

# WSU TODAY

October 26, 2007

Washington State University Faculty, Staff and Graduate Student News

www.wsutoday.wsu.edu

## SMART MATERIAL OF THE FUTURE

# Light years beyond electronics

BY BECKY PHILLIPS  
WSU TODAY STAFF

*"There is beauty in particular equations. Something so simple and true is beautiful ..."*

— **Physicist Mark Kuzyk**

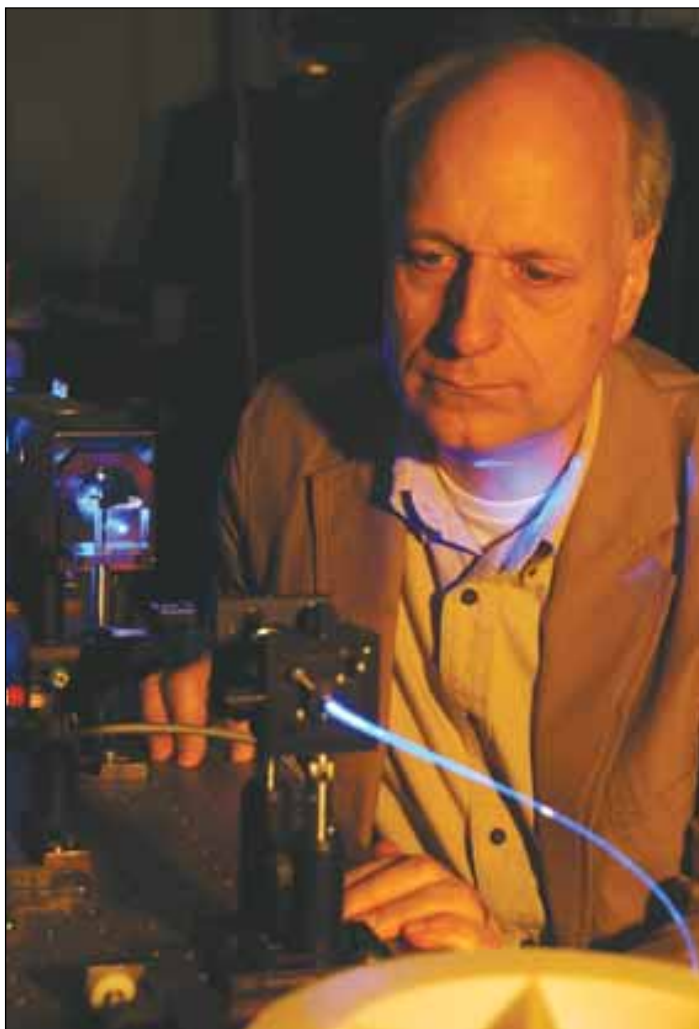
**T**urquoise lasers crisscross the black fabric workspace as **Mark Kuzyk** busies himself among cramped research benches. If you could see his thoughts, they might look like a blackboard full of equations — each one coming alive as explosions, flying rockets, supercomputers, or ... light-powered "smart material." A pioneer in the frontier of lasers and nonlinear optics, Kuzyk is proposing that "smart material" — a touch-sensitive network of polymer optical fibers — might someday have the ability to transform itself into nearly any object you could imagine.

As professor in the Department of Physics and Astronomy, Kuzyk leads the way in the futuristic field of polymer fiber optics with ideas for technologies that make today's electronic achievements look like the dark ages.

In his recent book, "Polymer Fiber Optics - Materials, Physics and Applications," Kuzyk details the use of light-powered transistors and "engines" that could exponentially increase the speed of data transmission as well as revolutionize medicine and industry.

### Nonlinear phenomena

Nonlinear optics is a merging of the worlds of quantum mechanics and optics — fields dealing with the relationship between



(Photo by Becky Phillips, WSU Today, with special thanks to Juefei Zhou, graduate student in physics)

### Wizard of light works magic in video

Teaching and research are one and the same to **Mark Kuzyk**. Using unpredictable and sometimes awe-inspiring classroom methods, he makes a complex subject like physics fun and motivates students to follow in his footsteps. A number of students have eventually become colleagues.

He is also a pioneer in the world of lasers and nonlinear optics — offering visionary, and sometimes "crazy to the rest of the world," ideas for future technologies. Catch a glimpse into the mind of Kuzyk — the man, the teacher, the scientist and the dreamer — in a video clip that accompanies this article **ONLINE @** [www.wsutoday.wsu.edu](http://www.wsutoday.wsu.edu).

electrons and photons, the particles that carry light. Researchers got their first

glimpse into this realm in the 1960s with the invention of the laser. It was

"It was bootleg research. It wasn't funded. I had to do it in my spare time."

found that when highly intense light was passed through a substance such as water or glass, the rays could change that material's "normal" refractive index (bending of light waves) — thereby acting in a "nonlinear" fashion. This discovery opened the door to a world of previously unknown phenomena such as the creation of new colors of light.

This is Kuzyk's kind of territory. His work with lasers has produced internationally acclaimed breakthroughs. Yet for the past 15 years, he has kept his work with smart materials on the back burner.

"It was bootleg research," he said. "It wasn't funded. I had to do it in my spare time."

Today, however, international interest is growing in the subject and he feels the time is right to renew his efforts.

### Photomechanical effects

Early fiber optic systems were composed of very fine, but brittle, threads of glass. Kuzyk and his team have created comparable plastic fibers which are not only more durable but also allow the high intensity light to be adjusted as it passes through. Using very thin strands of polymer

(See "Light," page 5)

## CONVERGENCE OF CHANGE

# Priorities, budgets, mergers, updates

AAU aspirations inform a variety of WSU initiatives

BY CYNTHIA KING  
WSU TODAY

WSU may be going back to the future. It is considering merging the College of Liberal Arts and the College of Sciences, 15 years after the original College of Sciences and Arts was split.

These discussions are occurring at the same time the university ponders refreshing its strategic plan and debates program priorities and budgets. And it's no coincidence they converge as WSU's new president **Elson S. Floyd** is hitting his stride.

"The president is here at an opportune time," said **Erich Lear**, dean of the College of Liberal Arts (CLA). "Many of these things have been discussed for the past three years. Now, the new president is saying, 'Let's quicken the pace.'"

(See "Change," page 8)

### Forum with Floyd Oct. 29

President **Elson S. Floyd** will present his third in a series of five question-and-answer forums for faculty and staff, 12:15-12:45 p.m. Monday, Oct. 29, in FSHN T-101. The session will be available live via videoconference to all WSU campuses and WECN sites.

The remaining forums will be:

- 8:30-9 a.m. Thursday, Nov. 15, Todd 404, videostream available later in the day.

- 5-5:30 p.m. Monday, Nov. 26, Todd 120, videostream available the following morning.

To view the videostreams, visit **ONLINE @** <http://experience.wsu.edu>.

## CFD SOUP KITCHEN

# Campus unites for lunch and charities

BY JESSICA FITTS  
WSU TODAY INTERN

WSU Spokane will be giving thanks while raising funds for the Combined Fund Drive at the second annual "Feed the Hungry Soup Kitchen" at 11:30 a.m. Wednesday, Nov. 7.

The potluck soup luncheon and silent auction were first held a year ago. The idea came up during discussions of possible CFD fundraisers.

"We decided to have it in November and focus it around giving thanks, so we decided to put together a

soup kitchen theme," said **Patti Peterson**, representative for the CFD on the Spokane campus and principal assistant for the WSU Spokane Office of Research.

### WSU SPOKANE

Faculty and staff bring crock pots of soup, Petersen said. Last year, more than 25 varieties were served. Contributions are judged and a "best soup" winner is announced.

Last year, the award went to **Greg Belenky**, director of the Sleep Research Institute. This year, award

(See "Soup," page 5)



Find the recipe for Greg Belenky's prize-winning borscht soup on page 5. (iStock photo)

## WSU NEWS BRIEFS

### New faculty seed grant deadline Feb. 15

New junior-level faculty are encouraged to submit proposals by Feb. 15 for new faculty seeds grants, sponsored by the Office of Research and the WSU Foundation.

The purpose of the program is to encourage development of research, scholarly or creative programs that provide the potential for sustained professional development and extramural support. Proposals are expected from a broad range of scholarly activities — sciences to the arts, leadership to design, and everything between.

Researchers, scholars and artists who have been appointed as assistant professors or equivalent no earlier than May 16, 2005, are considered new faculty and are encouraged to apply. Applicants who have been awarded external funding (excluding start-up funds) totaling more than \$100,000 since May 16, 2005, are not eligible. Applicants previously funded by this program will receive a lower priority, but will not be excluded from consideration.

For proposal details and more information, see **ONLINE** @ <http://www.ogrd.wsu.edu>.

### AP staff sought for various committees

Administrative professional employees periodically are sought to serve on committees. These might include university and presidential standing committees, search committees and ad hoc committees focused on special issues.

If you are an AP employee interested in serving, please contact Francis Benjamin at [benjamin@wsu.edu](mailto:benjamin@wsu.edu). Include your name, title, e-mail, phone number, department/unit and what committee(s) or issue(s) you are interested in.

### Nominate students for leadership program

You can help students hone leadership skills by nominating them to a new portfolio program, Project Lead, sponsored through Campus Involvement. The self-paced program helps students learn leadership and chronicle their learning and experiences.

Find an enrollment form **ONLINE** @ [www.campusinvolvement.wsu.edu/leadership/projectlead.html](http://www.campusinvolvement.wsu.edu/leadership/projectlead.html). Call coordinator Christian Busnardo at [cbusnardo@wsu.edu](mailto:cbusnardo@wsu.edu) or 335-5323 for more information.

### Employee commuter tickets available

Faculty and staff tickets for the Wheatland commuter buses are for sale at WSU, the UI and downtown Pullman.

A university ID card is required to purchase the tickets, which cost \$40 for 40 rides.

They are available at WSU parking services, UI parking services (645 W. Pullman Rd.) and the WSU visitor center in downtown Pullman.

For more information, see **ONLINE** @ [www.wsu.edu/parking/wheatland\\_express\\_update.html](http://www.wsu.edu/parking/wheatland_express_update.html).

### Nuclear center tours for faculty/staff

The WSU Nuclear Radiation Center will provide facility tours for faculty and staff on Monday and Tuesday, Nov. 19 and 20.

The center operates the only research nuclear reactor in Washington and one of only a small number nationwide.

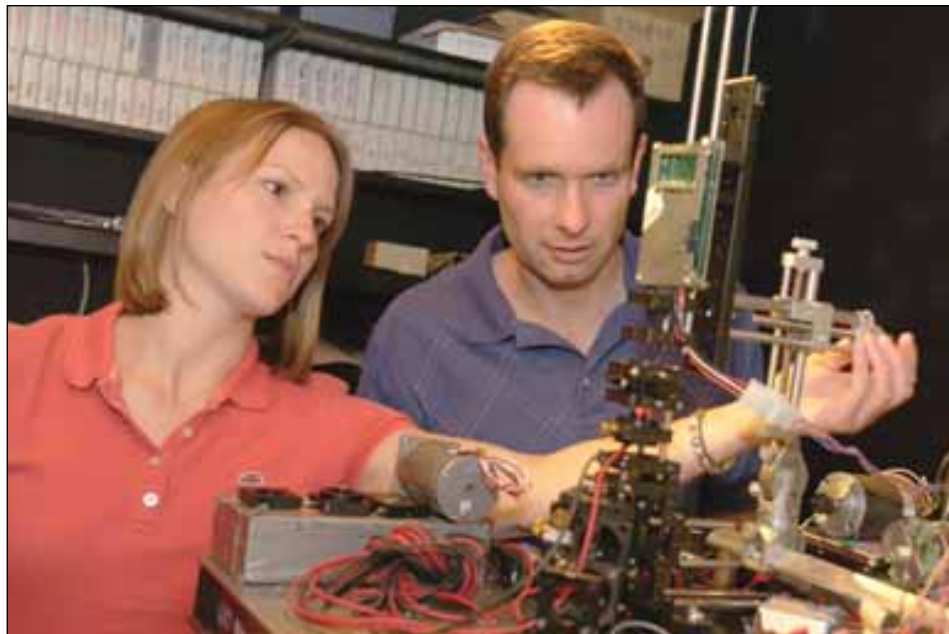
WSU colleagues are invited to see firsthand the generation of 1 million watts of energy and learn more about this teaching and research center.

Visit **ONLINE** @ [www.wsu.edu/nrc/](http://www.wsu.edu/nrc/) or phone 5-8641 to arrange a date and time for a visit.

### CFD drawing open to all

Each week the Combined Fund Drive holds a drawing for prizes donated by university units. You do not have to contribute to the CFD to be eligible to win.

To enter the drawing, visit **ONLINE** @ [www.wsu.edu/wsucfd](http://www.wsu.edu/wsucfd).



Matt McCluskey and a student work on a research project in the lab. (Photo by Shelly Hanks, WSU Photo Services)

### ENGAGING UNDERGRADS IN RESEARCH

## Collaborations, opportunities grow

BY BILL LONDON  
WSU TODAY

Undergraduate research experiences have been provided for decades by individual faculty members across WSU. To further enrich that effort for students and faculty, professor **David Bahr** is gathering together many of those programs and facilitating more summer and school-year opportunities.

"We brought together four independent programs for a summer research experience (in 2007)," said Bahr, director of undergraduate research in the Office of Undergraduate Education (OUE). "The result is a more vibrant community of scholars."

Faculty share skills and experience, arrange tours of labs and facilities, and share in conference and poster sessions.

Last summer's programs were led by seven faculty: Bahr and **Kip Findley**, me-

### Symposium set

An undergraduate research symposium will be Friday-Saturday, Nov. 9-10, on the WSU Pullman campus.

#### Friday:

8 a.m.-1 p.m. Presentations, Engineering Teaching/Research Lab 101.

1-3 p.m. Presentations, Smith CUE 518.

1-5 p.m. Poster presentations, Smith CUE atrium.

Students will accompany posters 3-5 p.m. Awards presented at 5 p.m.

#### Saturday:

9 a.m.-noon. Posters displayed at Smith CUE atrium.

chanical and materials engineering; **Behrooz Shirazi** and **Diane Cook**, electrical engineering and computer science; **Brian Lamb** and **Shelley Pressley**, atmospheric

ic research; and **Matthew McCluskey**, physics and astronomy. Another dozen faculty members participated. Bahr's involvement with undergraduate research began in 1998 when he established a Research Experience for Undergraduates program at WSU funded by the National Science Foundation (NSF). This program is ongoing.

The NSF also is funding the Cougar Undergraduate Research Experience, providing 20 freshmen in engineering with a week-long residency in the summer and mentoring during the fall semester of their sophomore year.

Another program for undergraduate researchers is offered by the new Grady and Lillie Auil Scholarship and Research Fund. The 12 students selected for these \$2,500 awards worked during summer under the mentorship of faculty from across WSU.

### YOU COULD WIN AN ULTIMATE TAILGATE PARTY!

Pass over your high-interest credit cards and rush to your WSECU Visa®. You could win one of three prize packages!

With 20 signature-based Visa transactions per month, you'll be entered to win\* an Ultimate Tailgate Party with a 46" LCD television, a 5-speaker surround system and a catered party for 10.

\*Winners will be determined through a random drawing of all entries received. Limit one prize per winner. Need not be present to win. No purchase necessary to win. WSECU employees and their families are not eligible. All winners will be notified by January 15, 2008. Winners must claim prizes by January 30, 2008. Entry periods are October 1 through October 31, 2007; November 1 through November 30, 2007; and December 1 through December 31, 2007. Gift tax or any other applicable taxes are the responsibility of the prize winner per IRS income code 50. Estimated value of each Ultimate Tailgate Party prize is \$2,500.00. Value of catered party for 10 not to exceed \$200.00.

## WSU TODAY

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## STAFF SPOTLIGHT

# Tracking spending; funding grad students

Staff Spotlight is an occasional series about WSU staff. If you have a suggestion of someone to be featured, please contact intern Jordy Byrd at [today1@wsu.edu](mailto:today1@wsu.edu).

BY JORDY BYRD  
WSU TODAY INTERN

The numbers that **Paul Weed** crunches affect WSU's fiscal reputation, as well as hundreds of grad students who receive funding.

Weed is a fiscal specialist who works jointly with the Office of Research and the Office of the Dean of the Graduate School.

"It's a good mix," Weed said.

His largest responsibility with research is maintaining expenditure receipts. An inbox on the left-hand side of his desk overflows with the many invoices Weed is responsible for every day.

"Invoices can be for anything from travel expense vouchers to conferences, cab rides, events, computer equipment or meeting related expenses," he said.

WSU keeps track of its spending very carefully.

"The tracking system is very in-depth," Weed said. "For example, the purchasing card monthly statements and reports are reviewed by the purchaser, myself and an unaffiliated third party who has signature authority on the accounts."

His hard work pays off in the end, when audit reports are published.

"Several (eight) years in a row,



Paul Weed outside the French Ad building on the Pullman campus. (Photo by Tom Haug, information systems coordinator in the Graduate School.)

WSU has had perfect audits," he said. "This is much better than our counterparts, for example, at the University of Washington."

Weed's primary responsibility with the graduate school is the appointment processing of all graduate student assistantships on campus.

"There are approximately 1,500 assistantships per semester," he said. "I pretty much do nothing but process assistantship forms two weeks before each semester begins and about a month-and-a-half after."

Depending upon departmental qualifications, Weed

determines whether or not a student receives an operating fee waiver or a qualified tuition reduction or a non-resident tuition waiver.

Weed knows what it's like to be a poor college student. He graduated from Western Washington University last December.

"You get some kind of satisfaction when you help someone who is working their way through college," he said. "I know that the quicker I process my job, the quicker these students can receive their assistantships and waivers."

## AWARDS & HONORS

If you or someone you know has received an honor, please e-mail the information to Cynthia King at [cynking@wsu.edu](mailto:cynking@wsu.edu).

• **Luke Fidge**, media tech senior at the learning center of WSU Extension in Walla Walla, is the first recipient of the new WSU Crimson Spirit Award. He was nominated by co-worker **Cynthia Selde**. The award honors employees who perform in an exemplary manner and make outstanding contributions to the university community in accordance with WSU's strategic goals and values.



Fidge

• The WSU Vancouver master's of business administration program rated 76 in the top 100 MBAs worldwide ranking by the Aspen Institute. Western Washington, the only other school in the state that achieved the honor, ranked 87. The Aspen Institute is an international nonprofit leadership organization. For additional information, see **ONLINE @** <http://www.beyondgreypinstripes.org/rankings/school.cfm?cid=551>.

• **Linda Garrelts MacLean**, clinical associate professor of pharmacy at WSU Spokane and chair of the Department of Pharmacotherapy, has been named "Faculty Liaison of the Year" by the National Community Pharmacists Association for her dedication to her students and to independent pharmacy.

• **Pete Jacoby**, associate dean of the College of Agricultural, Human and Natural Resource Sciences 2007, won the 2007 leadership award from WSU Environmental Health and Safety. Other honored employees included: **Patricia Ager, Robert Duncan, David Goose, Garry Johnson, Elizabeth Khosravi, Jeffrey Kuure, Timothy Leachman, Thomas Martin, Tammy McPherson, Norene Philipson, Jonathan Schad, Mark Schilling** and **Michael Sturko**.

• WSU's Materials and Resources Management unit has been awarded a 2007 Governor's Award for Pollution Prevention and Sustainable Practices. It recognizes accomplishments of WSU Central Stores, University Recycling, Surplus Stores and the Compost Facility in moving the state towards a more sustainable future.



Michael Franz, center, with those who honored him. (Photo courtesy of SBDC)

• **Michael Franz**, certified business adviser at the Washington Small Business Development Center, has been named the center's 2007 State Star for his performance, contribution and strong commitment to small business in Seattle. WSU is a partner in the public-private network of 1,000 centers nationwide.

## Grant fuels fatty acid research

A team led by WSU's **John Browse**, Regent's professor in the Institute of Biological Chemistry, has been awarded a four-year, \$4.6 million grant from the National Science Foundation (NSF). The grant supports ongoing research using biochemical genomics to identify biosynthesis pathways that produce novel fatty acids in oilseeds.

The types and respective quantities of fatty acids in vegetable oils have a direct impact on the fuel properties of biodiesel. The basic knowledge from this project is intended to enable the design of a new generation of specialty crops that will become the "green factories"

of the future, providing for the production of industrial lubricants, solvent oils and biodiesel.

"It's exciting to see research involving biologists and mathematicians, computer scientists and engineers, all working to address major unanswered questions in plant biology," said James Collins, NSF assistant director for biological sciences.

The award was one of 26 new grants made by the NSF totaling \$85.5 million in the 10th year of its Plant Genome Research Project.

Find more **ONLINE @** [www.greencarcongress.com/2007/10/nsf-awards-geno.html](http://www.greencarcongress.com/2007/10/nsf-awards-geno.html).

## HEPPS BECOMES DEPPS

# Security push creates new personnel, payroll system

BY JERRY GORDON  
INFORMATION SYSTEMS

To further secure data held in central university administrative systems, Information Technology Services on Nov. 1 will launch the Departmental Personnel and Payroll System (DEPPS). Employees who have access to the Higher Education Personnel and Payroll System (HEPPS) automatically will receive access to DEPPS.

Employees will have access

to both HEPPS and DEPPS Nov. 1-30. But HEPPS access will be terminated Dec. 1. The only exceptions will be for central university offices, such as Human Resource Services and Payroll, that have a demonstrated need for HEPPS access.

DEPPS is similar to HEPPS and will contain many of the same queries and conversations. However, access to confidential information, including Social Security numbers,

race/ethnic codes and disability codes, is restricted in DEPPS.

### What this means

No training in DEPPS will be required. Starting Nov. 1, people who log into HEPPS will see DEPPS on the login screen. WSU ID numbers will be used in place of Social Security numbers.

All conversations to which HEPPS users previously had access (e.g. PEARCERT, DEPT-

PAY, QRYEMP) will remain the same.

Those requiring access to restricted confidential data in DEPPS will need to complete an AIS access request form, indicating the particular need for this information in the comments section, and forward the request through the normal approval channels.

Those who must maintain access to HEPPS — because they work in a central univer-

sity office and are responsible for the input of data into these systems — will need to reauthorize their HEPPS access. They also must complete an AIS access request form before Nov. 30, indicating their particular needs in the comments section, and route it through the normal approval channels.

For more information, contact Vicky Murray, 335-7507 or [vmurray@wsu.edu](mailto:vmurray@wsu.edu), or Jay Maylor, 335-7097 or [jay@wsu.edu](mailto:jay@wsu.edu).

## VIEWPOINT

# Why Pullman architecture should matter to WSU

Viewpoint is a new feature of WSU Today where faculty, staff and grad student readers are invited to share their opinions about issues of importance and impact to WSU.

BY AYAD RAHMANI  
SCHOOL OF ARCHITECTURE  
AND CONSTRUCTION MANAGEMENT

It should come as no surprise when I say that Pullman has no architecture. Yes, it has buildings — even new ones — but it has none that recognize that behind bricks and stone, glass and steel, there

is not only the need to accommodate a function but the responsibility to advance a culture.

This is not the place to enter into a full discussion as to the differences between buildings and architecture. But let me say that while buildings aim to satisfy an immediate, often strictly commercial aim, the product of architecture is at once practical and symbolic, functional but also a challenge to its audience to think of its position in the world.

### Linked together

This would not be a cause for concern if Pullman were not inextricably linked

with WSU — an institution whose statements are riddled with mention of the global, the worldly, the diverse. WSU's claims to "world-class" status, while true, ultimately ring hollow because the reality finds no match with those statements. World-class ambitions cannot be met with low-class ideas. High-class faculty will refuse to live in scattered and inconsequential buildings.

For example, a quick drive along Grand Avenue shows little beyond gas stations and neglected farm buildings to grace what should be a proud piece of civic ground.

### Suburban waste

The new housing stock in Pullman sadly represents the worst of the effects of a market economy; it has neither respect for art or the environment — or for that matter the fact that within a short walk there is an architecture school with graduates who have gone on to change the world.

Rather than taking clues from cities such as Portland and Seattle — whose architects and developers have joined forces to create a denser and more community friendly environment — Pullman developers have made more suburbs. These offensive McMansions, with garages looking onto the streets, use materials and planning that are highly wasteful and unsustainable.

Rather than building inward and promoting walking and bicycling, these suburbs force those who live in them to use their cars. And rather than building with materials that have a low-carbon footprint and reflect an inventive approach to scarcity, these same suburbs persist with a cookie-cutter mentality.

### What faculty want

At the end of the day, world-class faculty do not seek a university because of better labs and equipment. A faculty member wants a place where he or she can gather and talk about ideas, walk and enjoy a discussion against a backdrop of an exciting physical environment. A worldly faculty member wants to be proud of his or her choice of place, not making apologies to those who visit and — more important, to those who come seeking faculty positions and for whose worldly talents the university may be desperately competing.

Unfortunately, the situation has reached a crisis level; I don't think we can afford any more to rely on the lonely attribute that our place affords good fishing to appeal to and attract worldly faculty.

### University must lead

The university also cannot rely on the town to resolve this problem; the town is too bogged down in trying to increase tax revenues to worry about the role of architecture in improving matters. The university must lead the way in not only improving its own grounds but in transforming the town.

We should start with reclaiming the hideous

stretch on Grand, perhaps using the cause of student housing to do so. Other departments, or parts of departments, could later follow, especially those whose curricula could benefit from direct access with the town, including architecture.

And insofar as the housing stock is concerned, the university must at least engage in a serious debate with the developers, perhaps forging a public-private relationship with them.

### Some examples

At least since the 1950s and 60s, universities across the country have looked to the immediate surrounding community as a way of gaining a competitive edge. The University of Chicago, for instance, realized that the blighted area surrounding its campus had kept many high-quality faculty away. To remedy the situation, the university purchased \$30 million worth of land around its campus and worked with that community to beautify and make safe the area.

More recently, Marquette University in Milwaukee found itself with declining enrollment and faculty attrition due to a reputation for marginal grounds and a lifeless, unsafe surrounding context. In the course of a decade or two, the university embarked on an aggressive project to transform its grounds and forged an ambitious relationship with its surrounding neighborhood — including supporting functions that were not directly related to the university but were necessary to building a community.

Today Marquette is the envy of faculty and students. Since its transformation, it has raised admission standards and improved faculty retention.

Similar examples can be found elsewhere: Princeton University, N.J.; Trinity College, Hartford, Conn.; and Arizona State, for example. The ASU president recently stated that his university was "not going to [remain] a place ...but a force" in the evolution of the Phoenix region.

### Fooling ourselves

Unless WSU acts on these issues soon, I am afraid that we will continue to fool ourselves about world-class achievements and talk about excellence that our physical surroundings just don't support.

*Ayad Rahmani is a registered architect, author and associate professor in the School of Architecture and Construction Management. He has been at WSU since 1996, teaching architectural design, theory and criticism.*

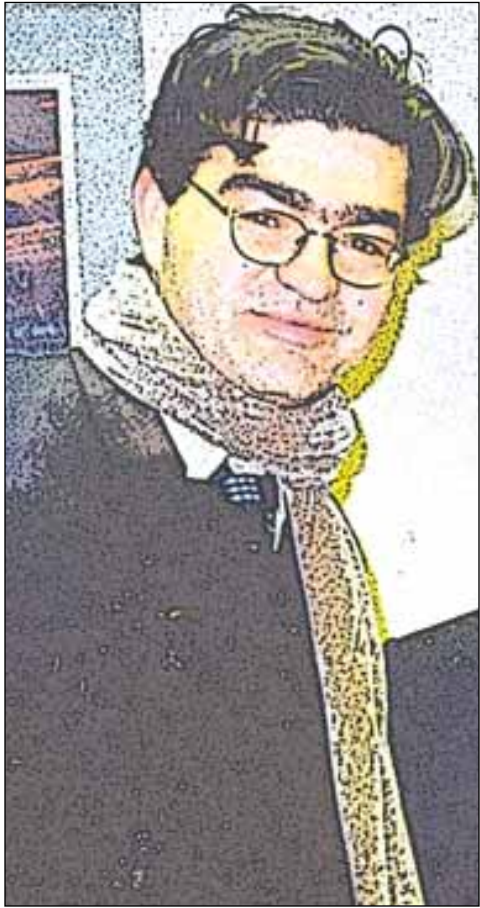


Photo illustration of Ayad Rahmani.

## WSU explores hotel/conference center

Now that golf course is in the works, developers have been invited to submit qualifications by Nov. 1

BY HOPE TINNEY  
WSU TODAY

WSU is looking for a private development company to partner with the university to design, build and operate a hotel and conference center on the Pullman campus.

According to a report by WSU's School of Economic Sciences, a wired lecture hall or amphitheater, smaller breakout rooms, convenient dining and comfortable rooms — the basics of most conference centers — would allow Pullman to host hundreds of conferences and annual meetings that are now lost to more urban areas.

"We are talking about bringing in another level of activity that we don't have now," said **Gerald Schlatter**, associate vice president of Capital Planning and Development.

### No facility

There is no facility in Pullman that works well for a two- or three-day conference with 50

to 200 people, he said. Beyond that, a campus hotel with a restaurant would provide another social venue — a meeting place for alumni, visiting scholars and local residents, he said.

Unlike a typical setting for a conference center, Pullman presents some challenges, such as its remote location. But it also has some advantages, such as a home constituency that attends and plans hundreds of conferences each year. WSU's Hospitality and Business Management program could both bolster and benefit from the hotel/conference center, Schlatter said.

"I can see some interesting things evolving from this," he said. But, to find a solution that works for Pullman, developers are going to have to "think outside the box."

Interested development companies are being invited to submit a listing of their qualifications by Nov. 1, but the deadline could be extended if necessary.

Unlike a request for design proposals, this request is an attempt to identify two or three development companies with the necessary experience in university-based hotel and conference center management to put together a financially viable plan for a self-supporting or profit-generating facility.

"All we are looking for is their qualifications," Schlatter said. Once two or three well-qualified companies have been identified, they will be asked to present specific proposals.

"The challenge is, you don't want to do something like this and have it fail financially," he said.

### Companies invited

The parameters of the proposal are that WSU wants a conference center that can accommodate groups of up to 200 people, with both a large amphitheater for multi-media presentations and breakout rooms for smaller gatherings. A full-service restaurant would be part of the plan, and

the hotel portion of the project would serve both overnight guests and extended-stay visitors. The project description does not include a specific number of rooms, preferring to see what the development company recommends.

### Possible site

The suggested building site is north of the Student Recreation Center, along North Fairway Drive, but Schlatter said other sites could be considered as well. WSU will maintain ownership of the land, he said, but could provide the development company with a ground lease.

WSU has been considering a hotel/conference center for a long time. Two feasibility reports were conducted in 2002, including the survey by the School of Economic Sciences. But, Schlatter said, the missing piece was the new golf course. Without a golf course, he said, it is very difficult to attract large groups for multi-day conferences.

## Regents OK building projects

Johnnetta Cole, whose academic career took her from WSU to the presidencies of Spelman College and Bennett College, will receive an honorary doctoral degree from WSU during winter commencement ceremonies, where she also will give the address.

The Board of Regents approved the honor Oct. 19 in Pullman.

The board also approved two construction projects for the central area of the Pullman campus: extending Terrell Mall by turning Wilson Road from Troy Lane into a pedestrian mall and continuing improvements on Library Road, which runs perpendicular to the west end of Terrell Mall.

The regents also gave the go-ahead for design and construction of an \$11.5 million chilled water and electrical distribution system for the Pullman campus.

# Rare disease linked to speech disorder

## Professor melds research, teaching

BY JUDITH VAN DONGEN  
WSU SPOKANE

Five weeks, 19 stops in 12 states — lugging 140 pounds of equipment.

No, it's not the life of a pop musician. It's how **Nancy Potter**, assistant professor of speech and hearing sciences, spent last summer. She was doing **WSU SPOKANE** research on communication disorders in children with galactosemia, a rare disorder that affects one in 53,000 people in the United States.

Galactosemia is a genetic disease that is detected during newborn screening and is fatal if left undiagnosed. Children who have galactosemia are unable to tolerate lactose, a complex sugar consisting of glucose and galactose.

"You and I can change glucose into galactose and galactose into glucose to adjust to our bodies' needs," Potter said. "What happens to children with galactosemia is that their bodies can

change glucose into galactose, but they have difficulty using the galactose and changing the excess back into glucose. So galactose builds up in their bodies, becoming toxic to them."

### NIH support

Potter is interested in these children because more than half of them have speech disorders, typically diagnosed as apraxia (the inability to plan and program mouth and tongue movements needed for speech). Supported by National Institutes of Health funding, she has tested 33 children across the nation using a three-hour battery of speech, language, cognitive and motor tests.

The goal of Potter's study is to examine markers of apraxia and determine the nature and relationship of co-occurring speech, language and motor disorders in children who have classic galactosemia.

Although not all data have been analyzed, data from a



Nancy Potter and a grad student work with a child. (Photo by Robert Hubner, WSU Photo Services)

pilot study she conducted in 2005 suggest that the risk of language disorders occurring together with speech disorders may be up to five times greater in galactosemic children than in children whose speech disorders are of unknown origin. She also discovered that individual

children with galactosemia have very different patterns of significant speech, language and motor impairments.

### Expertise and teaching

Potter has become an expert on communication disorders in children with galactosemia

— a big frog in a very small pond, as she laughingly puts it. Her expertise has been sought by parents of children with galactosemia from around the world, and she regularly consults with school districts and speech-language pathologists across the nation.

Her involvement in this highly specialized area also is providing unique opportunities for graduate students in the Department of Speech and Hearing Sciences at WSU Spokane. Last June, students assisted Potter in testing a control population — 70 children from the Newport School District — that will be used as a basis for comparison in the apraxia studies.

She has students helping her analyze data from her galactosemia study, as well doing their own research projects based on the data she gathered. Students in the language disorder classes taught by colleague **Jeanne Johnson** have analyzed speech samples from children tested by Potter.

"These are great examples of motor speech disorders that may occur in children due to a number of causes," Potter said. "The children I've studied and their parents have been gracious in permitting us to use the audio and video footage as a valuable learning tool for our students."

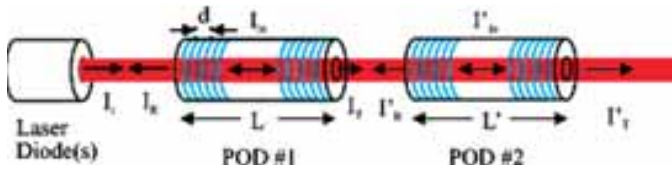
## Light ...

(Continued from page 1)

plastic, light can be conducted for a multitude of applications such as telecommunications and Internet connections.

Going a step further, Kuzyk and his team took short plastic fibers and embedded tiny reflectors into each end. When laser light is introduced into the fiber, it bounces back and forth between the reflectors creating feedback that causes changes in the length of the fiber. At a certain point, the fiber can resist further changes and, in essence, also becomes an optical "transistor." Kuzyk calls these discreet fiber units photomechanical optical devices, or PODs.

"Just as an electronic transistor controls the flow of electrons," he explained, "the POD 'transistor' can control the flow of photons. (see diagram below — Two PODs).



And PODs produce what are known as photomechanical effects — or light-induced changes in the mechanical properties of a material.

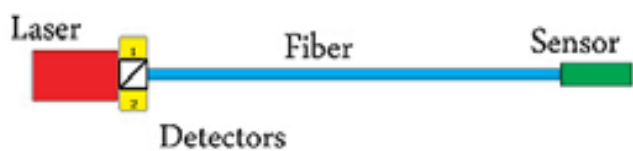
"For example, depending on its intensity and character, light can soften a material, change its density or cause it to bend," said Kuzyk.

### Beyond electronics

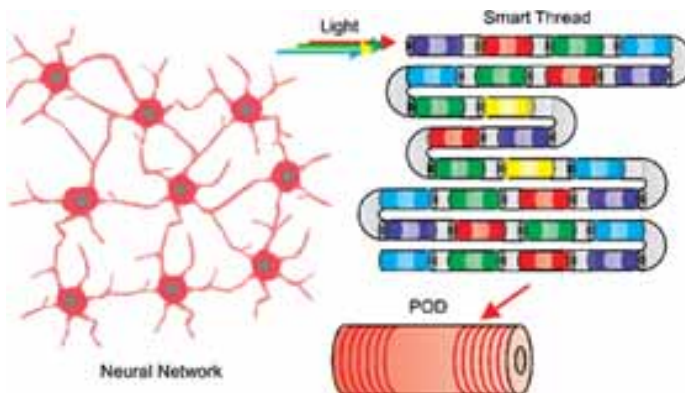
In electronics, the power of transistors is greatly multiplied by combining them to create integrated circuits. Yet the electricity must still pass through each transistor serially — step by step.

"With PODs, a light beam can pass through an entire network of fibers at once — and then selectively activate individual PODs," Kuzyk said.

In addition, the length of the fibers can be changed by simply touching them — allowing them to become actuators or tiny engines. They can also function as sensors, able to measure the amount of light passing through them in response to the force of touch being applied.



"This makes each fiber very 'smart' compared to electronic transistors," said Kuzyk. (See diagram above — Sensor) Such a collection of smart fibers could form the founda-



tion for a number of future applications — such as "quiet" wallpaper that adjusts itself to suppress sound, or airplane wings that "know" how to handle turbulence during flight. Devices made of such material could be voice- or touch-activated. Portable laser "batteries" could power individual gadgets.

### Better than a hologram

Peering more deeply into the future, Kuzyk said that "by connecting many smart fibers together and then burning mirrors into them, you create devices able to reflect and be activated by specific colors of light. All of the POD units activated by red light, for example, could communicate exclusively and instantaneously." (See diagram above — Neural Network)

Simply touching such a device would alter the light intensity in all the other devices tuned to that color. The net effect, said Kuzyk, is that one touch can change the length and shape of the entire fiber network. By pressing in one spot, it may become a helix. In another, it may form a rod.

"This is the basis for making a bulk 'smart material' that could change form completely," he said. "It could be an all-purpose object with the ability to morph into a chair or iPod or camera. Instead of talking to your uncle on the east coast on a videophone or by hologram, you could have an actual 3-D 'body' of him sitting right there in your living room that you could interact with."

Compared to a brain, which is built on interconnections between neighboring neurons, smart material would link every fiber device simultaneously.

"The level of intelligence could be much greater than the human brain is capable of," he said. "But these are very far out applications — maybe 30 years down the road ... or never. We are just looking at the fundamental building blocks for these kinds of materials right now."

For more information on Kuzyk's work, see **ONLINE @**  
 • <http://www.physics.wsu.edu/Personnel/faculty/kuzyk.html>  
 • <http://washington-state-magazine.wsu.edu/stories/2006/May/kuzyk.html>  
 • <http://wsunews.wsu.edu/detail.asp?StoryID=6216>  
 • <http://wsunews.wsu.edu/detail.asp?StoryID=6428>

## Soup ...

(Continued from page 1)

categories have expanded to include best soup, best bread and best homemade cookie.

Various departments create and donate baskets for the silent auction. Proceeds go to the purchaser's charity of choice.

"Last year we had some really creative baskets," Petersen said. One example was the Gilligan's Island Basket that included all the ingredients to make a Caribbean dinner — and a Gilligan costume.

"This event is just one way for us to campaign for the CFD," Petersen said. "It is a fun time for us all to get together and promote awareness for the CFD."

Last year the event raised roughly \$1,700 that went to various CFD charities, Petersen said.

"We would like to surpass that every year."

### Borscht a la Belenky

(aka real Ukrainian borscht)

- 2 lbs. cubed beef
- 2 heads cabbage, sliced and diced
- 4 Idaho potatoes, peeled and cubed
- 1 large or 3 regular cans whole tomatoes
- 2 bay leaves
- White vinegar to taste (usually about 1/8 cup for a large pot)
- 3 regular cans sliced or julienned beets

Put all but beets in a large pot or crock pot; add water to cover; boil, cover and simmer until ingredients soften (about 4 hours).

Stop simmering, then add beets (their purple color will be lost if boiled).

Refrigerate overnight (or freeze) to blend flavors.

Serve HOT with a dollop of sour cream or 1/2 cup cooked kasha (buckwheat groats) per bowl.

# What's Happening

PERFORMANCES/LECTURES/ART/MUSIC/EVENTS/CLASSES

October 26 – November 9

## Exhibits

**Neighbors who disappeared**, exhibit by Czech school children of Jewish families who vanished during World War II, through Nov. 21, Holland and Terrell Libraries.

**Quilts by Ann Johnston**, through Nov. 28, Administration Building gallery, WSU Vancouver. Hours 8 a.m.-9 p.m. Monday-Thursday and 8 a.m.-5 p.m. Friday.

**Photos by student Jian Tie Yang**, through November, WSU Vancouver library. Hours 8 a.m.-10 p.m. Monday-Thursday, 8 a.m.-6 p.m. Friday, 10 a.m.-7 p.m. Saturday-Sunday.

**Student classes painting and sculpture**, Nov. 9-Dec. 7, WSU Pullman Fine Arts Building Gallery 2.

**Postcard project**, through Dec. 7, facing your fears, WSU community members will get to make cards, which will be displayed around campus, part of CUB Gallery on the move, **ONLINE** @ [www.campusinvolvement.wsu.edu/arts/CUBgallery.html](http://www.campusinvolvement.wsu.edu/arts/CUBgallery.html).

## Conferences

**WSU sustainability forum**, Oct. 25-26, details **ONLINE** @ <http://css.wsu.edu/sustainability>.

**Developing faculty teams** to seek funding for National Science Foundation projects, Nov. 13-14. Register **ONLINE** @ [www.cereo.wsu.edu](http://www.cereo.wsu.edu).

## Friday, Oct. 26

**Women's rowing**, beginning 9:30 a.m., Wawawai landing.

**WSU fruit sale**, 11 a.m.-6 p.m., Tukey orchard. See **ONLINE** @ <http://hortla.wsu.edu/orchard>.

**Environment, culture and the Bible**, author Daniel Hillel, noon, College 125, part of the fifth annual Gaylon Campbell Lectures in Environmental Soil and Water Science.

**Soccer** vs. Oregon, 2 p.m., lower soccer field.

**Titus Andronicus**, Shakespeare's bloody drama, rated R, 8 p.m., Daggy Hall, ticket range free to \$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

## Saturday, Oct. 27

**WSU fruit sale**, 10 a.m.-4 p.m., Tukey orchard. See **ONLINE** @ <http://hortla.wsu.edu/orchard>.

**Football** vs. UCLA, 3:30 p.m., Martin Stadium.

**Swimming** vs. San Jose State, 5 p.m., Gibb pool.

**Titus Andronicus**, rated R, 8 p.m., Daggy Hall, ticket range free to \$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

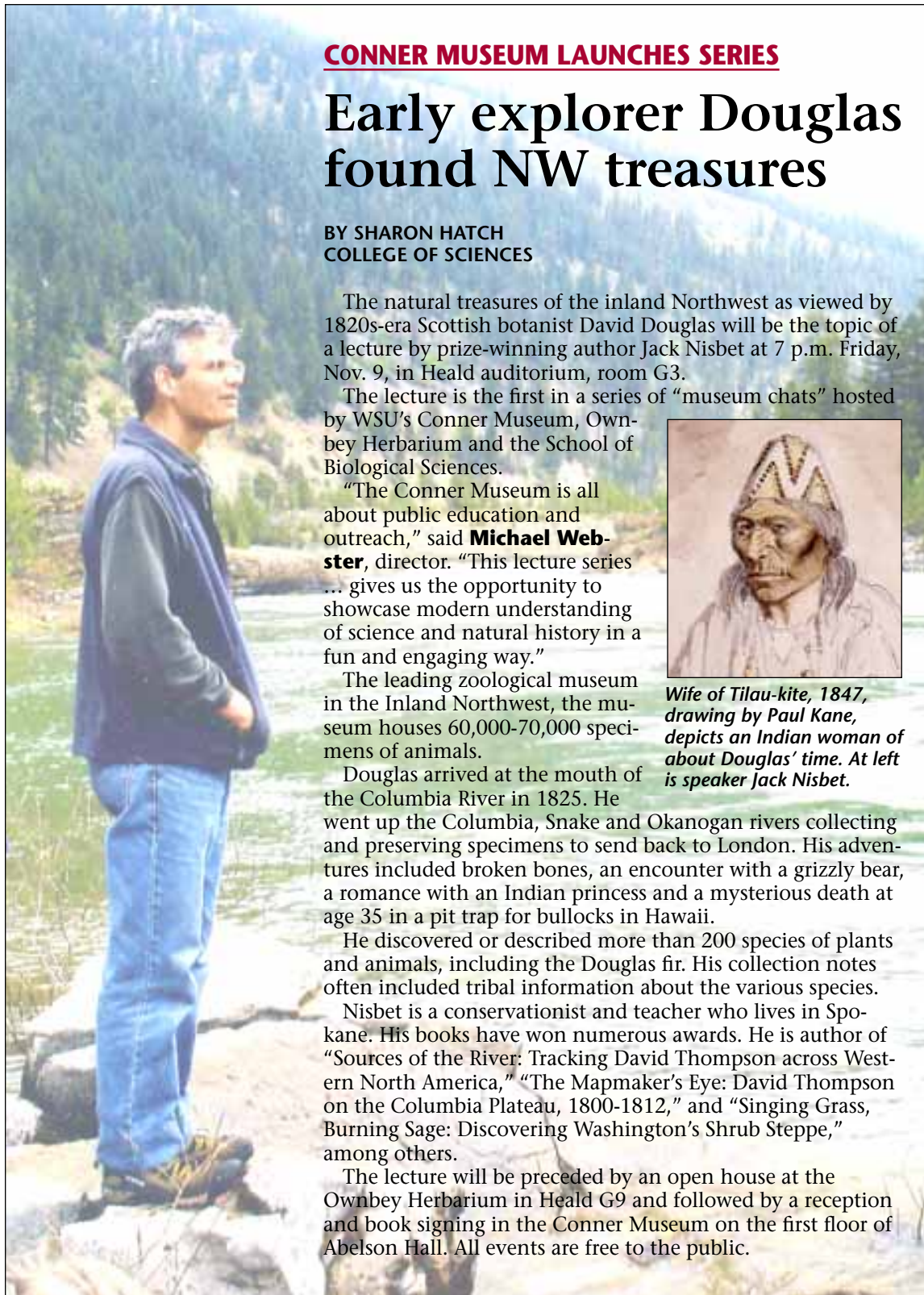
## Sunday, Oct. 28

**Soccer** vs. Oregon State, noon, lower soccer field.

**L'histoire DuSoldat**, 3 p.m., Bryan Theater, part of music faculty artist series, \$5-\$10, phone 335-3898.

## Monday, Oct. 29

**President's forum**, 12:15-12:45 p.m., FSHN T-101 and WECN.



## CONNER MUSEUM LAUNCHES SERIES

### Early explorer Douglas found NW treasures

BY SHARON HATCH  
COLLEGE OF SCIENCES

The natural treasures of the inland Northwest as viewed by 1820s-era Scottish botanist David Douglas will be the topic of a lecture by prize-winning author Jack Nisbet at 7 p.m. Friday, Nov. 9, in Heald auditorium, room G3.

The lecture is the first in a series of "museum chats" hosted by WSU's Conner Museum, Ownbey Herbarium and the School of Biological Sciences.

"The Conner Museum is all about public education and outreach," said **Michael Webster**, director. "This lecture series ... gives us the opportunity to showcase modern understanding of science and natural history in a fun and engaging way."

The leading zoological museum in the Inland Northwest, the museum houses 60,000-70,000 specimens of animals.

Douglas arrived at the mouth of the Columbia River in 1825. He went up the Columbia, Snake and Okanogan rivers collecting and preserving specimens to send back to London. His adventures included broken bones, an encounter with a grizzly bear, a romance with an Indian princess and a mysterious death at age 35 in a pit trap for bullocks in Hawaii.

He discovered or described more than 200 species of plants and animals, including the Douglas fir. His collection notes often included tribal information about the various species.

Nisbet is a conservationist and teacher who lives in Spokane. His books have won numerous awards. He is author of "Sources of the River: Tracking David Thompson across Western North America," "The Mapmaker's Eye: David Thompson on the Columbia Plateau, 1800-1812," and "Singing Grass, Burning Sage: Discovering Washington's Shrub Steppe," among others.

The lecture will be preceded by an open house at the Ownbey Herbarium in Heald G9 and followed by a reception and book signing in the Conner Museum on the first floor of Abelson Hall. All events are free to the public.



*Wife of Tilau-kite, 1847, drawing by Paul Kane, depicts an Indian woman of about Douglas' time. At left is speaker Jack Nisbet.*

**Gender and roots of war**, author Allan Johnson, 7 p.m., Smith CUE 203.

## Tuesday, Oct. 30

**Pullman benefits fair**, noon-3 p.m., second floor Lighty.

**Biosafety**, part of Office of Research Faculty Development Series, noon, Neill 416 and regional campuses. Register **ONLINE** @ [www.ogrd.wsu.edu/workshops.asp](http://www.ogrd.wsu.edu/workshops.asp).

**China energy, economy, security** lecture, David Fridley, Lawrence Berkeley National Lab, 7:10 p.m., Smith CUE 202.

## Wednesday, Oct. 31

**Mysteries of getting published**, LeRoy Ashby, part of history series, noon, Murrow 55.

**Titus Andronicus**, rated R, 8 p.m., Daggy Hall, ticket range free to \$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

## Thursday, Nov. 1

**Comic strip art**, Paul Briens, WSU English, noon, Bundy Reading Room, Avery Hall.

**Annual Maughmer Freedom Philosophy** lecture, Georganne C. Proctor, TIAA-CREF, 4:30 p.m., Smith CUE 203, sponsored by College of Business.

**Titus Andronicus**, rated R, 8 p.m., Daggy Hall, ticket range free to \$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

## Friday, Nov. 2

**WSU fruit sale**, 11 a.m.-6 p.m., Tukey orchard. See **ONLINE** @ <http://hortla.wsu.edu/orchard>.

**Swimming**, invitational, 5 p.m., Gibb pool.

**Women's basketball** vs. Southern Oregon, 7 p.m., Beasley coliseum, tickets 800-GO-COUGS.

**Titus Andronicus**, rated R, 8 p.m., Daggy Hall, ticket range free to \$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

## Saturday, Nov. 3

**WSU fruit sale**, 10 a.m.-4 p.m., Tukey orchard. See **ONLINE** @ <http://hortla.wsu.edu/orchard>.

**Swimming**, invitational, 11 a.m., Gibb pool.

**Titus Andronicus**, rated R, 8 p.m., Daggy Hall, ticket range free to

## Deadline Nov. 2 to 'bowl for a cure'

Departments and offices that want to form a team to bowl in support of cancer research have until Nov. 2 to register.

"Bowling for a Cure" will be Dec. 2 at Zeppoz in Pullman. Proceeds will go to the WSU Cancer Prevention and Research Center.

The cost is \$10 per participant, which includes one game of bowling and a T-shirt. Register **ONLINE** @ [www.wsu.edu/GreekLife](http://www.wsu.edu/GreekLife).

WSU Spokane.

**Academic social bookmarking**, Lorena O'English, part of history series, noon, Murrow 55.

**First Wednesday** social gathering, 4:30 p.m., Museum of Art/WSU.

**Vagina Monologues auditions**, 6-8 p.m., Wilson 6.

**Epidemics and indigenous people**, Heidi Wilkins, Lewis Clark State College, 6:30 p.m., Honors lounge, WSU Plateau Center for American Indian Studies.

## Thursday, Nov. 8

**Faculty performance reviews**, 7:30 a.m., Murrow 55 and regional campuses, part of chairs and directors series.

**Administrative professional** advisory council monthly meeting, 1:30 p.m., Murrow 53 and regional campuses.

**Publication/responsible authorship**, Faculty Development Series, 3 p.m., Neill 416 and regional campuses. Register **ONLINE** @ [www.ogrd.wsu.edu/workshops.asp](http://www.ogrd.wsu.edu/workshops.asp).

**Faculty senate** meeting, 3:30 p.m., FSHN T101 and regional campuses.

**Holidays and wine**, 6:30-8:30 p.m., WSU Tri-Cities Consolidated Information center 216, Washington geologic history and wine, \$25, register **ONLINE** @ [www.tricity.wsu.edu/wine](http://www.tricity.wsu.edu/wine).

**Volleyball** vs. California, 7 p.m., Bohler gym, tickets 800-GO-COUGS.

**Lecture by WSU writer** Peter Chilson, 7 p.m., Museum of Art/WSU, part of English department series.

## Friday, Nov. 9

**Dad's weekend events, ONLINE** @ [www.football-weekends.wsu.edu/week4.aspx](http://www.football-weekends.wsu.edu/week4.aspx) and [www.campusinvolvement.wsu.edu/dadsweekend/calendar.html](http://www.campusinvolvement.wsu.edu/dadsweekend/calendar.html).

**Undergraduate research** symposium, 8 a.m.-5 p.m., WSU Pullman, see article in this edition.

**WSU fruit sale**, 11 a.m.-6 p.m., Tukey orchard, Airport Road. See **ONLINE** @ <http://hortla.wsu.edu/orchard>.

**Soccer** vs. UCLA, 1 p.m., lower soccer field.

**Women's basketball** vs. Portland, 4 p.m., Beasley coliseum, tickets 800-GO-COUGS.

**Brewfest beer-tasting** fundraiser for hospitality business student club Sigma Iota, 5-7 p.m. and 8-10 p.m., Schweitzer Event Center, Pullman, tickets \$30 at the door and **ONLINE** @ [www.brewfest.wsu.edu](http://www.brewfest.wsu.edu).

**Auction fundraiser** for student advertising team to compete, 5:30 p.m., Communication Addition lobby, tickets \$5 at the door.

**Student art reception**, 6-8 p.m., Gallery 2, Fine Arts 5072.

**Men's basketball** vs. Eastern Washington, 6:30 p.m., Beasley coliseum, tickets 800-GO-COUGS.

**Natural treasures** of the inland Northwest, author Jack Nisbet, 7 p.m. Heald auditorium G3.

**Vocal extravaganza** music fundraiser, 8 p.m., Bryan Theater, tickets \$5-\$10 at the door.

**Volleyball** vs. Stanford, 8:30 p.m., Bohler gym, tickets 800-GO-COUGS. **Soccer** vs. USC, noon, lower soccer field.

\$10, reservations 335-7236 or e-mail [reservations@wsu.edu](mailto:reservations@wsu.edu).

## Sunday, Nov. 4

**Reluctant Dragon**, Beasley family series, 2 p.m., Bryan theater, tickets \$4-\$6, phone 335-1514.

## Monday, Nov. 5

**Women's basketball** vs. Alaska-Anchorage, 7 p.m., Beasley coliseum, tickets 800-GO-COUGS.

## Tuesday, Nov. 6

**Animal welfare**, Faculty Development Series, noon, Neill 416 and regional campuses. Register **ONLINE** @ [www.ogrd.wsu.edu/workshops.asp](http://www.ogrd.wsu.edu/workshops.asp).

**Vagina Monologues auditions**, 6-8 p.m., Wilson 6.

**"Flu" book author** Gina Kolata, 7 p.m., Beasley coliseum.

## Wednesday, Nov. 7

**Soup kitchen potluck auction** CFD fundraiser, 11:30 a.m.,



## Facing your fears

The CUB Gallery on the move is hosting a postcard project through Dec. 7. WSU community members are invited to make cards, which will be displayed around campus, depicting things they fear. Find more **ONLINE** @ [www.campusinvolvement.wsu.edu/arts/CUBgallery.html](http://www.campusinvolvement.wsu.edu/arts/CUBgallery.html). (Photos by Ben Herndon, WSU Today intern)



## Upcoming lectures look at environment, business

• "Managing for Financial Flexibility" is the topic of the Maughmer Freedom Philosophy lecture by Georganne C. Proctor, CFO of TIAA-CREF, at 4:30 p.m. Thursday, Nov. 1, in Smith CUE 203.

Alumnus Geoff and Florence Maughmer created the lecture series through an estate gift to the College of Business in 1993. They were proponents of a free, fair and open economy and founded the annual lecture to educate students about the importance of a free and open exchange of ideas and capital to American innovation and growth.

• Daniel Hillel, an international authority on sustainable management of soil and water resources and author, will present the fifth annual Gaylon Campbell Lecture in Environmental Soil and Water Science at noon Friday, Oct. 26 in College 125.

He will discuss the historical evolution of culture as shaped by the environment, focusing on the ancient Fertile Crescent as reflected in archaeological and written records. A reception and book signing will immediately follow in the Museum of Anthropology.

The lecture was created to help further understanding of environmental soil science. It is named for Gaylon Campbell, who spent nearly 30 years as a professor of environmental biophysics and soil physics in WSU's crop and soil sciences department.

The lectures are presented jointly by the Department of Crop and Soil Sciences, the Center for Environmental Research, Education and Outreach (CEREO), the Department of Anthropology, and in conjunction with the 2007 WSU Sustainability Fair.

• Jay Ham, professor of Agronomy at Kansas State University, will speak on addressing challenging problems in air quality research at 3:10 p.m. Monday, Oct. 29, in ETRL 101.

His visit is sponsored by the Department of Civil and Environmental Engineering, Department of Animal Sciences, and CEREO.

## POSITIONS & NOTICES

### Classified staff

These listings are current as of Friday, Oct. 19. For listings that are updated daily, please see **ONLINE** @ [www.wsujobs.com](http://www.wsujobs.com) and click on "search postings" in the navigation bar at the left.

**Control technician.** Facilities operations, Pullman. Closes Nov. 1.

**Custodian 1.** Housing services, Pullman. Closes Nov. 4.

**Fiscal specialist 1.** CDPE, Pullman. Closes Nov. 4.

**Support technician 1.** Extension, Clark County. Closes Nov. 4.

**Office assistant 2,** part time. Museum of Art, Pullman. Closes Nov. 4.

**Veterinary specialist 1,** two positions. Vet clinical sciences, Pullman. Open until filled.

**Veterinary specialist 3.** Vet clinical sciences, Pullman. Open until filled.

### Exempt staff

See **ONLINE** @ <http://www.hrs.wsu.edu/employment/fapvacancies.aspx>.

**Web coordinator.** Extension. Contact Dian Sczenski, 335-2952. Closes Nov. 5. (4769)

**Publications editor.** Extension. Contact Dian Sczenski, 335-2952. Closes Nov. 5. (4841)

**Application system analyst/developer.** Extension. Contact Dian Sczenski, 335-2952. Closes Nov. 5. (4856)

**Associate director.** Dining services. Contact Diane Patterson, 335-5498. Closes Nov. 16. (4860)

**Coordinator.** CEREO. Contact

Joanne Harkins, 335-5548. Closes Oct. 26. (4889)

**Publications coordinator.** Marketing and communications. Contact Mike Long, 335-5454. Closes Nov. 6. (4890)

**Scientific assistant.** Vet microbiology/pathology. Contact Sue Zumwalt, 335-6027. Closes Oct. 29. (4891)

**Academic coordinator.** Nursing, Pullman. Contact Julie Breshears, 324-7308. Closes Oct. 27. (4893)

**Confidential secretary.** Provost. Contact Donna Clark, 335-5581. Closes Nov. 12. (4897)

### Faculty

See **ONLINE** @ <http://www.hrs.wsu.edu/employment/fapvacancies.aspx>.

**Professor. Physics/astronomy.** Contact Sabreen Dodson, 335-9532. Closes Jan. 1. (4458)

**Assistant professor.** Engineering, Tri-Cities. Contact Kathy Harper, 372-7458. Closes Jan. 15. (4728)

**Extension educator.** Puyallup. Contact Cindy Armstrong, 253-445-4626. Closes Oct. 31. (4768)

**Director.** Chemical engineering. Contact Mary Simonsen, 335-8730. Closes Nov. 1. (4780)

**Assistant professor.** Apparel/design. Contact Jane Lawford, 335-7949. Closes Dec. 14. (4800)

**Extension educator.** Kittitas County. Contact Dian Sczenski, 335-2952. Closes Dec. 6. (4840)

**Assistant professor.** Fine arts. Contact Anne Smith, 335-8687. Closes Jan. 4. (4843)

**Assistant professor.** Fine arts, Tri-Cities. Contact Kristy Gutierrez, 372-7241. Closes Jan. 11. (4857)

**Assistant professor,** two positions. English. Contact Jerri Smith, 335-7124. Closes Nov. 15. (4862, 4863)

**Director.** Student advising. Contact Jeanette Hold, 335-1321. Closes Nov. 9. (4871)

**Clinical assistant/associate professor.** Teaching/learning. Contact Heidi Ritter, 335-0925. Closes Nov. 7. (4874)

**Assistant professor,** two positions. Educational leadership. Contact Lynn Buckley, 335-9117. Closes Nov. 14. (4876, 4883)

**Assistant/associate professor.** Pharmacotherapy. Contact Barbara Muehling, 335-8664. Closes Dec. 15. (4877)

**Clinical assistant/associate professor.** Teaching/learning. Contact Julie Killinger, 335-7296. Closes Dec. 3. (4881)

**Assistant/associate professor.** Teaching/learning. Contact Chris Booker, 335-6842. Closes Dec. 3. (4882)

**Assistant professor.** Human development, Vancouver. Contact Randy Boose, 546-9595. Closes Dec. 7. (4885)

**Dean.** Honors College. Contact Donna Jean Coffield, 335-5581. Closes Nov. 13. (4886)

**Assistant professor.** Political science. Contact Lisa Janowski, 335-8336. Closes Nov. 16. (4892)

### HRS Courses

Human Resource Services offers thousands of online professional development courses

and publications to WSU employees and students at no cost. Live instructor-led courses are available. Visit **ONLINE** @ [www.hrs.wsu.edu/skillssoft](http://www.hrs.wsu.edu/skillssoft) to access your personal training account.

Get more information by clicking on the "Training" link **ONLINE** @ [www.hrs.wsu.edu](http://www.hrs.wsu.edu).

Training workshops for department chairs and directors, **ONLINE** @ [www.hrs.wsu.edu/Chairs](http://www.hrs.wsu.edu/Chairs)

**Research Administration Series, ONLINE** @ [www.hrs.wsu.edu/RAS](http://www.hrs.wsu.edu/RAS)

**Supervisory Training Series, ONLINE** @ [www.hrs.wsu.edu/supervisor](http://www.hrs.wsu.edu/supervisor)

**Enhanced Supervisory Training Series, ONLINE** @ [www.hrs.wsu.edu/enhanced](http://www.hrs.wsu.edu/enhanced)

**Basic Copyright Law,** 11 a.m.-noon Friday, Oct. 26, Phase I Classroom Building 122, WSU Spokane. No fee.

**New Employee Orientation,** 1:30-3:30 p.m. Monday, Oct. 29, Smith CUE 518. No fee.

**Employee Benefits Orientation,** 9 a.m.-noon Monday, Oct. 29, Smith CUE 518. No fee.

**Finding and Getting Library Resources,** 1-3 p.m. Tuesday, Oct. 30, Holland and Terrell Libraries 103. No fee.

**Cultural Competency Training,** 9 a.m.-noon Wednesday, Oct. 31, Lighty 405. No fee.

**Purchasing Card Training,** 1:30-3:30 p.m. Thursday, Nov. 1, French Ad 240Q, and WECN. No fee.

**Travel: Basic Forms and Procedures,** 9 a.m.-noon Thursday, Nov. 1, French Ad 240Q. No fee.

**Student Data Warehouse: An Introductory Lecture,** 1:15-4:15 p.m. Thursday, Nov. 1, Information Technology 2025. No fee.

**Student Data Warehouse: Introductory Lab,** 9 a.m.-noon Friday, Nov. 2, Thompson 1. \$20.

**Graduate Assistantship Processing,** 1-4:30 p.m. Monday, Nov. 5, Smith CUE 512. No fee.

**Keeping Up and Keeping Track,** 1-3 p.m. Tuesday, Nov. 6, Holland and Terrell Libraries 103. No fee.

**Emotional Intelligence,** 9:15-11:30 a.m. Tuesday, Nov. 6, Lewis Alumni Centre 210. No fee.

**Budgeting for Sponsored Projects (Part 2 of 2),** 1:10-3:30 p.m. Wednesday, Nov. 7, Murrow West 52 and AMS. No fee.

**Cultural Competency Training,** 9 a.m.-noon Wednesday, Nov. 7, Lighty 405. No fee.

**Search Committee Training,** 10:30-11:30 a.m. Thursday, Nov. 8, Lighty 403. No fee.

**Faculty Performance Reviews,** 7:30-9 a.m. Thursday, Nov. 8, Murrow West 53 and AMS. No fee.

### Shared leave

Approved for shared leave: **Tatyana Bistrevsky,** WSU Extension.

**Linda S. Fleming,** WSU Prosser. **Yolanda Patricia Druffel,** Business Services/Controller.

Direct questions to Sally Wickizer, [wickizer@wsu.edu](mailto:wickizer@wsu.edu).

**Coming Nov. 9: WSU Vancouver sociologist studies economics of war veterans**

## MONEY WATCH

# A little more for retirement can make a big difference

BY JAMILEE GECAS  
BENEFITS SERVICES

The end of the year is approaching, but you still have time to maximize your supplemental retirement savings and ease your income tax burden for 2007.

Tax law for 2007 allows employees under age 50 to save up to \$15,500 tax-deferred through these supplemental accounts. Employees 50 and over can save up to \$20,500.

With interest and time, even small increases in your contributions can result in significant increases in your retirement savings. Plus, contributions to tax-deferred plans reduce your federal taxable income.

WSU offers two supplemental retirement accounts for employees:

- The Tax-Deferred Investment (TDI) program through TIAA-CREF. To increase or start a TDI, complete a "Salary Reduction Agreement," available at Human Resource Services (HRS) or **ONLINE** @ [www.hrs.wsu.edu/utills/file.aspx?fileid=1109](http://www.hrs.wsu.edu/utills/file.aspx?fileid=1109). Mail this to HRS, P.O. Box 641014, Pullman, WA 99164-1014 or send it through intercampus mail to campus zip 1014. New participants also must enroll **ONLINE** @ <http://enroll.tiaa-cref.org/wsui> and click on the Enroll Now! link. For online enrollment instructions, see **ONLINE** @ [www.hrs.wsu.edu/utills/File.aspx?fileid=2223](http://www.hrs.wsu.edu/utills/File.aspx?fileid=2223) and follow the

### Benefits fair Oct. 30

The WSU Benefits Fair for the Pullman campus will be noon-3 p.m. Tuesday, Oct. 30, on the second floor of French Ad and Lighty. Information on fairs at other WSU campuses and locations will be in the Perspective newsletter that is being mailed to all employees.

step-by-step prompts.

- The Deferred Compensation Program (DCP) through the state Department of Retirement Systems. To increase or start your DCP, complete the enrollment form in the DCP packet available at Human Resource Services (HRS) or **ONLINE** @ [www.drs.wa.gov/dcp](http://www.drs.wa.gov/dcp). Mail the form directly to DRS.

The minimum amount to participate in either plan is \$15 per pay period (\$30 per month). Employees can participate in both plans and contribute up to the maximum in each.

To determine the impact that increased tax-deferred contributions could have on your take-home pay; visit TIAA-CREF's TDA Advantage Contributions Evaluator **ONLINE** @ [www.tiaa-cref.org](http://www.tiaa-cref.org) and click Planning Tools and/or see DCP's Resource Center **ONLINE** @ [www.drs.wa.gov/dcp](http://www.drs.wa.gov/dcp).

For more information on either program visit **ONLINE** @ [www.hrs.wsu.edu/TDI%20Plans](http://www.hrs.wsu.edu/TDI%20Plans) or contact HRS at 335-4521.

University news **ONLINE** @  
[www.wsutoday.wsu.edu](http://www.wsutoday.wsu.edu)

## Retirement comes with a set of terms and conditions. Yours.

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You & Us



# Nominations sought for AFW award

Nominations are due Nov. 9 for the Samuel H. Smith Leadership Award from the WSU Association for Faculty Women.

The recipient must be an

AFW member whose leadership has advanced the role of women at WSU and/or higher education, the community or her profession.

Nominations should

include a 1- to 2-page statement outlining contributions and a curriculum vitae.

Send nominations to Muriel Oaks at [oaks@wsu.edu](mailto:oaks@wsu.edu) or campus zip 2710.

## Change ...

(Continued from page 1)

Integral to all these discussions is one of the goals for which Floyd was hired: improving WSU's AAU-like qualities with the long-term goal of membership in the prestigious Association of American Universities.

### Arts and sciences prevalent

Lear sees AAU criteria as requiring a balance between a university's areas of pre-eminence with a comprehensive high-quality education for all students.

Of the 17 AAU universities that are WSU peer institutions or Pac-10 members, 11 have a combined college of letters/arts and sciences. Most of the general education requirements come from this college's offerings.

They address the goal of a rigorous comprehensive education for all students.

Most of the other colleges and schools at these AAU universities have strong ties to specific professional fields: business, communication, design, education, engineering, law and varieties of health disciplines. Some AAU members have graduate schools. The AAU land-grant peers have colleges of agriculture, while others have specialty schools in their areas of pre-eminence — chemistry, environment or fisheries, for example.

### Merger pros and cons

There would be significant advantages and disadvantages to merging the CLA and College of Sciences (CS) at WSU, said **Mike Griswold**, CS dean.

Years ago, the disadvantages were more significant, and two separate colleges resulted, he said.

It is appropriate to re-examine the question at this time, he said. But, he added, change should only occur if it will result in major programmatic advantages for each college.

### CLA changes

Within the larger context of AAU aspiration, the CLA is looking at its own configuration and making changes that have been discussed for years. For example, CLA recently made music and theater arts separate departments.

"More small units can provide more synergy because they will have to seek partnerships and collaborations," Lear said. But these interactions will be initiated by the departments and members themselves and not thrust upon them through merger into a larger department.

Because of its ties to industry — even in undergraduate classes — WSU's Edward R. Murrow School of Communication is more like a professional school (such as nursing or engineering) and less like the CLA, Lear said. These ties help it secure outside industry support, he said — support that might be greater if the school were separate from the college.

### Murrow independence considered

Such independence was reviewed Monday, Oct. 22, by four communication school deans — from the universities of Florida, Georgia, North Carolina and Oregon — who visited the Murrow school. The deans considered an in-depth self-study of the school completed by a WSU task force last spring, and they spoke with faculty and administrators.

The WSU task force recommended independence — as a school or college — but only if the university committed to investing more money in the Murrow.

"They said we should be independent, but not without the appropriate funding," said **Erica Austin**, interim director of the school. "We don't want to be set up to fail."

Specific recommendations from the deans

### What's next?

Look for upcoming articles in WSU Today about:

- How WSU matches up on AAU criteria
- Recommendations of the CLA/CS study committee
- Results of program prioritization and budget committees

are expected within a few days to a week after their visit, Austin said.

On the Tuesday morning after their visit, she said at least three points seemed clear from their discussions:

- They viewed the evidence as supportive of increased independence for the Murrow school.
- They supported keeping all aspects of the school intact.
- They indicated the school is worthy of significant investment so it can reach its potential. With sufficient infrastructure, Austin said, the school could attract money from extramural grants, contracts and outside donations.

### Timeline

Lear described committee work on college reconfiguration, program priorities and budgets, and the strategic plan as "several paths leading to July 1, 2008." The study groups and timing involved include:

- **Murrow.** Deans from four communication schools were at WSU Oct. 22 to make recommendations for its future direction. The school is expected to launch a search for a director or dean once the president and provost have received and made decisions based upon the deans' recommendations.

- **CLA/CS.** The reconfiguration committee is expected to conclude its work this semester. Members include **Alex Hammond**, **Amy Wharton** and **Greg Yasinitsky** from the CLA and **Nancy Magnuson**, **John Nilson** and **Skip Paznokas** from the CS.

- **Strategic plan.** The committee working on refreshing the strategic plan is expected to conclude its work this semester. Names of committee members are in the Oct. 12 issue of WSU Today and **ONLINE** @ [www.wsutoday.wsu.edu](http://www.wsutoday.wsu.edu), search "strategic plan."

- **Program prioritization.** There will be two program prioritization and budget task forces for academic programs. Non-academic affairs units also will be reviewed and details on the process are expected to be available in the near future.

The first task force for the review of academic units will develop a process and criteria for assessing the programs, said Provost **Robert Bates**.

Academic units will use these during the spring semester in a self-assessment activity, which will complement work already under way for 2010 accreditation.

The second task force will review input from the academic units and will host hearings, with the president and provost, in March-April. The committee will recommend organizational and allocation changes to the provost.

Members of the second committee will be selected later. Member of the first group are:

- Bob Bates**, provost, ex-officio
- Dan Bernardo**, CAHNRS
- Ruth Bindler**, nursing
- Tori Byington**, graduate school
- Ken Casavant**, co-chair, economic sciences
- Tom Dickinson**, physics
- Mary Doyle**, co-chair, vice provost
- Linda Fox**, extension
- Cathy Fulkerson**, institutional research
- Joan King**, budget office, ex-officio
- Erich Lear**, liberal arts
- Don Lynch**, WSU Tri-Cities
- Terry McElwain**, animal disease/diagnostic lab
- David McLean**, engineering
- Jim Petersen**, research
- Brian Pitcher**, WSU Spokane
- Jane Sherman**, provost's office
- Dawn Shinew**, teaching and learning
- Matt Skinner**, provost and budget offices
- Lynn Valenter**, WSU Vancouver



Lear



Griswold