed to 49-45461.

The School of Nursing will have screening appointments available during the summer. For more information, call 49-46341.

For regional campus screening events, contact the campus program:

- Calumet: (219) 989-2709, lowry@calumet.purdue.edu.
- Fort Wayne: (260) 481-6647, tillapau@ipfw.edu.
- North Central: (219) 785-5519, tlaux@pnc.edu.

# **WorkLife to hold Family Caregiver Resource Fair**

HRS WorkLife Programs is sponsoring the fifth annual Family Caregiver Resource Fair on May 19.

The fair aims to help Purdue employees balance the responsibilities of work and caregiving by providing a variety of local experts who can answer questions and provide information about caring for an aging or disabled loved one.

"More than 40 businesses and community organizations will attend the fair, which continues to grow each year," says Branna Smith, worklife specialist. "Our goal is to provide busy caregivers with one central place to gather valuable information and to offer supportive services and education to seniors, caregivers, and all family members."

The event is open to the campus and community and will take place from 11 a.m. to 1 p.m. in the South Ballroom, Purdue Memorial Union.

Parking will be available in

the Grant Street garage. Family members also can ride the free trolley from downtown, the Levee, or Wabash Landing, to the Purdue Memorial Union. See www.gocity-bus.com/trolley.html for details.

For more information on the Family Caregiver Resource Fair, contact WorkLife Programs at 49-45461. The WorkLife Programs Web site at **www.purdue.edu/worklife** will be updated with information on the fair closer to the date of the event.

### CSSAC sets slate of nominees for vice chair for 2009-10

The next vice chair of the Clerical and Service Staff Advisory Committee will come from a group of four people.

Four nominees were selected at the group's April 14 meeting. The election of next year's vice chair, who will take office in September, will be held during CSSAC's May 12 meeting.

The winner will succeed the current vice chair, Matthew Marks, who will become chair. Maggie Grogan is the current chair.

In other business on April 14, Marsha Griner of the grants subcommittee reported that 16 employee grants and 21 dependent grants will be awarded this year.

The grants help recipients attend classes at Purdue. The grant fund is supported by a portion of



revenues from vending machines on the West Lafayette

campus, contributions, and sales of designated football and basketball tickets.

The group learned part of the proceeds from two football games this fall will go to the CSSAC grants fund. The games are Sept. 5 versus Toledo and Sept. 19 versus North-

ern Illinois.

Jaylene Nichols of the Purdue Employees Activity Program said the bus trip to the Horseshoe Casino in Hammond, Ind., last month was a success. The group is now planning a June bus trip to the Lincoln Park Zoo in Chicago.

The Spring Fling Committee reported that only seven people have volunteered to help with Bingo at Spring Fling. CSSAC is responsible for operating the bingo game at the annual faculty, staff, grad staff and retirees appreciation day on May 21. The committee urged more people to sign up.

### Membership applications to CSSAC invited for 3 of its 4 districts

Information has been mailed to clerical and service staff about applying for membership on the Clerical and Service Staff Advisory Committee.

The application deadline is May 15.

There are a total of six open positions available in districts I, III and IV that have three-year terms beginning in September.

CSSAC's membership subcommittee will review applications and conduct interviews in June for the open spots.

CSSAC has the following districts:

District I, representing academic schools and divisions reporting to the provost and the director of intercollegiate athletics.

District II, representing departments reporting to the offices of the Board of Trustees, president, vice president for state relations, executive vice president for business and finance and treasurer, vice president for ethics and compliance, vice president for business services and assistant treasurer, and vice president for information technology.

District III, representing departments reporting to the vice president for physical facilities.

District IV, representing departments reporting to the vice president for housing and food services.

Six West Lafayette campus CSSAC members will complete their terms in August. They are Emily Branson, Cynthia Dalton, Maggie Grogan, Randall Luff, Doris Wilkinson and Gary Carter.

CSSAC members meet once a month as a full committee to discuss pertinent issues with University administrators. Members also serve on various subcommittees and University-wide committees.

A time commitment of at least eight to 10 hours per month is involved. All applicants must have their supervisor's approval in order to be considered.

Their respective campuses appoint representatives from Purdue Calumet, Purdue North Central, and Indiana University-Purdue University Fort Wayne.

For more information, go to www.purdue.edu/ccsac.

# Healthy Purdue

# Online system allows for easy tracking of apples

The user-friendly online tracking system for Healthy Purdue is now available, so participants can check their apples for 2009.

To access the system, go to www.purdue.edu/healthypurdue and click "Check My Apples." Participants will log in with their career account and password, and then click "2009" on the left navigation bar.

On the 2009 checklist, Purdue employees can either complete the spouse verification form or check a box that indicates they do not have a participating spouse/same-sex domestic partner.

The user's date of completion for the HealthPath Questionnaire (HPQ) will be automatically added to the system; these updates will begin in May.

For those who have not already completed the HPQ, go to www.purdue.edu/healthypurdue and click on the StayWell logo, or request a paper questionnaire by calling StayWell's HelpLine at (800) 926-5455.

The checklist also shows the apples for 2009. Beside the name of each apple is a question mark, which links to additional information about that apple. From that page, users can click the "Instructions" link to view a presentation that walks them through how to complete that specific apple.

Those who plan to earn the blue apple by participating in health coaching should plan to sign up by June 30 to allow themselves enough time to complete the requirements. Call StayWell's HelpLine with questions about coaching.

Anyone with a question about Healthy Purdue should call their campus program.

# 2009 Murphy Awards

# Exemplary teachers receive honor

Four exceptional teachers were honored with 2009 Outstanding Undergraduate Teaching Awards in Memory of Charles B. Murphy at the April 19 Honors Convocation in Elliott Hall of Music.

The Murphy is given annually in recognition of outstanding teaching in all phases of undergraduate instruction at the West Lafayette campus. The University's highest undergraduate teaching honor, the Murphy is accompanied by a \$10,000 cash award and induction into Purdue's Teaching Academy, which provides leadership for the improvement of undergraduate, graduate and outreach teaching.

The 2009 winners are:

■ Pamela Aaltonen, associate professor of nursing.

A Purdue faculty member since 1979, Aaltonen has been recognized by her school and her college for her teaching excellence and willingness to help students inside and outside the classroom.

Students appreciate Aaltonen's enthusiasm as she focuses on cultivating interest in and recognition of the value of all aspects of the health care system.

Students have said of Aaltonen: "I've never seen anyone that loves her job as much as Professor Aaltonen. [She] is very passionate about public health nursing." ... "Her lectures are engaging and quite informative. Her enthusiasm for teaching was contagious, and her ability to mentor students is unparalleled." ... "The instructor was always willing to take time to help students. The class and material were also very organized."

Many of Aaltonen's classroom activities are designed to engage students' imaginations and allow



LEFT: Sarah Templin, clinical instructor of educational studies, orients student teachers as they prepare to go out in the community.

BELOW: Ralph Webb, professor of communication, visits a Department of Communication research lab as mass communication majors Cecila Martinez and Christopher Stried prepare to conduct a class research project.

them to see the work of public health in people's everyday lives. To encourage student participation in class, Aaltonen has developed a triage exercise that requires undergraduates to respond to a simulated train derailment.

In another activity, Aaltonen takes a select group of students to the Navajo Nation in Arizona for a clinical public health nursing experience each May. The students live and work on the reservation with Indian Health Service and Navajo Nation health care providers.

"The point of these exercises is to develop the capacity of students to make informed decisions as well as to facilitate an informed decision-making process among the clients and patients with whom they interact," says Aaltonen, who was inducted into Purdue's Teaching Academy in 2008.

Aaltonen also tries to emphasize the need to learn continuously and grow by being active in professional organizations, reading and discussing current literature with students, and mentoring young professionals.

"We all should embrace the need for lifelong learning and development, and part of our job is



to provide students with a toolbox of means of accomplishing this," she says. "Systems are not stagnant nor are the individuals who work within these systems."

■ Frank Dooley, professor of agricultural economics.

Dooley's imaginative and engaging teaching style already have earned him recognition on campus. Dooley received the University's Teaching for Tomorrow Award in 1999, and he was inducted into Purdue's Teaching Academy

in 2002. In addition to being a Murphy Award recipient this year, Dooley also received the College of Agriculture's Richard L. Kohls Outstanding Teaching Award.

Dooley helped to restructure agricultural economics' freshman orientation course, and in 2007 he developed a class to guide upperclassmen serving as student mentors for freshman. Dooley also developed and taught the department's two internship courses.

Students' evaluations of Dooley

are consistently positive, and his median instructor rating for undergraduate courses is 4.7.

Students repeatedly praise Dooley's ability to meld theory to real world examples and application. He often brings topics from Business Week or the Wall Street Journal and asks students to consider the economics involved.

"I work hard to make learning a comprehensive process rather than simply memorizing facts for an exam," he says. "This process includes showing students how to find information, identify their biases, organize their thoughts, and present their conclusions. My primary goal is to help students learn to think for themselves and make decisions."

Several principles guide Dooley's teaching. Dooley thinks teachers need to challenge students, clearly describe the ground rules for their classes, continue their own learning, and provide evaluation of all aspects of student performance.

"Finally, my teaching philosophy is grounded on three principles: be honest, be available, and be fair," he says. "Without these fundamentals, everything else is meaningless."

■ Sarah Templin, clinical instructor of educational studies.

At Purdue since 1998, Templin teaches a variety of courses that prepare students to become teachers who will work with students with varying abilities and disabilities.

In addition to the Murphy Award, Templin's teaching excellence has been recognized with Purdue's Teaching for Tomorrow Award, the College of Education's Outstanding Teacher Award and the Department of Educational Studies' Outstanding Teacher Award.

Students consistently rate Templin's instruction with high marks, and offer praise for her commitment and passion:

"Sarah is incredibly enthusiastic, knowledgeable and friendly on a daily basis." ... "Sarah is a great instructor. Not only was she extremely knowledgeable about her subject but she also shows great enthusiasm for it." ... "Sarah Templin is by far one of the best instructors I have had at Purdue. She is a





ABOVE: In addition to receiving a Murphy Award, Frank Dooley also was honored this year with the College of Agriculture's Richard L. Kohls Outstanding Teaching Award. Dooley is a professor of agricultural economics.

LEFT: Pamela Aaltonen, associate professor of nursing, is repeatedly praised by students for the enthusiam she conveys during her public health courses.

wonderful example and provides inspiration and excitement in the work of teaching."

Templin's goal is to offer lectures that are not only engaging but also provide connections between theory and practice.

"I strive to bring real life examples into my lectures so that the students can see how the lecture information will eventually impact their future classrooms," she says. "I try to liven up my lectures a bit through different strategies, including having my dog, Phil, a golden retriever and a service dog in Caring Paws, 'guest lecture.' He doesn't say much, but the students love him."

Having the opportunity to

work with Purdue students makes her job a joy, Templin says.

"Opening students up to new ideas and concepts is constantly rewarding," she says. "Knowing that I am preparing our future special education teachers who will have a positive impact on their future students is exciting. Many of my students will be dealing with students in their classrooms who face numerous challenges, and it is extremely rewarding to know that I'm sharing the knowledge, skills, and values that they will need to be successful."

■ Ralph Webb, professor of communication.

Strong evaluation ratings and glowing testimonials provide clear

evidence that students consider Webb to be an outstanding instructor.

Students say: "A master teacher inside and outside the classroom. He lives interpersonal communication. In spite of all his work, he always has time for students." ... "He was always willing to take time to talk, and he very thoroughly evaluated everything I wrote for him. He contributed most to helping me develop a better writing style." ... "I thank Dr. Webb for his love of learning and the creativity by which he directs his class."

Howard Sypher, head of the Department of Communication, says: "This is what you hear from undergraduates about Ralph all the time. He goes beyond the classroom in every respect. He works hard to develop relationships with students that matter. ... He is one of the reasons that our students will remember Purdue and their experiences here fondly."

A faculty member since 1965, Webb has designed five new courses for the Department of Communication and served as director of undergraduate studies and coordinated the department's internship program for 10 years.

Webb also works extensively with students outside the class-room, acting as mentor of HORI-ZONS Student Support Program and serving as a Faculty Fellow at Wiley Hall.

Webb enjoys his daily exchanges with students.

"I like our conversations about the theories and practices of interpersonal communication, human relationships, and the struggles we face to resolve the issues we confront in everyday life," he says.

### Photos by Mark Simons

### Other awards

The McCoy Awards, awards by colleges and schools for outstanding teaching, and several awards for particular forms of service also were presented April 19 at Honors Convocation. Summaries of those award presentations are on page 13.

## Spring Fling activity registrations open; event policies assist participation

Spring Fling, the annual appreciation event for faculty, staff, graduate student staff, and retirees, is set for 11:30 a.m. to 4 p.m. Thursday, May 21.

Events — designed to show appreciation for the hard work of faculty and staff throughout the year — are held in and around the Recreational Sports Center.

Spring Fling organizers have planned the usual array of activities for faculty and staff to enjoy throughout the day.

Lunch this year will feature a turkey or ham hoagie, chips, pretzels, carrots, trail mix, apples and ice cream. There will be a vegetarian option. Beverages will be water and soft drinks. Recycling containers will be situated around the Rec Center for disposing of beverage containers.

Traditional activities include the classic vehicle show, fitness walk, golf, trivia contest, bingo, and music. In addition, free play activities are available at the Rec Center throughout the afternoon.

Registration is due May 8 for the vehicle show, fitness walk, golf and trivia contest. For information, go to www.purdue.edu/springfling. Other activities, which don't require advance registration, include square dancing; yard games such as corn hole, ladder golf and horseshoes; and sand volleyball.

The Bloodmobile will be outside the Rec Center for those who would like to donate blood.

Also, Food Finders will again be accepting non-perishable items.

Lunch lines will open at 11:30 a.m. at the southeast entrance to the East Gymnasium.

President France A. Córdova encourages deans, directors, department or office heads to use this occasion to show special appreciation to the support staff.

All staff can attend Spring Fling without loss of pay, vacation or personal holiday, according to University policy.

To facilitate Spring Fling attendance, Human Resource Services offers guidelines for scheduling:

- Attendance is covered in "worked regular" pay status for staff attending during normally scheduled work hours.
- Temporary staff can attend if work schedules permit, but not in pay status.
  - Staff scheduled on the eve-

### Carryout orders must be called in early

For staff members who are in restricted positions and are unable to make it to Spring Fling, there is a carryout lunch option.

The Meredith Hall kitchen will provide lunch for those needing carryout meals.

The meals will be available for quick, convenient pickup from 11:30 a.m. until 1:30 p.m.

Orders must be placed in advance. Orders will be accepted May 11-15 at 49-47166. Orders must be received by 4 p.m. May 15. No walk-in orders will be accepted.

Watch for signs that will

point those who are picking up lunches to the correct location at Meredith Hall.

### Forward phone calls if out

A simple message can help the Telephone Office staff on May 21 during Spring Fling.

Those who attend Spring Fling should remember to forward their phone calls to voice mail or to those who are providing phone coverage. That easy step can prevent an excess of phone calls to University operators on the day of Spring Fling.

ning or night shifts and those not normally scheduled to work May 21 are invited to attend. Adjustments to work schedules normally are not made to cover these staff members in pay status.

- Staff are not expected to return to work if one hour or less remains in their work day.
- Staff on vacation or sick leave on May 21 should remain on such

status for the day. Regular pay status is not applicable for such staff.

Staff also are reminded that Spring Fling is designed for Purdue employees and does not include families, friends or students who are not graduate staff.

Questions about these guidelines should be directed to Carrie Hanson in Human Resource Services at 49-47397.

# **HistoryCorner**

# BCC architecture still reflects goals 10 years later

The Black Cultural Center, first occupied in June 1999, has features inside and out that express the center's fostering of academic progress, cultural enrichment and personal growth.



From the African-inspired keyhole-shaped portal and brick patterns to the octagonal lobby and wrought-iron balcony, the center speaks of history and identity.

This is so because people cared. The BCC had developed its identity in 25 years operating from a house built in 1905. Students and others learned about African styles and symbols to use. Students helped select architect Walter Blackburn, then worked with him on the project.

The result was a home rich in function and meaning, enough so that it is used in diversity teaching at Purdue. BCC will celebrate the building's first 10 years at Homecoming as it celebrates the program's 40th anniversary. For more building details, go to www.purdue.edu/bcc and look under "Facilities."



### Next time

... History Corner looks at another building project audacious in its own way. If you can add facts or context, let us know soon at jrosa@purdue.edu.

April 30, 2009 FACULTY-STAFF AWARDS Inside Purdue 13

# ECE professor earns McCoy Award for nanoscale advances in optics

# Metamaterials' refraction offers varied applications

Vladimir Shalaev, a professor who works on issues related to invisible materials, received Purdue's Herbert Newby McCoy Award for 2009 at the Honors Convocation on April 19.

Shalaev is the Robert and Anne Burnett Professor of Electrical and Computer Engineering.

The McCoy Award is presented annually to the Purdue student or faculty member "in the science departments of Purdue making the greatest contribution of the year to science," based on nominations by peers.

Along with the McCoy Award certificate, Shalaev receives a cash prize of \$4,000, plus a \$7,000 sti-

pend to support his research.

Shalaev will present a McCoy Distinguished Lecture next fall.

The award was established in



Shalaev

1964 through a bequest from Dr. Ethel Terry McCoy in memory of her husband, who was an alumnus in the College of Science.

Shalaev's nominators described his work as "seminal con-

tributions to both the theoretical framework and experimental realization of optical metamaterials" at a level that has "truly transformed the field."

His research group, the nominators wrote, followed key theory with "an intense nanofabrication

effort that led to breakthrough experiments on optical metamaterials with strong magnetic response and negative refractive index at optical frequencies."

The fabrication uses advances in nanotechnology "to guide and control the flow of electromagnetic energy" in a precise, pre-designed way. This gives the option of engineering a metamaterial with refractive properties in which "the phase velocity is actually directed against the flow of energy!"

This possibility has come about since 2004, when observation of magnetic response went from the millimeter scale to 300 microns and near-infrared. "The Shalaev group was the first to demonstrate artificial magnetism across the entire visible range," the nominators wrote.

The key breakthrough, they said, came in 2005 when Shalaev "demonstrated the first optical metamaterials with a negative refractive index at the telecommunications wavelength of 1.5 micron."

Such metamaterials find application in superlens and hyperlens, optical lithography and nanocircuits, optical nanoantennae and even cloaks of invisibility.

The Shalaev group has shown how to do this cloaking in the visible range in what is being called transformation optics, which many view as highly promising.

Shalaev's work has attracted worldwide interest, and citations of his papers have reached the highest numbers in optics.

More about Shalaev is at his Web site at www.ece.purdue.edu/~shalaev/.

## Various awards recognize excellence in teaching, other academic endeavors

Purdue faculty and staff received a number of awards April 19 during the University's annual Honors Convocation in Elliott Hall of Music.

Four campus-wide teaching awards were bestowed (pages 8-9), each academic area presented an award for excellence in teaching, and other awards related to academic endeavors were announced.

### **Excellence in teaching awards**

College of Agriculture — Richard L. Kohls Outstanding Undergraduate Teaching Award, to Frank Dooley, professor of agricultural economics.

College of Consumer and Family Sciences — Mary L. Matthews Award for Outstanding Undergraduate Teaching, to Soo Cheong (Shawn) Jang, assistant professor of hospitality and tourism management.

College of Education — Outstanding Teacher Award, to Sarah Templin, clinical instructor of educational studies.

College of Engineering — A.A. Potter Best of Engineering Teaching Award, to James Longuski, professor of aeronautics and astronautics engineering.

School of Health Sciences — Robert R. Landolt Award for Excellence in Teaching, to Neil J. Zimmerman, associate professor of industrial hygiene.

College of Liberal Arts — Excellence in Education Award, to Paula Leverage, associate professor of foreign languages and literatures.

School of Management — Outstanding Undergraduate Teacher Award, to Clifford D. Fisher, clinical associate professor of management.

School of Nursing — LaNelle E. Geddes Excellence in Teaching Award, to Polly Royal, clinical assistant professor of nursing.

School of Pharmacy and Pharmaceutical Sciences — Dr. Aziz Outstanding Teaching Award, to Kevin M. Sowinski, associate professor of pharmacy practice.

College of Science — Outstanding Undergraduate Teaching Award, to Dor Ben-Amotz, professor of chemistry, for classes up to 99 in size, and Henry Chang, assistant professor of biological sciences, for classes over 100.

College of Technology — James G. Dwyer Award for Outstanding Undergraduate Teaching, to Thomas Kirk, assistant professor of mechanical engineering technology.

School of Veterinary Medicine
— Alumni Outstanding Teaching Award, to David Huse, visiting assistant professor of basic medical sciences.

Recipients of awards for excellence in teaching receive commemorative plaques and cash awards from their college or school.

#### Other awards

- Provost's Award for Outstanding Faculty Mentors Hilk-ka Kenttamaa, professor of chemistry; and Henry Weiner, professor of biochemistry. Each receives a \$2,500 award.
- Helen B. Schleman Gold Medallion Award Suzanne Nielsen, department head and professor of food science. The award is presented annually to a woman faculty or staff member who has made significant contributions to the university and its students. In 25 years at Purdue, Nielsen has been a role model and mentor for female students, including 25 of the 32 graduate students who have been supported by the \$3 million in research funding she has secured.

She also was the principal organizer of Women Faculty in the College of Agriculture from 1992 to

2002. Nielsen receives the medallion and a \$1,500 award.

- Class of 1922 Helping Students Learn Award — Charles Krousgrill, professor of mechanical engineering. Krousgrill was recognized for his innovative work called "For the Implementation and Evaluation of HigherEd 2.0 to Enable Asynchronous Student Interaction and Peer Support." He receives a \$4,000 cash prize. An additional \$2,000 will be credited to his academic expense accounts for official use.
- Purdue Academic Advising Association's Outstanding Advisor Award — Mark Diekman, College of Agriculture. He received a plaque and a monetary gift.
- Purdue Academic Advising Association's Outstanding New Professional Award — Tiffany Mousel, College of Pharmacy, Nursing and Health Sciences. She received a plaque and a gift certificate.
- Award for Excellence in Distance Learning: Best Credit-Granting Program — Robert Yale, a graduate teaching assistant in the Department of Communication. He receives a \$1,000 cash award.

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# School of Veterinary Medicine celebrates with 'Dog Days' art project

The School of Veterinary Medicine is celebrating its 50th anniversary by participating in the community art project "Dog Days of Summer," which debuts May 9.

The school partnered with the Art Museum of Greater Lafayette for the art project, which will feature more than 40 decorated life-size dog statues throughout the area.

"The project is designed to celebrate the school's 50th anniversary in a way that pays tribute, through public art, to the human-animal bond," says Kevin Doerr, School of Veterinary Medicine director of alumni relations and public affairs. "By creating an exciting and unique attraction for downtown Lafayette, West Lafayette and Purdue, this project will draw attention to the school's role in promoting and protecting animal health and well-being while honoring man's best friend."

Dog Days of Summer builds upon previous sculpture projects in the community: Hog Wild in 2003 and Frog Follies in 2005. This new project also is inspired by the school's outdoor sculpture "Continuum" by Larry Anderson, which features a dog as part of its array of people and animals in a depiction of the enduring human-animal bond.

In addition to working on the overall event, the school is sponsoring its own dog, designed by Lafayette artist Liz Rainey. Rainey's



HOTOS BY MARK SIMONS

ABOVE: Artist Liz Rainey takes photos of a canine skeleton as part of her research to create the School of Veterinary Medicine's dog statue for the Dog Days of Summer exhibit. With Rainey is Rose Killian, who led the school's fundraising efforts to secure the statue. RIGHT: Rainey works on her dog statue design, which features a canine skeleton on one side and the exterior of a chocolate brown Labrador retriever on the other.



- SVM 50th anniversary: http://owl.vet.purdue.edu/vetmed50/
- Dog Days of Summer: www. lafayettedogdays.com

design features a skeleton on one side of the dog and the furry exterior of a chocolate brown Labrador retriever on the other.

"The design is reminiscent of the 'Continuum' sculpture, which features depictions of the skeletal system on a horse, circulatory system on a pig and nervous system on a cat," Doerr says. "Liz's idea was an instant hit with faculty, staff and students."

One of the dog's biggest supporters is Rose Killian, who led the fundraising efforts that made the school's sponsorship of a dog possible. Killian, grants coordinator and graduate secretary, quickly raised the \$5,000 necessary to keep the statue at the school at the completion of the Dog Days event.

"The generosity of everyone at

the school — faculty, staff, students, alumni and retirees — made this effort a great success, and it made my job very easy," she says.

The overwhelming support also inspired Killian to coin the name of the school's dog, Oliver.

"I came up with the name Oliver because it sounds like 'all of our' dog," she says. "That truly is the case."

A decision has not been made on Oliver's new home, but the statue will likely be placed along the Harrison Street side of Lynn Hall.

### **Anniversary** –

Continued from page 1

technology, postgraduate internships and residencies for doctors of veterinary medicine seeking specialty training, and graduate degrees in the departments of Basic Medical Sciences, Comparative Pathobiology and Veterinary Clinical Sciences.

Home to the Veterinary Teaching Hospital and the Animal Disease Diagnostic Laboratory, the school serves as a major referral center for the diagnosis and treatment of diseases of all species of companion and food animals, as well as exotic pets and wildlife.

"The school was founded first and foremost for the purpose of training veterinary professionals to serve the needs of animal agriculture and companion animal owners," Reed says. "Our alumni have served in a wide variety of fields, from veterinary practitioners, to educators in veterinary colleges, veterinary school deans, high-level administrators in government and heads of veterinary organizations, including state veterinary medical associations and the American Veterinary Medical Association."

The school's accomplishments from the past 50 years are many. Reed highlights the creation of the school's veterinary technology program, which launched in 1975. Since then, Purdue has been one of only two programs nationally that integrates veterinary technology training with the education of doctors of veterinary medicine.

"Purdue faculty and administrators recognized that veterinary technicians, who fill the role of nurses in the veterinary profession, would play a pivotal role in the future," Reed says. "Moreover, they recognized the vital need to train veterinary professionals to work as a team, and the Purdue model of training veterinarians and veterinary technicians side-by-side in a clinical setting became the gold standard in veterinary education."

Other achievements for the

school included the establishment of an interdisciplinary cancer research program called the Purdue Comparative Oncology Program in 1979 and the development of a distancelearning program for veterinary technology in the late 1990s.

Reed calls the Comparative Oncology Program a visionary effort.

"The program served as a forerunner to current research programs that link animal and human health through studies of animal diseases that serve as models for comparable human illnesses," he says.

The school's distance-learning program became accredited by the American Veterinary Medical Association in 2003. Today, the vet tech distance-learning program is one of

### **Campus Digest**

# APSAC chooses vice chair, members emeriti

The Administrative and Professional Staff Advisory Committee elected Nick Howell as 2009-10 vice chair at its meeting April 9.

Howell, compensation analyst for Human Resource Services, will take office at APSAC's May meeting. He succeeds Cherry Delaney, security awareness and outreach coordinator for IT Networks and Security, who will serve as chair for the coming year.

APSAC also elected three current members to serve as members emeriti in 2009-10: Leonard Seidel, director of catering and events at Purdue Memorial Union; Steve Santy, IT security project manager; and David Tate, director of clinical and continuing education and alumni relations in the School of Health Sciences.

# Five teachers win awards for distance ed courses

Purdue's Instructional Development Center has awarded cash prizes to five Purdue faculty members for developing a high-quality distance education course in 2008.

The winners developed classes that were evaluated highly in the areas of course design, interaction or collaboration, assessment and learner support. Each winning course earned a \$3,000 award.

Winners and their departments:

- Emily Bouck, educational studies.
- Peg Ertmer and Minchi Kim, curriculum and instruction.
  - Ellen Gundlach, statistics.
- Deb Saks, statewide technology.

More is at www.itap.purdue.edu/newsroom/detail. cfm?newsId=1910.

# Purdue to co-lead homeland security research center

Purdue and Rutgers universities will co-lead an international research and education group in a six-year, \$30 million U.S. Department of Homeland Security center to create methods and tools to analyze and manage vast amounts of information for all mission areas of homeland security.

The new Center of Excellence in Command, Control and Interoperability will comprise the Purdue and Rutgers teams. Purdue and its team of 14 universities will focus on the Visualization Sciences, while Rutgers will lead the effort's Data Sciences component.

More is at http://news.uns. purdue.edu/x/2009a/090402Ebert HomelandSecurity.html.

# Trustee's gift to endow first named IT professorship

A \$1 million gift from Indianapolis resident and Purdue trustee and alumnus William Oesterle will create the University's first endowed professorship in information technology.

The Olga Oesterle England Professorship of Information Technology will be held by Gerry McCartney, Purdue's chief information officer. The appointment is subject to ratification by University's Board of Trustees.

Oesterle, a Purdue trustee since 2005, is chief executive officer and a co-founder of Angie's List. The professorship is named in honor of Oesterle's great aunt.

More is at http://news.uns. purdue.edu/x/2009a/ 090413OesterleGift.html.

### Alumni taking nominations for Special Boilermaker Award

Nominations are being accepted for the Special Boilermaker Award, given annually by the Purdue Alumni Association.

The Special Boilermaker Award was established in 1981 to recognize a faculty or staff member who has contributed significantly to the quality of life and/or the betterment of the educational experience

for a substantial number of Purdue students.

Nominations should be submitted by June 1 online at www.purduealum.org/
SpecialBoilermaker/.

# Magazine from Debris to show images of year

The student staff of Purdue's Debris yearbook will debut a new magazine this week called OnTrack.

Production of the Debris was ended after the 2007-08 edition due to budget issues. The staff, however, wanted to produce something to "capture and preserve the proudest moments from the 2008-09 school year," according to David Williams, faculty advisor for the Debris.

"This was purely a labor of love," Williams said. "We had some funds in the Debris reserve account that were derived from publication of previous yearbooks. That gave the students enough funding to produce 1,000 copies of OnTrack."

The magazine, which features photographs from throughout 2008-09, was produced by Jon Van Norman, student editor of the Debris, and a six-student staff.

It will be available at various campus locations, including Purdue Libraries and student gathering spots.

only a few of its kind in the nation.

"More than 300 students are enrolled virtually in the School of Veterinary Medicine through online courses that make the veterinary technology program accessible to those who cannot relocate to the Purdue campus in West Lafayette," Reed says.

Reed also notes that the school was the first in the nation to use a "tracked" curriculum, enabling veterinary students to focus their education on their primary interest areas. The tracks include small animal, mixed animal, food animal, and companion animal.

Additionally the school introduced "problem-based learning" to provide students with more exposure earlier in their veterinary education to the diagnostic skills required in veterinary practice.

Reed and the school recently laid the groundwork for the next several years with the approval of a new strategic plan. The plan emphasizes increasing sponsored research funding, encouraging interdisciplinary efforts and raising the number of clinical trials. Other goals include enhancing support systems for students, continuing to diversify the school's student body and achieving national recognition.

The school also is poised to take a leadership role in addressing issues related to the human-animal bond. The school is launching the new Maddie's Shelter Medicine

### **SVM** book

The School of Veterinary Medicine has published a book to commemorate its anniversary. "Celebrating a Continuum of Excellence: Purdue University School of Veterinary Medicine 1959-2009" tells the story of the school's founding and the growth and development of both the school and the veterinary profession in Indiana since the late 1950s.

Program to focus on the growing issue of homeless pets and their medical needs.

"This initiative coupled with our well-known expertise in the study of the human-animal bond will enable us to guide and influence the process of finding real answers to the challenges posed by pet homelessness," Reed says.

In the next few years, the school will pursue adding new facilities to address the needs of large-animal owners. The existing Large Animal Hospital is substantially unchanged from when it opened 50 years ago.

"As an intermediate step, we are planning for a new satellite equine facility to be located near the Indiana Downs racetrack in Shelbyville," he says. "This satellite hospital will expand our ability to address the needs of the Indiana equine industry in collaboration with private practitioners."

### **Service anniversaries**





35 years: Hugh Fultz, electrician crew chief, operations and maintenance.



35 years: Hugh Fultz, operations and maintenance; Susan Honey, marketing and media.

30 years: Dennis Linder, animal sciences research farms; William Maschino, Southeast Purdue Ag Center; Theresa Perry, general stores operation, Calumet; Marilyn Silver, Windsor Halls.

25 years: Randall Chase, PMU; James Hahn, PMU; Michael Hale,

20 years: Sabina Castaneda,

Wiley Hall; Brian Fultz, fire department; Margie Longfellow, Hawkins Hall; Bridget McDaniel, Wiley Hall; Sheila Niccum, chemistry; Cheryl Smith, libraries; Mary Speakman, Cary Quadrangle; Aggie Ward, curriculum and instruction.

15 years: Carlos Flores, grounds; Rosa Flores, Cary Quadrangle; Kirk Justus, Purdue Village;



35 years: Susan Honey, clerk, marketing and media.



25 years: Randall Chase, storekeeper/inventory control, Purdue Memorial Union.

Phillip Katter, building services; Larry Martin, central heating and cooling, Calumet; Candy Penrod, office of vice president for information technology.

10 years: Jane Bisher, office of vice president for information technology; Patricia Burkhalter, consumer and family sciences; Sara Hunley, student access, transition and success; Joan Jackson, aeronautics and astronautics; Patsy King, electrical and computer engineer-

ing; Kristy Lamers, health sciences administration, IPFW; Charlotte Miller, IT infrastructure; Melissa Paxton, Harrison Hall; Angela Prather, Cary Quadrangle; Janice Runner, chemistry; Cynthia Salazar, Illinois-Indiana sea grant program; Marilyn Timmons, office of vice president for student services; Richard Weber, grounds, IPFW; Eric Whitehead, horticulture and landscape architecture; Patricia Wiers, consumer and family sciences.

### **Campus Digest**

### Open forums set for Science dean finalists

The four finalists for dean of the College of Science are scheduled for public forums May 1-11, Provost Randy Woodson has announced.

At each one-hour forum, the candidate will make a presentation, then take questions. A 30-minute reception will follow.

Leah Jamieson, the John A. Edwardson Dean of Engineering, is chairing the committee that conducted the national candidate search.

Candidates and forum dates are:

- May 1 (F): Jeffrey T. Roberts, University of Minnesota. 9:30-10:30 a.m. Room 1142, Lawson Computer Science Building.
- May 4 (M): Patricia Rankin, University of Colorado at Boulder. 2:30-3:30 p.m. Room 1142, Lawson Computer Science Building.
- May 7 (Th): Robert E. Continetti, University of California at San Diego. 2:30-3:30 p.m. Room 206, Stewart Center.
- May 11 (M): Pierre V. Sokolsky, University of Utah. 2:30-3:30 p.m. Room 206, Stewart Center.

The candidates' curriculum vitae are at www.science.purdue. edu/dean\_candidates.asp.

Jon Harbor, associate vice president for research for centers and institutes, is interim dean. Jeffrey Vitter, now provost at Texas A&M University, had been dean.

# Purdue honors winner of Violet Haas Award

Berenice Carroll, professor of political science and women's studies, received the 2009 Violet Haas Award at an April 14 reception.

Established in 1990, the award recognizes individuals, programs or departments at Purdue that have facilitated the advancement of women in hiring, promotion, education and salary, or have generally enhanced a positive professional climate for women at the University.

Carroll came to Purdue in 1990, when she was named director of the Women's Studies Program. She held the position until 2000. Throughout her career, Carroll has mentored junior faculty and graduate students; been instrumental in increasing the diversity in the Women's Studies Program and on faculty search committees on which she served; and has been an advocate on social issues affecting women, such as equal pay and equal rights.

She also introduced women and international relations courses into the study of international relations in political science. She helped to establish the International Peace Research Association, the Consortium on Peace Research, Education, and Development, and the Peace and Justice Studies Association. Carroll has made many contributions to the scholarship of women's studies and was president of the National Women's Studies Association in 1999-2000.

The award, sponsored by the Council on the Status of Women, is named for Haas, an electrical engineering professor from 1962-86, who was instrumental in the early development of the Purdue chapter of the Society of Women Engineers.

# Ag announces promotions among A/P staff members

The following administrative and professional staff members in the College of Agriculture have been advanced in rank beginning with the next fiscal year:

- To Rank 6: Joan E. Crow, agricultural communications service; Jeffrey L. Fields, Animal Science Research Center; Dee E. Flynn, agricultural information technology; Paul J. Jones, agricultural and biological engineering; Tammy L. Luck, entomology; Gnanasiri S. Premachandra, agronomy; Julie R. Stephens, office of the Indiana state chemist.
- To Rank 5: Scott M. Farris, office of the Indiana state chemist; Gregore Koliantz, agronomy; David C. Landreth, agronomy; Paula J.



PHOTO BY MARK SIMONS

President France A. Córdova and Bob Mindrum, director of Purdue Memorial Union, express appreciation April 18 for supporters of Pappy's Sweet Shop. The plaque says "The Class of 1955 Sweet Shop Endowment." The recognition event at the diner was part of the Purdue Alumni Association's Gala Week.

## Three class gifts celebrated in April

The week of Spring Fest and Gala Week saw dedications or celebrations of a statue, a dining venue and a plaza.

On April 16, an 8-foot statue of aviator Amelia Earhart was dedicated outside the residence hall that bears her name. Earhart was a counselor at Purdue from 1935 to 1937.

The statue was made possible by a gift from alumna and trustee Susan Bulkeley Butler.

More about the statue is at http://news.uns.purdue.edu/x/2009a/090415BlackwelderEarhart.html.

On April 18, three alumni classes celebrated the outcomes of their gifts to Purdue.

The Class of 1955, renewing an old habit of gathering at the Sweet Shop, savored the knowledge that \$61,425 placed in an endowment will keep Pappy's Sweet Shop going strong in Purdue Memorial Union.

The diner, which opened in 1927, underwent a \$1.9 million renovation in 2004. The decor changed to a conspicuously diner style, and the infrastructure including lighting was improved.

The classes of 1956 and 1957 also celebrated as the South Campus Plaza, a green space outside Pao Hall of Visual and Performing Arts, was dedicated. Nearly \$400,000 has been raised for the plaza, which features seating for study and outdoor classes.

Layden, entomology; Colleen K. Martin, horticulture and landscape architecture; Rakesh Patel, office of the Indiana state chemist; Craig A. Personett, youth development and agricultural education; Jane E. Robertson, youth development and agricultural education; Gwen S. Shoemaker, food science; Stephen J. Swain, agricultural and biological engineering; Irene Szalasny, office of the Indiana state chemist; William L. Vollmer, youth develop-

ment and agricultural education.

■ To Rank 4: Ginger L. Batta, agricultural economics; Amy M. Deitrich, botany and plant pathology; Ann M. Feil, horticulture and landscape architecture; William M. Kielhorn, entomology; James A. Kruse, Center for Environmental & Regulatory Information Systems; Maud Roucan-Kane, agricultural economics; Mark A. Sobers, office of the Indiana state chemist; Anton Terekhov, food science.

# Project saving energy, money on lab fume hoods

# Sustainability advice: Close the sash when not in use

Open fume hoods in labs across campus account for thousands of dollars in wasted energy each year.

Luci Keazer, senior lab engineer in Physical Facilities, is working to save those dollars, one fume hood at a time.

Fume hoods serve as safe places to perform chemical experiments by exhausting fumes out of the building. Room air is continuously pulled into the hood, the hood's fan uses energy to pull that air up and out of the unit, and more outside air must be conditioned for the lab space to replace the exhausted air.

Keazer was calculating the energy use by all 1,500 fume hoods on campus, when she decided to inform users of the potential energy savings they could attain by closing hoods.

Unlike constant air volume (CAV) fume hoods, which exhaust air at the same rate whether open or closed, variable air volume (VAV) hoods are designed to decrease the amount of exhaust, and therefore energy consumed, when they are closed. About half of the University's 1,500 fume hoods are VAV units.

During a recent visit to the labs in one building, Keazer found that



RIGHT: Luci Keazer (right), senior lab engineer in Physical Facilities, guides student intern Samantha King in placing stickers on fume hoods in Bindley Bioscience Center. LEFT: Each sticker shows energy costs with the hood's sash open, then with it closed, then the potential savings in dollars and tons in terms of carbon footprint.

PHOTOS BY PHYSICAL FACILITIES

about one-third of the facility's VAV fume hoods were left open to some extent while not in use.

"The problem is not confined to just one building," Keazer says. "I see similar ratios in many labs."

To combat this energy-wasting practice, Keazer and Physical Facilities intern Samantha King, a first-year engineering student, designed a campaign to ask faculty and students to be more conscious of closing sashes. They created a 4 x 6" sticker that is placed above each hood sash, and bears the reminder, "Close the sash when not in use."

To demonstrate the difference users can make by changing their habits, the sticker shows users the dollar value of the energy wasted by an open hood, how much money could be saved by keeping the hood closed when not in use, and the potential carbon footprint reduction in tons.

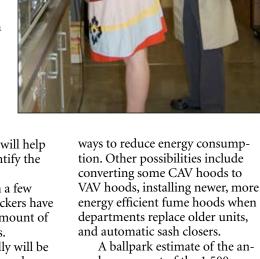
Each sticker's data is custom-calculated for that fume hood. King is working to complete a database of fume hood

engineering data, which will help Physical Facilities to identify the largest energy users.

"I want to go back in a few months and see if the stickers have had any impact on the amount of energy used," Keazer says.

The stickers eventually will be placed on all VAV fume hoods on the West Lafayette campus.

The sticker campaign is part of a larger initiative to look at energy use by all fume hoods and to find A ballpark estimate of the annual energy cost of the 1,500 campus fume hoods is \$3 million to \$4 million. Energy efficiency strategies could reduce this cost by 30 percent or more.



### Magazine ranks grad programs high

Purdue's graduate programs continued among the nation's best in U.S. News & World Report's rankings released April 23.

Categories ranked this year and Purdue's rankings were:

- Engineering. The College of Engineering tied with the University of California, San Diego, for 12th overall, up from 15th last year. The college had five specialties in the top 10 and 12 in the top 25.
- Business: Krannert School of Management's M.B.A. program moved up one spot to No. 32 overall and up one spot to No. 13 among public universities. The school had two top-10 specialties

and a No. 18.

■ Education: The College of Education jumped 20 spots in this year's rankings, from No. 68 to tie for No. 48 with the College of William and Mary and the University of Illinois at Chicago.

Among graduate program rankings made in 2007 and 2008 and considered still current by U.S. News, Purdue has top 10 rankings in analytical chemistry, speechlanguage pathology, audiology doctoral program, pharmacy doctoral program, and statistics.

More is at http://news.uns. purdue.edu/x/2009a/ 090423USNewsRankings.html.

### Being out of the loop can hurt work

Workplace ostracism hurts employees' feelings, and the effect on job performance can hurt the company's bottom line, Purdue researchers say.

"Most of us have been given the silent treatment on occasion, but being out of the loop, especially if it frequently happens at work, may have more negative consequences than we thought," says Kipling Williams, professor of psychological sciences, who studies ostracism.

Janice Kelly, professor of psychological sciences, studies

small-group decision making. She says examples of partial ostracism include not being told about an important decision, revised deadlines, office gossip or office holiday traditions.

Williams's and Kelly's research findings are published in the March issue of Group Process and Intergroup Relations. Purdue doctoral students Eric Jones and Adrienne Carter-Sowell also are study co-authors.

More is at http://news.uns. purdue.edu/x/2009a/ 090413T-KellyLoop.html. April 30, 2009 EVENTS Inside Purdue 19

# **Calendar**

Events are free unless noted. Ticket prices are for single events, not any series or discount offers. West Lafayette campus calendars also are at http://calendar.purdue. edu and in each issue of Purdue Today, our e-mail newsletter to employees.

### **Athletics**

For tickets, call Athletic Ticket Office, (765) 494-3194 or (800) 49-SPORT [497-7678].

### Friday, May 1

■ Baseball weekend series vs. Indiana. 4 p.m. Friday; 2 p.m. Saturday; 1 p.m. Sunday. Lambert Field. Tickets, each date: public, \$5; students, \$2.

### Wednesday, May 13

■ Baseball vs. Illinois-Chicago. 4 p.m. Lambert Field. Tickets: public, \$5; students, \$2.

#### Thursday, May 14

■ Baseball three-day series vs. Illinois. 4 p.m. Thursday; 1 p.m. Friday; 1 p.m. Saturday. Lambert Field. Tickets, each date: public, \$5; students, \$2.

### **Exhibitions**

### Ongoing

- Purdue University Galleries. 10 a.m.-5 p.m. Monday-Saturday, plus Thursday until 8 p.m.; 1-5 p.m. Sunday. Robert L. Ringel Gallery, PMU, and Stewart Center Gallery. 49-67899 or galleries@purdue. edu or www.purdue.edu/galleries.
- ◆ "Shrouds, Masks and the Floating World." Through Dec. 6 (longer-term use for displays from permanent collection in a dedicated gallery). Robert L. Ringel Gallery.
- ◆ "Tippecanus Rex." Purdue University Galleries co-sponsoring with Tippecanoe Arts Federation. Works and participation from 14-county region. A whimsical celebration of the unnatural, even mythical, history of Tippecanoe County. Through May 10 at TAF, 638 North St., Lafayette. Gallery hours through April are 9 a.m.-5 p.m. Tuesday-Friday; 1-4 p.m. Saturday-Sunday. More at www.purdue.edu/galleries/pages/exhibitions/ex\_tippecanusrex. shtml.
- Rueff Galleries. Patti and Rusty Rueff Department of Visual and Performing Arts. 10 a.m.-5 p.m. Monday-Friday. Pao Hall. 49-62958.
- ◆ Through May 1: Fine Art Senior Exhibition. Reception 5-7:30 p.m. May 1.
- ♦ May 4-15: Photo Senior Exhibition. Reception 1-3 p.m. May 15.

### May 9 through late summer

■ Dog Days of Summer. Artworks throughout metro area. See story, page 14.

### **Through July 16**

■ Libraries – Archives and Special Collections. "Portrait of a Founder: John Purdue and Purdue University." 9 a.m.-4:30 p.m. Monday-Friday. Virginia Kelly Karnes Archives and Special Collections Research Center, fourth floor, STEW. www.lib.purdue.edu/spcol.

### Films & TV

### Ongoing

- Purdue campus programming on BTN. Big Ten Network. Schedule subject to change.
- ◆ "Purdue Profiles: Orville Redenbacher." May 1, 11:30 a.m.
- ◆ "Purdue Panorama." May 12, 9:30 p.m.; May 14, 3:30 p.m.; May 15, 10:30 a.m.
- ◆ "John Wooden Documentary." May 26, 6:30 p.m.; May 28, 6 p.m.; May 29, 7:30 a.m.

### **Lectures & Info**

#### May 1, 4, 7, 11

■ Open forums with candidates for dean of the College of Science. One-hour for presentation, Q-and-A. Reception of 30 minutes following. Names, times, etc. in story, page 17.

#### May 18-21

■ College Teaching Workshop Series 1: Basics of Teaching. For faculty, staff and grad students. Center for Instructional Excellence. Select any or all from 10 different 90-minute sessions. Descriptions, times and places at Web site. Registration required: www.cie.purdue.edu. Questions: CIE@purdue.edu or 49-66422.

#### Saturday, June 6

■ La Polilla Café. Bilingual book discussion. "Mother Tongue" by Demetria Martinez. 10 a.m. Latino Cultural Center.

### **Music & Variety**

Tickets are sold at campus box offices or at 49-43933 or (800) 914-SHOW [-7469].

#### Friday, May 1

■ Heart & Soul spring concert. Purdue Musical Organizations. 7:30 p.m. University Church, 320 North St.

#### Saturday, May 16

■ Purdue Varsity Glee Club Endof-Season Concert. Purdue Musical Organizations. 8 p.m. Loeb Playhouse, STEW. Tickets: public, \$15; students, \$10. Questions: 49-43941.

#### Saturday, May 23

■ Indianapolis 500 Festival Parade. "All American" Marching Band. Noon.

### **Commencements set for WL, other locations**

Purdue will award degrees at five campuses and seven College of Technology locations throughout Indiana in May.

At West Lafayette, an estimated 5,792 degrees will be presented in four ceremonies May 15-17 (times for colleges/schools in Calendar below under "University").

President France A. Córdova

will address graduates. A live feed of the four ceremonies will be online at mms://video.dis.purdue. edu/graduation. This link will not become active until May 11.

Commencement videos for each school will be available.

More is at http://news.uns. purdue.edu/x/2009a/ 090422PassCommence.html.

Downtown Indianapolis. 49-66785 or kcmatter@purdue.edu.

### Sunday, May 24

■ Indianapolis 500 Race. "All American" Marching Band in opening ceremonies. Indianapolis Motor Speedway. 49-66785 or kcmatter@purdue.edu.

### **Special events**

#### Thursday, May 21

■ Spring Fling. Appreciation day for staff and faculty. Open to employees, graduate staff and retirees (does not extend to families or other students). 11:30 a.m. See story, page 12.

#### Friday, May 29

■ Murray Blackwelder celebration.

Honoring departing senior vice president for advancement. Open to all faculty and staff. 3:30-5 p.m. South Ballroom, PMU.

### Theater & Dance

Tickets are sold at campus box offices or at 49-43933 or (800) 914-SHOW [-7469].

### May 1-2

■ Spring Works dance concert. Purdue Repertory Dance Company. 7:30 p.m. each evening plus 2 p.m. matinee Saturday. Nancy T. Hansen Theatre, Pao Hall. Tickets: public, \$12; students, \$10; child 12 or under, \$6; available at box offices. Questions: 49-45993.

### University

#### Saturday, May 2

■ Spring semester classes end.

### May 4-9

■ Spring exam period. Semester ends.

#### Tuesday, May 12

■ Grades due at Office of the Registrar. 5 p.m.

#### Friday, May 15

■ Commencement at West Lafayette, Division I. Liberal Arts, Science. 8 p.m. Elliott Hall of Music. By ticket only. Online viewing available for all four WL ceremonies; see story above.

# Convocations party for Friends to reveal 2009-10 lineup

Purdue Convocations invites everyone to join Friends of Convocations and thereby be eligible for the Party of the Season, when the 2009-10 Convocations lineup will be announced.

The party will be at 5:30 p.m. May 21 at the University Plaza Hotel, 3001 Northwestern Ave.

Partygoers will enjoy hot hors d'oeuvres, cocktails and a selection of desserts, plus the new brochure, a DVD presentation and remarks by Todd Wetzel, Convocations director.

More about Friends of Convocations is at **www.convocations. org** under Support.

The new season schedule will be on the Web site May 22 and announced publicly.

#### Saturday, May 16

■ Commencement at West Lafayette, Division II. Education; Engineering; Veterinary Medicine. 9:30 a.m. Elliott Hall of Music. By ticket only.

■ Commencement at West Lafayette,

**Division III.** Agriculture; Consumer and Family Sciences; Pharmacy, Nursing, and Health Sciences. 2:30 p.m. Elliott Hall of Music. By ticket only.

### Sunday, May 17

■ Commencement at West Lafayette, Division IV. Management; Technology. 9:30 a.m. Elliott Hall of Music. By ticket only.

#### Monday, May 18

■ Summer school begins at West Lafayette. Four-week modules. First module May 18-June 12. Second module is June 15-July 10. Third module is July 13-Aug. 7. Commencement is Saturday, Aug. 8, at 9:30 a.m.

#### Monday, May 25

■ Memorial Day. University holiday. Offices closed, no classes.

# Farmers market to sprout weekly near Dauch

Fresh fruits and vegetables will be among the offerings this summer when a farmers market opens once a week in a parking lot on the south side of campus.

Local Indiana growers and merchants will be on hand at the market, sponsored by Purdue Physical Facilities, at the corner of Sheetz and Wood streets, just west of Dick and Sandy Dauch Alumni Center. The market will operate 3-6:30 p.m. Thursdays from June 4 through Aug. 13.

Items expected at the market include fresh fruits and vegetables, baked goods, jams and jellies, fresh kettle-popped corn, homemade crafts, and annual and perennial plants. The number of growers and amount of produce on a given day depends on the natural progression of the growing season.

Michele Wing, human resource specialist in the Physical Facilities human resource office, worked with Greater Lafayette Commerce and with Purdue Housing and Food Services and Business Services to bring the market to the West Lafayette campus.

"One of our strategic initiatives is wellness and to increase the awareness of wellness opportunities for our physical facilities staff," Wing said. "When we started exploring the idea of a farmers



market on campus, I realized it was something that could benefit the entire campus."

The farmers market on campus will complement other markets that operate in Lafayette-West Lafayette.

Those markets and their hours:

- Lafayette Farmers Market. Open 7:30 a.m.-12:30 p.m. Tuesdays and Saturdays May 1 to Oct. 31 on Fifth Street between Main and Columbia streets in downtown Lafayette. When the Purdue market closes for the season, the Lafayette market will open at 4-7 p.m. Thursdays.
- Sagamore West Farmers Market. Open 3-6:30 Wednesdays May 6-Oct. 28 at Cumberland Park on Salisbury Street, West Lafayette.

More information about the Lafayette Farmers Market, including a produce calendar indicating what's in season each month, is at www.lafayettefarmersmarket.com. Or, visit the West Lafayette Market at www.westlafayette.in.gov/departments/parksandrec/farmers%20market.htm.

### iarmers

### **Deaths**

**Richard L. Moyer**, 64, died March 12 in Lafayette. He worked in agricultural research at Purdue. Memorials: American Heart Association.

Cornell A. Bell, 84, died March 20 in Ann Arbor, Mich. He was director of the Business Opportunity Program in Krannert School of Management. Memorials: Dr. Cornell A. Bell Scholarship Fund, Central Bank, 1120 Clay Road, Houston, TX 77041.

Richard A. Hunt, 71, died March 22 in West Lafayette. He was professor emeritus of mathematics, having taught at Purdue from 1969 to 2000. Memorials: Lafayette Urban Ministry, 525 N. Fourth St., Lafayette, IN 47901.

Samuel D. Parsons, 69, died March 24 in Lafayette. He was a professor in agricultural engineering at Purdue. Memorials: Sam Parsons Memorial Fund, c/o American Brain Tumor Association, 2720 River Road, Des Plaines, IL 60018; or St. Elizabeth Hospice, 1415 Salem St., Suite 202 W., Lafayette, IN 47904.

M. Jean Sperback, 92, died March 24 in West Lafayette. She worked in the animal sciences department at Purdue. Memorials: YWCA Women in Crisis Women's Shelter, 605 N. Sixth St., Lafayette, IN 47901.

**Ruth E. Kelp**, 80, died March 25 in Lafayette. She worked for Purdue. Memorials: Alzheimer's Association or Parkinson's Disease Foundation.

**Carol A. Goode**, 75, died March 25. She worked at Purdue.

Albert Shoaf, 86, died March 31 in Fowler. He worked in Intercollegiate Athletics at Purdue. Memorials: Otterbein United Methodist Church Building Fund or Serenity Hospice Foundation.

**Beverly A. Burwell**, 86, died March 31 in Lafayette. She worked as a librarian at Purdue. Memorials: James Burwell Cary Quad Resident Assistance Endowment, 403 West Wood St., West Lafayette, IN 47907.

**James Campbell**, 68, died April 2 in Lafayette. He worked at Purdue.

Richard W. McDowell, 84, died April 2 in Lafayette. He was professor emeritus of engineering, having taught at Purdue from 1952 to 1991. Memorials: Purdue Foundation for the Richard W. McDowell Best Counselor Award in the College of Engineering.

Patricia J. Scott, 67, died April 3 in Lafayette. She worked at the Purdue Large Animal Clinic. Memorials: Stockwell United Methodist Church Building Fund, P.O. Box 176, Stockwell, IN 47983; or American Cancer Society, 401 S. Earl Ave., Suite 1A, Lafayette, IN 47904.

**Sara R. Brown**, 82, died April 5 in Boswell. She worked at Purdue.

Martha "Pat" Keady, 62, died April 6 in Indianapolis. She was the wife of Gene Keady, who was men's basketball coach at Purdue from 1980 until 2005. Memorials: Women's Heart Foundation, P.O. Box 7827, West Trenton, NJ 08628.

Melvin G. Copas, 81, died April 7 in Lafayette. He worked at Purdue. Memorials: Riley Hospital for Children.

Thomas A. Hood, 84, died April 11 in West Lafayette. He was professor emeritus of building construction and contracting, having taught at Purdue from 1980 to 1991.

**Dorothy L. Henderson**, 97, died April 12 in Lafayette. She worked in staff benefits and payroll at Purdue.

**Wayne Cassel**, 86, died April 13 in Indianapolis. He worked at Purdue.

### On the Web

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