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June 26, 2008
University of Missouri

'Destination university'

RECORD-BREAKING

Mizzou is making plans to accommodate burgeoning freshman class this fall

Preliminary freshman enrollment numbers for fall 2008 at the University of Missouri continue to indicate a record freshman class. In order to ensure quality in education, services and housing, MU officials announced that, effective June 16, the university cannot accept additional freshman applications for the fall semester.

"We have been very pleased and excited that so many students want to attend the University of Missouri," Chancellor Brady Deaton said. "However, we want to assure that every student receives the best possible educational experience at Mizzou. In order to do that, we felt it was in their best interests to stop accepting applications for this fall. We will be making every effort to admit additional new students for the spring 2009 semester. We have taken every step possible to accommodate the current numbers while maintaining our

educational standards, and it is our judgment that we must take this action to assure quality."

Preliminary figures show that more than 5,860 freshmen have paid the initial enrollment deposit for the fall semester. If the number does not change, it would represent the highest freshman class on record. Last year's opening day freshman enrollment was 5,027. The official enrollment, which is determined after the 20th day of classes, was 4,982.

In comments to local news media last week, Deaton said the university has been monitoring application and enrollment trends closely over the past year. Usually, enrollment officials have a good handle on the fall enrollment numbers by May 1 of each year.

"We have been planning all year — monitoring and making adjustments. As we saw the enrollment building we intensified that," he said. "As the enrollment simply kept coming in greater numbers this summer, we realized if we allowed it to go on we were going to be confronted by another 100 or

more new students, and that was beyond even our most optimistic expectations."

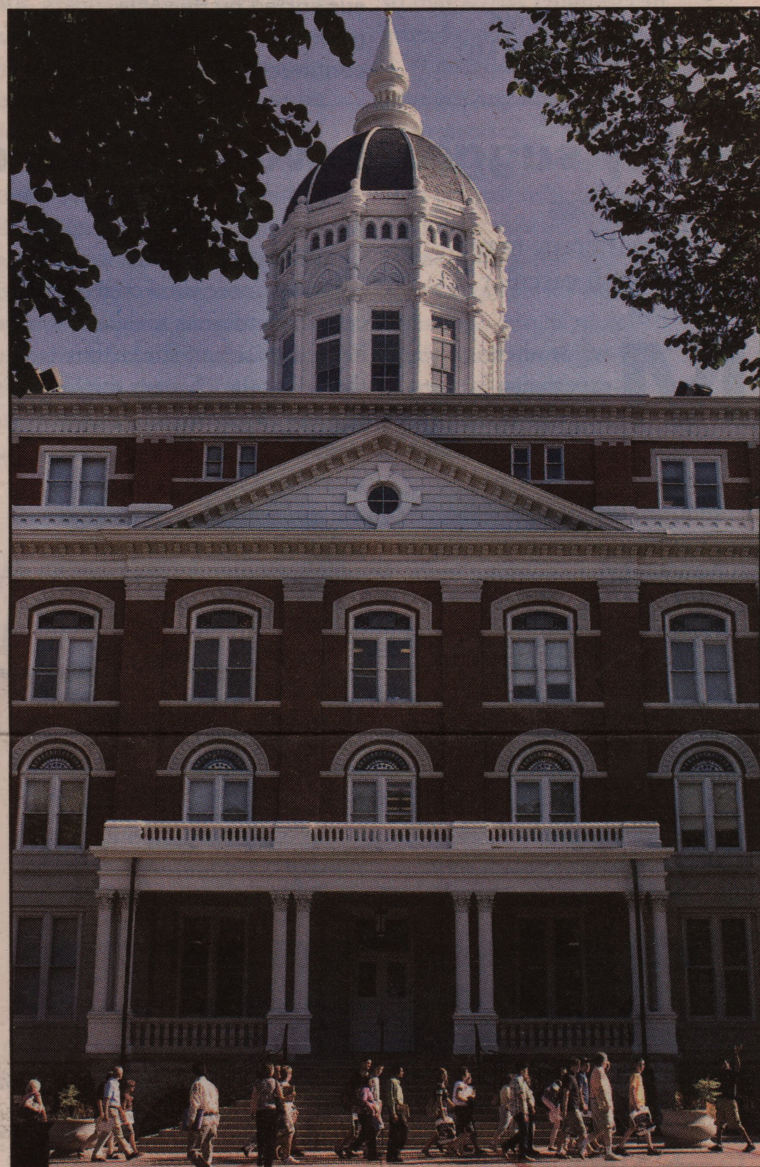
MU officials attribute the increase to successful student recruitment practices, the academic reputation of the university, improvement in campus facilities and grounds, and increased recognition of Mizzou with the recent success of the football program.

Deaton said the perception that prospective students and their families have about MU has been changing in recent years. "Students are more and more looking to our university as one of the great places in the nation to study, and that simply is generating more enrollment," he said. "We are really the destination university in the state of Missouri."

PLANNING FOR A PEAK

Projected record-breaking enrollment this fall has increased the demand for Mizzou's Summer Welcome program. Officials were forced to stop accepting applications to MU June 16 in order to ensure quality education, services and housing.

Nicholas Benner photo



Mizzou announces new research vice chancellor and nursing dean

LEADERS NAMED

Eminent academics will come on board this summer

Provost Brian Foster announced recently that two key leadership positions at MU have been filled.

Judith Fitzgerald Miller, associate dean for graduate programs and research at the Marquette University College of Nursing, has been named dean of MU's Sinclair School of Nursing, effective Aug. 1.

Robert Duncan has been appointed as vice chancellor for research at MU, effective Sept. 1. Duncan is the chief operating officer of the New Mexico Consortium, an organization that builds scientific connections around the world for New Mexico's research universities,

and he is founding director of the Institute for Advanced Studies at Los Alamos National Lab.

Duncan, a native of St. Joseph, Mo., earned a bachelor's degree in physics from MIT and a doctorate in physics from the University of California-Santa Barbara. He has served as a physics and astronomy faculty member at the University of New Mexico and at Caltech, and as associate dean for research in the College of Arts and Sciences at New Mexico.

An expert in low temperature physics, Duncan has conducted research that will provide critical information for future NASA missions. He has worked to fund major conferences and summer schools in quantitative biology, information science

and technology, energy and environment, and astrophysics and cosmology.

"I want to come to work every day committed to continuing the research success at the University of Missouri."

— Robert Duncan, Mizzou's new vice chancellor for research

To date, he has received more than \$8 million in funding from various sources, including NASA, Los Alamos National Laboratory and the National Science Foundation. Duncan is a fellow and life member of the American Physical Society, and was named

chair of that organization's Instrumentation and Measurement Topical Group.

Foster describes Miller as "a visionary in the field," and Miller says she is thrilled to be coming to MU as dean of nursing. "This is a world-class university that affords the nursing faculty a wonderful interdisciplinary opportunity for their research," she says.

"I'm very excited about where the school is situated in relation to health sciences research."

Miller has studied how hope can benefit patients with chronic illnesses and help them remain positive. She also has conducted research on caring for the elderly

who have dementia. Her research has been funded by the National Institutes of Health, the U.S. departments of education and of health and human services, the American Nurses' Foundation and the Alzheimer's Association.

She received a bachelor's in nursing from the University of Wisconsin-Madison, a master's in nursing from Marquette University and a doctorate in nursing from the University of Illinois at Chicago. She joined Marquette University in 1971 and has served as a professor, associate dean for academic affairs, and interim dean of the Marquette College of Nursing. She has written three editions of her award-winning book, *Coping with Chronic Illness: Overcoming Powerlessness*.

Grant will boost science opportunities for minorities

A \$1.84 million grant from the National Institutes of Health will help Mizzou provide opportunities for minority students to earn doctoral degrees and become scientific leaders in biomedical research. It was provided by the NIH Initiative for Maximizing Student Diversity.

Through MU's Nexus Minority Science Network, the grant will support 40 undergraduate and six graduate students to participate in mentored research projects with MU

faculty members. The Nexus network was established in 2007 by representatives of the Bond Life Sciences Center and the Life Sciences Undergraduate Research Opportunity Program. It unites undergraduate, graduate, postdoctoral and faculty researchers for the purpose of training young scientists.

"MU plays a critical role in Missouri in educating biomedical researchers at the undergraduate and graduate levels," says Linda Blockus, director of undergraduate research. "The programs supported by this NIH grant will ensure that MU continues to educate a diverse

workforce to address some of the most critical concerns of our state and nation including cancer, diabetes, heart disease, nutrition and the aging population."

Mizzou has several programs for underrepresented minority students in the sciences. The McNair Scholars Program prepares juniors and seniors for graduate school by providing them opportunities to conduct research. The EXPRESS program, which is part of the Life Sciences Undergraduate Research Opportunity Program, is offered to freshmen and sophomores from underrepresented

ethnic groups. Students in the program work part time in science laboratories, participate in research projects, and receive mentoring from laboratory team members.

Department is renamed to honor supporters

The School of Medicine last week announced that the Department of Family and Community Medicine will be named in honor of Curtis W. Long and Ann H. Long for their commitment and generosity to MU. The Longs recently made a considerable donation to support the department's

mission of enhancing health and primary care, especially for rural communities.

The Longs' gift will endow the department and fund the Curtis W. and Ann H. Long Rural Medicine Training Program, which will help future family physicians learn how to bring comprehensive medical care to rural areas. The program was developed by Curtis Long, adjunct associate professor of family and community medicine at MU, in conjunction with other faculty members in the department.

Study suggests women use caution in estrogen replacement therapy

SUBTLE SYMPTOMS

Hormone therapy may interfere with vascular regulation

Many women experience menopausal changes in their body including hot flashes, moodiness and fatigue, but the changes they don't notice can be more dangerous. In a new study, researchers at the University of Missouri have discovered significant changes in the brain's vascular system when the ovaries stop producing estrogen. MU scientists predict that currently used estrogen-based hormone therapies may complicate this process and may do more harm than good in postmenopausal

women.

"Before menopause, women are much more protected from certain conditions such as heart disease and stroke, but these vascular changes might explain why women lose this protection after menopause," says Olga Glinskii, research assistant professor of medical pharmacology and physiology and lead author of the study.

"Because the body eventually will naturally adapt to the loss of estrogen, we advise extreme caution when using estrogen-based therapy in postmenopausal women."

In their study, MU researchers removed the ovaries of pigs, which have a reproductive cycle similar to humans, to create

"Because the body eventually will naturally adapt to the loss of estrogen, we advise extreme caution when using estrogen-based therapy in postmenopausal women."
 — Olga Glinskii, research assistant professor of medical pharmacology and physiology

postmenopausal conditions. Two months after the ovaries were removed; they observed dramatic differences in the brain's vascular system. There was a huge loss of micro vessels, and blood vessels became "leaky."

"Eventually, however, the body starts to recognize that it needs blood vessels and starts to adapt through natural responses," says Vladislav


Glinskii, assistant professor of pathology and anatomical sciences and the study's co-senior author. "If we start adding estrogen to a system that is learning to adapt without it, we upset this transition process. What happens to the vascular system during menopause is complex on many different levels, and we do not know enough to determine the best

way to use hormone therapy."

Before menopause, the vascular system depends on estrogen for maintenance. When the body decreases its estrogen production, the body is unable to regulate blood vessels like it did before. After a period of deterioration, the body learns to adapt to the estrogen loss and eventually maintains the system in a different way.

"The vascular system is like a roadmap that is always changing," says Virginia Huxley, director of the National Center for Gender Physiology, professor of medical pharmacology and physiology and co-senior author of the study. "The blood vessels are the highways that transport oxygen and other nutrients in our body. After menopause, women are more likely to develop vascular diseases in the 'side streets' or the tiny vessels. In these vessels, the symptoms are more subtle and harder to identify."

The study "PDGF/VEGF System Activation and Angiogenesis Following Initial Post Ovariectomy Meningeal Microvessel Loss," was recently published in *Cell Cycle*.



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

Parking Structure #7 Update


As of June 3, 2008, a total of 341 of the parking structure's 1,600 precast pieces have been erected, an average of eight per day.

The contractors are ready now to start topping slabs on the center erected section. The first topping slab may be placed this week.

The criteria for placing topping is that precast welds are completed and inspected and temporary erection braces are in place.

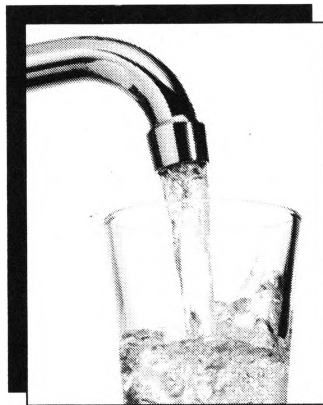
Topping slab areas have been broken down into approximately 50 pours, with the plan being to place two to three per week.

parking.missouri.edu



Environmental Health & Safety

web: ehs.missouri.edu
ehs@missouri.edu
 (573) 882-7018



PUBLIC NOTICE

The University of Missouri-Columbia operates a public water system and is required by law to report annually to the EPA and the public on the state of the quality of the campus water supply. For calendar year 2007, the campus water supply met all EPA quality standards with no regulatory violations.

More information is available at
<http://ehs.missouri.edu/env/drinking-water.html>
 or you can contact EHS for a copy of the 2007 Consumer Confidence Report.

"Working with the campus community to provide a safe and healthful environment."

MizzouWeekly

Volume 29 No. 32

A publication for the faculty and staff of the University of Missouri, published every Thursday during the academic year and twice a month during the summer by Publications and Alumni Communication, a department of University Affairs, 407 Reynolds Alumni Center, 882-7357. News deadline is noon Thursday the week before publication. Annual subscriptions are available for \$30.

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Early childhood education can be a head start for success

CHILD CHALLENGE

Mizzou hosts summit on preschool benefits

Parents and children are not the only ones who benefit from high-quality preschool programs. The economy does, too.

This was the message heard by community leaders at the inaugural Early Childhood Summit, held May 30 at MU. The Boone County Coordinating Board for Early Childhood Education was the host of the three-hour meeting aimed at getting business leaders to see how investing in early education can be the best return on an investment they can make.

"Growing bodies of research show that the early years make a big difference in how well kids do in school and later on in

life," says Phil Peters, professor of law and a member of the coordinating board's planning committee. Peters, who is on leave from the law school, serves as executive director of First Chance Children. The local nonprofit organization's mission is to have every child in Central Missouri arrive at school with the skills they need to succeed. Other committee members representing MU are Anne Deaton, adjunct professor of human development and family studies, and Kathy Thornburg, director of the Center for Family Policy and Research.

Peters says early childhood programs can help eliminate academic achievement gaps, reduce crime rates and dependence on social services and boost the economy through

a more qualified work force. "A lot of children do not have this training in their home or neighborhood so they end up being behind, even before they have reached the kindergarten door," he says. "We have tools to help those kids get ready for school so they will have a good chance at the brass ring as well. Since we have the tools, more and more people are asking their communities to put them to work to make sure the early ed programs are high quality and that they are going to give children a head start, better preparing them for life."

The summit was one way to get the message beyond those who already know about these bodies of research. "We thought the business communities are audiences that need to be persuaded, and we want to start the process of sharing the research with them," Peters says.

Economist Rob Gruenwald gave the keynote address at the

summit, using his own research to show how putting money into early education programs pays off in the long term. Gruenwald, with the Federal Reserve Bank in Minneapolis, spent the past decade working on the economics of early education and is co-author of a study that followed children who attended preschools in the 1960s.

"The results show tremendous community benefits," Peters says. "More of those children, now in their 40s, graduated from high school and acquired better jobs. Fewer of the children needed special education, or are dependent on social services or incarcerated."

When the authors converted those benefits into the standard language of investing, Peters says they concluded that private players who spend money on school readiness programs reap anywhere from \$3 to \$17 for every dollar spent. "That ends up being an average return on

their investment of about 17 percent," he says. "Communities that have the patience to invest in preschools get two-thirds of those benefits after these kids are employed and paying taxes instead of being incarcerated and costing taxes."

With this knowledge in hand, Peters says, the bank is now working with the city of St. Paul, Minn., in a multimillion dollar pilot program to provide scholarships and other incentives so that at-risk children can attend quality preschools.

The May 30 meeting did not produce any immediate plans or projects of this magnitude, because it was designed solely to "get the ball rolling," Peters says. "While business leaders are kid friendly, they, too, are dubious about requests for substantial donations or new taxes. They want you to show them, and we want to accept the challenge."

classifieds

FOR LEASE

Nearby Grasslands: hospitals, stadium, MKT trail, 1/3 acre wooded setting, quiet, 3 bdrm, 3 bath, fireplace, patio, deck, Berber carpet & tiled floors, w/d, ns, no pets. \$1,000. includes lawn care. CONTACT: BHW3602@aol.com or (573) 256-8554.

SEEKING HOUSE TO RENT

Professional MU employee with 2 well-behaved cats seeking house to rent near campus. 2-3 bedrooms \$500-\$750/month. 14 years in present home. (573) 657-4102.

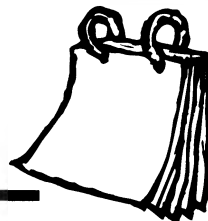
FOR SALE

Bedroom Set: honey oak, twin headboard, metal frame, double dresser, mirror, night-stand, desk/hutch, very nice condition, \$375. Full size, brass-plated headboard porcelain finials, \$25. (573) 875-0584 evenings and weekends.

The classified advertising section is open to faculty and staff members and retirees.

Mizzou Weekly Classifieds: Make check payable to University of Missouri and send to Classifieds, Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, Mo. 65211

calendar



Concerts & Plays

Wednesday, July 2

SUMMER REPERTORY THEATER: The musical *Cabaret*, directed by James Miller and featuring a live orchestra, will be presented at 8 p.m. today and July 3, 5, 11, 17, 19 and 25, and at 2 p.m. July 6 and 20 in Rhynsburger Theatre. For ticket information, call 882-PLAY.

Thursday, July 10

SUMMER REPERTORY THEATER: *Sanders Family Christmas*, the sequel to *Smoke on the Mountain* directed by Clyde Ruffin and featuring a live orchestra, will be performed at 8 p.m. today and July 12, 18, 24 and 26, and at 2 p.m. July 13 and 27 in Rhynsburger Theatre. For ticket information, call 882-PLAY.

Exhibits

MUSEUM OF ART & ARCHAEOLOGY:

- "The Fine Art of Living: Luxury Objects From the East and West" is on display through spring 2009.
- "The Poetry of Nature in Japanese Woodblock Prints" is on display through Aug. 24.
- "Dreams of the Surreal" is on display through July 13.

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.

BINGHAM GALLERY: The "Lifetime Achievement Showcase," featuring work in a variety of media by MU emeritus art faculty

members William Berry, Oliver Schuchard and Robert Bussabarger, is on display through July 10. A reception will be held from 4-6 p.m. June 12. Beginning July 14, the second part of this exhibit will feature emeritus faculty members Lawrence Rugolo, Frank Stack and Larry Kantner. The gallery, located in the Fine Art Building, is open from 8 a.m.-5 p.m. weekdays.

STATE HISTORICAL SOCIETY:

- "Thomas Hart Benton in the 1930s" features Benton's artwork from the decade and provides insight into America's social climate during the Great Depression will be on display in the Main Gallery through Aug. 9.
- "Student Life, Circa 1912: The University of Missouri School of Journalism Scrapbooks" will be on display through Aug. 2 in the Corridor Gallery. The main gallery is open 9 a.m.-4 p.m. Tuesday to Saturday and 5-8 p.m. Tuesday. The corridor galleries are open 8 a.m.-4:30 p.m. Monday to Saturday and until 9 p.m. Tuesdays.

Courses & Workshops

Monday, June 30

- COMPUTER TRAINING:**
- "Flash CS3 4: Special Projects with ActionScript 3.0" will be offered at 1 p.m. in N3 Memorial Union.
 - "Outlook 2007 Primer" will be offered at 1 p.m. in 4D11 East Ellis Library. Registration required; call 882-2000 or register online at training.missouri.edu.

Tuesday, July 1

- COMPUTER TRAINING:**
- "Photoshop CS3 1: Selections & Layers" will be offered at 8:30 a.m. in 4D11 East Ellis Library.
 - "Excel 2007 Primer" will be offered at 8 a.m. in N3 Memorial Union.
 - "Project 2007 Level 1" will be offered at 1 p.m. in 226 Heinkel Building. Registration required; call 882-2000 or register online at training.missouri.edu.

Wednesday, July 2

- COMPUTER TRAINING:**
- "Excel 2007 for Starters" will be offered at 8:30 a.m. in 4D11 East Ellis Library.
 - "Access 2007 Fields & Tables" will be offered at 8 a.m. in N3 Memorial Union.
 - "Project 2007 Level 2" will be offered at 1 p.m. in 226 Heinkel Building. Registration required; call 882-2000 or register online at training.missouri.edu.

Thursday, July 3

- COMPUTER TRAINING:**
- "Excel 2007 Worksheets & 3-D Formulas" will be offered at 8:30 a.m. in N3 Memorial Union.
 - "PhotoShop CS3: Advanced Techniques" will be offered at 1 p.m. in 4D11 East Ellis Library. Registration required; call 882-2000 or register online at training.missouri.edu.

Special Events

Thursday, June 26

NATIVE PLANT DAY: A field day at MU's Bradford Farm east of Columbia will provide information on using native plants for landscaping and on improving habitat for bobwhite quail. The free event begins with an indoor seminar on quail ecology at 3 p.m. and a series of wagon tours at 4 p.m.



The Division of IT cordially invites you to attend a retirement reception in honor of

Mr. Russ French & Mr. Linsey Williams

in appreciation of their service and dedication to the University of Missouri

Tuesday, July 1st, 2008
3 - 5 p.m.
(program at 4 p.m.)

Old Alumni Center
1105 Carrie Francke Drive

Good Samaritans

EMERGENCY RESPONSE
Free CPR training is available to campus community

May 1 started out like many other days at MU for James Preston, a development director who works in the Reynolds Alumni Center. Before the day was over, however, he and a handful of his Development colleagues would receive a grim reminder about the fragility of life and the importance of helping those in distress.

Preston headed out of the Reynolds Center that Thursday for a meeting on campus. As he walked along the edge of Carnahan Quad, across the street from Jesse Hall, Preston noticed that a man had collapsed and lay sprawled next to the sidewalk. A female student had stopped to help, but clearly had no idea what to do next.

"I approached him and got down on my knees next to him," Preston recalls. "He was awake and lying on his side. I asked him if he was having a medical emergency, and he told me that he had congestive heart failure."

Preston comforted him, told the man he was going to get help and rushed back to the Reynolds Center. Barbara Calvin, a program assistant for the Mizzou Alumni Association, volunteered to help, and they

hurried back to Carnahan Quad. In the meantime, David Housh and Sheila Wieman saw the emergency from their office window in Reynolds. Housh, vice chancellor for development and alumni relations, called 911 to summon medical help. Wieman, executive staff assistant II in Development, joined her colleagues on Carnahan Quad.

As the staff members reached the stricken man, students Kaitlyn O'Connell, Nicole Marder and Allyson Ryder stopped to help. O'Connell administered CPR until an ambulance arrived. In spite of their help, the victim, a visitor to Columbia from north Missouri who was in his late 50s, did not survive.

At a June 19th gathering in Jesse Hall, Chancellor Brady Deaton honored the good Samaritans for their efforts. "This medical emergency led all of us to reflect on what is truly important," Deaton told them. "I hope that every member of the Mizzou family would rush to the aid of someone in need, as you did."

Deaton also pointed out that their actions did yield some positive results: The emergency reminded campus leaders of the necessity of first aid and CPR training classes, which are offered free to faculty, staff and students by the Department of Environmental



Nicholas Benner photo

HELPING HANDS After several of their colleagues struggled to help a campus visitor who suffered a heart ailment, more than two dozen Development staff participated recently in CPR training offered by MU's Environmental Health and Safety department. Pictured, from front, are Darcy Wells, Renae Goodman, Rebecca Baughman-Kerns and Tim McLaughlin.

Health and Safety.

In fact, Housh has organized a series of training classes for his division. So far, 24 Development staff have taken the classes and another 75 will take them in upcoming months. "In our line of work, we interact with donors and alumni of all ages and medical conditions and need to be equipped to respond to a possible medical emergency," Housh said.

"Environmental Health and Safety tells me that according to the *Journal of the American Medical Association*, 85 percent of

the people on which a trained individual would perform CPR are friends, coworkers or loved ones. I'm encouraging all members of my staff to empower themselves and help ensure the well-being of those around them by taking CPR and First Aid classes."

Rebecca Bergfield, training and development coordinator for Environmental Health and Safety, has taught the classes at MU for 10 years. She says that in addition to CPR, the class covers other life-saving topics, such as responding

to an emergency, helping a choking victim and using an automated external defibrillator.

Members of the MU community can sign up for scheduled classes online at ehs.missouri.edu/train/index.html. Groups that would like to schedule a class can contact Bergfield at 882-3986. "It's important to know how to respond to emergencies," she says. "Taking a class like this gives you a little more confidence when emergency situations arise."

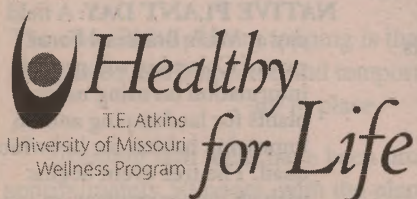
Let's break the habit together!



Healthy for Life: T.E. Atkins University of Missouri Wellness Program is starting a pilot program of individualized **smoking cessation counseling** for employees on the MU Campus. These sessions will last 15 minutes and be conducted on a one-on-one basis. Counseling can be tailored to fit your needs—via phone or brief personal visits.

Interested? Call Shani Higgins at 884-1312 to reserve one of our limited spaces.

Together, let's lead 2008 in a healthy direction!



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