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**Oct. 23, 2008**  
University of Missouri

## 'Strength in Stripes'

**TIGER TIME**

There's more to Homecoming than floats and football

**W**hat started at Ol' Mizzou in 1911 with just a spirit rally, parade and football game has turned into the largest student-run homecoming in the nation. As a result, MU's event recently was named the best homecoming in the country — the only school to hold such an honor — and has been named a model homecoming program by the Council for Advancement and Support of Education.

This year's Homecoming steering committee chose the theme "Strength in Stripes" and selected Juliet Huddy, BA '92, to serve as Homecoming grand marshal. Huddy is co-host of a nationally syndicated talk show, *The Morning Show with Mike & Juliet*.

During her senior year at MU, Huddy worked for KARO-FM, and after earning her degree in political science, she headed to California where she worked as a TV news

reporter in Santa Barbara. In 1998, Fox News hired her as a reporter. She met Mike Jerrick in 2001, when they were paired on *Fox and Friends Weekend*. Their on-screen chemistry led to co-hosting *Dayside*, and Fox launched their nationally syndicated talk show in 2007.

There is more to MU's homecoming celebrations than floats and football. During the month, MU students collect thousands of pounds of food for the Tigers Taming Hunger campaign that benefits the Columbia Missouri Food Bank. Mizzou holds the world's largest blood drive every year and this year, students, faculty and staff participation resulted in more than 4,000 units collected.

Aside from getting the opportunity to wave at Huddy as the parade passes by, through Saturday you can get involved with Homecoming and celebrate MU's students in various ways. These include:

- Campus Decorations from 6 to 10 p.m. Friday in Greektown. The Spirit Rally follows at 7:30 p.m.

- The Homecoming parade starts at 8:30 a.m. Saturday at the corner of Sixth Street and Conley Avenue and winds through campus and downtown.

- The Mizzou Alumni Association Member Appreciation Tailgate, 3 p.m. Saturday at the Hearnes Center Fieldhouse. Register at mizzou.com or call 1-800-372-6822.

- Homecoming game pits the tigers against the Colorado Buffaloes. Kickoff is at 5:30 p.m. Saturday at Memorial Stadium. Call 1-800-CAT-PAWS for tickets.

"Our steering committee has worked countless hours since March in order to help have a successful homecoming for the Mizzou community," says Tiffany Abbott, coordinator of alumni activities. "We are thankful to all of the student volunteers and organizations for their assistance and for the work they do to put on such productions. And we want to thank both the MU and Columbia communities for helping to make Homecoming a great success."



**TIGERTANGO** Hazel Branch cut a rug with MU student A.J. Grathwohl at an Oct. 8 student-led Homecoming event called Tiger Tango at the Columbia Senior Center. Mizzou students dance up a storm with area seniors at the annual event.

Clay McGlaughlin photo

## Wellness fair highlights resources to help faculty and staff stay healthy

**WELL AND GOOD**

Event features free health screenings for employees

**T**he demands of today's fast-paced lifestyle can have an impact on people's health, and University of Missouri employees are no exception. That's why the University established a wellness program in 2006 — the Healthy for Life: T.E. Atkins University of Missouri Wellness Program.

The program provides wellness resources for University employees across Missouri. Those resources address such health issues as tobacco cessation, physical activity, weight reduction and stress management.

As a way to highlight those resources, the wellness program is sponsoring two employee wellness fairs that will feature

free health screenings and health information from a number of exhibitors. Free flu shots will be available for members enrolled in the UM Choice Health Care plan administered by Coventry Health Care.

The first wellness fair will be held from 8 a.m. to 3 p.m. today, Oct. 23, for University of Missouri Health Care employees in the main lobby of University Hospital. A second fair for employees of the MU campus, Extension and the UM System will be held from 8 a.m. to 3 p.m. Oct. 30 at the Reynolds Alumni Center.

Employees who attend the fairs can receive free screenings for cholesterol, blood glucose, skin cancer, weight and blood pressure. Benefit-eligible faculty and staff who bring their Coventry card can also receive a free flu shot, courtesy

of Faculty and Staff Benefits. Other university employees can receive a flu shot at the wellness fairs for \$26.

The wellness program also sponsors an online health risk appraisal at [www.ummedcvtv](http://www.ummedcvtv) for employees to better assess their own health and to give input on the types of wellness programs that would benefit faculty and staff the most.

Nearly 1,400 employees took the health assessment survey last year.

According to that risk appraisal survey: 74 percent of respondents wanted to lose weight over the next six months, 57 percent wanted to reduce stress, 46 percent reported problems with allergies, 25 percent reported problems with back pain and 21 percent had high blood pressure and 31 percent had high cholesterol.

Schopp encourages faculty and staff who haven't already taken part in the risk assessment to do so. But she suggests that employees attend the Oct. 30 health fair before responding to the survey.

One new component of the University's wellness program this year is the availability of smoking cessation resources, including one-on-one telephoning counseling through Coventry Health Care for employees who want to quit smoking. Coventry also is offering nicotine replacement therapy — nicotine patches or gum — at no cost to employees. Effective Jan. 1, 2009, smoking cessation prescription drugs will be covered under the UM medical plan.

Faculty and staff who attend the wellness fair also can learn more about a pilot program that

kicks off next January to promote wellness self-management groups. The idea is to bring together small groups of people in the workplace who will then define and work toward their own health and wellness goals.

The groups can target a wide variety of health behaviors, Schopp says, including everything from drinking more water throughout the day to scheduling regular walks during work breaks.

"The goal is for group members to look carefully at where they are now and decide what realistic goals they can set for themselves — to look at what's really doable," Schopp says. "It just makes so much sense to provide more support in the workplace where people spend most of their waking hours."



**An AAU centennial**

When MU was invited to join the Association of American Universities in 1908, it was only the fifth public university in a distinguished group of what were mostly Ivy League schools. The organization was founded in 1900 by the nation's leading research universities with a goal to demonstrate the equality of top U.S. universities with those in Europe. It remains the most prestigious proponent of research-intensive universities in the nation.

Mizzou is celebrating its first 100 years of membership in the organization this year

with a centennial address by AAU President Robert Berdahl, "Research Universities: Addressing Societal Issues of the 21st Century." Berdahl, the former chancellor of the University of California at Berkeley and former president of the University of Texas at Austin, will speak at noon Monday, Oct. 27, in the Bond Life Sciences Center's Monsanto Auditorium.

Theater Professor Clyde Ruffin will give a celebratory reading of "The University," and Alaine Arnott, president of Graduate Professional Council will present the students' "Call to Action." A reception will follow in McQuinn Atrium.

**Mizzou mentors**

MU has made a name for itself by providing undergraduates with unparalleled opportunities to conduct research with some of the nation's preeminent scientists and scholars. Throughout October, students and faculty have been celebrating Undergraduate Research Month with a series of talks and panel discussions about how best to take advantage of those opportunities.

Today, Oct. 23, there is a presentation "Graduate School and Fellowships: Take Control of Your Future" about graduate school selection, funding and

the application process from 3 to 4 p.m. in S203 Memorial Union. Next Tuesday, the MU Undergraduate Research Scholars Program will present "Research: It's Not Just for Scientists Anymore" about "non-science" research and creative projects that are funded from 3 to 4 p.m. Oct. 28 in S203 Memorial Union.

**Treats aren't tricky**

The United Nations Children's Fund, or UNICEF, makes a big difference for children around the world. Emily VanCourt, an MU doctoral candidate in education, is determined to make a difference as well. She is passionately involved in the organization's annual Halloween fund-raising program called Trick-or-Treat for UNICEF. Participants go door to door with orange UNICEF boxes asking for donations rather than candy.

VanCourt has set a goal of raising \$3,000 before the Nov. 7 deadline. "It's a big deal in my family," she says.

**New state law requires MU to verify students' legal residence**

**'PUBLIC BENEFIT'**

Effort will target only students not already verified

Illegal immigration was a hot-button topic during the last legislative session at the state Capitol in Jefferson City. When the session ended in May, lawmakers had passed legislation, known as House Bill 1549, which barred unlawful aliens in Missouri from receiving a "state or local public benefit."

The new law is having an impact on colleges and universities in Missouri. Specifically, the law denies to illegal immigrants any public benefit, such as "any grant, contract, or loan provided by an agency of state or local government; or any retirement, welfare, health, postsecondary education, state grants and

scholarships, disability, housing, or food assistance benefit under which payments, assistance, credits, or reduced rates or fees are provided."

MU will verify that students enrolled in the university and attending classes are here legally, says Brenda Selman, university registrar. With an enrollment of just over 30,000 students, that could be a big headache.

The registrar's staff has been working since this summer to make the verification process as simple as possible for everyone involved, Selman says. "What we've tried to do is only require

students to show us their verifying information if we can't determine their legal status from information we already have."

For instance, when students apply for Mizzou ID cards they are required to show a government-issued ID card, which would include any of the documents the new Missouri law says is adequate proof of citizenship or legal residence. Or, if a student has filled out the ubiquitous Free Application for Federal Student Aid, the federal

government automatically checks those applications against Social Security files to ensure

the student's citizenship and legal standing. And if a student is employed by the university, his or her legal standing already has been verified.

Selman says. "We're narrowing down the group of students affected, and only the students we can't already verify will we need to ask for documentation."

The registrar's office will communicate individually with those for whom status can not be verified and ask them to come in and provide the necessary documentation — which can include state drivers' licenses, U.S. birth certificates or passports, or other proof of citizenship or naturalization. Students also will be able to mail in or fax those documents.

What impact will the new state law have on faculty and

staff at MU? "It simply won't," Selman says. "The only impact for faculty and staff might be having students ask them questions about the new policy."


Her staff has been trying to make as much information as possible available to students, including online explanations on the "myZou" system. Preregistration for the winter semester begins Oct. 27. This week the registrar's office began placing "holds" on students who still need to verify their legal status, sending them e-mails to explain they won't be able to preregister until they provide the documentation.

MU has coordinated its verification program with other University of Missouri campuses, Selman says. "The electronic process we've built is pretty much the same for all the campuses. We've been talking to and trying to coordinate with other Missouri institutions that also are impacted by this new law as well.

"MU is simply making sure it is complying with the new state law, like all other colleges and universities in the state," Selman says. "We're trying to make it as easy as we can on students."

*"MU is simply making sure it is complying with the new state law, like all other colleges and universities in the state."  
— Brenda Selman, MU registrar*

**Financial Planning Seminar for Faculty and Staff**



**October 28, 2008 3-5pm**  
**Jesse Wrench Auditorium**

Presented by Deanna Sharpe,  
MU Associate Professor of Financial Planning

This seminar is open to all faculty and staff interested in FINANCIAL PLANNING

To register, go online to:  
<http://www.umsystem.edu/ums/departments/hr/benefits/seminars>

Space is limited. No reservations by phone.  
Register online by October 27.

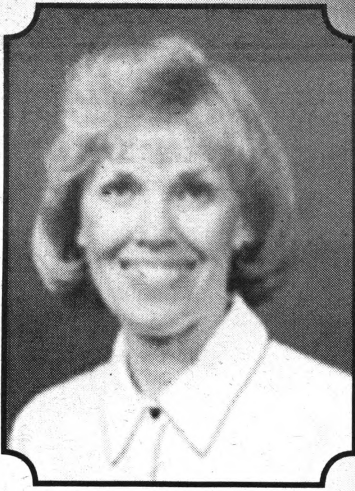
**Faculty and Staff Benefits**

*The faculty, staff and students of the Department of Civil & Environmental Engineering would like to thank*

**Kay Goben**

*for her positive attitude and tireless energy during more than 19 years of dedicated service to the University of Missouri. We wish her the best upon her retirement.*

**Reception:**  
**Thursday, October 30 1:00-2:30 p.m.**  
**W1004 Lafferre Hall**



**MizzouWeekly**

**Volume 30 No. 9**

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**Editor** John Beahler

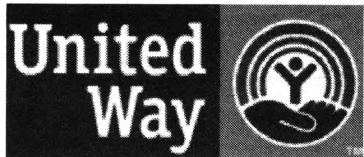
**Advertising** Caitlin Flynn, Scott Reeter

**Photographers** Clay McGlaughlin, Nicholas Benner, Rob Hill

**Writer/designer** Sue Richardson

"I did it growing up. My mom did it growing up. It's something that's always been in the back of my mind."

There are a number of ways that the MU community can get involved, VanCourt says: Donate money in orange UNICEF boxes placed around campus, especially in Hill and Townsend halls. If you are interested in fundraising, contact her at eavk95@mizzou.edu for materials and information. Or keep an eye out and donate when you see College of Education Student Council members fundraising at campus events like Homecoming.



**Over the hump**

In the fourth week of the United Way campaign, pledges from the university community surged past the halfway mark to raise 59 percent of the \$600,000 goal for the 2008 campaign. As of Oct. 20., university faculty, staff and retirees had raised \$354,403. That's slightly less than last year at this time, when the university had raised \$366,354 or nearly

64 percent of the goal.

Campaign leaders say there is still plenty of time to make a donation, although pledge cards are due in at the end of October. They say the combined effort by members of the university family puts this campus first in the Big 12 and in the top 15 nationally for support of United Way in the community.

That effort helps the Columbia-area community during tough economic times, and it also makes a difference for the university community. One in three MU students, faculty and staff benefit directly from United Way at some time, says Jim Spain, vice provost

for undergraduate studies and a 2008 campaign tri-chair. Some of these services include subsidized daycare services, health care for families of employees, shelter for abuse victims, home-delivered meals for retired or recovering employees and assistance for victims of fires.

**For your benefit**

Every autumn at about this time, faculty and staff have a chance to review their enrollment in the university's benefit plan and make changes to their enrollment in some of those benefit offerings. The Faculty and Staff Benefits

office mailed out a notice to all eligible employees over the past several weeks. The mailing included a CD with detailed information about changes to the plan.

If employees don't wish to make changes to their benefit plan, they do not need to submit any forms. If they do wish to make changes, enrollment forms must be returned to the benefits office by Friday, Nov. 7. Those faculty and staff who wish to enroll or re-enroll in a flexible spending account for unreimbursed medical or dependent care expenses must submit an enrollment form by the Nov. 7 deadline.

**New MU research institute arrives with a flourish**

**NEW PERSPECTIVES**

Research will focus on previously unexplored chemistry

**B**oron neutron capture therapy may be too complex for most individuals to understand. However, Fred Hawthorne has been working on this therapy for more than 30 years. Hawthorne, the director of the new University of Missouri International Institute of Nano and Molecular Medicine, says the therapy may one day be the key to treating some of the deadliest cancers humankind has known.

Hawthorne and his research team came to Mizzou in August

2006 to use a rare collection of biomedical and nuclear science expertise in the same location.

His vision was to establish an institute that would combine his expertise in boron chemistry and biomedicine, while enhancing the collaboration in biological and nuclear sciences. He hoped to create an institute to explore the possibility of treating diseases such as cancer and arthritis from a new perspective, using an old scientific discovery.

"We came here to do something that has never been done before," Hawthorne says. "The University of Missouri has three features that separate it from other universities in the country. First, it is an example

of a small number of universities in the United States with a large number of science disciplines and humanities on the same campus. Second, the largest university research reactor is located at MU and is situated a 'chip shot' away from our laboratory. Finally, it has very strong, collegial biomedicine departments. This combination is unique. We needed a place to conduct our research, but we needed the right place to do it."

On Oct. 20, MU officials dedicated the institute's \$10


million research building located in Research Park.

The institute is a campuswide research center dedicated to the discovery and application of basic and translational medical science based upon previously unexplored chemistry, combined with nanotechnology and bioscience. Currently, the new institute is staffed with four faculty members in chemistry and radiation biology. A research team of nearly 25 researchers is employed currently, and an additional 15

to 20 researchers are expected to join in the next two years.

The institute's research team is engaged in multifaceted research projects involving the creation of novel materials, devices and agents enhanced by nanotechnology. These discoveries have applications in medicine and other related science fields.

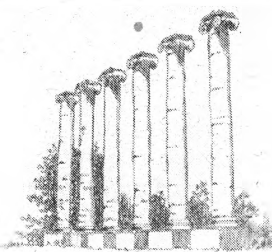
The dedication of the institute was celebrated with a three-day international symposium featuring the discovery of new chemistry and its interface with biology, nanoscience and translational medicine.



**Parking & Transportation Services**  
Turner Avenue Garage  
Level 2  
882-4568

Departments may purchase temporary permits for special events or to keep on hand for the use of their guests. The permits are \$3 per day or \$9 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 [parking.missouri.edu](http://parking.missouri.edu)

[parking.missouri.edu](http://parking.missouri.edu)



*In honor of  
MU's 100th anniversary  
as a member of the  
Association of American Universities*


Chancellor Brady J. Deaton  
invites you to  
**"Research Universities:  
Addressing Societal Issues of the 21st Century"**

featuring AAU President  
Robert M. Berdahl


with a celebratory reading of "The University" by Professor of Theatre  
Clyde Ruffin

and the students' "Call to Action" by  
Graduate Professional Council President  
Alaine Arnott

**Monday, October 27, 2008**  
Noon  
**Monsanto Auditorium, Bond Life Sciences Center**  
Reception to follow, McQuinn Atrium

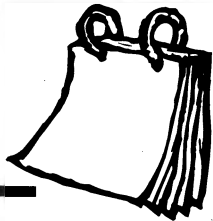


Dr. Berdahl has a long and distinguished career both as a scholar in history and a higher education administrator. Most recently he served as chancellor of the University of California at Berkeley and was former president of the University of Texas at Austin.





# calendar



## Concerts & Plays

### Thursday, October 23

**THEATER SERIES: *Life & Literature in Performance*** will feature graduate and undergraduate performance work at 8 p.m. today and Oct. 24 & 25 in the Corner Playhouse. This event is free and open to the public.

### Friday, October 24

**MSA/GPC CONCERT:** Grammy Award-winning hip-hop artist Common will perform at 8 p.m. in Jesse Auditorium. Tickets available from Brady Commons box office.

### Sunday, October 26

**GUEST ARTIST RECITAL:** John Mueller will perform on euphonium and trombone at 5 p.m. in Whitmore Recital Hall. Suggested donation: \$5.  
**ODYSSEY:** The Odyssey Chamber Music Series will perform at 2 p.m. at the First Baptist Church.

### Tuesday, October 28

**FACULTY RECITAL:** The Missouri Quintet will perform at 8 p.m. at Whitmore Recital Hall.

### Saturday, November 1

**SPECIAL EVENT:** The Champion of Champions marching bands festival will feature high school bands from around Missouri throughout the day at Faurot Field.

## Courses & Workshops

### Monday, October 27

**COMPUTER TRAINING:**

- "Photoshop CS# 1: Selections & Layers" will be offered at 1 p.m. at N3 Memorial Union.
- "6416: Updating Your Network Infrastructure and Active Directory Technology Skills to Windows Server" will be offered at 10 a.m. at 226 Heinkel.

Online registration is required at training.missouri.edu.

### Tuesday, October 28

**COMPUTER TRAINING:**

- "Creating Web Pages" will be offered at 1 p.m. at N3 Memorial Union.
- "Acrobat 8 Professional" will be offered at 1 p.m. at 4D11 East Ellis Library.

Online registration is required at training.missouri.edu.

### Wednesday, October 29

**COMPUTER TRAINING:**

- "Access 2007 Fields & Tables" will be offered at 8:30 a.m. in N3 Memorial Union.
- "PowerPoint 2007 Primer" will be offered at 1 p.m. in N3 Memorial Union.
- "Leverage Outlook Tasks to Boost Your Productivity" will be offered at 8:30 a.m. in 4D11 East Ellis Library.

Online registration is required at training.missouri.edu.

### Thursday, October 30

**COMPUTER TRAINING:**

- "Excel 2007 for Starters" will be offered at 8:30 a.m. in 4D11 East Ellis Library.
- "Illustrator CS3 2: Layers, Text & Colors" will be offered at 8:30 a.m. in N3 Memorial Union.
- "Excel 2007 Function Fun" will be offered at 1 p.m. in N3 Memorial Union.

Online registration is required at training.missouri.edu.

### Friday, October 31

**COMPUTER TRAINING:** "Word 2007 Tables, Graphics & SmartArt" will be offered at 8:30 a.m. in N3 Memorial Union. Online registration is required at training.missouri.edu.

## Exhibits

**BINGHAM GALLERY:** "Self-Assessment and Systems of (il)logical Compilations" featuring the works of Christine Holtz is on display through Nov. 15. The museum, located in the Fine Arts Building, is open from 8 a.m.-5 p.m. weekdays.

### MUSEUM OF ART & ARCHAEOLOGY:

- "The Fine Art of Living: Luxury Objects From the East and West" is on display through spring 2009.
- "Missouri Through Lens and Palette" features artwork and photography showing the people and lands of small-town Missouri throughout the 20th century and will be on display through Dec. 24.
- "William Hogarth's Marriage a la Mode," which satirizes fashionable marriages of convenience between members of the aristocratic and working classes, will be on display through Feb 1.

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.

### STATE HISTORICAL SOCIETY:

- "1908-2008: 100 Years of Election Cartoons" will feature original editorial cartoon drawings that provide critique and commentary on a century of presidential elections in the United States and will be on display through January 3.
- "Engelhardt on Elections" will feature Thomas Engelhardt works from the society's collection as well as Engelhardt's personal collection and will be on display through Jan. 17.
- "Politics and the Press: 200 Years of Missouri Newspapers" will illustrate how Missouri newspapers have reported on the political life of the state since 1908 and will be on display through January 2009.

The gallery hours are 9 a.m.-

4:30 p.m. Tuesday-Friday, 9 a.m.-3:15 p.m. Saturday and Mondays by appointment.  
**WESTERN MANUSCRIPTS COLLECTION:** "Between the Lions" explores the connection between the Missouri School of Journalism and China in the early 20th century and will be on display through January 2009 at the Western Historical Manuscripts Collection on the west side of Ellis Library. The collection hours are 8 a.m.-4:45 p.m. weekdays and 8 a.m.-3:30 p.m. Saturday.

## Lectures & Seminars

### Thursday, October 23

**BIOCHEMISTRY SEMINAR:** Gustavo Caetano-Anolles, professor of bioinformatics at the University of Illinois at Urbana-Champaign, will present "The Origin, Structure and Evolution of the Protein World" at 1 p.m. in the Life Sciences Center's Monsanto Auditorium.  
**NUTRITIONAL SCIENCES SEMINAR:** Willis Samson, professor of pharmacological and physiological science at St. Louis University, will present "Novel Feeding Peptides and Autonomic Function" at 4 p.m. in Acuff Auditorium, MA217 Medical Sciences Building.

### Friday, October 24

**LITERARY ARTS TALK:** Short story writer and novelist Moira Crone will present a "craft talk" about her approach to writing at 4 p.m. in 104 Tate, and will give a joint reading with author Rodger Kamenetz at 7:30 p.m. in 106 Pickard Hall.

### Saturday, October 25

**SATURDAY MORNING SCIENCE:** Suchi Guha, associate professor of physics and astronomy, will present "Plastic Power" at 10:30 a.m. in the Life Sciences Center's Monsanto Auditorium.

### Monday, October 27

**JOURNALISM SEMINAR:** Gil Klein, the National Press Club's director of First Amendment programs, will present "The Future of News" and moderate a panel discussion with local journalists about the future of the news business at noon in 200 Reynolds Journalism Institute.

### Tuesday, October 28

**PHARMACOLOGY & PHYSIOLOGY SEMINAR:** Graduate student Hongyan Dai will present "The Role of Leukocyte/Endothelial Cell Interaction in Arteriolar Vasoregulatory Dysfunction during I/R" at 9 a.m. in Acuff Auditorium, MA217 Medical Sciences Building.

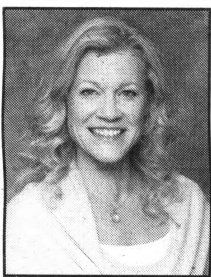
### BIOENGINEERING

**SEMINAR:** Wei Sun, professor of mechanical engineering at Drexel University, will present "Biomanufacturing for Tissue Science and Engineering" at 4 p.m. in 105 Agricultural Engineering Building.

### Wednesday, October 29

**BIOLOGICAL SCIENCES SEMINAR:** Mark Ungerer, assistant professor of ecology and evolutionary biology at Kansas State University, will present "The Evolution of Genes and Genomes in Plants"

The Robert J. Trulaske Sr. College of Business presents a Distinguished Alumni Lecture



## "Building Global Brands in the Youth Market"

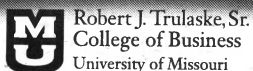
**Jean A. McKenzie**

Senior Vice President, Learning • The Walt Disney Company

Jean McKenzie is starting a new division of the Disney Company that is focused on creating fun and engaging educational programming for young children around the world. Previously, McKenzie served as president and CEO of Gateway Learning Corporation, the company that markets the Hooked on Phonics brand. She also led Mattel's Worldwide Barbie division for nine years.

Thursday, October 23, 2008 • 3:45 – 4:45 pm  
 Bush Auditorium • Cornell Hall

This lecture is free and open to the public



Parking is available on the upper level of Turner Avenue Garage. • 882.6768 • business.missouri.edu

**The Staff Advisory Council  
 wants to wish everyone a safe and happy  
 Homecoming 2008.**

# Go Tigers!

**M Staff Advisory Council**  
 Working for You  
<http://staffcouncil.missouri.edu>



at 3:30 p.m. in 106 Lefevre Hall.  
**PEACE STUDIES LECTURE:**  
 Jonathan Schell, a former visiting fellow at the Yale Center for the Study of Globalization, will present "The New Shape of Nuclear Danger" at 7:30 p.m. in Gannett Hall's Fisher Auditorium.

**Thursday, October 30**

**NUTRITIONAL SCIENCES SEMINAR:** Vicki Conn, professor of nursing, will present "Physical Activity Interventions Among Chronically Ill Adults: Meta-Analysis of Health and Behavior Outcomes" at 4 p.m. in Acuff Auditorium, MA217 Medical Sciences Building.

**Saturday, November 1**

**SATURDAY MORNING SCIENCE:** Tony Lupo, associate professor of soil, environmental and atmospheric sciences, will present "Global Warming: Attribution, Who Is Really to Blame?" at 10:30 a.m. in the Life Sciences Center's Monsanto Auditorium.

**Films**

**Wednesday, October 29**

**MSA/GPC FILM:** *Moliere* will be shown at 8 p.m. in Memorial Union's Wrench Auditorium.

**Thursday, October 30**

**SPIRITUALITY & HEALTH FILM SERIES:** *Flight from Death* will be shown at 7 p.m. in Memorial Union's Wrench Auditorium.

**Friday, October 31**

**MSA/GPC FILM:** *The Dark Knight* will be shown at 7 & 9:30 p.m. today and Nov. 1 in Memorial Union's Wrench Auditorium. Cost: \$1.

**Special Events**

**Saturday, October 25**

**MUSEUM EVENT:** "Haunted Museum" will allow families, children, students, and grownups to tour the Museum of Art & Archaeology and see various artwork come to life from 6-8:30 p.m.

**4-H program helps attract kids to science**

**ACTIVE LEARNING**

Kids have fun and learn at the same time

**S**tudents poured into an MU chemistry lab Oct. 9, put on goggles, grabbed aprons and waited for instructions at their lab stations. But on this day, instead of 20-something college students, the lab was filled with MU Extension 4-H members from Boone County.

Ranging in age from 8 to 14,

they were ready to complete an experiment about hydrogels, superabsorbent polymers found in products ranging from disposable diapers to potting soil.

In the experiment, 4-H members extracted hydrogels from a diaper and observed how they reacted with water. The young people formed a hypothesis about how much water their hydrogels could absorb and tested their prediction.

"Part of the purpose is to

have the kids having fun and learning a little bit of science and experiencing that great discovery that happens as the kids are exploring and looking at the different aspects of science," says Bill Pabst, MU Extension 4-H youth specialist.

The learning-by-doing environment gives young people the opportunity to take what they learn in a classroom, integrate it with what they already know and make sense out of it, he said.

The National 4-H Science

Experiment is part of the 4-H Science, Engineering and Technology initiative, a campaign to encourage young people to attain science and technology skills that are in increasingly high demand.

"When you read the national literature, there are alarm bells going off from government and business, parents and teachers, saying that, as a country, we do not have enough young people going into science, engineering and technology fields," Pabst says.

**Celebrate American Pharmacists Month**



When used safely, medications contribute to better health but if taken improperly can cause serious harm. Something as simple as talking to your pharmacist can go a long way in protecting your health, so get to know the friendly and knowledgeable staff at the University of Missouri Health Care Pharmacies. It could save your life.

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For hours and maps, please visit [www.muhealth.org/pharmacy](http://www.muhealth.org/pharmacy).



# Meet your MU Staff Advisory Council

**T**his summer, staff members across campus elected five new members to serve three-year terms on MU's Staff Advisory Council.

The new members are: Adam Duncan, police officer, MU Police Department; Carolyn Crow, administrative assistant, child health; Becky Stafford, administrative associate I, pathology and anatomical sciences; Diane Bartley, manager of accounting services; and Aaron Cook, scholarships coordinator for the Trulaske College of Business.

Marijo Dixon, user support analyst-specialist for Truman School of Public Affairs, was re-elected for a three-year term and also elected 2008-09 council chair. Rebecca Bergfeld, training and development coordinator for environmental health and safety, was elected vice chair, and Amy Lana, was elected recorder.

The 16-member organization was formed in 1978 to serve as a liaison between MU staff and the administration. "I know that the current economic climate will present the university with

new challenges," Dixon says. "I believe it is the job of the Staff Advisory Council to continue to make sure the needs of Mizzou staff are not overlooked. Our goals will continue to focus on benefits, raises and salary concerns, job security, and training and development for staff. I also hope to communicate to staff an understanding of administrative decisions."

The council coordinates the annual staff recognition

week and administers programs like the staff development awards and the educational endowment program.

More information about these programs and the ways staff can contact council members is available at [staffcouncil.missouri.edu](http://staffcouncil.missouri.edu).

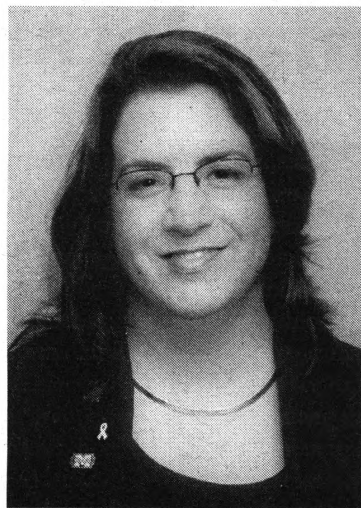
With questions about the council, call Gina Scavone, the council's administrative assistant, at 882-4269 or e-mail [scavoneg@missouri.edu](mailto:scavoneg@missouri.edu).



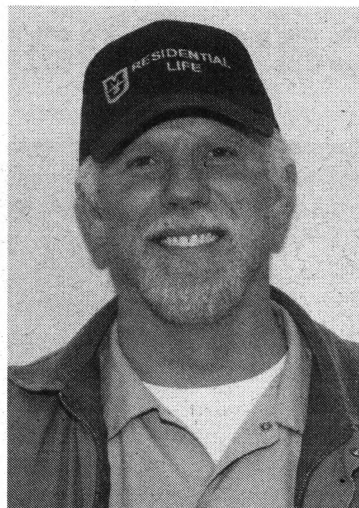
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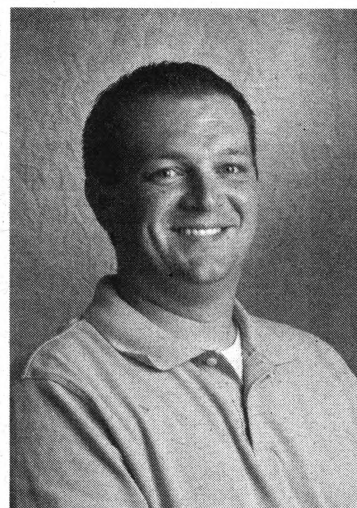
DIANE BARTLEY



REBECCA BERGFELD, VICE CHAIR



RICHARD BLAIR



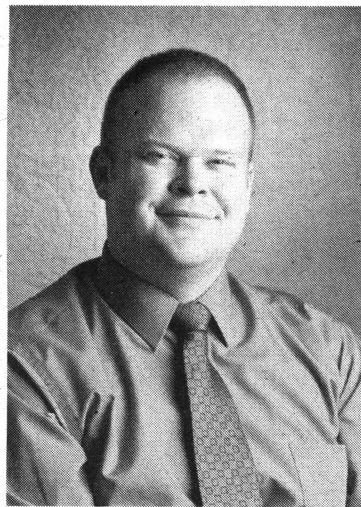
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CAROLYN CROW



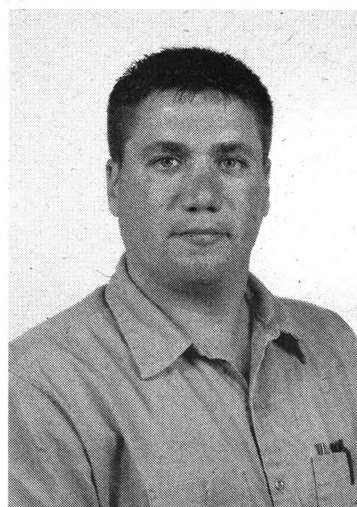
MARIJO DIXON, CHAIR



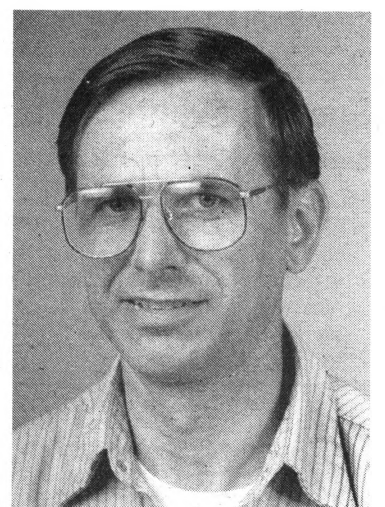
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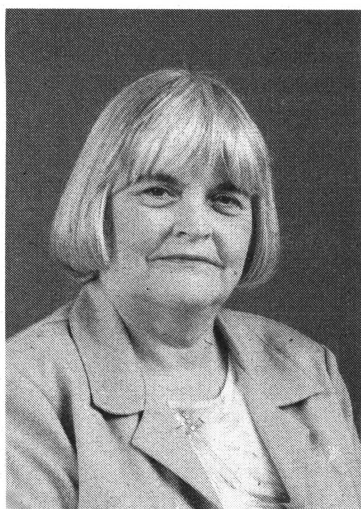
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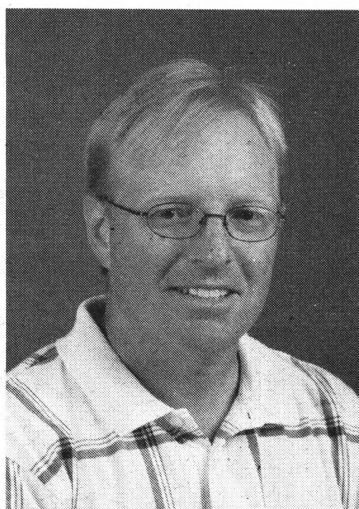
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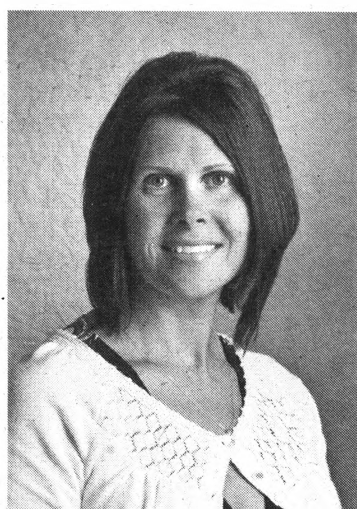
AMY LANA, RECORDER



SUZANNE LIPPARD



BILL MCINTOSH



BECKY STAFFORD



LINDA TURNER



# MU Brain Imaging Center opens doors to research

## AT THE FOREFRONT

MRI sets Mizzou apart in neuroimaging research

Recently, MU's Department of Psychological Sciences added to their research capabilities with the opening of the Brain Imaging Center (BIC).

The center will allow MU scientists to conduct behavioral research that can have tremendous impact on diseases, including Parkinson's disease, autism, schizophrenia and other neurocognitive disorders using magnetic resonance imaging (MRI) technology.

"The Brain Imaging Center is a state-of-the-art neuroimaging research facility that allows us to propose and conduct neuroimaging research on a scale that has not been possible at the university," says Shawn Christ, assistant professor of psychology.

According to Christ, the center will set MU apart from other universities that

have restricted access to hospital equipment. It will enhance the school's faculty recruitment, grant funding and breakthrough research.

Magnetic resonance imaging technology lets researchers collect behavioral data by producing pictures of the brain. Human brains respond to certain activities by transferring blood to specific areas. The machine produces images of the blood flow, which gives researchers insight into how the brain functions and the similarities and differences of various mental activities.

"This center has allowed our department, as well as the broader university research community, to remain at the forefront of research on the diagnosis and study of the causes of neurocognitive disorders such as autism, schizophrenia and Parkinson's disease," Christ says. "My laboratory recently initiated a grant-funded project that will

utilize the MRI in an effort to increase our understanding of the cognitive and neural dysfunction experienced by individuals with autism."

MU is one of the few academic institutions to have this technology available on campus and accessible for all departments and surrounding technological, scientific and pharmaceutical industries.

Nelson Cowan, the imaging center's director and professor of psychology, is studying language and working memory and will use the machine to investigate the theory that there are parts of the brain that integrate memories from all sensory modalities. Cowan also is studying if there is one central area where all information is kept in the brain.

"Research of this kind is a type of philosophy. You're learning about human consciousness, and the more people understand about the human mind, the better they understand each other," Cowan says.

# Current events

## CHEMICAL SIGNATURE

Fish scales help reconstruct ancient ocean currents

Even though the Cretaceous Period ended more than 65 million years ago, clues remain about how the ocean water circulated at that time. Measuring a chemical tracer in samples of ancient fish scales, bones and teeth, Researchers at MU and the University of Florida have studied circulation in the Late Cretaceous North Atlantic Ocean.

The Late Cretaceous was a time with high atmospheric levels of carbon dioxide and warm temperatures. Understanding such ancient greenhouse climates is important for predicting what may happen in the future. The new findings contradict some previous models.

Water masses are naturally imprinted with a chemical signature that reflects the geology in the land masses surrounding the area where they form. They carry this signature with them as they travel through the oceans, and the signature is recorded by fish skeletal material. If this fish debris is fossilized, so is the signature.

Missouri and Florida researchers collected 45 samples of 95- to 65- million-year-old fish debris from the Demerara Rise in the tropical western North Atlantic Ocean off the coast of Surinam and French

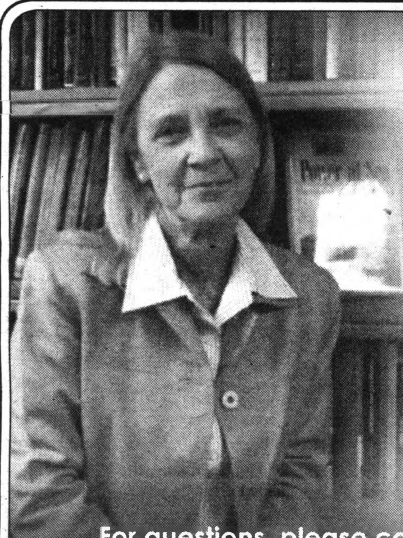
Guyana. They measured the chemical signature of these samples to estimate the source and circulation of intermediate waters during the Cretaceous Period.

"This technique allows us to track how water flowed in the Cretaceous oceans better than has been possible previously," says Ken MacLeod, associate professor of geological sciences.

"Constraining ocean circulation patterns during greenhouse times, especially across the very large changes in the global carbon cycle that occurred during the interval we studied, is giving us a better understanding of how greenhouse oceans behave."

Late Cretaceous atmospheric carbon dioxide levels were two to four times higher than today, which resulted in a greenhouse climate with tropical sea-surface temperatures 7 to 12 degrees Fahrenheit warmer than today.

"The chemical signatures we measured presented two surprising findings. Values were extremely low for open-ocean sites for most of the time between 95 and 65 million years ago, but they were interrupted by a shift that was larger and more rapid than anything previously documented in marine sediments. This shift happened precisely at the time of the largest disturbance to the global carbon cycle of the past 200 million years," MacLeod says.



## Please Join Us

The University of Missouri Press cordially invites you to attend a retirement reception honoring

### Beverly Jarrett

for her 20 years of service as Director and Editor in Chief

October 30, 2008

3:30 to 5:00 p.m.

University of Missouri Press

2910 LeMone Boulevard, Columbia, MO

For questions, please contact Beth Chandler at [chandlerb@umsystem.edu](mailto:chandlerb@umsystem.edu)

## University of Missouri Health Care's Lunch and Learn Series presents

### Pediatric and Adolescent Obesity

Childhood obesity is a growing trend in America. Pediatric Diabetes and Endocrinology Specialist Aneesh Tosh, MD, will share information regarding your child's health:

- Exercise
- Eating healthy
- Pediatric diabetes information

Tuesday, Oct. 28

Noon to 1 p.m.

Christopher S. Bond Life Sciences Center, Room 572

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## Wineries aren't whining

### BUMPER CROP

After 2007 disaster, grapes are flourishing

**T**his year's Missouri grape harvest is larger than the fermentation and storing capacity of some wineries, say industry leaders. "It is an excellent harvest—20 to 25 percent more than anticipated in many instances," says Keith Striegler, director of MU's Institute for Continental Climate Viticulture and Enology.

This harvest follows one of the worst years in Missouri grape production history, when many vineyards lost entire crops due to the "Easter Freeze" of 2007. By contrast, the 2008 harvest is hitting the jackpot.

"In some cases, it's too much of a good thing," Striegler says. "You can't bring in more fruit than you can de-stem, crush or have adequate tank capacity for fermentation and storage."

Winemaker Cory Bomgaars of Les Bourgeois Vineyards says he expects a large yield from the 30-acre Rocheport vineyard, where the storage tanks are full. "We've had to turn down growers who had high quality fruit," Bomgaars says.

The grape industry is growing rapidly in Missouri. The state has 78 wineries and 1,400 bearing acres of grapes, up from 1,200 acres in 2005.

## Mizzou's family plan

### PARENT PERSPECTIVE

Faculty and staff parents have unique view of MU

**T**o help ensure student success, the Student Affairs division makes a point of connecting with parents whose children attend Mizzou. In fact, MU has hosted receptions for parents in Chicago, Dallas and Kansas City, and will soon host another in St. Louis.

"Then someone asked, 'Why aren't we hosting a reception for our own employees whose children attend MU?' It really made a lot of sense for us to do that. Parents are very generous donors to the university, especially to Student Affairs," says Cathy Scroggs, vice chancellor for Student Affairs.

So Scroggs' office organized a reception for parents a little closer to home — in the Great



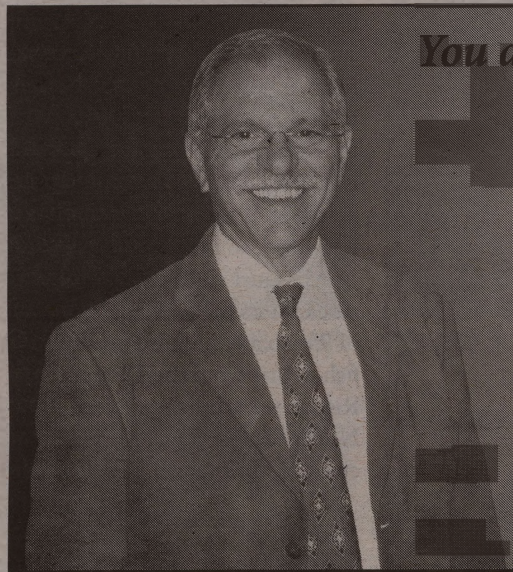
Nicholas Benner photo

**FAMILY AFFAIR** Kandy Hathaway, right, a staff member with the Division of Information Technology, and her sister, Jane Moberg, helped themselves to some tasty appetizers at a wine and cheese reception in the Reynolds Alumni Center Oct. 21 for university employees who are parents of MU students. Hathaway's son, Jeff Hathaway, is a second year student at Mizzou. The reception was sponsored by the Student Affairs division.

Room of the Reynolds Alumni Center Oct. 21. They worked from a list of more than 500 MU employees who take advantage of the university's tuition assistance

for faculty and staff dependents. Those employee parents provide a unique benefit to MU because they can see the campus through their

children's eyes, Scroggs says. "I have two daughters at MU. It really changes how you view what's happening to our students on campus."



You are cordially invited to join colleagues and friends of

## Joseph Camille

Director of Student Financial Aid

at a reception honoring his retirement after 20 years of dedicated service to the University of Missouri

Friday, October 31, 2008

3:30-5:30 p.m.

Jesse Hall, 1st Floor Rotunda

University of Missouri

Columbia, MO



# FALL INTO FITNESS

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UNIVERSITY HOSPITAL LOBBY

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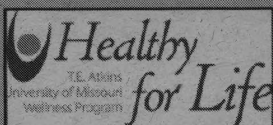
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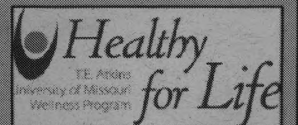
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