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Val Goodin has many tigers by the tail.

Dec. 2, 2004 University of Missouri-Columbia Grant helps launch geospatial technology program. Page 9

## Crash course

FIRED UP MU joins state in aircraft rescue and firefighting training

he recent rash of airplane crashes in Missouri has prompted the state to join with the MU's Fire and Rescue Training Institute to offer courses in aircraft rescue firefighting at 15 locations throughout the state.

"This course is designed to give the structural firefighter a basic knowledge of aircraft firefighting principles," says Gary Wilson, director of the Fire and Rescue Training Institute. "The main focus will be on the strategy and tactics of general, commercial and military aircraft incidents. Some of the topics will include aircraft and airport familiarization, firefighting and rescue tactics, hazardous materials and National Transportation Safety Board guidelines."

Wilson says the 12-hour courses will begin in 2005, after locations and registration

information have been finalized. The courses would be paid for through a contract with the Missouri Department of Transportation.

**Name Change** 

Page 2

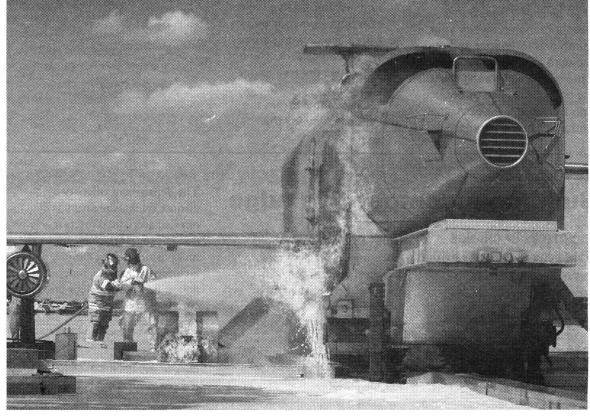
Two HES departments change

names to reflect their missions.

Mark Lee, MU aircraft firefighting specialist, will be the chief instructor. He enumerates the many dangers posed by aircraft fires. "It's not just the fuel," he says. "You have hydraulic fluids at about 3,000 psi, and little leaks can be very dangerous. That pressure coming out, it can cut off a finger."

Lee says many aircraft contain hazards not ordinarily encountered in structural fires. "The toilets in airplane use a lot of chemicals, and you really have to watch out for those. Even the cargo can be a biohazard." He cites an incident in which bottles in a woman's handbag stored in an overhead compartment broke. "The toxic fumes just knocked people to the ground."

Oxygen systems in an airplane add to the danger, he says. "If you break a line on an oxygen system, it helps the fire burn



Rob Hill photo

A BURNING NEED Experts from MU's Fire Rescue Training Institute will train firefighters around Missouri in partnership with the state transportation department. The institute has a unique training resource: its "reburnable airplane," a firefighting-training craft based at Columbia Regional Airport.

better. There are 24-volt batteries, and you can't always disconnect them, so you have to consider the electrical power. If

somebody cuts the wrong cable, the wing could pop up and really hurt somebody.3 Many aircraft also have

ejection seats with explosive charges, which "can do a lot of damage to people if they attack it SEE Training on Page 5

## Alumni incentive grants nurture new research

#### SEED MONEY

Program helps junior faculty jump-start research programs

he MU Alumni Association is well known for its many activities to promote Mizzou around the state and nation. The association's work on campus to support MU's academic mission might not be as visible, but it's just as important.

For more than a decade, the association has sponsored a research incentive program that provides grants to help junior faculty members get started on their research programs.

Last night, the association honored the latest round of professors selected to receive the incentive grants. There were a few new twists in the most recent awards: The program has been named in honor of Richard Wallace, MU chancellor

emeritus, and the selection criteria emphasize projects that include a strong undergraduate research component.

"That focus on undergraduate research is sort of new this year." explains Todd McCubbin, assistant vice chancellor for alumni relations and the association's executive director. "Dr. Wallace really believed in undergraduate research and felt that it is what great universities are built on. Our board of directors thought this was a great fit."

Each year, a dozen or more faculty members receive the grants, which are administered through MU's Program for Excellence in Teaching. The grants typically are small - no more than \$2,000, says Marilyn Miller, the program's interim director.

"The grants give faculty a chance to try out a research project and then go on for

further funding," Miller says. "It's seed money, really." The grants are aimed at junior tenure-track faculty because all too often those professors run up against a professional Catch 22: They have to demonstrate a proven track record before their research proposals get noticed by big granting agencies, but it takes research funding to establish that record.

Sometimes, a small amount of funding can make a big difference. Sandy Matsuda, assistant professor of occupational therapy, turned a small research incentive grant from the alumni association into a multiyear research project that involved dozens of her undergraduate students, a group of international graduate students and faculty colleagues.

Matsuda's project looked at classroom techniques that can promote cultural adaptability and cross-cultural communication.

Students in her occupational therapy course were paired with international graduate students training to be MU teaching assistants.

During monthly exchange sessions, the international students helped Matsuda's students understand some of the different attitudes towards health care they might encounter in people from different cultures. The occupational therapy students helped the international TAs-in-training understand the classroom culture they could expect to find in the United States.

Before and after the exchanges, Matsuda and several student researchers administered a test that measured cultural competencies; then they analyzed the data. The research found the greatest change occurred among U.S. students who had traveled abroad.

"This was a good project for

undergraduates because it involved what was going on in the classroom," Matsuda says. It resulted in several presentations and a paper that has been accepted for publication.

The cost was well under the program's \$2,000 maximum mostly to pay for using the assessment instrument. "You can do a lot with seed money," Matsuda says. "At this level it didn't take a lot of money, but we got a lot of mileage out of it."

The deadline for a second round of incentive grants is Feb. 18, 2005. More information is available from the Program for Excellence in Teaching. Grant recipients announced yesterday were: Deborah Fine, veterinary medicine; Deborah Hanuscin, learning, teaching & curriculum and physics; Kim Leon, human development and family studies; Amanda Kolburn, human development and family studies; Erica Lembke, special education; and Meredith Mountford, educational leadership and policy analysis.

#### Tree tips for Christmas

Because a Christmas tree often serves as the centerpiece of holiday festivities, most people want to know how to make sure they are picking a good tree and how to make it last. Hank Stelzer, associate professor of forestry, offers the following tips for picking a Christmas tree:

• Use the "freshness test" when picking a tree. Gently grasp a branch between your thumb and forefinger and pull it toward you. Very few needles come off a fresh tree. If the tree has been cut, shake or bounce it on the stump. An excessive amount of green needles falling to the ground signals it is not fresh. Some loss of interior brown needles is normal.

• Water is the key to making a tree last through the season. Make a horizontal cut half an inch from the bottom and immediately place it in water. Be sure the water level never falls below the bottom of the trunk. A tree kept in water should last four to five weeks.

Do not place your tree next to a fireplace or wood stove or above a heating vent. The hot air will cause the tree to dry out faster.
Remove trees from the

• Remove trees from the home once they fail the freshness test. If your community does not have a

recycling program for trees, place it in your backyard with bread in the branches for birds. • Christmas trees grow

about a foot a year. A small apartment-size tree needs about four to five years, a tree for a standard size living room takes about seven to eight years.

#### **Diet of champions**

College athletes are in great shape, right? Maybe not as great as they could be. Pamela Hinton, assistant professor of nutritional sciences, says that most college athletes aren't getting the daily dose of nutrition they need to support the additional activities and stresses they face.

In a recent study, Hinton found that only 15 percent of college athletes had an adequate intake of carbohydrates and 26 percent of athletes had an adequate intake of protein based on dietary recommendations for athletes. Carbohydrates are the preferred muscle fuel during exercise, Hinton says, and adequate dietary protein is needed to maintain skeletal muscle mass."

Dec. 2, 2004

The study also revealed that 62 percent of female athletes wanted to lose at least five pounds, regardless of their sport. Hinton says. That finding, she says, probably reflects societal pressure on women to be thin.

Hinton says that compared to other athletes, college athletes' hectic schedules and housing situations may be reasons why they suffer from inadequate nutrient intake. "Class and practice schedules

### **Building a competitive edge**

#### **ARCHITECTS OF CHANGE**

Name change creates bridge to professional architecture programs

o better articulate the nature of their academic disciplines, two departments in the College of Human Environmental Sciences have been renamed. The former Department of Environmental Design is now the Department of Architectural Studies. The former Department of Consumer and Family Economics is now the Department of Personal Financial Planning.

"Our students, alumni, and employers understand the degree

title of architectural studies focusing on the design of physical settings responsive to peoples' desires and needs," says Ruth Brent Tofle, the department chair. "Employers" and prospective students will have a better understanding of what we do with the name architectural studies. The name is helpful to our undergraduate students — some of whom will be matriculating into professional architecture programs. In addition, it is helpful in recruiting students for our graduate program."

While the focus of the program did not change, Tofle says, "We are easier to find." The department offers two distinct tracks, she says. "We offer an accredited interior design program, where students find positions, for example, with architectural offices, independent design firms, manufacturers, and corporations or government agencies with facility planning divisions."

The second emphasis, she says, is architectural studies. This is a pre-professional degree that prepares candidates for admission to professional architectural programs with advanced standing, as well as for other roles in related fields such as research, government, development, management, planning.

The department is one of the first in the nation to be

accredited by the Foundation for Interior Design Education Research. It boasts 227 undergraduate students and 27 students pursuing either master's or doctoral degrees. Tofle says the department is one of less than 10 programs nationally to offer a PhD. Approximately one-third of its undergraduate students continue their studies for professional degrees in architecture.

Stephen Jorgensen, dean of human and environmental sciences, says the new name "reflects better what the academic programs in this department encompass. Our students already have a broad range of career options available to them upon graduation, and many of them are hired by major

University

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architectural firms across the country," he says. "This change in name also will create a stronger bridge to professional architecture programs for our students after they graduate with their baccalaureate degree at MU," he adds. "It will give a clear competitive edge to our students seeking advanced architecture degrees."

That also was the reason for the name change of the personal financial planning department, says Rob Weagley, department chair. "This is a clear statement of what it is that we do." It also sends a signal to potential employers about the strengths the department's graduates can bring to their businesses.

"Every student I've talked to is pumped about it," Weagley says. "This will help us attract students and help us build bridges with other departments around campus. We want to position Mizzou to serve the students of Missouri and the financial services companies headquartered here. We have a huge market to work with."

### Mizzou**Weekly**

#### Volume 26 No. 14

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## MU FACULTY, STAFF, AND RETIREES You are Invited

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Prize drawings will start around 7:15 Grand prize is a Dell Desktop computer (Must be present during the drawing to win)

Gift wrapping provided by Central Missouri Food Bank

influence when the athletes are able to eat, as well as the type and quantity of food they consume," Hinton says.

#### A word from your sponsor

Every day, people are bombarded with media advertisements. Most of the messages are the same: Trust this company and purchase its products. However, a recent study by an MU advertising researcher found that consumers' feelings toward advertisements are based more on their everyday experiences and less on the sales pitch.

"Consumers' knowledge about advertisers and their messages plays a vital role in forming attitudes about a product," says Shelly Rodgers, assistant professor of advertising. She found that the knowledge consumers possessed about sponsors was based primarily on what they viewed in their daily life through the media, as well as through their personal training and knowledge of the business world. This led the consumers to focus their attention more on their personal lovalty and trust of the sponsor and less on the actual quality of the product, Rodgers says.

#### She also found that consumers have insights about persuasions used by marketers. People do not single-mindedly resist these persuasion attempts, but rather use personal observations and expertise to draw reasonable conclusions about the quality

of sponsors and their products.

#### **MU's Korea connection**

Mizzou has a long history of welcoming international students from Korea, During the 1950s, following the Korean War, President Harry Truman encouraged his home state's flagship university to provide

low-cost college educations to students from the war-ravaged country. Today, many Korean business, political and media leaders are MU graduates, and the Korean chapter of the MU Alumni Association is one of the largest in the world.

MU is celebrating its continuing Korean connections during Korea Week, which began Dec. 1 and will continue through Dec. 6 with a full roster of events. There will be Korean films, Korean food, a Korean dance event and an exhibition of photos from the Korean War.

The keynote speaker for the Korean Studies Distinguished

**Robinson from Indiana** University. Robinson will present "U.S. --- Korea **Relations and the Second Bush** Administration" at 2 p.m. tomorrow, Dec. 2, in N214/215 Memorial Union. A complete list of Korea Week activities is available online at www.missouri.edu/~muasia/ AAC/koreaweek.htm

Lecture Series will be Michael

### Watergate collection is untapped scholarly resource

#### **UNIMPEACHABLE RECORDS**

MU alumnus served on Senate investigating committee

n July 13, 1973, MU alumnus Don Sanders, deputy minority council for the Senate Select Committee on Presidential Campaign Activities, indirectly asked perhaps the most important question in the Watergate hearings: Is there a recording system in the White House?

The answer set in motion events leading to the resignation of President Richard Nixon. Personal papers and various

other documents offering Sanders' first-hand account of one of the most remarkable events in U.S. presidential history were recently donated to the MU Libraries, which will make them available for scholarly study for the first time.

Sanders' widow, Dolores Mead, donated the documents to the University, where Sanders earned a law degree in 1954 and a master's degree in history in 1991. Other members of his immediate family, including his mother, Anna Sanders, were involved in arranging the gift. The documents will be processed and available to scholars and researchers in about six months.

"These documents provide an insider's account of some of the most high-level affairs regarding the Watergate hearings," says Jim Cogswell, libraries director. "In the hands of the right scholar, they could potentially provide answers to some of Watergate's most compelling questions. This is a very exciting donation to MU Libraries."

The gift includes boxes of records, papers, books and other documents created and collected by Sanders at various points throughout his professional career. In addition to records of interview transcripts and other materials related to the Watergate hearings, the boxes

include documents from his service on the House Committee on Internal Security through his service as Boone County commissioner.

Sanders began his career in the Marine Corps before working briefly as a lawyer in Columbia in 1959. Later that year, he was accepted for training in the Federal Bureau of Investigation, where he served until 1969, when he was appointed chief counsel and staff director of the House Committee on Internal Security. In 1973, he joined the Watergate committee, following that with

Environmental Health & Safety

NO EATING

other appointments in Washington D.C., including four years on the Senate Select Committee on Ethics. In 1983 he returned to Rocheport, Mo. He served as a county commissioner for Boone County from 1989-90.

"We really have only scratched the surface of this collection," Cogswell says. "We hope this gift will raise the visibility of our archives and special collections services. We want historians, sociologists, political scientists and others to view the MU Libraries as an untapped reservoir for research and scholarship in a wide variety of subject areas."

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#### Page 3 MizzouWeekly

Dec. 2, 2004

## A high-tech asset

**ACADEMIC SUPPORT** 

Historic building is home to cutting-edge technology

ocated at the northeast corner of Stewart Road and Fifth Street across from the University of Missouri Power Plant, the Academic Support Center building houses nearly everything possible in the world of audio-visual production — from graphic arts and photography to media labs and video teleconferencing.

When the building was constructed from 1911 to 1912, however, its use was considerably less high-tech. Original plans simply called it the Work Shop.

"It is believed that the building was built for work shops for campus maintenance, construction and other crews," says Phil Shocklee, associate director of Campus Facilities. An addition to the building in 1918 was called the Manual Arts Shop, which was an early field of study known today as industrial education. Another addition in 1941 was named the University Garage.

In later years the building was home to the Navy ROTC before that unit relocated to Crowder Hall as part of Military Science and Leadership. The Academic Support Center moved to its current location in November 1972.

The center was created by combining the Extension Educational Film Library, Office of Instructional Television and the campus Photo Service. The film library dates back to 1932 as a distribution service of 16mm educational films to schools across the state. The film library is now part of Classroom Technology Services and distributes its collection of more than 12,000 educational films and video programs throughout the United States.

The photo service started in 1945 and continues today to offer professional services to the campus in all aspects of digital photography.

MU was one of the first universities to embrace television as an instructional tool and opened the Office of Instructional Television in 1960. Today MU employs television not only in the classroom, but also on the Web, in alumni communications and at all home football and basketball games.



Departments may purchase temporary permits for special events or to keep on hand for the use of their guests. The permits are \$2 per day or \$6 per week and are available for various lots/garages throughout campus. All permit orders should be made two weeks prior to event. Permits may be ordered through our office by phone at 882-4568 or through our internet address at web.missouri.edu/ ~mubs/parking/TempParkPermit.html.

http://mubsweb.missouri.edu/parking



Please join colleagues and friends of

### Dr. Ronald J. Turner Executive Vice President

at a reception honoring his retirement & in appreciation of his service and dedication to the University of Missouri

> Monday, December 13, 2004 3:30 – 5:30 p.m. (program at 4:30 p.m.)

**Reynolds Alumni Center** Columns C



KEEP YOUR DRINK WARM AND SAVE ON REFILLS

wrong," Lee says. "The tires can blow up and injure people, too.

"There are a lot of different pieces to an airplane."

The course will even include "how to handle a military incident," he says. "There are a lot more military aircraft flying with ordnance. That's more frequent than it used to be, and there is some concern about that."

Joe Pestka, administrator of aviation for the state transportation department, says the agency considers the training sessions especially valuable in the light of recent plane crashes. "We have a state aviation trust fund designated mainly for maintenance and capital improvements, but it can also finance other things involving airport safety," he says. "This would fall under that."

Lee believes the area of aircraft rescue firefighting has been neglected. "People say, 'Everybody always dies in a plane crash.' That's not true, as some of these recent crashes show."

In the past eight weeks, he says, there have been four



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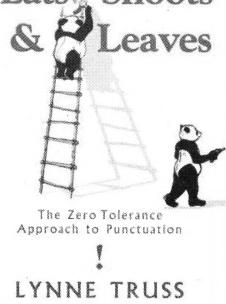
airplane crashes in Missouri: one near Kirksville; another in the Springfield area; a third in a Jefferson City residential neighborhood and another from the Chesterfield airport "that crashed on an island in the river. They had to get some boats to get out to that one."

A crucial aspect of the training will address ways to fight aircraft fires that meet National Transportation Safety Board guidelines. "When they do their investigation, they need things to run smoothly," Lee says. "You can't damage evidence that might contribute to the investigation."

So far, Missouri sites that have been selected for the training courses include Branson, Clay County, Hannibal, Poplar Bluff, Perryville, Osage Beach, Moberly and Nevada.

"The fact that we're in a central location enable us to get out to the smaller airports and work with them," Lee says. "There are about 115 runways in the state. We need to get out to some of the folks who haven't received all this training."

**30% OFF New York Times Bestsellers EVERYDAY** The Runaway \*1 British Bestseller Eats Shoots



#### **New Release Eats Shoots and Leaves** by Lynne Truss

Who would have thought a book about punctuation could cause such a sensation? Certainly not its modest if indignant author, who began her surprise hit motivated by "horror" and "despair" at the current state of British usage: ungrammatical signs ("BOB,S PETS"), headlines ("DEAD SONS PHOTOS MAY BE RELEASED") and band names ("Hear'Say") drove journalist and novelist Truss absolutely batty. But this spirited and wittily instructional little volume, which was a U.K, #1 bestseller, is not a grammar book, Truss insists; like a self-help volume, it "gives you permission to love punctuation."



10

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## University Physicians and Ellis Fischel Cancer Center clinics

#### **Urgent Care clinic**

Urgent Care at University Physicians Medical Building, 1101 Hospital Drive, will be open noon to 6 p.m. Christmas Eve and Christmas, and 8 a.m. to 8 p.m. New Year's day. If you need emergency medical assistance outside these hours, please go to the University Hospital Emergency Room.

#### **University Physician primary** and specialty clinics **Ellis Fischel Cancer Center clinics**

University Physicians and Ellis Fischel Cancer Center outpatient clinics will be closed: Thursday and Friday, Nov. 25 and 26 Friday and Saturday, Dec. 24 and 25 Friday and Saturday, Dec. 31 and Jan. 1, 2005

Our physicians and staff wish you and your family a safe and happy holiday season!







#### **Concerts & Plays**

#### Friday, December 3 UNIVERSITY CONCERT SERIES: The Minnesota Ballet will perform The Nutcracker at 7

p.m. and Dec. 4 at 2 p.m. and 7 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

#### Sunday, December 5

JAZZ SERIES: Guitarist Russell Malone and pianist Benny Green will perform at 2 & 7 p.m. at Murry's, 3107 Green Meadows Way. Ticket information is available at all Ticketmaster locations or call 449-3001

STUDENT RECITAL: The Holiday Brass and Choral Concert will perform at 8 p.m. at the Missouri United Methodist Church. A \$5 donation is suggested.

#### **Tuesday, December 7**

UNIVERSITY CONCERT SERIES: Christmas from Dublin featuring the Three Irish Tenors will be performed at 7 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

Wednesday, December 8 UNIVERSITY CONCERT SERIES: Mr. Jack Daniel's Original Silver Coronet Band will perform Hometown Christmas at 7 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

#### Conferences

#### **Thursday, December 2**

GERONTOLOGY NURSING **CONFERENCE:** "Clinical Update for Gerontology Healthcare Professionals in Hospitals, LTC Facilities, Home and Community Settings" will take place today and tomorrow at the Peachtree Banquet Center in Columbia. For cost and registration information, call 882-0215, e-mail NursingOutreach @missouri.edu or visit the Web site at www.muhealth.org/ ~nursing/node.

#### **Courses & Workshops**

- **Thursday, December 2 RADIATION SAFETY** WORKSHOP: "New
- Radiation Workers" will be presented from 1:30-4 p.m. today and Jan. 5 in the Environmental Health and Safety classroom in the Research Park Development Building. Registration required; call 882-7018. SAFETY WORKSHOP: "Food

Handler Safety" will be presented from 2-3 p.m. in S-204 Memorial Union and Nov. 16 in S206 Memorial Union in the Environmental Health and Safety classroom in the Research Park Development Building. Registration is required; call 882-7018.

#### Friday, December 3

**COMPUTING WORKSHOP:** "InDesign CS: Long Documents, Part 2" will be offered at 1 p.m. in N15

Memorial Union. Registration is required; call 882-2000 or online at iatservices.Missouri. edu/training.

#### Thursday, December 8 HAZARDOUS MATERIALS WORKSHOP: "Introduction to Hazardous Materials Management" will be presented from 9-11 a.m. today and Jan. 18 from 1:30-3:30 p.m. in the EHS Classroom. Registration required; call 882-7018.

#### **Thursday, December 10**

CPR COURSE: "CPR Renewal" will be presented from 10 a.m.noon today and Dec. 10 and from 1:30 p.m.-3:30 p.m. Nov. 5 and Jan. 13 in the Environmental Health and Safety classroom in the Research Park Development Building. Registration required: call 882-7018.

#### Exhibits

#### MUSEUM OF ART AND **ARCHAEOLOGY:** "The Infinite and the Absolute:

Belief and Being in the Art of South Asia" will be on display through Dec. 2004. • "Selections of Ancient Glass" is

on display through 2004. "Cityscapes: Visualizing the Built Environment" includes prints, drawings and paintings that depict the man-made landscape in cities and towns from the 16th to the 20th centuries.

The museum, located in Pickard Hall, is open from 9 a.m. 4 p.m. Tuesday-Friday and from noon-4 p.m. Saturday and Sunday. BRADY GALLERY: "Silver" a

photography exhibit by Dan Gemko, an instructor at the MSA/GPC Craft Studio, is on display through Dec. 10. A closing reception will be held from 5-7 p.m. Dec. 8 in the gallery at 203 Brady Commons. STATE HISTORICAL

**SOCIETY:** "A Creative Urge Toward Perfection: The Art of Fred Shane" will feature paintings by the late MU art professor through Dec 30 in the main gallery. The gallery is open from 8:30 a.m.-4 p.m. Monday-Friday.

#### Films

#### Tuesday, December 7

JAZZ SERIES FILM: A mix-andmatch night of Betty Boop cartoons, Cab Calloway, Dizzy Gillespie and other single-item clips will be shown at 7 p.m. at the Ragtag Cinemacafe, 23 N. 10<sup>th</sup> Street.

#### Lectures & Seminars

- **Thursday, December 2** MICROBIOLOGY & IMMUNOLOGY SEMINAR: Akira Ono from the National Institutes of Health will present "Cellular Membranes and HIV-1 Assembly: Roles for Rafts and PI (4,5)P2" at 11 a.m. in Monsanto Auditorium at the
- Life Sciences Center. INTERNATIONAL AFFAIRS SEMINAR: Abdullahi Ibrahim. associate professor of history, will present "Rural Idiocy or Rural Decay - Darfur" at this brown-bag event beginning at noon in S203 Memorial Union. BIOLOGICAL SCIENCES

SEMINAR: Doctoral candidate Jason Meyer will present Characterization and Therapeutic Transplantation of Stem Cells" at 1 p.m. in 002 Life Sciences Center.

#### **KOREAN STUDIES**

LECTURE: Michael Robinson from Indiana University will present "U.S.-Korea Relations and the Second Bush Administration" at 2 p.m. in N214/215 Memorial Union.

Dec. 2, 2004

#### Friday, December 3

**BIOCHEMISTRY SEMINAR:** Ali Shilatifard from St. Louis University School of Medicine will present "A Compass and a GPS in Defining Molecular Machinery in Histone Modifications, Transcriptional Regulation and Human Cancer: The Coordinates of the Genome" at 1 p.m. in Monsanto Auditorium at the Life Sciences Center.

#### Saturday, December 4

SATURDAY MORNING SCIENCE SEMINAR: Sunder Balasubramanian will present "Detecting and Curing Skin Cancer Without Surgery" from 10:30-11:30 a.m. in Monsanto Auditorium, Life Sciences Center.

#### Monday, December 6

**PEACE STUDIES LECTURE:** Fred Emil Katz, former MU sociology professor, author and Holocaust survivor, will present "Confronting Evil" at 8 p.m. in the Memorial Union's Stotler Lounge.

#### Tuesday, December 7

**BIOLOGICAL SCIENCES** SEMINAR: Mike Muszynski from Pioneer Hi-Bred International will present

## **Thank You!**

#### to the departments who turned in their fall textbook orders on time:

Brenda Klemme (Diagnostic & Medical Ultrasound) Barb Worley (Plant Pathology) Jenna Sapp (Korean) Jennifer Arnold (Portuguese)

#### to all the departments who turned in their fall textbook orders before buyback:

Jenna Sapp (French & Italian)

- Jennifer Arnold (Chinese)
- Debbie Strodtman (Greek & Latin)
- Rosemary Hogan (Respiratory Therapy)
- Professor Bruce Barrett (Entomology)
- Jan Weaver (Environmental Studies)

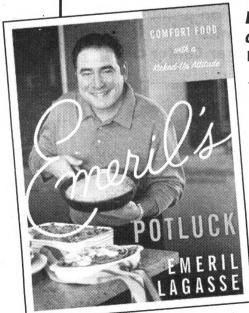
#### to all the department Administrative Assistants for all their hard work:

We received 4,722 adoptions by the Oct. 29 deadline which will significantly benefit students at buyback and next semester.

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#### Emeril's Potluck : Comfort Food with a Kicked-Up Attitude by Emeril Lagasse

America's favorite chef Emeril Lagasse is ready to party. Parties and celebrations mean food. Lots of food: tureens of soup. platters of chicken, bowls of salad, casseroles of baked pasta. From family reunions to holiday buffets, summer barbecues to tailgate parties, and weekend brunches to bridal showers, Emeril's Potluck offers crowd-pleasing dishes perfect for gatherings with friends and family

Emeril's Potluck brings together everything Emeril loves most about cooking and eating. The food is simple, flavorful, and perfect for sharing at any get-together. Each recipe serves a whopping 8 to 10 people, but don't assume you're making too much -- everyone will be heading back for seconds and thirds of these Emerilized starters, entrees, drinks, sides, and desserts.



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#### Dec. 2, 2004

"Context Dependent Phytohormone Regulation: The Case of Maize Knotted 1" at 3:30 p.m. in 002 Monsanto Auditorium in the Life Sciences Building

Building. HEALTH INFORMATICS SEMINAR: Laura Schopp, associate professor of health psychology, will present "Informatics Interventions for Disability and Chronic Illness Populations" at noon in 426 Clark Hall.

#### Wednesday, December 8

BIOLOGICAL SCIENCES SEMINAR: Steve Pallardy, professor of forestry, will present "Big Gulps and Burps-Ecosystem-scale Gas Exchange and Carbon Dynamics in Oak Hickory Forest: The Missouri Ozark Ameriflux Network Site" from 3:30-4:30 p.m. in 106 Lefevre Hall.

#### Meetings

Thursday, December 2 FACULTY COUNCIL: The

council meets at 3:30 p.m. today in S203 Memorial Union.

#### **Special Events**

Thursday, December 2 POINSETTIA SALE: The Ellis Fischel Cancer Center Auxiliary will sponsor a poinsettia sale from 8 a.m.-5 p.m. in the hospital lobby to benefit the auxiliary's scholarship fund. CHRISTMAS TREE SALE: MU's Forestry Club will sell Scotch pine Christmas trees and hand-made wreaths from 8 a.m.-8 p.m. beginning today and continuing through Dec. 5 at Faurot Field. FACULTY/STAFF

**BASKETBALL LUNCHEON:** Staff from the men's and women's basketball program will discuss the current season at a series of luncheons for faculty, staff and retirees. The luncheons will be held at noon today, Jan. 27 and Feb. 23 in the Clinton Club in the Mizzou Arena, near the south entrance of the building. The cost is \$5 and the guests pay at the door. To make reservations, e-mail Sara Vassmer at sbv2b0@mizzou.edu.

#### Thursday, December 9

KWANZAA EVENT: A pre-Kwanzaa celebration will take place beginning at 7 p.m. in the Gaines/Oldham Black Culture Center. The free program will include African drums, authentic soul food and a talk at the libation ceremony by Kevin Cokley, associate professor of educational, school and counseling psychology.

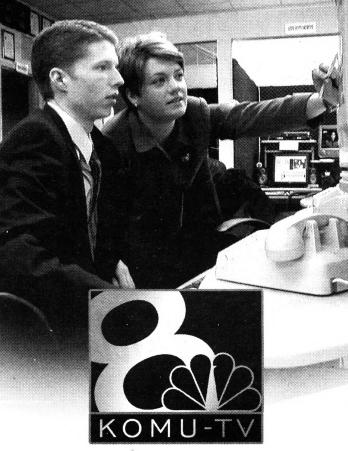
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## Tigers by the tail

#### **BLACK AND GOLD**

Alumni association is 'on the hunt' for new members

f you walk past the Reynolds Alumni Center, you can't miss the window of Valerie Goodin's first-floor office. It faces Conley Street and Jesse Hall, and you'll notice it because the window is lined with tigers. No lions, no bears and especially no Jayhawks here. This is Tiger country.

There are stuffed tigers, ceramic tigers, tiger candles; everything is tiger striped. There's even a "pre-Truman" tiger that

Goodin bought in 1982 before MU officially adopted the campus mascot. It was the first Tiger in her collection, but not her last by any means.

Goodin, senior director of alumni activities for the MU Alumni Association, has added many more since then. How many more? She's a little vague about the size of the collection. "I have more than you see here, but slightly less than there are real tigers in the world," she says.

Goodin will celebrate her 30<sup>th</sup> anniversary with MU next year. During that time she has worked for the School of Nursing, the College of Education and, of course, the MU Alumni Association.

Her Tiger ties run deep. She is an Mizzou graduate, as is her husband, her daughter, her son-

in-law and, hopefully, her grandson someday. Over the years, she has also collected many great MU

memories, including the graduation ceremonies of everyone in her immediate family.

One special memory occurred on Sept. 18, 1966. That's when her romance began with her husband of 37 years, Richard. She had seen him around campus before, but had never really



Steve Morse photo **TIGER STRIPED** Valerie Goodin, senior director of alumni activities for the MU Alumni Association, calls herself an "accidental collector" when people ask about all the tigers that decorate her office window in the Reynolds Alumni Center.

spoken to him. But on that day he happened to remark that if she had called him early that morning, she would have been the first to wish him a happy birthday.

"I've been the first to wish him happy birthday every year since that day," she says.

Goodin began her professional career as an elementary school teacher. She taught at the old University Elementary School, located in what is now Townsend Hall. She liked working with kids, but realized she also had a knack for working with adults. That realization steered Goodin toward her current position.

She really gets into her job. You're likely to see her anywhere

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across campus as she attends functions and ceremonies. On the first day of classes, she gathers up a large stack of campus maps and at 7 a.m. stations herself at a campus location where she feels she will do the most good. When she spots a bewildered student struggling to find the way to class, she points them in the right direction and gives them a map.

Goodin is just as helpful to former MU students who now are active in alumni association chapters around the country. She helps them coordinate chapter events and keep their Tiger ties strong.

Those alumni have given her more than a few of the tigers in her collection. For instance, a delicate calligraphy painting in her office is the Chinese symbol for a tiger; it's a gift from Rocky Mountain Tiger alumni. A tiny glass bottle with a tiger painted on the inside is a gift from Chinese alumni.

She's also working with the alumni association on another Tiger collection: building the association's membership. The goal is to add more than 3,000 members to the current total of 33,500, she says. "We're on the hunt for 37,000 Tigers."

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Dec. 2, 2004

## **Grant helps launch** geospatial program

#### **DIGITAL DATA**

Program will ease state's access to new technology

lthough many people know little about it, one of the hottest U.S. job markets is in a field called geospatial technology. With the help of a grant from the Department of Agriculture, MU's Department of Geography will begin a new geospatial program and hire a specialist who will work to familiarize the general public about the importance of this unique science.

"Most local, state and federal agencies collect geospatial information and use it in making decisions," says Gail Ludwig, professor and chair of geography. "In today's digital society, for example, all highways, watersheds, city boundaries and utility lines consist of digital coordinates. When someone calls 911, a digital coordinate is passed on to the safety office, which then automatically plots this coordinate on a map and quickly and easily routes police, ambulances and other help to the caller."

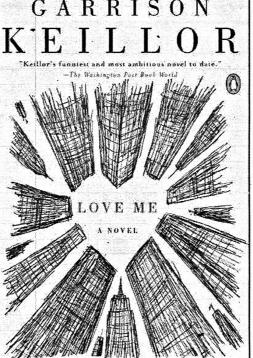
Geospatial data, information that identifies the geographic

location and the natural or constructed features and boundaries on earth, can be derived from remote sensing, Global Positioning Systems (GPS) and other new technologies. MU's new program, "The Missouri Geospatial Extension Specialist Program," is designed to improve and extend decision support tools for water management, agricultural efficiency and ecological forecasting in cooperation with a variety of state partners.

The new program will help improve the creation and flow of up-to-date geospatial information and data to users in the state of Missouri, including access to GPS, digital imagery and other data input to use at the local government level throughout the state.

"The recent change in mapping is causing a major technology crisis, especially at the local government level,' Ludwig says. "Agencies do not have people skilled in the use of these new technologies. They have little experience in remote sensing, digital imagery and GPS, which are all geospatial technologies."





## by Garrison Keillor

An obscure Minneapolis writer is touched by the "kiss of fame" in Keillor's latest, a sly romantic comedy-cum-literary satire that begins when Larry Wyler's first novel, Spacious Skies, takes off and hits the bestseller list. Wyler longs to accept an invitation to go to Manhattan and work for the New Yorker, but his earnest, stodgy wife, Iris, is content to stay in St. Paul and continue her work with the elderly.

The icing on the cake is the use of some obviously autobiographical material from Keillor's publishing experiences in this wry send-up of literary life. (Aug. 18) Forecast: Keillor is arguably a better humorist than novelist, and this extended sketch plays to his strengths-it may even draw a few Keillor skeptics. Copyright 2003 Reed Business Information

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#### **CRAFT, BAKE** AND PLANT SALE:

Mizzou Credit Union's annual craft, bake and plant sale. All three locations: First and Broadway, Crossroads Shopping Center, and Buttonwood. Dec. 3, 8:30 a.m. till sold out. All proceeds going to MU Children's Hospital.

#### FOR SALE:

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### **Entrepreneurs are new research focus**

#### **KEYED ON SUCCESS**

Interdisciplinary research approach will involve five academic divisions

nderstanding the conditions that foster success in entrepreneurial ventures will be the focus of new research at MU, thanks to a \$593,792 grant from the Ewing Marion Kauffman Foundation of Kansas City.

The foundation awarded the three-year grant in support of MU's "Advancing Academic Research on Entrepreneurship" project proposed by the Interdisciplinary Entrepreneurship Research Group (IERG). This grant and the formation of the IERG complement UM President Elson Floyd's addition of economic development as a fourth component of the University's mission.

"The Kauffman Foundation views entrepreneurship as an interdisciplinary area of research, teaching and outreach for universities," says Carl Schramm, Kauffman Foundation president and CEO. "The 'Advancing Academic Research on Entrepreneurship' project at MU

captures the interdisciplinary nature of the field." Nineteen faculty members from five academic divisions formed the research group last summer to identify important questions about entrepreneurship that could best be answered through a collaborative, interdisciplinary approach to

research. These divisions include the College of Agriculture, Food and Natural Resources, the College of Arts and Science, the College of Business, the College of Education and the College of Engineering. "I truly believe this project

will produce important findings that will be published in top academic journals and, perhaps equally important, will stimulate significant ongoing entrepreneurship research at MU," says Bruce Walker, project leader, professor of marketing and dean of business.

The project's three distinct research areas include: the dynamics of life sciences startup companies and their tendency toward regional clustering; the creation of new organizations and clusters and those social, institutional and cultural factors that nurture their growth in

high- and low-income communities; and the conditions that yield successful entrepreneurship education programs involving students and faculty from many disciplines. The latter project will investigate entrepreneurship education programs at six universities across the nation.

"The work of the IERG has been extremely collegial and energizing," Walker says. "It's remarkable and very exciting to have faculty members from fields as disparate as industrial engineering, education, management, and agricultural economics discussing how theories and methods from their respective disciplines can be applied to various research questions related to entrepreneurship."

Leading the research teams are Nick Kalaitzandonakes, professor of agricultural economics; Cerry Klein, professor and chair of industrial and manufacturing systems engineering; Peter Klein and Michael Cook, assistant professor and professor respectively of agricultural economics; and Joe Johnston, professor of educational andcounseling psychology.

## Clearing the air

#### NATURAL RESOURCES

Study will document environmental impact of timber harvest

n many underdeveloped and sparsely populated areas across the country, significant changes have taken place in the use of the land. Many acres of hardwood timberland have been cleared for agriculture, mining, development and forestry.

The intensity of these timber harvests has some conservationists concerned that clear-cutting these trees has a detrimental impact on the water quality and biodiversity in these areas. A group of MU researchers is examining whether the current methods of forest harvesting are, in fact, damaging to the environment. "Nearly every state with

significant commercial forest operations has Best Management Practices (BMPs) to protect water quality," says Ryan Mueller, research assistant in civil and environmental engineering. Mueller is leading the project with John Bowders, professor of civil and environmental engineering.

"This project will not only test the efficacy of current BMPs, but also will provide the foundation to further examine harvesting effects on species richness in areas where active forest management occurs."

The researchers are examining 15 sites in the Missouri Ozarks. During the study, 10 sites will be harvested while five will remain unharvested control sites. All sites will be either "intensively" or "extensively" monitored. Four intensively monitored sites are monitored with a combination of automated and manual devices, including water samplers, sediment traps, rising gauge water samplers, rain gauges and stream crest gauges. The 11 extensively monitored sites are monitored entirely with manual instrumentation and are intended to collect "coarse" data for validation of results from intensively monitored sites.

Mueller says the monitoring of sediment and water quality will be performed for one to three years prior to timber harvest in order to quantify the variability parameter

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Dec. 2, 2004

### Engineering receives \$7.5 million gift for facilities

MU has received a \$7.5 million gift from alumni Tom and Nell Lafferre to plan and build engineering facilities on the campus. "The College of Engineering is excited and grateful for the generosity of the Lafferres," says Jim Thompson, dean of engineering. "Their support will help us to remain competitive by offering the very best facilities that give our students the necessary tools to succeed in their engineering careers when they leave the University."

As a result of the donation, the Board of Curators has approved renaming MU's Engineering Building East the Thomas and Nellie Lafferre Hall. The building, located between Francis Quadrangle and Sixth Street, houses the majority of the college's classes and the departments of mechanical and aerospace, industrial, civil and environmental, and chemical engineering.

Tom Lafferre earned his bachelor's in mechanical engineering from MU in 1956. He served in many management and engineering roles at Monsanto, eventually becoming vice president of operations. His wife, Nell, attended MU's College of Education for one year before the couple moved to St. Louis.

#### Study questions school uniform effectiveness

For years, school uniforms were associated with Catholic schools and elite private schools. Since the early 1990s, in an effort to raise academic achievement and curb school violence, a uniform movement has been spreading to public schools across the country. Currently 23 percent of all public schools require students to wear uniforms.

A new book by MU researcher David Brunsma, *The School Uniform Movement and What It Tells Us About American Education*: A Symbolic Crusade, contends that school uniform policies are not effective in either of these efforts

"It is assumed that school uniforms make students feel better about themselves and, in turn, make them more internally motivated to succeed," says Brunsma, assistant professor of sociology. "Several experimental factors can contribute to or contradict this outcome, including parental involvement, communication, student preparedness for school, positive approaches to learning, educational climates and safe schools."

Brunsma's study concluded that schools in which uniform policies were enforced did not experience positive or negative effects overall. There was no empirical relationship between a uniform code and student achievement, substance abuse or violence, Brunsma says. "Despite numerous efforts at summarization, there has yet to be a comprehensive look at the details of experimental research on the issue of school uniforms."

#### MU and Stephens hitch up horse program

Mizzou and Stephens College recently partnered to create two minors that will attract horse lovers to both campuses. The cooperative agreement allows Stephens students majoring in equestrian science to take animal science classes at MU in order to obtain an animal science minor. MU students majoring in animal science can take equestrian science courses at Stephens for an equestrian science minor.

"We developed this new program based on the relationship between our faculty members who teach horse classes and the equine faculty at Stephens," says Paul Vaughn, associate dean of agriculture and the college's director of academic programs. "We might have strengths in certain areas while another college has strengths in other areas."

The strength of animal science at MU lies in the disciplines of genetics, nutrition, reproduction and management of farm animals. Michele Smith, equestrian department chair at Stephens, says that Stephens students will benefit from a more generalized notion of animal science.

Students can begin working on these minors next semester. Although the minors were designed with equestrian and animal science majors in mind, the courses will be available to all students.

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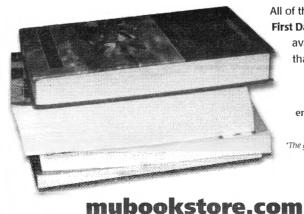
Shulevitz won a Caldecott Medal for his illustrated edition of Arthur Ransome's *The Fool of the World and the Flying Ship*, and has won numerous other awards for illustrating his own books. Not surprising, then, that he'd create such a lovely book as *Snow*, a touching story about childish hope, grumpy pessimistic grown ups, and the wonder of snowfall.

"New snow, that most joyful of childhood happenings, is celebrated in verse that will have young audiences chanting along by the second reading. Westcott propels the proceedings with spring-loaded, cartoony drawings and cheery colors. Jus the thing after a spirited romp in the snow - or when everyone is wishing for one" - *The Horn Book Magazine* 

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