


MIZZOU

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HOMECOMING
2009
PAGE 3



A new frame
for aging

MU nurses and engineers
remake senior living 26

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MIZZOU

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About the cover: TigerPlace residents George and Florence Black enjoy a flick with friends at the aging-in-place facility. They moved to Columbia from Washington state four years ago to be closer to their children.

Photo by Nicholas Benner

Image credits: Nicholas Benner (football player) and Rob Hill (others)

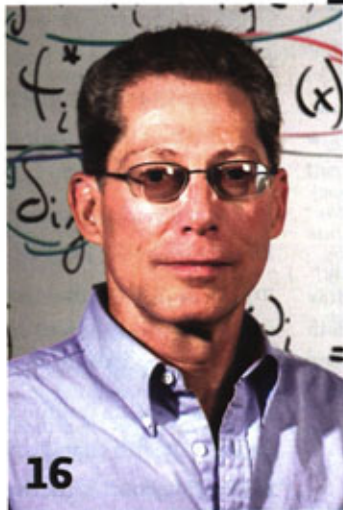
♻️ Cover printed on recycled paper

Now that Missouri football has earned national respect, players are hungry for seconds. And thirds.

See Page 32.



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- > Fall semester begins. That means a new lineup of Saturday Morning Science.
- > Meet MU basketball legends and Homecoming grand marshals Steve Stipanovich and Jon Sundvold.
- > Veterinarian Carolyn Henry started Vets for Nets to help prevent malaria in Africa.

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Hitting the mark

Off and on. That's what it takes to walk a million steps. Off your duff and on your feet.

My personal journey of a million steps coincided with the start of Lent in late February, when I signed up for the Million Step program through the University of Missouri Healthy for Life program. To encourage employee wellness, former Board of Curators President Thomas E. Atkins, BS BA '59, got the program off the ground in 2004 with a \$105,000 donation. Taking a million steps in 100 days requires 10,000 steps a day. I didn't quite make it in 100 days.

Excuses? They are aplenty. At one point, I lost my pedometer. Even though I knew roughly how much time it took to take 10,000 steps, I didn't record steps on the calendar for those days. Luckily, my husband found the pedometer in the garden, and I got back on track after the battery dried out.

Along the way, we had a death in the family. My father-in-law, longtime Missouri family physician and Tiger fan Charles A. Worley, died May 27. His obituary, along with those of many other World War II veterans, appears in this issue. No way would I miss the meaningful moments we had with him in the hospital after work. The walks could wait.

I achieved my first million steps in late June. Health educator Jaclyn Heider, BS HES '07, in the Healthy for Life office gave me the pink T-shirt that proclaims my accomplishment. I wear it proudly.

I'm not the only one with numbers on my mind these days. On the research and service front, nursing and engineering faculty are building new technology into TigerPlace, a unique senior living option. The researchers monitor residents for small health changes before they escalate into big costs. Plus, in a historic deal with all Missouri higher education institutions, Gov. Jay Nixon, BA '78, JD '81, is maintaining current funding levels for the schools in fiscal year 2010 in exchange for universities maintaining tuition costs. Mizzou is preparing for a full house with 30,000-plus students expected in the fall semester.

We at Mizzou are working to hit our numbers, knowing — for sure — that if you don't set a goal, you're not going to hit it. My next goal is walking two million steps. Here's to your health, and to reaching your goals.

— Karen Flandermeyer Worley, BJ '73



These shoes have a few miles on 'em, with many more to come.

Readers correct error

In the Summer 2009 issue, we goofed on an *Around the Columns* photo caption, and a number of sharp readers set us straight about the military uniform at right. Thanks to: Carol Gardner, BS BA '79, Chesterfield, Mo.; James Gwinner, BA '90, Valley Park, Mo.; Bob Scruggs, Engr '66, Jefferson City, Mo.; Michael K. Martin, DVM '84, Columbia, S.C.; Will Merrill, Fort Riley, Kan.; John Seitz, BS PA '59, Alexandria, Va.; and Martin H. Walker, BS Ed '71, Salisbury, N.C. The following letter from Jerome H. Granrud is representative; it details correct information about the military uniform photograph published on Page 8 of the previous issue.

Thanks for the lesson about military uniforms.
MIZZOU magazine staff



On Page 8 of the Summer 2009 issue, MIZZOU incorrectly labeled the U.S. Army Officer's dress mess uniform (left) as a U.S. Marine Corps dress uniform. An actual U.S. Marine Corps dress blues uniform is pictured at right.

unit commissioned artillery officers almost exclusively. I believe I am correct that up until 1964, Mizzou was a major source of field artillery officers. That parallels my own history: I was commissioned in 1960 when I graduated from MU and served as an artilleryman until I was selected for general officer rank.

Jerome H. Granrud, BA '60
retired lieutenant general, U.S. Army
Springfield, Va.

Military uniform mislabeled

On Page 8 of the Summer 2009 issue, the military uniform is described as a U.S. Marine Corps dress uniform.

Wrong. It is a U.S. Army officer's dress mess uniform. The dress mess uniform is worn year-round for black-tie functions and corresponds to a civilian tuxedo. It is the most formal uniform worn by Army officers. The jacket is dark blue while the pants are a lighter blue, a combination of colors that people may recognize from Western movies depicting the U.S. Cavalry during the latter part of the 19th century. This particular uniform would have been worn by a field artillery officer, indicated by the red inserts on the lapel and sleeve. Each branch of the Army uses a different color to indicate its branch.

It cannot be seen in the photograph, but the wearer's rank insignia would be worn in the center of the trefoil on the uniform sleeve. The uniform as depicted is incomplete. Gold braid shoulder epaulets — also called mess knots — are required components of the uniform.

The fact that an artillery officer used the uniform may be entirely coincidental, but until the early 1960s, the Mizzou Army ROTC

ing slack times, sit at one of the carrels and do a little homework, all for about 40 cents an hour, as I recall.

Harold R. Delaney, BS EE '49
St. Louis

Cliff Edom: Father of photojournalism

Thank you for making it very clear that Cliff Edom would "shutter" at the thought of doctoring a photograph! [MIZZOU Mail, Summer 2009] Cliff Edom was my father, and he always taught us to show "truth with a camera."

When he and my mother, Vi, started the Missouri Photo Workshop in 1949 in Columbia, he said photographs should not be manipulated in any way. I founded the Truth with a Camera Workshop in 1993 in Manassas, Va., and directed it for 14 years. I continue involvement as honorary director. Stephen Katz and Chris Tyree, prize-winning photographers from *The Virginian-Pilot* newspaper in Norfolk, Va., and former staff members of our workshop, now continue the workshops from Norfolk. They wrapped up their first workshop May 31 at the University of Guadalajara in Mexico.

Students from the United States, Mexico and Finland documented stories about the work of nonprofit organizations dealing with homelessness, cancer and blind children. For more, see truthwithacamera.org and truthworkshopblog.org.

Vme Edom Smith, BA '51
Chesapeake, Va.

A serious opportunity

Frank D. Floyd brought back many memories with his letter about the veterans streaming into Mizzou after World War II [Mizzou Mail, Summer 2009]. I, too, lived in temporary housing, but it must have been on a different street than Floyd's residence. I don't recall having to step over the bodies of sobering celebrants from the night before.

The vast majority of veteran students were extremely serious about the opportunity the GI Bill gave them and were eager to finish college life and get into wage-earning civilian life. Many, like me, worked at part-time jobs to augment their spending money. My job was in Ellis Library, returning borrowed books to their proper places in the stacks. A side benefit was that I could, dur-

Contest creates a conundrum

Thanks for the great cover article on "Missouri's Finest Fiddlers" [Summer 2009], which details how, for more than two centuries, fine fiddling truly has been "an important thread in Missouri life" (Page 34). That account awakened a memory from 1951, when, as a 20-year-old student from Colorado, I covered one of my first

stories in the J-School.

Serving as a reporter at the *Columbia Missourian*, I was assigned to attend and write a story about the annual Old Fiddlers' Contest held at a local high school on Saturday night. I had a wrenching schedule conflict. That same night I had arranged to take a sweet date (Jean Curtis, BJ '52, who later became my wife) to a big party at Three Squares Co-op, where I lived. I came up with a compromise plan. Instead of spending an interminable evening at a boring cracker barrel fiddlers' contest, I would enjoy the planned date and house party and then, at about 10 p.m., swing by the high school, grab the list of winners and quickly turn it into a two-paragraph story for the Sunday *Missourian's* interior page of local happenings. No problem, right?

At J-School on Monday I was greeted by a fuming, red-faced copy editor shouting at me while beating on the table with the Sunday edition of our competitor, the *Columbia Daily Tribune*. Its front page had a rousing account of this same fiddlers' event, illustrated with pictures of the winning performers and savoring the juicy details of how they had eked out a razor-thin win before the largest and most enthusiastic crowd in years. Referencing my absence from the dramatic tie near the end of the competition, the editor delivered a 20-minute lecture highlighting just how little I had absorbed of "real Missouri life" and concluded with a crystal clear forecast of the inept journalist I was sure to become. To get off his hook, I had to confess my sins and promise "never, ever" to repeat such conduct.

Of course, the Missouri fiddlers continued with their two-century gig, and I actually learned enough to graduate from the J-School in 1952. But that copy editor's tough lesson may have been one of the many reasons why I abandoned journalism, went to law school and then spent a 30-year career in Washington helping to enforce the nation's

emerging civil rights laws with the Justice Department's Civil Rights Division.

James P. Turner, BJ '52
Accokeek, Md.

Cover evokes comment

Congratulations on an outstandingly beautiful cover of the magazine of the Mizzou Alumni Association. I believe it's the best I've ever seen.

Nancy Dailey, BS Ed '64
Springfield, Mo.



Summer cover featured Billy Lee of Wright City, Mo.

Fiddler in the family

I enjoyed your article on the fiddlers of Missouri. My great-grandfather, Gus Ficke, grew up just south of St. Louis. As the story was told to me, Ficke got into a bar fight and killed a man in the 1880s. Friends helped him escape to Alaska where he mined for gold, and they kept him informed as to what charges were being pressed. When Ficke learned the verdict was self-defense, he came home with a fiddle that he had won in a poker game.

After returning to Missouri, he taught himself how to fiddle and played for dances around Gerald, Mo. Word has it that he was

very good and that he played so much he wore finger indentations into the wood. His initials and the year 1880 are carved into the back of the fiddle.

John Aloysius Klein, BS Ed '48, M Ed '52, a music major at the University of Missouri, knew of someone who could restore the fiddle in the 1940s. John went on to become the drummer on the *Lawrence Welk Show* [more: <http://digital.library.umsystem.edu>. The Missouri Alumnus, Summer 1999, Page 33].

A hundred years later, in the 1980s, my great-uncle, Harold Ficke (the poker player's son), found the fiddle with some old family toys and rescued it! I told him I was interested in having it after he died if no one else wanted it. He gave it to me on the spot.

Sharon Stidham Smith, BA '71, M Ed '74
Round Rock, Texas

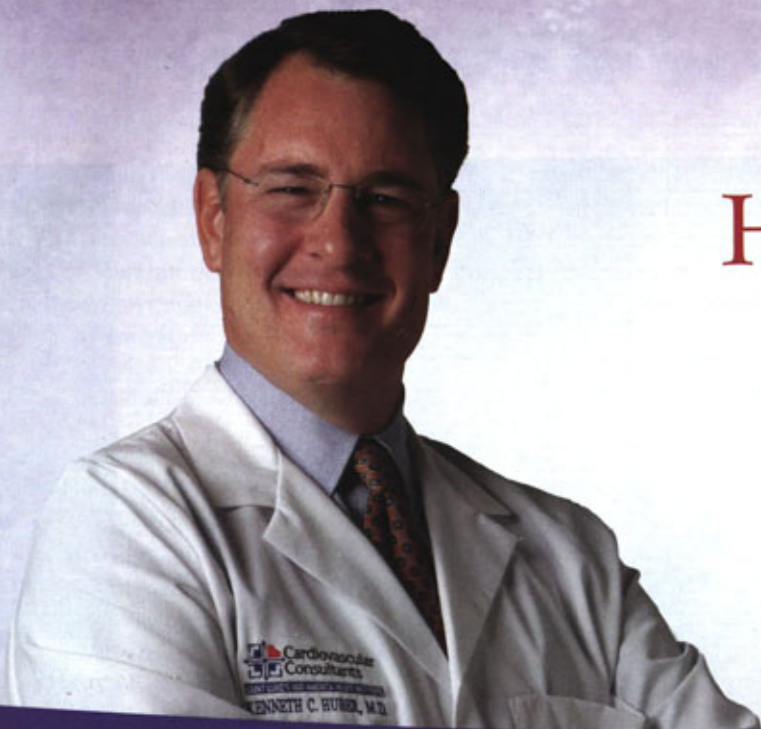
Fisher: Deadpan delivery

It was with sadness that I read in the Summer 2009 issue of the passing of Paul Fisher, retired professor of journalism.

It was my privilege to take magazine design from Professor Fisher in 1986 or 1987. He was slightly stooped and white-haired, with a voice so low it almost didn't register. But his lectures revealed an exceedingly dry wit and a deadpan delivery: "We here in the prairies aren't supposed to understand this, but ..." I greatly enjoyed his class, and I will remember him fondly.

Laura Malt Schneiderman, BJ '87
Pittsburgh

MIZZOU magazine welcomes your letters, which may be edited for length, clarity and style. Please include your daytime telephone number, address, degree and year. Address: 407 Donald W. Reynolds Alumni Center, Columbia, MO 65211; phone 573-882-7357; fax 573-882-7290; e-mail mizzou@missouri.edu



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A leader on many fronts

Having grown up on the south side of Chicago, Phyllis Williams knows all about making hard work pay. But as a triple-tap selection on April 17 for secret honorary societies LSV, QEBH and Mortar Board she has modest expectations despite a multitude of accomplishments.

"I'm going to pursue law school," says Williams, BA, BA '09. She plans to be "an ethical but very poor attorney fighting for the little guy some day."

Williams was chosen by the three societies for her diverse interests. She was a senator in the Missouri Student Association (MSA) and part of the Board of Election Commission. She also was a former justice with the Judicial Peer Advisory Council, an MSA group that oversees student infractions on campus.

Most important to Williams, she was vice president of the Gamma chapter of Target Hope at Mizzou. In 2004, Williams and others in this college preparatory organization for high-ability minority students from the Chicago area began offering community service and mentorship to younger students.

"My leadership experiences with Target Hope allowed me to do all of the other crazy stuff I did on campus," Williams says. "Without the affirmation that I was able to lead and really do great things, I don't think I would have been able to do what I've done."

Her list continues with United Ambassadors, a minority recruitment team she co-chaired her sophomore year. This August, she's following in the footsteps of her mother by teaching middle school math and science in Kansas City through Teach for America. Her mom is a teacher with Chicago Public Schools, and her dad is a truck driver in the Windy City.

Three of MU's six secret honorary societies selected Chicago native Phyllis Williams for membership on April 17: LSV, QEBH and Mortar Board. Some of the societies are so secretive that only members know the meaning of their acronyms.



Photo by Rob Hill

But Williams is sold on her career path to law school and dreams of enrolling at the University of California, Berkeley.

"I'm looking into the MU School of Law as well," she says, acknowledging the influence of mentor Michael Middleton, BA '68, JD '71, deputy chancellor and professor of law. "He would kill me if I didn't!"

A burning ambition

Nearly one-third of Missouri is covered with woodlands, and most of those forests — more than 12 million acres — belong to private landowners. A new boiler at Mizzou's power plant that will burn waste woodchips and other biomass could be a model for renewable energy technology that is sustainable.

Beginning in 2010, the power plant will replace one of its six coal-fired boilers with a new \$62 million biomass boiler that can burn waste woodchips, which produce fewer greenhouse gas emissions than coal. The plant already burns some alternative fuels such as woodchips, shredded car tires and chipped corncobs, but its current boilers can only handle a small percentage of those in the fuel mix.

When the new biomass boiler is up and running in summer 2012, it will be able to burn pure biomass, primarily from urban wood waste, logging residues and forest thinnings. Eventually, MU's power plant could use woodchips and other biomass for as much as 25 percent of the total fuel it uses each year, says Gregg Coffin, the plant superintendent.

The biomass boiler uses high-powered fans to churn up a layer of sand into a suspended combustion bed that melts into a bubbling fluid as it's heated. That design also allows plant engineers to use other biomass fuels, such as waste paper pellets, switchgrass and corncobs.

Mizzou professors in fields as diverse as rural sociology and forestry are excited about the boiler's potential to support

research in this emerging technology. "We have to develop the market for woodchips, and we have to have the infrastructure, the logistics and the technology to deliver that wood. You can't do one without the others," says Hank Stelzer, associate professor of forestry. "With this new biomass boiler, it's happening right in our own backyard."

A cure for diabetes?

Around the world, someone dies every 10 seconds from diabetes-related diseases. With complications that can include cardiovascular disease, blindness and amputation, diabetes is a scourge. A cure would be a huge breakthrough, and one MU researcher is on the trail.

In a person with Type 1 diabetes, the immune system attacks its own body, says Habib Zaghoulani, professor of molecular microbiology, immunology, child health and neurology. He and his team are developing a treatment that not only stops the immune system's destruction of insulin-producing beta cells in the pancreas but also leads to their regeneration.

Zaghoulani has achieved these results in mice by creating a sort of biological diversion that attracts destroyer cells away from the pancreas to places where they are harmless.

The university is patenting Zaghoulani's technology, and the next step toward marketing the product is to create a version for humans and test it in mice whose immune systems are similar to humans. That will cost about \$1 million. With luck, in four or five years, he could be testing the technology in clinical trials with humans. Only afterward might it become available to the millions of people with diabetes.

Neither potential savings to the health system nor potential profits motivate Zaghoulani. "I don't worry about the economics," he says. "I worry about the people with diabetes and returning them to a normal lifestyle."

Briefly

Gov. Jay Nixon, BA '78, JD '81, appointed two new members to the University of Missouri Board of Curators. They are David R. Bradley of St. Joseph, Mo., publisher of the *St. Joseph News-Press*, and Wayne Goode of St. Louis, who served in the Missouri General Assembly as a representative from 1963 to 1985 and a senator from 1985 to 2005.



Through Facebook, MU is offering a new way to connect with alumni and friends. Since the Mizzou page launch on June 8, more than 50,300 people have become fans. More: facebook.com/Mizzou.

Robert Naka, BS EE '45, has been inducted into the Air Force Space and Missile Pioneers Hall of Fame at the U.S. Air Force Space Command in Colorado Springs, Colo.

Steven Zweig, MD '79, MS '84, has been named chair of family and community medicine at the School of Medicine. He replaced Hal Williamson, MD, MS '82, who was appointed vice chancellor for the University of Missouri Health System.

Mid-Missouri Mental Health Center, formerly a state-run facility in Columbia, has become part of University of Missouri Health System. The new Missouri Psychiatric Center will include acute inpatient psychiatric services. Dr. John Lauriello will direct the center.

Madeleine Albright, president of the Harry S. Truman Scholarship Foundation, has designated MU one of only two 2009 Truman Foundation Honor Institutions. The other was the University of Iowa. Both schools had a Truman Scholar in 2009, and a strong record of producing Truman Scholars and encouraging young people to pursue public service careers.

Rare books enrich classes

Katie Carr and other librarians in Ellis Library Special Collections not only help patrons find information, but also take care of rare and sometimes historic books, and lecture for Honors College courses. In this last role, they hope to witness a moment when students see something so exciting that their eyes pop and jaws drop.

On the fourth floor of Ellis Library, students could see a leaf of the Gutenberg Bible, a miniature handwritten novel by Charlotte and Emily Brontë, or a “book” whose form has more in common with a tennis ball than a traditional volume.

In spring 2009, Carr worked with an honors section of instructor Angela Rehbein’s English composition course. She showed them several specimens: a large-format 1837 copy of *History of the Indian Tribes of North America* by Thomas L. McKenney and James Hall, which is filled with spectacular lithographs of American Indians; a worn 1817 copy of *The Navigator* by Zadok Cramer, once

a widely used river pilots’ guide to Midwestern waterways; and an 1881



Honors College students use MU’s rare books collection, including *History of the Indian Tribes of North America*, which features this lithograph.

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copy of *A History of the St. Louis Bridge* by Calvin Woodward, which details in text and drawings what most people now call the Eads Bridge.

Introducing students who grew up with computers and cell phones to such volumes can be a special moment. “You see them connect with these books in a way that you just can’t in the digital world,” Carr says. “There’s a physical presence — they’re in sheer awe of it.”

More: mulibraries.missouri.edu/specialcollections

A biology teacher evolves

Back when Jan Weaver was a newly minted biologist with a doctorate, she prepared to teach by making a list of a hundred things

she wanted students to learn by the end of the semester. She hoped students would see how these related to larger ideas. Now, 20 years into teaching at MU, she starts with a handful of big ideas she wants students to remember five years after the course ends. She believes that emphasizing a few carefully chosen concepts equips students to think for themselves long after they’ve forgotten the sequences of cell division. But don’t worry, she says, “We still get to the hundred things.”

As director of environmental studies, Weaver teaches and advises the program’s students, who take natural sciences, social sciences and behavioral sciences courses. She also advises Sustain Mizzou, a student group that fosters sustainability on campus, and she publishes the monthly electronic



Photo by Rob Hill

Jan Weaver, director of environmental studies, works with students at Rock Bridge State Park, south of Columbia.

newsletter *MU Environmental Network News*.

To help formulate her list of big ideas worth remembering, she queried professors in various disciplines. Some keepers:

- From political science: The devil is in the details — “There’s a difference between what a law says and what it does,” Weaver says.
- From biology: Life evolves — any method for controlling organisms eventually fails. For instance, antibiotics rarely kill all the bacteria because some are naturally resistant, and the resistant types become a larger proportion of the population with every application of antibiotic.
- From economics: The tragedy of the

commons — Resources owned in common will be exploited until they are degraded, unless they are protected by society.

Think globally, plant locally

On any given day, it’d be tough to say whether Andrew Van Engelenhoven is learning more from his sustainable agriculture courses or from the full-scale project that has grown out of them.

In February 2009, the Fulton, Mo., native and his partners planted the first vegetable seeds for their community-supported agriculture (CSA) experiment. The idea: Grow enough to sell 20 to 25 subscriptions to members of Olivet Christian Church at 1991 S. Olivet Road in Columbia. Subscribers would pay in advance for 15 to 20 pounds a week of six to eight varieties of vegetables to be delivered during the May-to-October growing season. (See “The Producers” in Spring 2009 MIZZOU for details.)

It was a beautiful dream to bring nutritious local food to eager buyers, and they planned it from the ground up. But then economic reality struck: Since the University of Missouri had instituted a hiring freeze in November 2008, there was no way to create new positions for students to do some of the early greenhouse work.

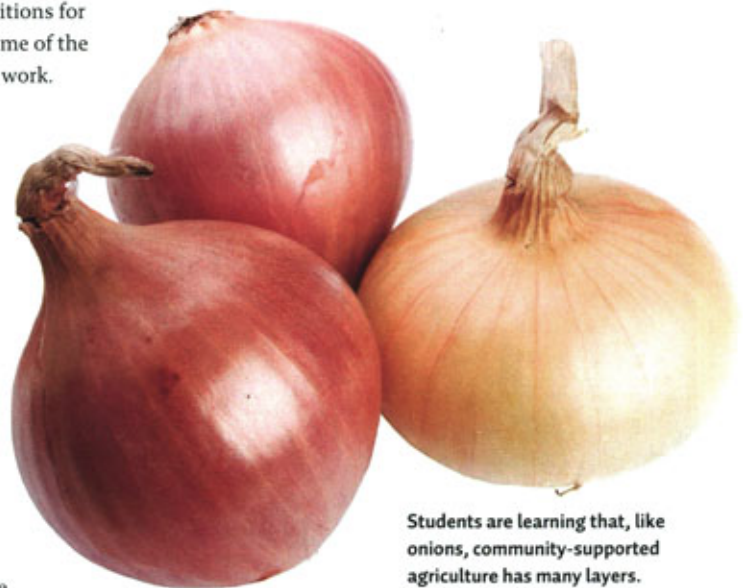
“To have produce to sell, you first have to have plants started in the greenhouse. We came up short in getting that accomplished,” Van Engelenhoven says. His team had to scramble by working long hours and they started some

early-harvest crops, such as lettuce, cabbage, cucumbers and beets, growing toward maturity. They also planted the next wave of veggies that ripen in midsummer. With only three unpaid part-time workers, they were unable to plant sufficient quantities to serve 25 families. So, they came up with “Plan B”: Sell on a weekly basis, first-come, first-served.

The small team also found an answer to the hiring freeze — get the CSA recognized as a student organization. That required enlisting a faculty adviser, seeking various approvals and the attendant paperwork. But they got it done, and Tigers for Community Agriculture was born.

So, Van Engelenhoven et al. will still deliver on their dream of providing local food in Columbia. But it looks a little different than they thought it would. Rather than selling subscriptions, they bring vegetables to the church on Thursday afternoons and sell by the bag. As a student group, they can also set up a sales stand on campus.

More: chasing-sustainable-farming.blogspot.com



Students are learning that, like onions, community-supported agriculture has many layers.

Photo by ©iStockphoto.com



Photo by Nicholas Benner

Connecting city youngsters with plants and animals

Brandon Pope loves people. Of course, as a fisheries and wildlife graduate student at MU, it's safe to say he loves flora and fauna as well.

Pope researches how inner-city youth relate to nature through the 4-H Wildlife Habitat Evaluation Program. By working with elementary and high school students in the Kansas City area, he hopes to expand young minds beyond the concrete and asphalt they encounter every day.

"These kids grow up talking about the Amazon rain forest, the lion or the anaconda because they see it on TV," Pope says. "But they don't think about the squirrels or the pigeons outside."

The program strives to educate and connect urban youngsters to accessible wildlife as it works to foster a diverse group of future

natural resource managers.

Students in the after-school program explore habitats, differences between domesticated and wild animals, and outdoor water sources. Pope grew up on Chicago's south side, so he can relate to the children's curiosity when he brings visual aids such as stuffed raccoons to the classroom.

For one assignment, Pope asked students to draw a picture of a habitat illustrating food, shelter and water — all necessary components of life for animals and humans.

"The girls' pictures were dramatic, with shower curtains and windows and made beds," Pope says. "One boy drew exactly what I asked for. The food source was a cheeseburger."

Pope was selected as a 2008 fellow for Park Break!, a national program designed to immerse graduate students in critical issues regarding conservation, policy and science. He also spent a week working at Indiana

Graduate student Brandon Pope shows elementary students the Yeckel wildlife collection in the Anheuser-Busch Natural Resources Building.

Dunes National Lakeshore Park and completed an internship as an undergraduate at the Cleveland Metroparks Zoo.

"In a lot of city communities — especially African-American communities — nature and the outdoors are not really a big part of the culture," Pope says. "How does 'global' relate to 28th Street in Kansas City? I try to break it down for them."

Warm cookies to go

Delivering baked goods after dark isn't a new concept on college campuses. But three MU seniors have taken a page from the pizza palace and put their own entrepreneurial spin on it.

Hot Box Cookies, downtown Columbia's newest late-night bakery at 808B E. Broadway,



brings warm cookies to the doorsteps of studying students with the midnight munchies. Adam Hendin, David Melnick and Corey Rimmel, all from Chesterfield, Mo., came up with the concept in the spring of 2008.

"We were having a conversation in a friend's basement, and I was just joking," Rimmel says, as he kneads a batch of candy-speckled treats. "Adam was serious, though."

Now, with a vibrant storefront next door to Cool Stuff, the trio of tycoons hope to make some serious dough.

The menu offers four types of cookie dough: peanut butter, plain, chocolate and oatmeal. You can customize every baked-to-order batch with mix-ins — such as Andes mints, chocolate chips or nuts. Throw in a pint of milk or some Buck's ice cream, and consider your sweet tooth sated. They also offer smoothies and shakes, but the menu is still a work in progress.

"People can't wait to try the cookies," Melnick says. "We had banana bread for a while, and even though it was really good, it didn't sell very well because everyone wants the cookies. We're still trying to make a name for ourselves."

The cookies sell for \$5.95 for six and \$9.95 for a dozen. Hot Box also offers a selection in the display case (for impatient customers) at a dollar apiece.

The store has already become a popular hangout, thanks to board games, late hours and pleasant aromas. With 26 employees to

Founded by a trio of MU students from Chesterfield, Mo., Hot Box Cookies bakes and delivers cookies from its Broadway location in downtown Columbia.

Photo by Rob Hill

manage, not to mention a full-time class load, the young business owners admit it's been more work than they anticipated.

But they're still having fun. "We'd like our name to be up there with Shakespeare's Pizza and Booche's," Rimmel says. "One of those places where, if you're a tourist, you have to go see."

On fire for her work

Marissa "Jo" Daniel, a senior majoring in forestry and wildlife biology, already has a couple of showstopping bullet points for her résumé:

- Earned Type 2 Initial Attack fire certification and able to use chainsaw to cut brush and trees
- Has been fighting wildfires in Utah, California and Oregon since 2007

Daniel has been interested in fighting fires ever since reading about smokejumpers

as a high school student in Bethany, Mo. As a freshman and sophomore at MU, she earned a certification to join the "newbie" ranks as an entry-level firefighter. The test included hiking three miles in less than 45 minutes while hauling a 45-pound pack on her back.

Her first shot at a real wildfire came in 2007 at the Mathis Complex Fire near Kenilworth, Utah. Lightning started the blaze, which spread over 1,300 acres of sagebrush, grass, junipers and conifers. Dry conditions provided ample fuel, and the blaze, though small, was considered dangerous.

Daniel was on one of the six crews totaling 250 people dispatched to the fire on four helicopters, 10 fire engines and two bulldozers. Her first night there was a memorable one. "You could either pitch a tent or throw your sleeping bag on the ground," she says. "It was gorgeous with the bright stars overhead and the fire burning in the distant darkness. I didn't get much sleep that night looking at all of the wonderful colors."

A test of sorts came her way one morning when she grabbed an industrial-sized weed eater and went to work. She went after brush and trees up to four inches in diameter. It was strenuous work, she says, but more fun than hefting an ax.



Photo illustration by Steve Morse

Marissa "Jo" Daniel majors in forestry and wildlife biology and goes toe-to-toe with forest fires.

Going the extra mile

As the saying goes, you can't teach an old dog new tricks. But Professor Rebecca Johnson's "Walk a Hound, Lose a Pound" project aims to do just that — for both the human and animal participants.

"We invite residents of the Columbia community to come out and walk Central Missouri Humane Society dogs," says Johnson, director of MU's Research Center for Human-Animal Interaction (ReCHAI) in the College of Veterinary Medicine and associate professor of both nursing and veterinary medicine. "It's an innovative way for people to increase their physical activity, and it's good for the dogs. The animals are socialized, they learn leash-walking skills, and they get exercise."

Participants meet on Saturdays between 8 and 11 a.m. at the Central Missouri Humane Society. Before participants pair up with dogs and walk up to two miles, nursing students record their body

weight and ask questions about overall physical activity levels.

Although most people don't lose weight during the program, "we've had statistically significant increases in people's exercise levels," Johnson says. "Participating in the dog walking gets participants thinking about their own activity levels, and they report exercising more during the week."

The project is a collaboration between ReCHAI, the Central Missouri Humane Society, the Missouri Department of Health and Senior Services, and the City of Columbia Parks and Recreation Department.

Oct. 20–25, ReCHAI will host "Human-Animal Interaction: Impacting Multiple Species," an international research and practice conference at the Westin Crown Center Hotel in Kansas City, Mo. The conference — the first of its kind — brings together researchers in the field of human-animal interaction and health care professionals from several disciplines.

More: www.rechai.missouri.edu

Making movies at Mizzou

Vibrant masks, swirling capes and airborne musclemen will catch anyone's attention. Mix in some explosions and disembodied Aztecs, and fans will shout "fantástico!"

Lucha libre, Spanish for "free wrestling," is a high-flying style of Mexican professional grappling that spawned a cult-film genre in the 1950s and remains popular today. In the spring of 2009, two dozen students in Mizzou's FilmTech Experience class created *Mil Máscaras: Aztec Revenge*, which was shot at Mizzou.

Professor Rebecca Johnson created a dog-walking and exercise program at the Central Missouri Humane Society.

Photo by ©iStockphoto.com



"Students were involved in every aspect of pre-production," says Jeffrey Uhlmann, the associate professor of computer science who wrote and produced the movie. "With these kinds of films, students get a diverse view of the challenges of filmmaking."

The class was made possible by a grant from MU's Interdisciplinary Innovation Fund and by collaboration between the textile and apparel management, art, and film studies departments.

It was the third movie in a trilogy starring 71-year-old Mil Máscaras, one of the original lucha libre heroes. The first two films, *Mil Máscaras vs. The Aztec Mummy* and *Academy of Doom*, were produced by the College of Engineering's IT program and feature scenes inside Jesse Hall and the Hearnes Center.

The program tapped St. Louis filmmaker Aaron Crozier to direct *Aztec Revenge* and to teach the class. Students executed production tasks, which included exploding a car (with help from the Columbia Fire Department) and numerous scenes with the legendary Máscaras.

"I never saw him without his mask on," Crozier says of the wrestler whose name means "a thousand masks." According to





Photo courtesy of Orion Entertainment, 2007

Actor Richard Lynch, left, as president of the United States and actor Mil Máscaras as himself perform a scene from *Mil Máscaras vs. the Aztec Mummy* (2007), which was shot at Mizzou.

VIEW STUDENTS WORKING ON THE SET OF MIL MÁSCARAS: AZTEC REVENGE | MIZZOUMAGAZINE.COM

tradition, Máscaras assumes his luchador identity at all times — even on trips to the grocery store. “I imagine it gets a little hard to brush your teeth with that thing on,” Crozier says.

The first two films have made the rounds at various festivals, and *Mil Máscaras vs. The Aztec Mummy* is in limited theatrical release. *Aztec Revenge* is still in post-production, but the class was a blockbuster with the participating students.

“I didn’t realize what hard work making a movie was,” says photojournalism major Jim Buell, who took the class. “I put in some long days, but it was a lot of fun, too.”

Because of MU’s research on child maltreatment, Missouri’s child protection programs are national models.

For the children

Epidemiologist Patricia Schnitzer continues cranking out results as part of a long-running research program at MU. The program not only has helped abused and neglected Missouri children, but also led to statewide child-protection programs that serve as models for other states.

Nearly 20 years ago, the team’s early work launched a first-in-the-nation system of county panels that review all child deaths and help prevent others, says Schnitzer, assistant professor in MU’s School of Nursing. Later research debunked a myth about who maltreats children. “The adage is that kids in households with single moms are at increased risk for abuse and neglect,” Schnitzer says. “But there was no increase in maltreatment deaths in households with just one biological parent.” Instead, the hazard to children rises when a single parent lives in households with other adults, particularly unrelated ones.

Schnitzer’s research now focuses increasingly on prevention. The latest work looks at children up to age 5 who visited an emergency room (ER) for an injury. She wanted to know how many ER visits for an injury occur before physicians report the case to Missouri social services officials. To find out, she linked hospital billing data for 50,000 ER visits statewide with data on reports to Missouri’s Department of Social Services.

It turned out that each visit increases

the likelihood of a report. Children with two injury visits were almost twice as likely as kids with one visit to have a report, Schnitzer says. Those with three visits were two-and-a-half times more likely, and kids with four or more are almost four times more likely. “A lot of these are unintentional injuries related to small children who are not properly supervised and who are living in a less-than-safe environment,” she says.

The upshot, Schnitzer says, is that when young children come frequently to ERs for injuries, the family should be looked at more closely.

“It’s not necessarily that they are hurting the child, but maybe that they need support or advice to protect their child from those dangers.” Helping families get the support they need protects children, Schnitzer says. It’s that simple.

Mark your calendars

The Roots ‘N Blues ‘N BBQ festival is back Sept. 25–26, 2009, for its third year in a row.

The festival puts Columbia on the map as a major music destination, drawing more than 100,000 visitors and 30-plus blues, jazz, gospel, folk, bluegrass, soul and reggae groups to the city.

Still, festival organizers had to make the case for this year’s installment. James Kaufman, an agricultural economics expert, helped set the stage. According to his studies, in 2008 the festival brought \$11.7 million in economic impact to Boone County and \$18.2 million to the state of Missouri.

To help pay for the event, organizers will charge a fee for access to part of the festival, including two music stages and all beer vendors. Advance tickets will cost \$10 for one day and \$15 for the weekend. Tickets purchased at the festival will cost \$15 and \$25, respectively. Open alcoholic containers will not be allowed outside the ticketed area.

For artist lineup and other updates, visit rootsnbluesnbbq.com.



The Tigers' Rohr

Chris Rohr, BGS '09, is a world-class hammer thrower on MU's track and field team. But in October 2003, before he became a Mizzou student, life threw his family for a loop.

"My sister called and told me there had been an accident, and I put the pedal to the metal," says Rohr. His younger brother Chad, then 13, had been in a life-threatening all-terrain-vehicle accident, and his family gathered at a Kansas City-area hospital. Rohr was visiting Columbia and hadn't yet decided between schools including Mizzou and the University of Alabama. "Everything else went out the door, and I got home as fast as I could."

Chad miraculously survived the accident, but brain injuries left him blind.

Rohr and his two siblings are now closer than ever, and the experience made him appreciate family bonds. He attended Chad's

graduation at Lee's Summit North High School in May, and his family has followed Chris' collegiate athletic career nationwide.

A six-time All-American, Rohr is the best in Mizzou history at throwing the hammer — a 16-pound ball attached to a swivel, wire and handle. He is the school-record holder, he posted the longest NCAA throw this year (235-9), and he won the Big 12 title in both the hammer and its indoor variation, the weight throw.

Although Rohr's college career ended with a 10th-place finish at the U.S. Track and Field National Championships June 27 in Eugene, Ore., he continues to train while transitioning from athlete to volunteer assistant coach at MU. Now his goals include landing a sponsor and competing in the 2012 London Olympics.

If he is successful, you can bet his family will make the trip across the pond with him.

"His best days are ahead, and he had a great collegiate career," says MU track and field Coach Rick McGuire. "I think the kid could have a couple Olympic Games in him."

Hills, humidity make Heart of America tough

If running 26.2 miles through Columbia, across river bottoms, up the legendarily colossal Easley Hill and back into town during the most humid time of the year sounds like fun, get ready for a treat.

Labor Day 2009 marks the 50th Heart of America Marathon, and although it has been a relatively well-kept secret nationally, it's not because the course didn't leave an impression on race participants.

"All of the things that make this race unique are what make it so challenging," says Matthew Laye, PhD '09, last year's Heart of America champion. "Whenever you have significant hills after mile 20, it's tough."

Columbia Daily Tribune writer Bill Clark, BJ '58, first organized the marathon in 1960.

"It started after an argument between a



bunch of boxers and MU distance runners who were training here in the summer," Clark says. The boxers, thinking they trained harder than anyone, issued the challenge at the marathon distance.

Five runners started the race at 8 a.m. Sept. 5, 1960, near Bernadette Drive and Stadium Boulevard. Almost four hours later, track runner Joe Schroeder, BS Ag '62, MS '65, defeated his teammate, Morris Patterson, BS BA '62, to win bragging rights. They were the only runners to finish, and the boxers



Photo courtesy of MU Athletics

Mizzou track and field record-holder Chris Rohr hurls the weight at the Big 12 Indoor Championships Feb. 27, 2009, in College Station, Texas.



Photo by Shane Ezping

never even showed up.

"I had blisters for most of the race, and I fell face down on the lawn of the Fulton [Mo.] courthouse with cramps in both legs," Schroeder says.

The original route from Columbia to Fulton changed in 1963 to its current loop format. It begins at the Hearnes Center and heads south on Providence to the Missouri River community of Easley. From there, it changes direction north through Rock Bridge State Park and culminates in down-

The 50th annual Heart of America Marathon will run through Columbia on Labor Day, Sept. 7, 2009. Many experts consider the race to be the most difficult marathon in the United States.

town Columbia.

With humidity levels typically near the 90s, many, including *Runner's World* magazine writer and running guru Hal Higdon, consider it to be the most difficult road marathon in the country. More than 150 runners participated in last year's race.

More: ctc.coin.org/hoa

Scoreboard

HOME	GUESTS
DOWN	YTD YDS
	QTR

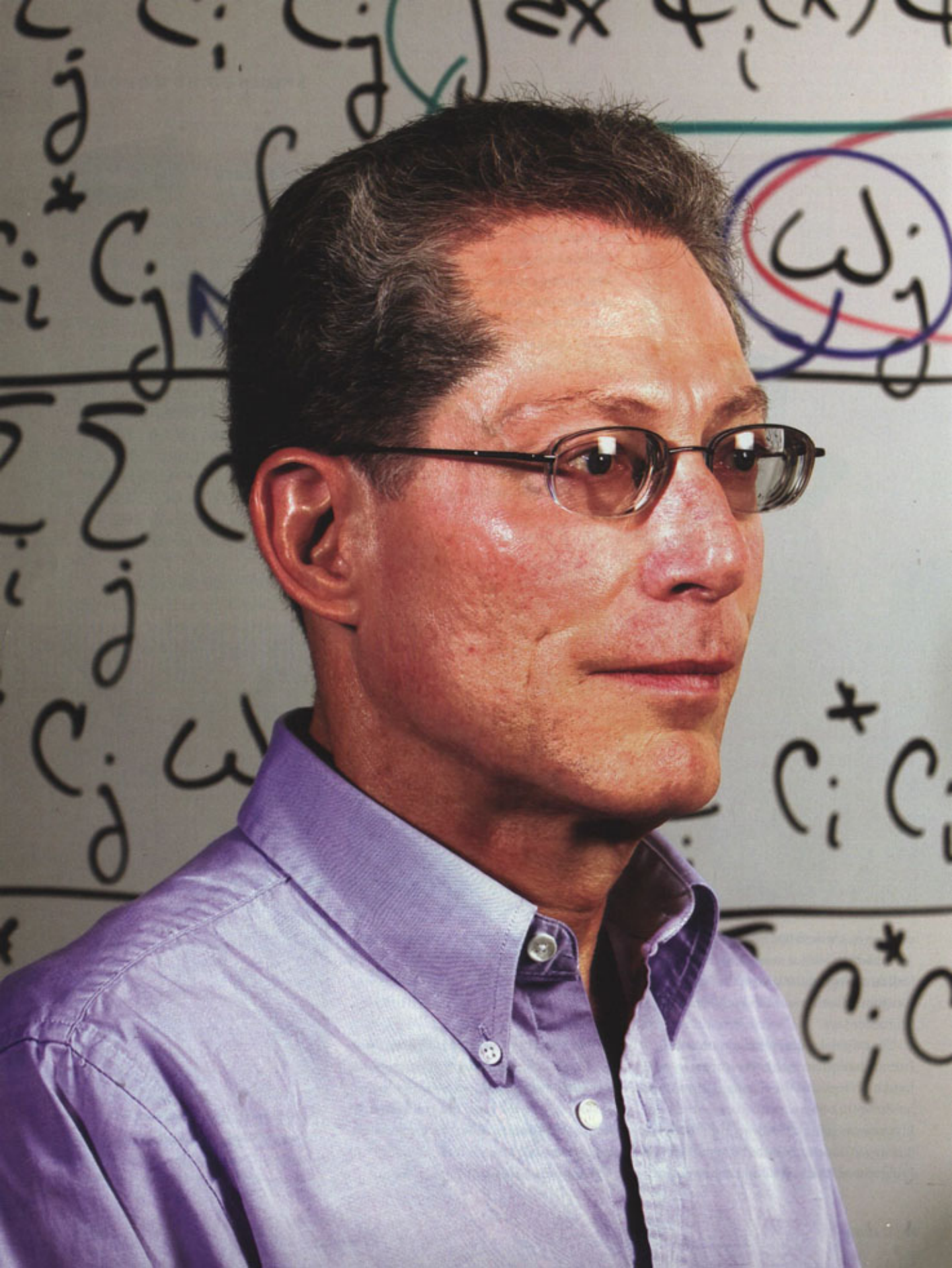
5: Number of Missouri athletes selected in the first round of the 2009 National Basketball Association, National Football League and Major League Baseball drafts. The selections were: in basketball, DeMarre Carroll (No. 27, Memphis Grizzlies); in football, Jeremy Maclin (No. 19, Philadelphia Eagles) and Ziggy Hood (No. 32, Pittsburgh Steelers); and in baseball, Aaron Crow (No. 12, Kansas City Royals) and Kyle Gibson (No. 22, Minnesota Twins). Mizzou became the third school in Big 12 history with players selected in the first round of the three major sports leagues, joining Texas (in 2006) and Oklahoma State (in 2004).

80: Width in feet of the new 30-foot-tall, \$3.8 million football scoreboard set to debut at the home opener against Bowling Green State University Sept. 12 at Memorial Stadium. Manufactured by Daktronics, the monolith features the company's HD-X technology and uses state-of-the-art light emitting diode (LED) displays.

1 in 12: Number of African Americans who carry the sickle cell gene trait according to the National Athletic Trainers' Association. MU begins screening all incoming athletes for the trait in fall 2009.

36: Mizzou's highest ranking ever in the Learfield Sports Directors' Cup, which rates overall intercollegiate athletic success among national schools. Twelve of MU's 20 sports scored points in this year's competition, and seven of those finished in the top 25.

11: National ranking of the MU women's swimming and diving team's latest recruiting class by collegeswimming.com.



hydrogen H 1.0079	beryllium Be 9.0122											boron B 10.811	carbon C 12.011	nitrogen N 14.007	oxygen O 15.999	fluorine F 18.998	neon Ne 20.180
lithium Li 6.941	magnesium Mg 24.305											aluminum Al 26.982	silicon Si 28.086	phosphorus P 30.974	sulfur S 32.065	chlorine Cl 35.453	argon Ar 39.948
		Ja John Adams: In His Element															
		scandium Sc 44.956	titanium Ti 47.867	vanadium V 50.942	chromium Cr 51.996	manganese Mn 54.938	iron Fe 55.845	cobalt Co 58.933	nickel Ni 58.693	copper Cu 63.546	zinc Zn 65.39	gallium Ga 69.723	germanium Ge 72.61	arsenic As 74.922	selenium Se 78.96	bromine Br 79.904	krypton Kr 83.80
		yttrium Y 88.906	zirconium Zr 91.224	niobium Nb 92.906	molybdenum Mo 95.94	technetium Tc [98]	ruthenium Ru 101.07	rhodium Rh 102.91	palladium Pd 106.42	silver Ag 107.87	cadmium Cd 112.41	indium In 114.82	tin Sn 118.71	antimony Sb 121.76	tellurium Te 127.60	iodine I 126.90	xenon Xe 131.29
cesium Cs 132.91	barium Ba 137.33	* Lu 174.97	hafnium Hf 178.49	tantalum Ta 180.95	tungsten W 183.84	rhenium Re 186.21	osmium Os 190.23	iridium Ir 192.22	platinum Pt 195.08	gold Au 196.97	mercury Hg 200.59	thallium Tl 204.38	lead Pb 207.2	bismuth Bi 208.98	polonium Po [209]	astatine At [210]	radon Rn [222]
francium Fr [223]	radium Ra [226]	** Lr [262]	rutherfordium Rf [261]	dubnium Db [262]	seaborgium Sg [266]	bohrium Bh [264]	hassium Hs [269]	meitnerium Mt [268]	darmstadtium Ds [281]	roentgenium Rg [272]	ununbium Uub [277]	ununquadium Uuq [289]					

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lanthanum La 138.91	cerium Ce 140.12	praseodymium Pr 140.91	neodymium Nd 144.24	promethium Pm [145]	samarium Sm 150.35	europium Eu 151.95	gadolinium Gd 157.25	terbium Tb 158.93	dysprosium Dy 162.50	holmium Ho 164.93	erbium Er 167.26	thulium Tm 168.93	ytterbium Yb 173.04
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actinium Ac [227]	thorium Th 232.04	protactinium Pa 231.04	uranium U 238.03	neptunium Np [237]	plutonium Pu [244]	americium Am [243]	curium Cm [247]	berkelium Bk [247]	californium Cf [251]	einsteinium Es [252]	fermium Fm [257]	mendelevium Md [258]	nobelium No [259]
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Students regularly give highest-level evaluations to chemistry Professor John Adams for his teaching, but few realize the extent of his dedication. In 2009, he received the University of Missouri President's Award for Teaching Excellence.

Nm Story by Nancy Moen

Rh Photos by Rob Hill

It's

6:15 p.m., and after a 13-hour day, chemistry Professor **John Adams** will soon preside for two hours over a study table in Memorial Union's Bengal Lair.

HE NEEDS TIME to prepare a presentation for next week's national chemistry conference, but instead, Adams selects a table by the entrance and, coffee cup in hand, waits for his students to arrive.

Adams offers extra help every Wednesday to students of Physical Chemistry II, a tough course in quantum chemistry that explains in greater depth the concepts students learn in freshman chemistry classes.

Somewhere between physics and chemistry, quantum chemistry provides the mathematics to describe the fundamental behavior of matter at the molecular level. There's no dancing around it; this basic knowledge is required for advanced study in chemistry.



'He loves his job, and it flows through his teaching'

Study groups were becoming popular when Adams was a college student in the era of disco dancing. He joined one for a few sessions, then realized he was spending most of his time explaining concepts to the

group, which, of course, he's still doing.

Although the hum of subdued voices fills the room, it's quiet at the chemistry table as three students mathematically investigate the small-scale world of atoms and molecules. Seniors Drew Backer, Collin Mayhan and Amie Norton write formulas on paper or enter numbers on calculators.

While the students work, a biology major and former student of Adams walks near the group and overhears conversation on atomic units, spin states, vectors, electrons, quadratic equations and nanometers. He pauses to give Adams and the group a friendly greeting: "Wow. This is brutal. I want nothing to do with it."

The quantum chemistry students stay on task, barely glancing up from their assigned class problems. They study the numbers, shake their heads, erase or delete, and try again. This is the class that makes students realize they should have been more serious about learning calculus, Adams says.

Adams' expertise is molecular dynamics. His research — computer simulations of how atoms and molecules interact — complements information obtained through bench experiments and helps predict results. He is known for encouraging undergraduate students, including freshmen, to join the research and then guiding them through to publishable results in their first year.



'Great lectures; they keep me awake at 8 a.m., so they must be good'

Adams teaches hard material with helpful analogies, a technique he has used for years. At the study table, he resurrects his knowledge of ballroom dancing to draw a diagram and explain the movements of electrons: Like dancers, electrons achieve balance through complex, correlated motions to avoid one another. They can dance closer if their motions are correlated. If one partner goes in one direction, the other partner moves to stay together and to avoid step-

ping on the other partner's toes.

Nicholas Materer, BS '90, now a chemistry associate professor at Oklahoma State University in Stillwater, remembers similar examples of Adams' clear and patient explanations of abstract concepts in quantum chemistry and spectroscopy. In Materer's words, Adams never showed a "hint of annoyance for having to repeat the answer using different analogies until I finally understood the underlying concepts."

Watching that light turn on is what Adams loves, and he has illuminated a lot of brain cells during 27 years of teaching 25 different courses. Those course subjects range from basic chemistry to the deep knowledge of quantum chemistry and chemical kinetics. Department of Chemistry Chair Jerry Atwood says most contemporaries of Adams probably have taught a maximum of 10 different courses.

For two decades, Adams has directed undergraduate studies. He has developed online advising materials, shaped new classes and directed a major revision of the undergraduate chemistry curriculum — important work for a department that serves 8,000 students each year.

Adams' colleagues consider him a master teacher, an opinion corroborated by distinguished honors that include the 2009 University of Missouri System President's Award for Teaching Excellence — a \$15,000 prize. Previous honors include a \$10,000 William T. Kemper Fellowship for Excellence in Teaching in 1993 and an Amoco Foundation Undergraduate Teaching Award — the only occasion the award was presented to an assistant professor — in 1987.

Atwood nominated Adams for the President's Award after years of witnessing his commitment to students and to the cause of improving teaching. Adams touches students' lives and enriches their college experience by pushing them to levels of achievement they may not have thought possible, Atwood says.

Alicia Webb of Edwardsville, Ill., a freshman on Adams' research team, says she



was “blown away” by how good he was at explaining the material: “He took the time to make sure I understood what he was talking about instead of just throwing new concepts and vocabulary at me without realizing that I am still an undergraduate.” Webb uses computer software to model and analyze interactions between a host molecule and various guest molecules. The research could affect future methods to extract species selectively from waste streams or to deliver drug molecules selectively to sites in the body.

Still, it’s not just multiple awards that reflect a professor’s reputation for teaching. Adams regularly receives outstanding student evaluations. Every student in last year’s quantum chemistry class ranked him at the highest

level for lecture quality, enthusiasm for the subject and ability to stimulate interest.

Atwood tells the story of a teaching intern who was assigned to observe Adams’ class and report on his teaching style. After completing the assignment, the intern had to explain why there were gaps in his notes — he had simply become caught up in the class material Adams was presenting.



‘Many office hours devoted to students’

When he’s in, the door to Adams’ office remains open as an invitation for students to enter. “Faculty sometimes think they can separate the classroom academics from the

Professor John Adams answers questions about quantum chemistry during an informal study session with seniors Amie Norton and Drew Backer.

whole experience — which includes advising and knowing what it takes to get a degree — but you can’t,” Adams says. “Students don’t; they know they’re all linked.”

Working in a room with an open door guarantees that Adams will have little uninterrupted time in his office. Those who enter his office encounter a welcoming bowl of chocolate candy and a nonjudgmental adviser who will stop what he’s doing to listen to concerns about course work and credit hours.

Just as often, he hears about problems on subjects of health, family, money, roommates and dating.

"Students will tell you things they wouldn't admit to anybody else," he says. "Sometimes they just need to talk to an adult. There have been a few times that it's pretty clear I can't do anything, but in those cases they don't expect you to solve the problem; they just want you to listen."

Adams didn't pick up advising techniques from psychology courses or learn the complexities of curriculum navigation from his college professors. Without children of his own, he hasn't personally experienced the daily traumas of rearing young adults. He has learned by doing and through serving on the College of Arts and Science Committee on Curriculum, Instruction and Advising since 1993.

The A&S student government honored Adams twice with Blue Chalk Advising Awards, most recently in 2009. The Missouri Academic Advising Association also named him an Outstanding Faculty Academic Advisor.

It's no mystery why plaques and certificates for advising decorate the walls of Adams' office or why he's asked to instruct other faculty members on the intricacies of

'I believe we make our own immortality. Some do it through their kids. I don't have children, so I have to do it some other way — through the next generation.'

MU degree programs. Adams pushes himself to learn as he pushes his students, and he goes out of his way to help them. Literally. He once delivered a form to St. Louis for a student who couldn't make the trip.

If a student comes by to drop a class, he asks if there was something about the course he could have changed to prevent the withdrawal. He has met on weekends with students who don't realize professors have regular lives that include ballroom dancing or cooking club.

Few students, after all, would expect a chemistry professor to work on mastering dance steps, but Adams and his wife, chemistry Professor Carol Deakyne, enjoy leisure dancing, particularly swing. The couple danced some of their first steps together as husband and wife on tabletops at their wedding reception. Eighteen years later, people still stop to watch their foxtrot or tango.

In the kitchen, however, any culinary experiments are mostly solo, with Adams performing a close approximation of bench chemistry by adapting recipes as he cooks. His best effort? Bourbon pecan torte, Deakyne says, and she cleverly makes no move toward learning the process.



'Went to great lengths to be available for help'

"John is the best teacher we have. That's the bottom line. Not only is he really good in the classroom, he's versatile. That's pretty unusual," says Associate Professor Steve Keller.

About 10 years ago, Adams became a mentor to Keller, a junior faculty member newly appointed to teach general chemistry to 300 students. Adams attended Keller's lectures and coached him on all aspects of his stressful new job, from lecture pacing and visual aids to crafting exams and setting up laboratory equipment.

"It was tremendously important for me at the time, and it remains valuable because there are still things to learn from others," Keller says. The mentor-colleague line has blurred into a friendship now.

But Adams' mentoring isn't restricted to chemistry faculty. For four years he and Deakyne have participated in Colleague Circles, a social group for first-time faculty members or professors new to Mizzou. In groups of eight or more, they meet monthly at restaurants or in faculty homes.

Helpfulness is an innate characteristic for Adams, whose list of service activities, single-spaced, covers nearly four full pages — proof that buying lifetime memberships in service groups can be a dangerous step.

Most faculty members give back to their professions through professional organiza-



Relaxation for Adams is a Saturday afternoon in the kitchen. On this occasion, he prepares stuffed trout for a cooking-club dinner.

Right: Adams gets pumped about chemistry concepts while delivering a guest lecture for the Honors College course Warm Little Planet.

Bottom right: Adams works in his office with chemistry majors Matt Breite and Alicia Webb, who joined his research team as freshmen.

tions or with student groups. Adams logs multiple hours, year after year, as an officer for numerous organizations, including the American Chemical Society, where he is a prominent figure. Sandwiched somehow into his schedule are guest lectures, manuscript refereeing for professional journals and science textbooks, and proposal reviewing for agencies such as the National Science Foundation.

That's a full dance card. "I'm well over-committed," Adams says. "I just got used to doing it."



'He made chemistry easy to understand'

Work at the study table has concluded, and the students are gathering their papers and books. Before leaving, Mayhan, who plans to be a research professor, asks Adams why he spends so much extra time helping students.

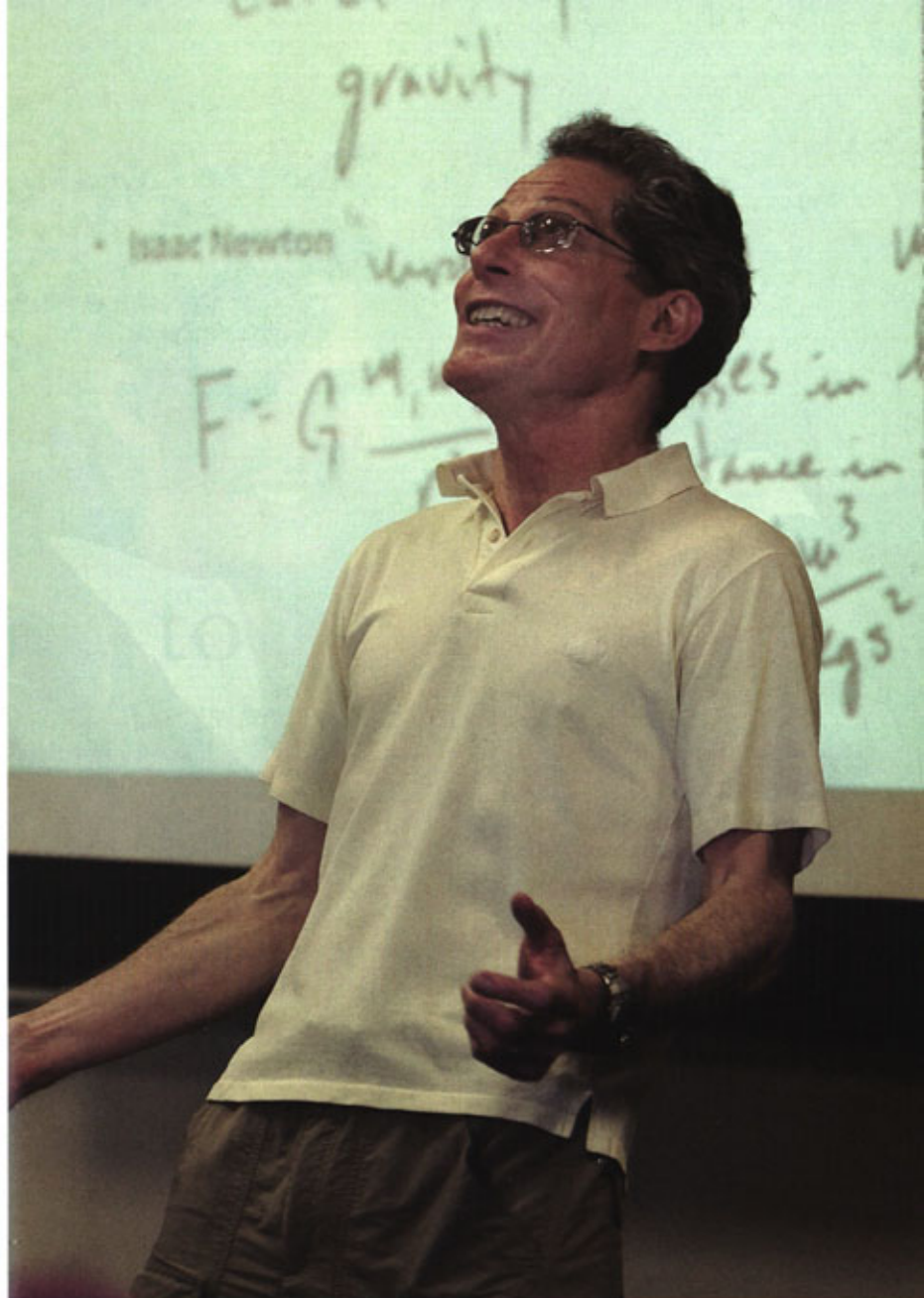
Without missing a beat, Adams replies: "What fun is it if you don't learn the subject? Besides, I'm going to retire someday. You're supposed to replace me."

Finally, at 8:15, he heads home to dinner and that unfinished conference presentation. |||

About the author: Nancy Moen has been writing about the people and programs of the University of Missouri for nearly 20 years. She is director of special projects with MU Web Communications.

Note: All subheads in this story are quotations from Professor Adams' student evaluations.

READ MORE OF WHAT STUDENTS SAY ABOUT PROFESSOR ADAMS. | MIZZOOMAGAZINE.COM







True to form

Lee Anne Litzsinger investigated how birth order plays out in 19th-century British novels. No matter how you dress it, a first-born sister is a first-born sister in any century.

Story by Sarah Garber

Photo by Rob Hill

BEING A SISTER, Lee Anne Litzsinger is interested in how female siblings interact. Being an English major, where better to look than in novels?

Litzsinger is about to start her first year as a library science master's student. She spent her undergraduate years at MU earning a bachelor's degree in English with minors in history and journalism. During her senior year, she conducted an independent research project under the guidance of Professor Julie Melnyk. The project was part of the Undergraduate Research Mentorship Program.

"I was interested in the role of sisters in 19th-century British novels," says Litzsinger, BA '08, of Chesterfield, Mo. "As a sister myself, I wondered whether modern studies

of the significance of birth order could be applied to these novels, and what the similarities or differences might tell us about their cultural context."

Litzsinger examined 11 novels published between 1811 and 1887. "I found out that, in almost every case, sisters in these novels fit with what modern-day birth order research has discovered. Not only is this an interesting lens through which to read these books, but it also helps explain our fascination with, for example, Jane Austen's work, because so many of the relational and family dynamics are the same," Litzsinger says.

Litzsinger, the eldest of three girls and one boy in the Nick and Marty Litzsinger family, provides an example: George Eliot's *Middlemarch* follows Dorothea Brooke and her younger sister, Celia. Dorothea fits the stereotype of an older sister perfectly, Litzsinger says. She is scholarly, a natural leader and feels comfortable being in control. In addition, "she has not only the virtues but also the faults of an eldest born,"

Litzsinger says, noting Dorothea's stubbornness and tendency to diminish her younger sister. "I can also sometimes diminish my younger sister," Litzsinger shares. "The book rings true to life. When you realize that, it gives you a new respect for the text, what it can show you and how it impacts your life."

For Litzsinger, a bona fide speed-reader, the undergraduate research experience ultimately convinced her to pursue work in library science, which means she can reserve reading novels for pleasure.

"I realize that there's a place for this kind of research, but if I did it for a living, I wouldn't enjoy the novels anymore," Litzsinger says. "I had the chance to work in an English academic setting and I loved it, but I'm OK with the fact that I don't want to do that for the rest of my life." ■

More: <http://undergradresearch.missouri.edu>

Lee Anne Litzsinger's research on how birth order plays out in the sisterly relationships of 19th-century British novels taught her a lot about her own first-born characteristics. The experience also sent her in a new direction for graduate school.

SEE MORE UNDERGRADUATE RESEARCH PROJECTS |
MIZZOOMAGAZINE.COM

Balancing th

With record enrollment, campus leaders are planning to maintain academic quality during tough economic times. By John Beahler

Figuring out how to pay for a college education is a daunting task for prospective students and their families. It usually requires more than a few sessions around the kitchen table as family members work through a host of possibilities.

How much will expenses (tuition, room and board) cost next academic year? How much of that cost can be reduced by scholarships and student or parent loans? Should 529 college savings money be used now or left in the market to possibly grow? What about dipping into the parents' retirement accounts? How much of the student's earnings should be applied to college costs? Does the student qualify for a work-study job to use for spending money? Weighing all these variables can get complex.

It's complex for colleges and universities,

too. MU's leaders know families are struggling. For 2009–10, the financial aid office has received nearly 3,000 more inquiries for financial assistance than were received a year earlier. In response, Director Jim Brooks says, \$2 million-plus in campus funds has been added to need-based aid for 2009–10. Last fiscal year, MU spent \$34.2 million of general operating funds for all financial aid — need and merit.

With reduced tax revenues because of the prolonged economic downturn, states are hurting, too. According to a recent survey by the National Association of State Budget Officers, 35 states are proposing budget cuts for the 2009–10 fiscal year, and 32 of those states have targeted higher education for part of the cuts. In some states, such as California, Arizona and Washington, public universities are considering significant tuition increases.

As states are forced to cut their budgets, they often target "discretionary" funds supporting colleges and universities. When higher education is faced with lower public support, it balances the budget by raising tuition, trimming programs, laying off employees or cutting back scholarship offers.

So far, Missouri has avoided cutting higher education's budget for the coming year. In January 2009, Gov. Jay Nixon, BA '76, JD '81, announced an agreement with the state's public colleges and universities: Higher education institutions would receive the same level of state support as the current year if they agreed to freeze tuition.

For MU, that will mean a state appropriation of \$189.4 million for 2009–10.

Although Mizzou has avoided for now the fiscal crisis facing other universities, campus leaders are still dealing with significant budget challenges. A University of Missouri System hiring freeze and other cost-cutting measures saved MU nearly \$9 million by June 2009 to help fund campus priorities. Some of that money could help patch future budget shortfalls if the economy stays weak.

At the same time MU is tightening its belt, the campus is experiencing record student enrollments. That bulge in student numbers in recent years has administrators scrambling to ensure that students can get the courses they need to graduate. Chancellor Brady Deaton has pledged that MU will maintain the high quality education it provides students.

By early August, admissions officials were predicting a fall 2009 freshman class of 5,500 to 5,700, down slightly from a record 5,782 the previous year. If those numbers hold, that would still put total enrollment at an estimated 31,000. Total enrollment in FY2009 was 30,200.

MU's administration, working closely with the academic deans, is providing additional money — what is being called "surge funds" — to meet the demand for classes. For instance, at one point it looked like the College of Arts and Science would have to drop its popular minor in psychology for budget reasons, but surge funding allowed it to add six new course sections in basic

e numbers

psychology. That freed up faculty to teach the high-demand upper-division courses required for a psychology minor.

"Across the board, arts and science department chairs and undergraduate studies directors have risen to the occasion and offered new courses or sections, figured out different course configurations, and offered courses at previously unused times," says Mike O'Brien, dean of arts and science. "The toughest areas are the sciences, but we've been able to make it happen."

For the 2009-10 academic year, the administration has budgeted \$2.2 million in additional money for academic units to meet increased student demand for courses, says Ken Dean, deputy provost. The money isn't targeted only to expand classes; it includes \$750,000 more for need-based financial aid and for services such as tutors and advising that improve student success. ■

Cost of attendance

After a decade of steady tuition increases, MU students and their families get a break. A voluntary tuition cap will keep college costs stable this year. The \$69 increase is due to a prior, student-approved increase in the activity fee.

Source: Jim Brooks/Financial Aid



RESIDENT

	2008-09	2009-10
Fees	\$8,500	\$8,569
Room & board	*\$8,100	**\$8,170
Total	\$16,600	\$16,741



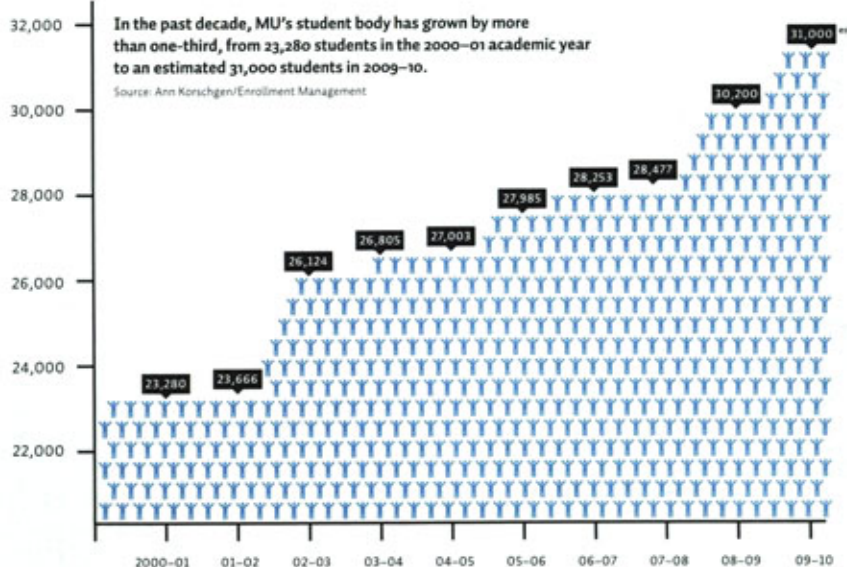
NONRESIDENT

	2008-09	2009-10
Fees	\$18,850	\$18,919
Room & board	*\$8,100	**\$8,170
Total	\$26,950	\$27,091

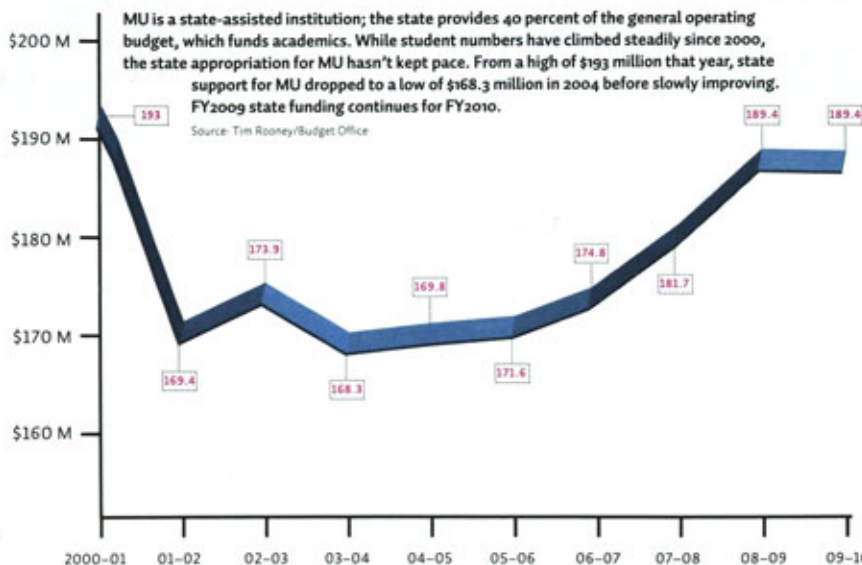
* Priced with Mizzou 21 Gold Meal Plan

**Priced with Mizzou 21 Meal Plan

Enrollment grows steadily



General operating budget



Graphs by Blake Orndale



A new frame for aging

Mizzou nurses and engineers remake senior living.
Story by Dale Smith · Photos by Nicholas Benner

AT AGE 86, retired factory worker Eva Olweean is an early adopter of technology. She also could be the poster child for the many millions of people who want to live independently as far into old age as possible. Olweean is a resident of TigerPlace, a long-term care facility in Columbia designed by researchers at MU's School of Nursing. She agreed to let researchers place sensors

around her apartment as part of a series of studies measuring physical and cognitive decline. The sensors feed data about Olweean's daily movement patterns to software that creates a unique profile of her habits.

Researchers are developing an automated way to use the computer as an alarm system: The computer will monitor movement

patterns and, in the event of an important shift, send an automated "Check on Eva" message to a nurse on duty.

In 2007, when Olweean could have benefited from the fully automated system, it was still in development. She was recuperating in her apartment after a hospital stay for congestive heart failure. Luckily, researcher Marilyn Rantz happened



TigerPlace resident Agatha Grisam looks for a book to read in one of the common rooms. In April, Grisam moved into the facility from her family farm in Glasgow, Mo.



to be at TigerPlace looking over Eva's readouts. Rantz, professor of nursing, is a national leader in improving the quality of nursing homes and using technology to help elders live independently.

"The data showed that Eva wasn't resting well. She kept moving back and forth between her bed and easy chair. That's not her usual pattern. When I saw this, I went

to her room right away and assessed her." Rantz found that Olweean was in the early stages of troublesome weight gain that often accompanies congestive heart failure. The monitors had caught the signs in time, and Olweean's physician dealt with the problem promptly. News outlets all over the world carried Olweean's story.

Even in these early stages, researchers

have identified pattern shifts in about one-third of people with emerging health problems that could lead to falls, emergency room visits and hospitalizations.

Mom and dad as models

Although Marjorie Skubic is the high-tech expert in TigerPlace research, the inspiration

for her current work is about as low tech as it gets. Presentations about the project include a picture of her parents. The Skubics are playing polka music in Brookings, S.D. Mom Mary Ann, 85, is perched at a drum set, and dad Lou, 87, stands at her side with his accordion at the ready. The couple keeps active by gardening and performing polka music for "the old people" at local nursing homes.

"They've lived together for more than 60 years," says Skubic, professor of electrical and computer engineering. "They know each other well, they monitor each other, and they are good at helping each other fix small physical problems before they become big problems." In a nutshell, that's what Skubic and Rantz are trying to accomplish with

TigerPlace residents enjoy drinks and appetizers at a happy hour gathering before dinner.

hardware, software and nursing intervention at TigerPlace. "The goal is to keep residents functionally active," Skubic says.

A better way to age

Bottom line, nobody wants to live in a nursing home, Rantz says. She has directed much of the development at TigerPlace, located at 2910 Bluff Creek Drive. The retirement community is a leader in the aging-in-place movement that aims to improve homes, communities and services with the needs of elders in mind. Creating good long-term care is a particularly difficult part of the problem.

The high-tech research at TigerPlace has made headlines, but it's just part of the facility's aging-in-place model. For starters, it's an attractive setting. The public spaces

— lounges, dining areas, movie theater, gardens — are all on one level and have the look and feel of a nice hotel. Elders have been living in the one- and two-bedroom apartments at TigerPlace since it opened in 2004.

The aging-in-place approach relies in part on a professional safety net. When residents develop health problems, a nurse care coordinator ensures that they receive treatment in a timely manner. Navigating the health care system is a complex undertaking, and having the nurse on site minimizes chances that a treatment falls through the cracks. TigerPlace services range from minimal help with bathing to what nursing homes offer their most frail residents. Rather than asking seniors to endure the usual scenario in which they must move from facility to facility as their health care needs increase,



Technology aids elders

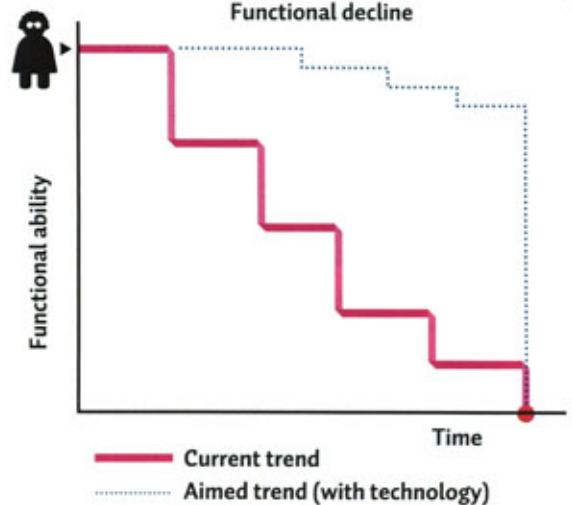
At a cost of \$20 each, passive infrared motion sensors, right, may turn out to be a big bargain in health care. They track the motion of warm bodies (people) in their apartments at TigerPlace. Set on walls, the 2.5-inch-tall monitors measure general activity.



When also placed inside kitchen drawers and refrigerators, and over showers, the sensor data paint a detailed picture of a resident's movement patterns. The wireless sensors transmit data to computers tucked into a small cabinet above the refrigerator. From there, the data are transmitted by wire to a server in an IT room at TigerPlace. Software looks for patterns that could signal health problems early, while still small and easily treatable.

TigerPlace was designed with an attic walkway to make equipping apartments for research relatively easy.

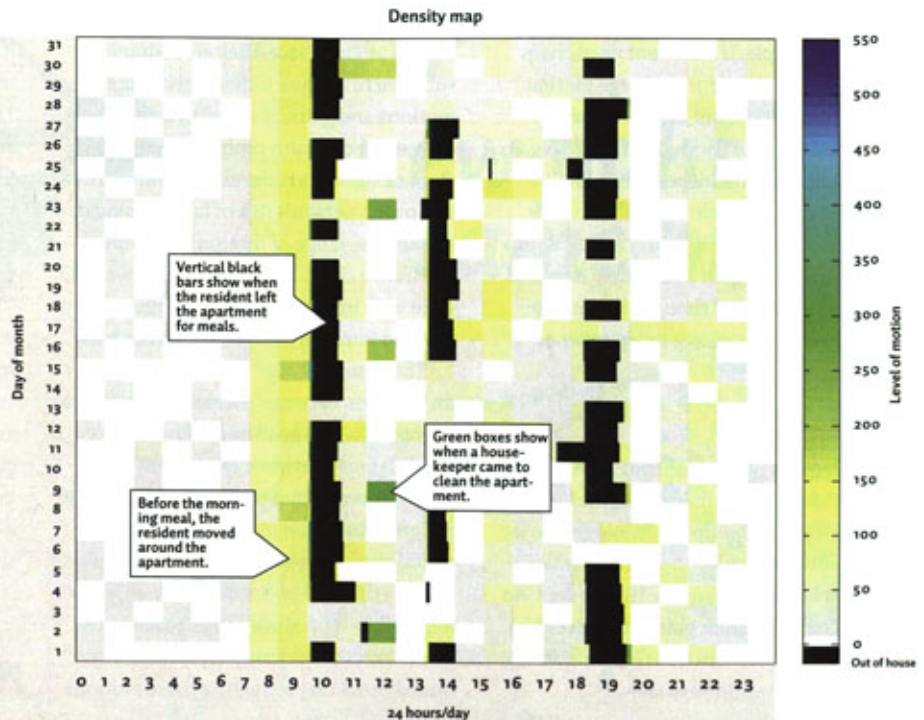
Trajectory of functional decline



Research at TigerPlace aims to slow the decline in functional abilities as people age. The pink stair-step pattern, above, represents a steep decline in abilities under normal care. The dotted line shows the research goal of minimizing impairments through monitoring and early intervention.

A map of movement

Motion sensor data from TigerPlace apartments are used to create a motion density map showing movement patterns. By monitoring movement this way, the software can spot changes that may indicate problems. The graph at right shows the movements of a resident who dines and sleeps at regular times. If such a resident became depressed or had other health problems, the pattern could change, which would prompt a nurse to check on the situation.





Left: Jackie Schneider teaches yoga to residents two times a week.

Above: From left, TigerPlace residents John Mowrer and Art Ausherman enjoy ice cream malts at the 63 Diner in Columbia during "Man Day," a male-only trip that typically involves food and drink at a local restaurant.

seniors at TigerPlace can stay "home."

In addition to the safety net, TigerPlace has a set of carrots and sticks to encourage healthy living. Carrots include wellness clinics, an exercise room, good food and plentiful green space, including a walking trail. Sticks include financial incentives to stay healthy. The basic cost of living at TigerPlace includes all the amenities mentioned above, plus care coordination, access to an on-call nurse and the wellness clinic, four nurse visits a year, and full health assessments twice a year. Beyond that, charges accrue.

"For example, if a resident needs help taking a shower, there's a charge for that. When they get the bill at the end of the month, that helps motivate them to regain their abilities and independence," Rantz says. "I've seen people move from needing services three times a day, seven days a week, to needing just a little help now and then. We put a lot of thought into making incentives that reinforce independence."

A living lab

TigerPlace may look posh, but it's also a 24/7 research lab. "The whole place is set up to develop, test and refine technologies so we can eventually deploy them in other facilities and in people's homes," Rantz says. An overarching question guides the research: "Can we measure functional decline and develop interventions to slow it?"

A few other universities are chasing a similar idea, but their lab spaces are limited to a single apartment or house equipped with sensors, Skubic says. TigerPlace provides a larger group of people and long-term data from real living situations. Of the facility's 54 residents, 25 have agreed to have the monitoring technology in their apartments. Some residents have participated in research projects for as long as three years.

Skubic and Rantz are developing other monitoring technology that uses visual sensors to create digital silhouettes of residents as they move about. Before testing the new system at TigerPlace, they are training the software to analyze individuals' various motions and gaits, features that can give early signs of health problems. Skubic's team of students is developing software to compute a person's risk of falling using data on posture, range of motion and ability to rise from a chair. "Then, if need be, we can go in with interventions to strengthen muscles and improve posture to prevent falls."

The system is also learning some tricky distinctions between normal and abnormal movements and postures — for instance, the difference between lying down on a couch versus falling to the floor. Being able to detect falls immediately and send help would speed recovery significantly, Skubic says. To train the software, the researchers first had to train stunt actors to fall in the same ways that elderly people fall. They filmed the actors recreating these motions

over and over to give the software enough examples for analysis.

Using monitoring technology in people's homes raises the issue of privacy. Skubic says TigerPlace has been sensitive to this issue. Data gathered from the apartments are kept secure, and residents' privacy is protected. Researchers also have tried to make the technology as noninvasive as possible. "Our research shows that, after about a month, they forget the sensors are there," Skubic says.

Where's the money?

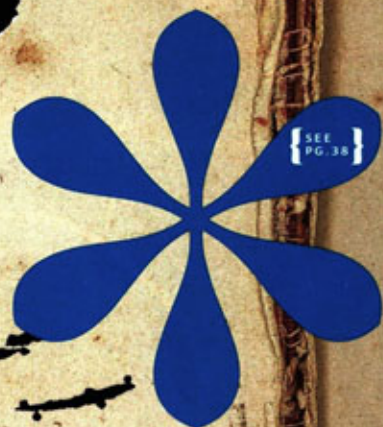
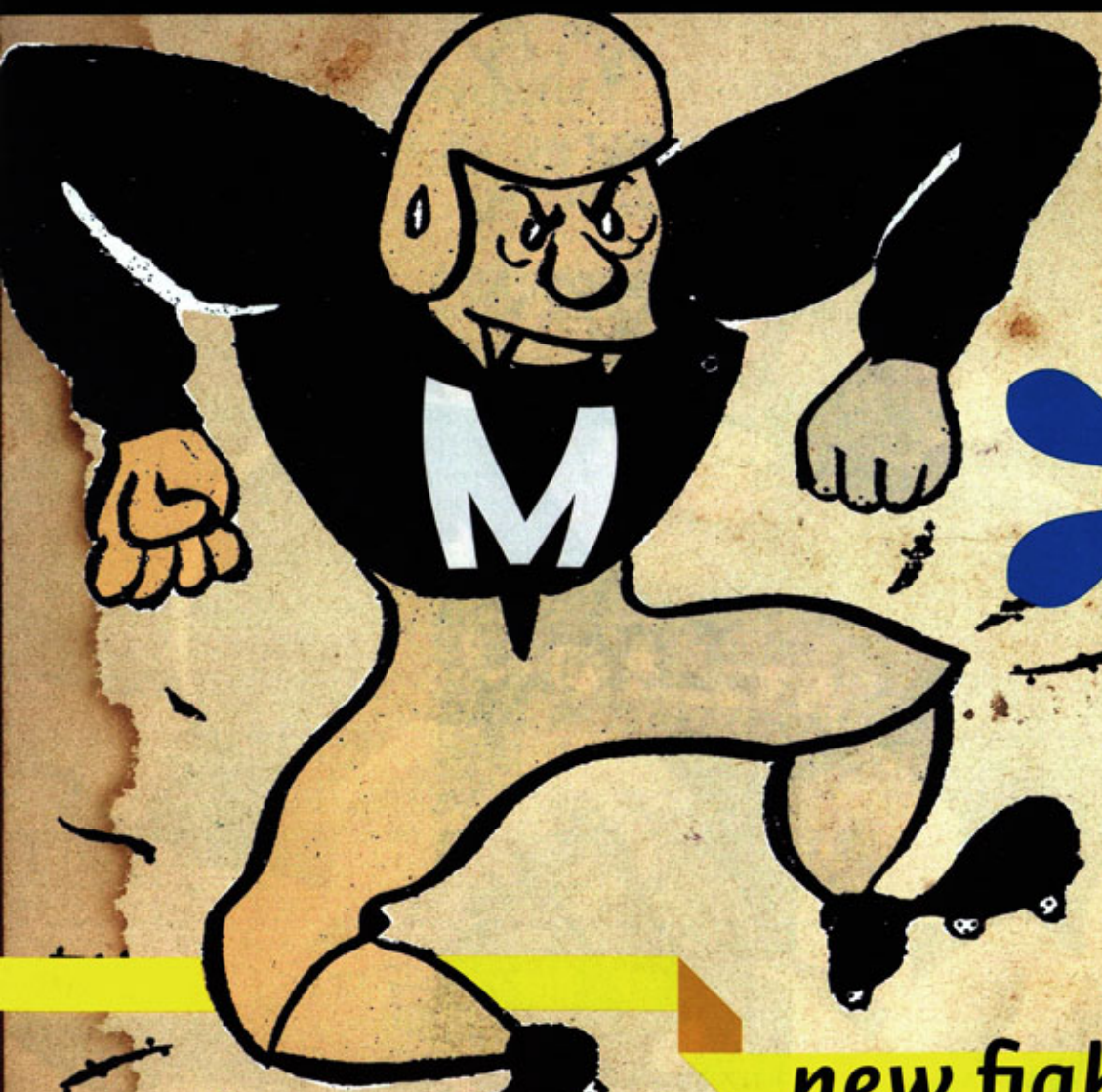
Rantz says aging in place works, both in terms of improved health and cost savings. This holds true not only for TigerPlace but also for her community study. Elders living in their own homes who had a care coordinator required \$719 less in monthly health care costs than Medicaid spends on a similar group without an aging-in-place approach. "The aging-in-place group also walked better, was less depressed, had better short-term memory and less pain," Rantz says.

"As wonderful as the housing is here, and even with the wellness programs and care coordinator, no resident's charges have ever exceeded the average cost of living in a nursing home. This place is unique in the country." ■



MU STUDENTS HELP "TRAIN" SOFTWARE
TO RECOGNIZE FALLS. | MIZZOOMAGAZINE.COM





{ SEE
PG. 38 }

**new fight,
same bite**

2009
football
preview!

two grand
marshals!

Marching
Mizzou in
England!





SEAN WEATHERSPOON

In 2009, 'Spoon' is bent on breaking Missouri's all-time career tackling record.



SPOON-FED

Now that Missouri football has earned national respect, players are hungry for seconds. And thirds.
Story by Marcus Wilkins † Photos by Nicholas Benner
and Rob Hill † Sculpted spoons by James Calvin

For every true Mizzou fan, skies above have definitely been blue. The Tigers set a school record with 22 wins during the past two seasons after averaging fewer than six wins per season the previous decade.



MISSOURI'S 30-23 OVERTIME VICTORY against Northwestern University on Dec. 29, 2008, in the Alamo Bowl was its third bowl win in four years. Missouri is now a perennial part of the national football conversation, bringing a swagger hitherto unfamiliar to a generation of MU fans.

Unfortunately, the Alamo Bowl also marked the end of an era for six players on offense and seven on defense. Gone are star quarterback Chase Daniel and his two favorite targets, wide receiver Jeremy Maclin and tight end Chase Coffman. Departing from the defense are lineman Evander "Ziggy" Hood, safety William Moore and defensive end Stryker Sulak.

More than 40 players have moved on from Missouri in the last two years, but in his ninth season, head Coach Gary Pinkel is confident his program has achieved the recruiting momentum it needs.

"There was a time when nobody knew who Ziggy Hood was and no one had heard of Stryker Sulak," he says. "We've got a lot of kids now where it's kind of like it was three or four years ago."

So it's fitting that senior linebacker Sean "Spoon" Weatherspoon leads Mizzou into a new era with an ebullient personality and youthful energy. If "Spoon" and his teammates can inspire a defensive revival at Missouri, fans will continue to eat it up.

Table for 12

No conference is as defined by its quarterbacks as the Big 12, and 2009 will again showcase the nation's best. Baylor, Kansas, Oklahoma and Texas all return top-flight quarterbacks with Heisman Trophy potential.

For Missouri, Blaine Gabbert could be the latest in what has become a legacy behind center. The 6-foot-5, blue-chip recruit

from Ballwin, Mo., has confidence and arm strength, but limited experience tempers expectations for the sophomore in 2009.

The Black and Gold Game on April 18 offered glimpses of Gabbert's athleticism and skill, but the defense was the dominant squad that day, stuffing the offense 68-40.

"Just like when Daniel was starting out, you have to rely more on other guys when you have a young quarterback," says David Yost, new offensive coordinator.

Yost represents one of the two most significant promotions on the Missouri coaching staff, as former offensive coordinator Dave Christensen is now the head coach at the University of Wyoming, and former defensive coordinator Matt Eberflus coaches linebackers for the Cleveland Browns.

Previously the quarterbacks coach, Yost was instrumental in developing record breakers Daniel and Brad Smith. New defensive coordinator Dave Steckel has been the man behind Mizzou's talented corps of linebackers for the last eight years. Yost and Steckel have a combined 25 years of experience with Pinkel, a particular point of pride for the head coach.

"When you hire from within, you hire people who know how you do things," Pinkel says, comparing the process to his experience as an assistant under University of Washington coaching legend Don James. "This transition has been very minimal for everyone, but most importantly for the players."

Chewing up yards

Junior tailback Derrick Washington was the Big 12's third-leading rusher in 2008 with 1,078 yards. Along with sophomore tailback De'Vion Moore, who averaged almost six yards per carry last season, the running backs will likely be among those "other guys" Yost mentions. In fact, with a

new quarterback and fresh faces on every unit, fans are wondering how the Tigers' high-flying aerial attack will fare. But don't expect Mizzou to transform from the spread offense into the I formation.

"When you lose that many players in two years, the last thing you want to do is come in and change the offense around," Pinkel says. "You want to go back to basics. There are adjustments we're going to make, but we're going to do it within our system."

The offensive line continues to get bigger and stronger, anchored by returning starters junior Tim Barnes, senior Kurtis Gregory and sophomore Elvis Fisher. At 6-foot-7, 315 pounds, sophomore tackle Dan Hoch won playing time as a true freshman in 2008, while sophomore Austin Wuebbels steps in at left guard.

Senior wideouts Jared Perry and Danario Alexander will try to replace the 2,093 receiving yards and 20 touchdowns posted by Maclin and Tommy Saunders, and speedy sophomores Wes Kemp and Jerrell Jackson also have earned increased expectations. At tight end, reliable sophomore Andrew Jones follows in the footsteps of Coffman and 2007 graduate Martin Rucker.

On special teams, Mizzou will again feel Maclin's absence as the coaching staff tries to field a new dynamic kick returner. But the biggest question mark will be replacing the most accurate kicker in NCAA history, Jeff Wolfert. The spring leader is senior Tanner Mills, with punting duties going to returning senior starter Jake Harry.

"I'm not sure you can ever replace a Jeff Wolfert," Pinkel says.

The Tigers finished last in the league in pass defense in 2008, an area they'll need to improve to stay competitive in 2009. Working to fluster opposing signal callers, Mizzou's secondary features returning junior starter Carl Gettis at cornerback and a group of athletic young players such as junior cornerback Kevin Rutland and sophomore safety Kenji Jackson.

Senior noseguard Jaron Baston, a vocal leader on defense, knows they'll have a tough task slowing down the Big 12's offenses.



JARON BASTON
Blue Springs, Mo., 6-1, 305 lbs.

Baston finished the 2008 season with career highs in tackles (49) and tackles for loss (8). The defensive lineman posted a career-best seven tackles against Texas, and he recorded his first career interception against Kansas. A dependable run-stopper in the middle, he can play either inside position, and he is the only returning starter on the defensive line in 2009. Baston was a standout player at Blue Springs (Mo.) High School, which finished the season 13-0 and won the state championship in 2003.

SEAN WEATHERSPOON
Jasper, Texas, 6-2, 245 lbs.

A first team All-Big 12 and third team All-America linebacker in 2008, "Spoon" is one of the most vocal leaders on either side of the ball. His 155 tackles in 2008 were the second most in MU single-season history (to Travis McDonald's 164 in 1994). He was named defensive MVP in Mizzou's 30-23 overtime win over Northwestern in the Valero Alamo Bowl Dec. 29, 2008. Weatherspoon is preseason first-team All-Big 12 and a candidate for the Butkus Award, given to the nation's best linebacker.

KURTIS GREGORY
Blackburn, Mo., 6-5, 305 lbs.

A veteran leader on the offensive line, Gregory has started 28 consecutive games going back to the 2007 season. He graduated with a bachelor of science in agriculture in May 2008 and now pursues a master of science in agriculture. Gregory was second-team All-Big 12 in 2008. He was also a 2008 Big 12/Chick-fil-A Community of Champions honoree, awarded to the best student-athletes for their contributions on and off the field.

DERRICK WASHINGTON
Raymore, Mo., 5-11, 225 lbs.

The versatile tailback rushed for 1,078 yards and caught 29 passes for 277 yards in 2008. Washington prepares for a bigger role in 2009 as the offense welcomes new starters at several skill positions. A second-team All-Big 12 honoree, he was only the seventh running back in Mizzou history to rush for more than 1,000 yards in a season. He underwent knee surgery in February, but he participated in the April Black and Gold Game and is expected to be at full strength by the Sept. 5 season opener against Illinois.



"Everybody says this team has a target on its chest, but on defense, we feel like we're the underdog every game," Baston says.

And then there's Weatherspoon, who Pinkel calls "the best linebacker in the country, without question." An early favorite for first-team All-America honors, he enters the season with 302 career tackles, putting him within striking distance of James Kinney's Mizzou record of 434 from 2001-04.

Despite a solid spring and an impressive Black and Gold Game, Weatherspoon stops short of saying the team will be defined by its defense.

"I don't think it's safe to say that we're a dominant defense at the moment. I think we've definitely made some strides and come far," he says. "But as far as competitive nature, you can count on these guys every day to compete."

WATCH A BEHIND-THE-SCENES VIDEO OF THE "SPOON-FED" PHOTO SHOOT. | MIZZOUTMAGAZINE.COM



Sunday buffet

Flash back to April 25. Hood stands on stage beaming, the second of six Tigers selected in the 2009 NFL Draft in New York. Together with Pittsburgh Steelers' Coach Mike Tomlin, the new colleagues hold aloft Hood's replica No. 1 jersey, signifying the top pick by the Super Bowl champions.

"Hey, check that out," says Pinkel, sliding a photo of the scene across his desk. The coach is notably nonchalant about former players transitioning from Saturdays to Sundays. "That's kind of cool, huh?"

For the Missouri Tigers, success in the draft does not represent the mountaintop. Too many goals remain — a Bowl Championship Series Bowl game selection, a Big 12 championship and a national championship.

But draft day was a fitting cherry on top for a senior class that accrued 37 victories, played in four consecutive bowl games and achieved the school's first No. 1 ranking in 47 years. Missouri football has entrenched itself in the national consciousness and now

regularly attracts NFL-caliber recruits.

"We play at the highest level here," Pinkel says. "Those [draft] numbers should increase. I think that's normal."

The 2009 squad can expect growing pains as it develops young talent in one of the most competitive leagues in the country, but the Tigers will bring their appetite.

"With success comes expectations," Yost says. "Coach Pinkel is always saying, 'You never arrive.' Because once you think you're there, guess what? Somebody just went by you." ■

TIGER FOOTBALL 2009 SCHEDULE

SEPT. 5	ILLINOIS (ST. LOUIS)
SEPT. 12	BOWLING GREEN
SEPT. 19	FURMAN
SEPT. 25	AT NEVADA
OCT. 8	NEBRASKA
OCT. 17	AT OKLAHOMA STATE
OCT. 24	TEXAS (HOMECOMING)
OCT. 31	AT COLORADO
NOV. 7	BAYLOR
NOV. 14	AT KANSAS STATE
NOV. 21	IOWA STATE
NOV. 28	KANSAS (KANSAS CITY)

Times TBA. Dates subject to change. Home games highlighted gold.



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Hoop legends host homecoming

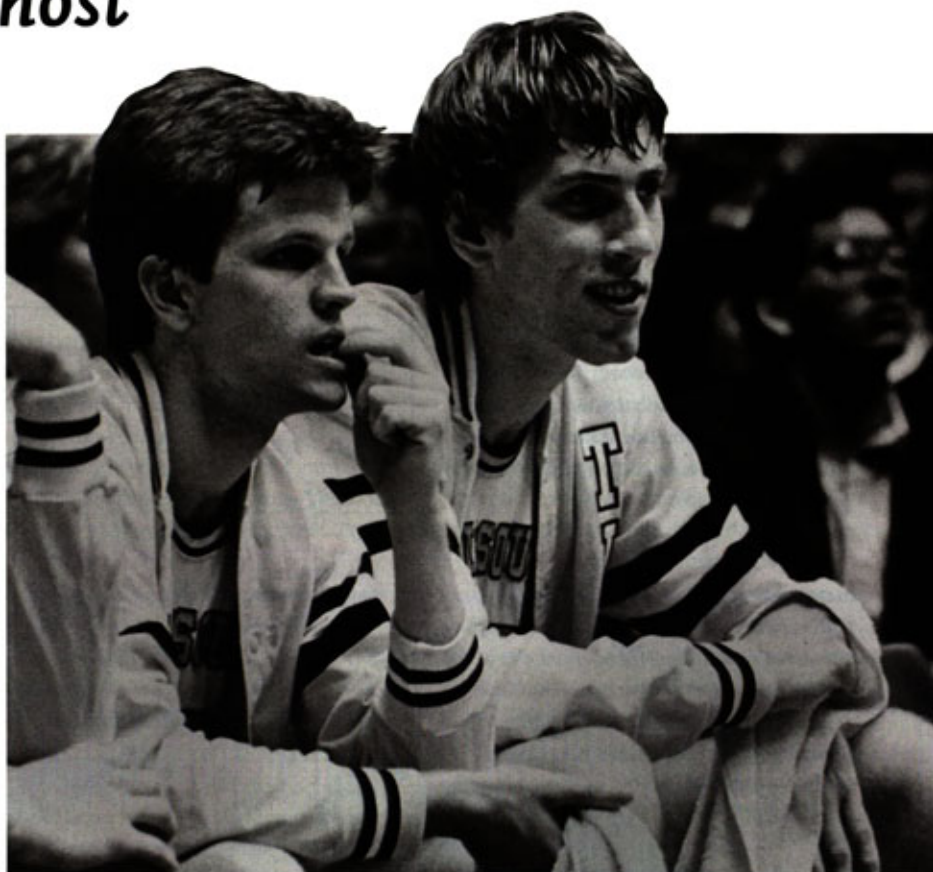
ALTHOUGH HOMECOMING is traditionally about football, the Tigers' recent basketball success makes the 2009 grand marshals popular picks: Mizzou hoops legends Steve "Stipo" Stipanovich, BS Ed '89, and Jon Sundvold, BS BA '83. Among their accomplishments, they are the only two players in Big Eight Conference history to have played on four consecutive league championship teams; they twice reached the Sweet 16 in the NCAA Tournament; and both were inducted into Mizzou's Intercollegiate Athletics Hall of Fame inaugural class in 1990 along with player and coach Norm Stewart.

Stipanovich, perhaps Mizzou's most storied big man, has fond memories of Homecoming as a student-athlete. "Homecoming is always a big deal. It's the biggest event of the year, and there was a lot of excitement in the air."

After Stipanovich finished his college career, he was the second player taken in the 1983 National Basketball Association (NBA) draft, and he played six seasons for the Indiana Pacers. He returned home to St. Louis and now raises money for Westminster Christian Academy, which is building a new campus in Town and Country, Mo.

Sundvold was the first-round pick of the Seattle SuperSonics in the 1983 draft, and also played for the San Antonio Spurs and Miami Heat. In 1989, he set a single-season NBA three-point shooting record. That year, he also established MU's first endowed basketball scholarship.

A first-rate shooting guard, Sundvold always made time for Homecoming. "Being an athlete, you're always



MU Publications file photo

Jon Sundvold, BS BA '83, left, and Steve Stipanovich, BS Ed '89, are 2009 Homecoming grand marshals.

working at your sport," Sundvold says. But there was a buzz during the lead-up to Homecoming. "The activities were quite noticeable — my friends were busy with house decs, and I always visited Greek Town for the house decs on Friday night.

On the basketball team, our world was: Go to class, go to practice and study.

But the weekend of Homecoming itself, with the game and all the activities, was very much like it is today." Sundvold is now president of Sundvold Financial in Columbia.

Both men are ready for

the Homecoming parade and set to cheer the football Tigers against Texas Oct. 24. |||

HEAR STIPANOVICH AND SUNDVOLD'S THOUGHTS ON MIZZOU'S CURRENT BASKETBALL TEAM. | MIZZOUMAGAZINE.COM

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Homecoming events

Saturday, Oct. 3
5K RUN/WALK

Help launch the Homecoming celebration at the annual 5K Run/Walk. Registration by Sept. 17 is \$15 (\$20 afterward). Proceeds benefit MU's Thompson Center for Autism and Neurodevelopmental Disorders.
8 a.m. check-in, 9 a.m. start, Stankowski Field
 Register: mizzou.com

Oct. 13–15, 20
BLOOD DRIVE

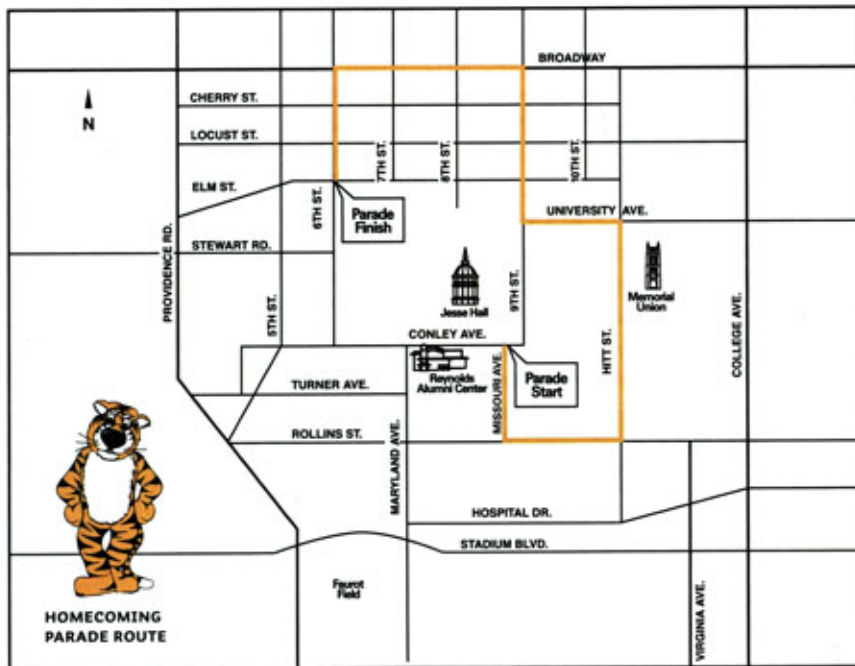
Thousands of students and alumni support Mizzou's Homecoming Blood Drive, one of the largest in the nation. Participate in Columbia or find a satellite drive at mizzou.com.
Noon–8 p.m. Oct. 13–14, Hearnes Center
10 a.m.–8 p.m. Oct. 15
10 a.m.–6 p.m. Oct. 20

Oct. 19–22
TALENT COMPETITION

Check out the range of Mizzou talent on display as students try to sing, dance and joke their way to fame.
6:30 p.m. preliminaries, Oct. 19–21, Jesse Auditorium
6 p.m. finals, Oct. 22
 Tickets: mizzou.com

Oct. 23
CAMPUS DECORATIONS

Gather in Greek Town to watch stories come to life and to peruse vendors' merchandise. Prepare for the following day's football game against Texas at the Spirit Rally with Mini Mizzou, MU Spirit Squads and Homecoming grand marshals Steve Stipanovich and Jon Sundvold.
6–10 p.m. tour decorations, Greektown
7:30 p.m. Spirit Rally, Burnam and Richmond in Greektown


Oct. 24
HOMECOMING PARADE PRESENTED BY CENTURYTEL

Get in the game-day spirit by enjoying the sights and sounds of the annual parade. Check out this year's route on this page or visit mizzou.com.
Time TBA, campus and downtown Columbia

MIZZOU ALUMNI ASSOCIATION MEMBER APPRECIATION TAILGATE

Gather with old friends and meet new ones at the Mizzou Alumni Association's Homecoming Tailgate. The event features a pregame meal and beverages, member appreciation gifts and more. Registration is \$10 for association members and \$15 for non-members. Children 12 and under are free.
2.5 hours before kickoff, Hearnes Center
 Register: mizzou.com

HOMECOMING GAME VS. TEXAS

The Tigers kick off against the Texas Longhorns at Faurot Field for the annual Homecoming game. At halftime, watch the coronation of the 2009 Homecoming King and Queen.
Time TBA, Memorial Stadium
 Tickets: 1-800-CAT-PAWS, mutigers.com

The Homecoming parade will follow the streets highlighted in gold. For updates, visit mizzou.com.



Musician recalls 1975 trip to London

CRAIG WORKMAN WAS JUST a freshman in the spring of 1975 when he made the best memory "bar none" of his college career — a trip to England and his 15 minutes of fame.

Highlights: The music major played his alto saxophone during halftime of the England vs. Scotland rugby match March 15 in Twickenham Stadium near London. Queen Elizabeth II of England was patron of the event and may have been there listening. Workman wasn't exactly going solo. About 300 members of Marching Mizzou — musicians, Golden Girls, a twirler and the flag corps — performed at Twickenham and at two other major athletic events in England during a 10-day trip.

"They were all big-time stadiums," says Workman, BJ '78, owner of The Workman Company, a marketing consulting firm in St. Louis. He says the crowds, unfamiliar with marching bands, were accustomed to half-

time entertainment from "a couple of guys in kilts playing national songs." Then in came Marching Mizzou carrying an American flag and playing a program celebrating the United States' upcoming bicentennial of independence from England. "I was just crossing my fingers that we didn't get run out of town."

He needn't have worried. "We got rousing receptions from the crowds and great write-ups in the papers. One columnist even described the style of our whole shtick as 'razmatazz.'"

Marching Mizzou's high-energy performance at an England vs. Germany soccer match entertained 100,000 spectators at London's Wembley Stadium and may have been broadcast internationally on television. But Workman's memories of preparing for the trip are just as vivid as the event.

A St. Louis businessman, George McKay, suggested making the trip, and members of Marching Mizzou raised money to make

it happen. The band recorded an album of Americana including "Yankee Doodle," "Old Missouri" and "Fight, Tiger." All the Marching Mizzou members had to sell 20 copies at \$5 each. The Missouri Banking Association also distributed the albums. "People who went talk about their memories of London, but raising all that money in just a few months and working up a huge new show — that was the real story," Workman says.

As a student, Workman played in a local band called Emerald City, which performed at bars and private parties. He switched his major to journalism when he was a junior. These days he plays music as a drummer in a couple of pickup bands doing classic rock and rhythm and blues. Once in a while he looks back on his sojourn to England: "The trip created quite a buzz around campus. It was one of the biggest things that happened at Mizzou that year." ■



Photo by Nicholas Benner





**ALL DECKED OUT IN
BLACK AND GOLD**

Students Liz Braun,
Andrew German
and Sally McVey
organize the grand
celebration.

Preparing for the big dates: Oct. 23-24

For the past nine months, this year's student directors have spearheaded preparations for the Mizzou Alumni Association's annual Homecoming festivities. **Liz Braun**, **Andrew German** and **Sally McVey** lead the 2009 Homecoming Steering Committee of 29 students and plan activities ranging from the parade to the blood drive to the talent show. Get to know Braun, German and McVey.

Liz Braun

21, SAGINAW, MICH.

JOURNALISM AND HISTORY MAJOR

Self-description: Organized, optimistic, dedicated

Got involved in Homecoming because: I wanted to be a part of one of Mizzou's oldest traditions.

Biggest challenge: Finding enough hours in the day to get everything done

First thing I thought when I learned

I was a director: I need to buy some more black and gold clothing.

Ultimate dinner companion: Jackie Kennedy, because she reshaped the role of the first lady

Can't live without: My planner

A casual friend would never guess: I love war movies.

Glad I did it but wouldn't do it again: Standing in Tiger's Lair in the pouring rain with my stomach painted as part of a slogan

Biggest fear: Scary movies. No matter how cheesy they are, I still freak out.

Splurge: Anything by Vera Bradley

Dream job: Public relations at a large corporation

Would play you in a movie: Reese Witherspoon, the epitome of a classy woman

Most important quality in a partner: Thoughtfulness. It's the little things that count, like opening a door or calling to see how my day is going.

Favorite quote: "Now faith is being sure of what we hope for and certain of what we do not see." — Hebrews 11:1.

Andrew German

21, CHESTERFIELD, MO.

BUSINESS MAJOR

Self-description: Outgoing, responsible, passionate

Got involved in Homecoming because: Mizzou has the finest Homecoming in the country, and I wanted to get involved and do something for Mizzou.

What the Homecoming theme means to me: Every Mizzou Homecoming is different but retains important traditions and values. The theme New Fight, Same Bite represents that.

Best idea I've had as a director: I would love for residence halls, Greek houses and classroom buildings to put up gold lights for Homecoming.

Ultimate dinner companion: MU basketball Coach Mike Anderson

Can't live without: My family

Splurge: My 42-inch LCD TV

Most important quality in a friend: Honesty

First purchase after winning the lottery: Porsche 911 Turbo

Dream job: Sports agent

I'd love to read the mind of: Girls. That would make life so much easier.

Favorite game: Football on Xbox 360

Most exciting experience: My bar mitzvah when I was 13. All of the hard work and preparation really made it a special day.

Favorite quote: "My momma always said, 'Life is like a box of chocolates. You never know what you're gonna get.'" — *Forrest Gump*

Sally McVey

21, KENNETT, MO.

COMMUNICATION AND POLITICAL SCIENCE

Self-description: Witty, charismatic, driven

First thing I thought when I learned I was a director: I need to get these rollers out of my hair!

Biggest surprise about college life: How fast my mom got rid of all my stuff in my old bedroom

Can't live without: My planner. Without it, I feel like I'm going to pass out.

A casual friend would never guess: I was a magician's assistant for two years and a competitive bowler for 12 years.

Important qualities in a partner: Cooking skills and a four-wheel drive vehicle

Deal breaker in a friendship or romance: The inability to apologize makes me run the other way.

Biggest fear: The F word — my future

Dream job: First lady, but being a co-host on the *The View* is a close second

Best ways to relax: Running and scrapbooking

First purchase after winning the lottery: A parking spot outside Memorial Stadium and a black and gold RV


Have always wanted to: Go to Scotland. It is a breathtaking country with a rich history. And I have a soft spot for plaid and bagpipes.

Favorite quote: "There is more in us than we know. If we can be made to see it, perhaps, for the rest of our lives, we will be unwilling to settle for less."
— Kurt Hahn

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Now that's cheerability

Mizzou fans aim to score by displaying good taste and smooth demeanor.

Photo by Nicholas Benner

AS A FORMER COLLEGE hockey player, a youth hockey coach for four decades and an MU law professor who tracks trends related to youth sports, Doug Abrams has witnessed the best and worst of fan behavior. At the collegiate level, usually it's just a few people who make a scene, he says, and alcohol often is involved. But their actions can ripple through an entire stadium.

"Sports are entertainment, and it's good to identify with your team," Abrams says. "There's nothing wrong with cheering loudly for your side. But there is something wrong with using foul language or engaging in boorish behavior toward opposing players or the fans next to you just because they happen to be wearing a jersey of a different color."

Universities nationwide are looking at unseemly fan behavior, and, for its part, MU has instituted Good Game, Great Fans, a program to foster good sportsmanship. "Students and alumni tell us that sporting events are important memories for them," says Todd McCubbin, executive director of

The Mizzou Alumni Association urges fans to be good sports. Leading by example are junior theater major Sheldon Price, left, and Courtney Murphy, BA '99, both of Columbia.

the Mizzou Alumni Association. "At the end of the day, the experience needs to be a good one."

McCubbin says the five-point program educates alumni and students through watch parties, e-mails, speeches and various other ways. The key points include:

- 1. Wear gold.** ("Gold looks great and is a terrific way to show Mizzou spirit," McCubbin says.)
- 2. Be responsible.** (It's important to be respectful of fans around you, whether from MU or another school.)
- 3. Arrive early, stay late.** (Come early to beat the traffic, and cheer the team to the end of the game.)
- 4. Celebrate our traditions.** (Know the cheers, "Alma Mater" and fight songs. "Be loud!" McCubbin says.)
- 5. Respect the game.** ("That's all about showing good sportsmanship toward the referees and opposing players," McCubbin says. "We come together to enjoy the game. Let the game be the story, not the fans.")

McCubbin is proud that this program has support from Chancellor Brady Deaton, the Department of Intercollegiate Athletics and student groups alike.

It turns out Mizzou is not the only school

making good on this resolution. McCubbin recalls how Tiger football fans were treated to some Southern hospitality when the football Tigers visited Austin, Texas, in 2008 to play the University of Texas. The president of Texas, William Powers, invited Chancellor Deaton and the association's whole tailgate party of about a thousand people to co-host a pregame event. "We all mingled at tables with the Texas supporters. Their band played our fight song, then theirs. Deaton and Powers gave speeches that complimented each other's schools.

"It was great to get that kind of reception," McCubbin says. "College football fans can get along. It can be done!" In fact, it can be done twice. Chancellor Deaton plans to reciprocate at the Chancellor's Homecoming Brunch when Texas arrives Oct. 24.

Leaders in Mizzou's athletics department also have strong feelings on the issue. "We want to look at everybody who comes to campus as customers," says Whit Babcock, senior associate athletics director. "We want athletics venues to be intimidating, but we don't want to intimidate opponents or their fans." It's about showing some class. "We like to say, 'Success is not new to us. You've got to act like you've been there before.'"



Photo by Nicholas Benner

The Mizzou Alumni Association's new president, Jackie Clark, BA '84, will work to boost alumni advocacy.

With a bang and a tweet

The Mizzou Alumni Association's new president is a straight shooter — literally. Jackie Clark, BA '84, is fond of firing her 20-gauge Browning gold-trigger shotgun in sporting clay competitions. She is even taking aim at a fundraising event that would feature shooting at clay targets sporting Jayhawk stickers.

Clark's volunteer career with the association started with a bang. In 1999, she helped organize the Kansas City chapter's first Black and Gold Tiger Ball, which has raised more than \$430,000 for academic and athletic scholarships. "When I worked at Hallmark, I lobbied a lot in Topeka (Kan.) and attended KU's scholarship gala, the Rock Chalk Ball. I thought, 'We can do better than this.'"

Stimulating Mizzou's political base is another priority for Clark. Lobbying is part of her day job as director of communications and public affairs for Ash Grove Cement Company in Overland Park, Kan., so talking to legislators comes naturally to Clark. Taking her cue from recent grassroots political organizing in Iran, she will experiment with using Twitter, a popular messaging utility, to prompt alumni to advocate for Mizzou at key moments. To follow her, go to www.twitter.com/MizzouAlumPrez.

Clark became interested in politics as a freshman in 1980, when she served as a senator representing her dorm in the Missouri Students Association. As a sophomore intern, she lobbied through the Associated Students of the University of Missouri (ASUM) program. After completing the internship, she joined ASUM's board of directors and became its chair. "On Tap Day of my junior year, I was selected to join Omicron Delta Kappa. That was a very special recognition for me and other student leaders," Clark says. She also earned a general honors certificate from the Honors College and was selected as one of the Top Ten Women of Mizzou, an award for

Mizzou Alumni Association Executive Board, 2009–10

- > Jacqueline McEntire Clark, BA '84, president, Lee's Summit, Mo.
- > Randy Wright, BGS '87, MA '02, president-elect, Columbia
- > Pamela Coldren Oberdiek, Bus '84, vice president, Kansas City, Mo.
- > Jim Gwinner, BA '90, treasurer, Valley Park, Mo.
- > Craig Lalumandier, BS CoE '89, BS EE '89, immediate past president, Weldon Spring, Mo.

outstanding senior women.

With that much firepower, Clark is sure to become known as the bull's-eye president.

Legacy in scholarships

During tough economic times, financing a college education gets challenging. For instance, California Gov. Arnold Schwarzenegger's plan to deal with the state's \$24 billion budget deficit includes cuts to the state's Cal Grants program, which gives eligible college students up to \$9,700 a year. Under the plan, the grants could be eliminated for new students and reduced for some existing students. Other states tell similar stories.

Now more than ever, the Mizzou Alumni Association's scholarship program fills a need. For the 2009–10 academic year, the association and its affiliated organizations will give \$256,000 in scholarships to 208 Mizzou students. Most of the awards are \$500 to \$1,000, says Jayson Meyer, the association's director of alumni relations.

"Alumni feel that there's no better way to support MU than to support its students," Meyer says. "We all want to extend the Mizzou legacy to the next generation of students."

The scholarship money flows from several funding sources, including chapter fundraising, the license plate program, membership dues, the Graham endowment and most recently the Mizzou Legacy Walk.

The Mizzou Legacy Walk is a brick walkway between the Reynolds Alumni Center and Conley Avenue. When the walkway is completed, donors' inscriptions will appear on 2,576 bricks, and the program will have raised about \$1 million toward its scholarship endowment. Thus far, donors have purchased 1,242 bricks and generated more than \$492,000. March 1, 2010, is the deadline for the next installment of bricks that workers will lay before commencement in May 2010. More: mizzou.com

A record year

In 2008, Mizzou set records on many fronts. Enrollment hit an all-time high at 30,200, fundraisers bested the \$1 billion mark, and more Tiger football fans bought tickets than ever before. The Mizzou Alumni Association got in on the action, too. In May 2009, we hit a new record membership level of 40,144.

Although the number itself is impressive, what the association does with membership dollars matters most. We surveyed alumni in fall 2008 about what comes to mind when they think of the association, and a top response was "money" — as in, we ask for it regularly. I cringed the first time I heard that. But upon further reflection, I'm OK with it.

That's because the money members entrust to us translates directly into support for their alma mater. Whatever you value at MU — scholarships, faculty research, athletics, schools and colleges, and traditions such as Homecoming — we support it all.

We are pleased that many of you join the association because it is a comprehensive way to support Mizzou. It is clear you are concerned less about receiving membership benefits than about fostering the greater good of your school.

Records were made to be broken, and our all-time high membership mark record will soon be surpassed. To members, we say thank you. To future members, we ask you to join us on the way to 50,000 members.

Todd McCubbin

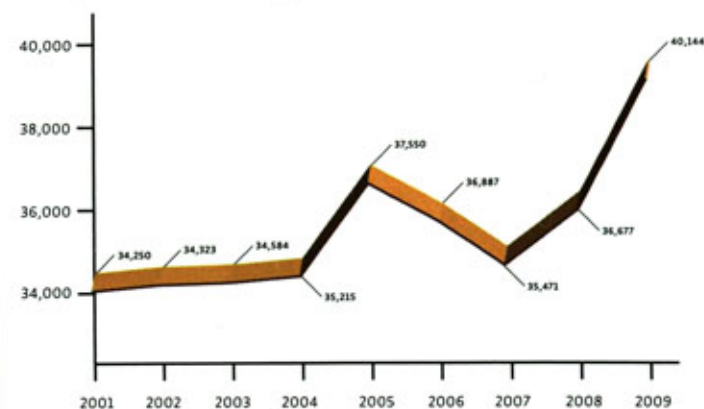
Todd McCubbin, M Ed '95, mccubbint@missouri.edu
executive director, Mizzou Alumni Association



MU Publications file photo

Record membership

In 2009, the association had 40,000 members for the first time.



Tailgate with the Tigers

Hit the road with the Tigers, and tailgate Mizzou style. The season kicks off Sept. 5 in St. Louis when the Tigers take on Illinois. The Mizzou Headquarters presented by Bud Light is free to all Tiger fans and features live entertainment, free Mizzou spirit items, a program with campus guests and more. Other Tiger Tailgates take place Sept. 25 in Reno, Nev.; Oct. 31 in Boulder, Colo.; and Nov. 28 in Kansas City, Mo.
More: mizzou.com

Belonging from the beginning

Give your newest Tiger the gift of membership in True Tigers, the student chapter of the Mizzou Alumni Association. The program offers activities and events exclusively for Mizzou students, including the Downtown Restaurant Prowl and Dinner with 12 Tigers. The \$25 annual membership includes a gift kit featuring an MU traditions T-shirt and commemorative glass.
More: truetiger.com

Tweeting Tigers

Wondering what's going on around campus and with your alumni association? Stay connected to the Mizzou Alumni Association wherever you are by following the association on Twitter (MizzouAlumni). We're also on Facebook, LinkedIn and MySpace.

Explore London this fall

Discover London during a seven-day insider's tour. Travelers will stay at

the Lansdowne Club, a historic, private club in Mayfair, the city's most exclusive neighborhood. Each day brings new adventures and insights gained by investigating the city and meeting people with a local perspective. Explore Windsor Castle, go behind the cameras at the BBC and learn about life inside the palace walls from a former bodyguard of Princess Diana. The tour runs Oct. 14-20.
More: mizzou.com, 800-372-6822.



Photo © iStockphoto.com

Tourin' Tigers take an insider's look at London Oct. 14-20. Check out Tower Bridge and more.

MIZZOU CONNECTION

SEPT. 5 Mizzou vs. Illinois in St. Louis, Mizzou HQ Presented by Bud Light		SEPT. 7 Labor Day		SEPT. 11 Tiger Ag Classic and Great MU Steak Fry, Columbia		SEPT. 17 MAA Governing Board Meeting, Leadership Mizzou, True Tiger Networking Dinner, Columbia	SEPT. 18 MAA Leaders' Day, Columbia		SEPT. 25 Tiger Tailgate at Reno, Nev.
	OCT. 2 Faculty Alumni Awards, Columbia		OCT. 8 Mizzou vs. Nebraska, Columbia					OCT. 9-10 Griffiths Leadership Society Fall Conference, Columbia	
OCT. 16 Tourin' Tigers San Francisco and California Wine Tour			OCT. 24 Homecoming, Mizzou vs. Texas, Columbia				OCT. 31 Tiger Tailgate at Boulder, Colo.		
		NOV. 7 Ag Alumni Board Meeting, Columbia			NOV. 28 Mizzou vs. Kansas, Arrowhead Stadium, Kansas City, Mo.				DEC. 4 Tourin' Tigers Quebec Holiday

More: mizzou.com or 1-800-372-6822

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Bet the farm on it

Perk Hoecker's grain fields don't look like your standard tilled fields. The difference is intentional. Hoecker practices no-till farming.

"I have not disturbed the soil surface for the last 14 years," says Hoecker, BS Ag '65, retired executive vice president of First National Bank (now Landmark Bank) in Columbia. "As a result, the structure of the soil has changed, and I'm now farming the top five or six feet of soil, instead of the top one foot."

In traditional farming practices, tilling removes weeds and loosens the soil to prepare the ground for planting. The process can lead to soil compaction, erosion and loss of organic matter. No-till farming, on the other hand, preserves the soil quality, slows erosion and improves water retention.

Here's how it works: In the fall, Hoecker plants Oregon annual ryegrass as a winter cover crop. Ryegrass has a large, fibrous root system — after three years, it can grow into the soil as deep as five to six feet — which breaks up compacted soil. In the spring, he kills the ryegrass with Roundup, leaving all plant matter above and below ground undisturbed to decompose. He then plants corn on half his acreage and soybeans on the other half. After he harvests those plants in the fall, he again plants the ryegrass cover crop on all his ground. The following spring, he'll plant soybeans in the corn stubble, and corn in the old soybean fields.

"Not disturbing the soil structure is what makes this work," Hoecker says. "I have lots of earthworms in my soil because of the organic matter from the



Perk Hoecker, BS Ag '65, a retired bank vice president, has practiced no-till farming for the past 14 years. Behind him, this year's soybean crop grows among last year's corn stubble.

decomposing roots. Also, the root structure leading from the soil surface to deep within the soil acts like a sponge, soaking up water when it rains. My runoff is only 5 percent to 10 percent of what the runoff would be in a tilled field or pasture. It's similar to the original prairies, which didn't have erosion ditches because the ground was so permeable."

Hoecker is quick to admit that the process, while perhaps more environmentally sound than traditional farming methods, is not organic. "I need to use Roundup to kill the ryegrass cover crop in the spring," he says. In addition to reducing soil erosion and improving soil water retention, "No-till farming increases soil organic matter while reducing greenhouse emissions. It improves the quality of the soil." — Sarah Garber

City, Mo., received the Outstanding Kansas Citian Award June 4, 2009. As senior counsel at Lathrop & Gage LLP, he has served as general counsel to numerous public and quasi-public bodies.

The Fifties

☆**Erma Ellis Hess**, BS Ed '54, and ☆**John Hess**, BS '57, of Leawood, Kan., celebrated their 50th wedding anniversary March 30, 2008, with a reception hosted by sons John and David and a trip to Italy.

☆☆**Thomas Fort**, BS ChE '58, of Newark, Del., received the Mid-Atlantic Association, USA Track and Field, Ronald C. Jackson Lifetime Achievement Award as a certified master-level track and field official. He ran track at MU from 1953–57 and was an assistant to Coach Tom Botts during the 1957 fall season.

☆**Gerald McDaniel**, BS Ed '58, and ☆**Alice McDaniel**, BS Ed '58, of St. Louis celebrated their 50th wedding anniversary June 29, 2008. Jerry retired from the Riverview Gardens School District in 1990 after 13 years as a teacher and 18 years as a counselor.

The Sixties

☆☆**Judith Hayes Hand**, BS Ed '61, of Birmingham, Ala., is chair and adviser to the Birmingham Museum of Art docent council. She retired in 2002 as dean for adult learners at Birmingham-Southern College.

☆☆**Larry Andrews**, BS Ed '63, M Ed '67, PhD '69, of Lincoln, Neb., retired from the University of Nebraska–Lincoln after 40 years as a professor of education and English.

☆☆**John Hagan III**, BA '65, of Kansas City, Mo., has been elected 2010 president of the Metropolitan Medical Society of Greater Kansas City.

☆☆**Hugh Van Seaton**, BS BA '65, of Jacksonville, Fla., is visiting assistant professor of accounting at Jacksonville University, and he serves on the audit committee of Community First Credit Union.

Troy Tippett, BA '66, of Pensacola, Fla., is president of the American Association of

The Forties

☆**Julia Baugher Dean**, BJ '48, and

☆**Cyrus Dean**, BS BA '50, of Tucson, Ariz.,

celebrated their 60th wedding anniversary Sept. 3, 2008.

☆☆**W.H. "Bert" Bates**, BA '49, of Kansas

Neurological Surgeons.

Bill Hopkins, BA '68, of Marble Hill, Mo., wrote *The Almond Checkmate*, a 10-minute play. First Run Theatre of St. Louis produced the play as part of SPECTRUM 2009: A Festival of Short Plays.

☆**Gary Taylor**, BJ '69, of Houston wrote *Luggage By Kroger: A True Crime Memoir* (iUniverse, 2008). It won the bronze medal for true crime from *ForeWord Magazine*, the silver medal in the Independent Publisher Awards and finished second in the true crime division of the National Indie Excellence Awards.

The Seventies

☆☆**Ted Ayres**, JD '72, of Wichita, Kan., is vice president and general counsel at Wichita State University and received the 2009 A. Price Woodard Humanitarian Award from Diversity Kansas Feb. 24, 2009.

Linda Mohr, BS HE '72, of North Palm Beach, Fla., wrote *Tatiana — Tales and Teachings of My Feline Friend* (iUniverse, 2009).

☆☆**Steve Parrish**, BA '72, JD '75, of Westport, Conn., is board vice chair for Safe Horizon, a network of domestic violence shelters in New York. Ivy House, one of eight shelters in New York, was renamed the Parrish House Dec. 30, 2008, in honor of Steve and his wife, Diane Parrish.

☆☆**Cathy Cartwright**, BSN '73, of Columbia is board president for the American Association of Neuroscience Nurses.

Charles Thomas, BJ '73, of Chicago is chief political reporter at ABC affiliate WLS-TV 7.

☆**C. Ronald Baird**, JD '74, of Springfield, Mo., practices in the areas of family law, corporate law, business litigation and transactional law at Baird, Lightner, Millsap and Harpool PC.

☆☆**Dan Prosser**, BS Ag '74, M Ed '81, of Chesterfield, Mo., is a certified financial planner at Prosser Financial Group LLC, which was named one of the leading wealth managers of the central United States in the May 25, 2009, issue of *Forbes*.

Robert Atcher, MA '76, of Los Alamos, N.M.,

A family tree of banking

Concerning matters of money, Catherine Allen doesn't beat around the bush.

"I'm a consumer advocate," says Allen of Santa Fe, N.M., chairman and CEO of The Santa Fe Group, the financial services consulting firm she founded in 1996. "I have a passion for encouraging banks to return to helping consumers and small businesses, instead of being so consumed with bonuses and stock prices."

Allen, BS HE '68, LHD '05, advocates that the sector return to the "basics of banking" through re-regulation. Her back-to-basics ideal just happens to be personal. Her father, Robert E. Allen, was president of Perry State Bank in Perry, Mo., from the late 1940s to 1968. "When I was 8 or 9 years old, I would ride into work with him and sit quietly in his meetings," she says. "Six generations of the Allens were in banking or mercantile. So I grew up in a family understanding how public policy and banking came together — it's in my genes."

Allen's experience in the financial services sector includes positions with companies such as Citicorp, Citibank, Dun and Bradstreet, and CBS Inc. In 1996, she founded BITS, a nonprofit consortium of 100 of the largest U.S. financial institutions, and established The Santa Fe Group. Allen retired as CEO of BITS in 2007.

"I really believe in banking," she says. "And I grew up thinking bankers were really good people who helped educate others."

To continue that legacy of education, Allen capitalized on an opportunity through MU's personal financial planning program in the College of Human

concluded his year as president of the Society of Nuclear Medicine June 15, 2009. He has a joint appointment as a professor of pharmacy at the University of New Mexico in



Catherine Allen, BS HE '68, LHD '05, led a personal finance symposium at MU in April 2009.

Environmental Sciences.

While serving as her college's delegate to the For All We Call Mizzou Campaign Steering Committee, she helped develop the Personal Finance Symposium, a forum where business people, representatives of financial institutions, and MU faculty and students discuss the financial sector's issues. The first symposium was held April 15, 2009, at MU's Reynolds Alumni Center and attracted more than 300 attendees.

"The banking sector and the public policy sector need responsible, ethical businesspeople," Allen says. "I consider myself an ethical businessperson. I got that because I grew up in Missouri and went to the University of Missouri."

— Sarah Garber

Albuquerque.

☆**Linda Godwin**, MS '76, PhD '80, of Houston spoke at the May 9, 2009, commencement ceremony for Hannibal-LaGrange College in

Hannibal, Mo. She joined NASA in 1980 and was a flight controller and payloads officer for several space shuttle missions.

Brian MacQuarrie, MA '76, of Boston wrote *The Ride: A Shocking Murder and a Bereaved Father's Journey from Rage to Redemption* (Da Capo Press, 2009).

Larry Gragg, PhD '78, of Rolla, Mo., wrote *The Quaker Community on Barbados: Challenging the Culture of the Planter Class* (University of Missouri Press, 2009).

David Gressly, BS '78, of Juba, Sudan, is United Nations deputy resident and humanitarian coordinator for Sudan, covering southern Sudan.

Susan Salzer, MA '79, of Columbia wrote "Cornflower Blue," a short story published in *Untamed Ink*, the literary journal of Lindenwood University in St. Charles, Mo. The story received the Spur Award from Western Writers of America for Best Western Short Fiction of 2008. Salzer is a former Mizzou

Weekly editor and MIZZOU magazine writer.

The Eighties

David H. Miller, BS CiE '81, of Branson, Mo., city engineer for Branson, was named a 2009 Top Ten Public Works Leader of the Year by the American Public Works Association.

Angela Bendorf Jamison, BS Ag '85, of Wake Forest, N.C., founder of the public relations firm Communicopia Marketing Services Inc., is one of 11 women profiled in *The Girls from Ames: A Story of Women and a Forty-Year Friendship* (Gotham Books, 2009) by Jeffrey Zaslow.

Jon Myers, BJ '85, MA '90, and Shelby Myers of Arlington, Texas, announce the birth of Katherine Ann March 4, 2009.

★**Marilyn Lake**, MPA '87, MA '94, PhD '03, of Hutchinson, Kan., wrote the children's book *Buddy and the Grandcats* (Compass Rose Publications, 2008). Her husband, **Denton Warn**, A&S '76, illustrated the book.

★**Shannon Shy**, JD '88, of Woodbridge, Va., wrote "It'll Be Okay." *How I Kept Obsessive Compulsive Disorder (OCD) from Ruining My Life* (AuthorHouse, 2009). He is a civilian attorney with the Department of the Navy Office of General Counsel in charge of the environmental and occupational safety and health law section at the Naval Sea Systems Command in Washington, D.C.

Kimberly Marsh Wall, BJ '88, of Blue Springs, Mo., covers dog-related news in the Kansas City area for Examiner.com.

★**Cheryl Jacobs**, BJ '89, and husband William Featheringill of Tampa, Fla., announce the birth of Emory June Featheringill Dec. 2, 2008.

The Nineties

Karen Sauder, BJ '90, of Wilmette, Ill., managing editor of Draftfcb Chicago, was named 2009 Advertising Woman of the Year by the Chicago Advertising Federation.

★**Eric Farris**, BA '91, JD '94, of Branson, Mo., chair of the Branson Board of Adjustment, is the managing member of the Farris Law Group LLC.

Jon Hagler, MA '91, of St. James, Mo., is director of the Missouri Department of Agriculture. **Wei Jia**, MS '91, PhD '96, of Concord, N.C., co-directs the Center for Research Excellence in Bioactive Food Components at the University of North Carolina at Greensboro's Center in Kannapolis.

Robin Moulin Radke, BHS '91, MBA '93, of St. Paul, Minn., a senior associate in the corporate finance and transactions practice of Oppenheimer Wolff & Donnelly LLP in Minneapolis, has been named a 2009 up-and-coming attorney by *Minnesota Lawyer*.

★**Mike Wilcox**, BS HES '92, of Glendale, Mo., is Glendale's Ward 2 alderman.

Chris Clayton, BJ '93, of Omaha, Neb., received the National Farmers Union's 2009 Milt Hakel Award for excellence in agriculture communications March 10, 2009, at the organization's 107th annual convention in Washington, D.C.

★**Chris Whitlock**, BS HES '93, of Flower Mound, Texas, is managing director of

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Completing the picture

"As of midnight, I'm officially over the hill," jokes Trent Kendall, playing his fictional alter ego. "But what do I have to show for the last 20 years except a really bad credit score and an apartment full of stuff."

Kendall, BA '90, wrote much of his experience as a traveling actor into his one-man show *Picture Incomplete*. The unnamed central character is one of seven personalities — including a know-it-all female neighbor, a gay fashion designer and a homeless man — played by the versatile and boisterous performer.

The story begins with the narrator returning to his crowded New York apartment after a night out on his 40th birthday. As he takes stock of his life, the audience is privy to his funny midlife crisis through song, dance and monologue.

"I call it a one-man musical," says Kendall. "My overriding theme is that everyone is so busy doing things that they don't have an appreciation for what

they're doing at the time."

Kendall has been plenty busy over the past two decades. After graduating from MU, he earned an apprenticeship at the Burt Reynolds Institute for Film and Theater in Jupiter, Fla., where he studied with Charles Nelson Reilly, José Quintero and Reynolds himself. Soon he was landing parts in the Big Apple and beyond.

His theater credits include *Hey, Mr. Producer!* in London; *Joseph and the Amazing Technicolor Dreamcoat*, which toured Canada; and a national tour of *The Wizard of Oz*. He is currently playing the preacher in *The Color Purple* in New York.

Kendall has performed *Picture Incomplete* at the Tampa Bay Performing Arts Center and has scheduled engagements at the Black Academy of Arts and Letters in Dallas and at the New York City Hilton.

"The theater department at Mizzou afforded me time on the stage, which is the most important thing for an actor,"



Trent Kendall, BA '90, wrote and performs the one-man musical comedy *Picture Incomplete*.

says Kendall. "I was encouraged to make an impression no matter what I was doing." — Marcus Wilkins

More: pictureincomplete.com

SAMCO Capital Markets Inc. in Austin, Texas, a broker-dealer specializing in serving financial institutions.

☆☆**Steve Gardberg**, BJ '94, of Morristown, N.J., is senior account director at ARGI in Montvale, N.J.

☆**Lars Hagen**, BA, BA '94, and Aisha Nawaz Hagen of Austin, Texas, announce the birth of Gabriel Lee Nawaz Feb. 21, 2009.

Jason Lamb, BA '96, of Mexico, Mo., is executive director of the Missouri Office of Prosecution Services in Jefferson City, Mo., an autonomous entity within the Missouri Attorney General's office.

Gregory Neibarger, BS '96, of Fishers, Ind., practices in the litigation department at Bingham McHale LLP in Indianapolis.

Lawrence Potter, MA '96, PhD '99, of Minneapolis, executive director and chief diversity officer at the University of St. Thomas in St. Paul, Minn., was selected for the American Council on Education

Fellows Program. It identifies and prepares emerging leaders for advancement in university administration.

☆**Jason Waters**, BA '96, of Ashburn, Va., is a partner at Wilson Elser Moskowitz Edelman & Dicker LLP in McLean, Va.

☆☆**Kim Archer**, BS HES '97, M Ed '99, of Nacogdoches, Texas, is assistant professor of health sciences at Stephen F. Austin State University.

☆**Jonathan Wasserkrug**, BA '97, and **Heather James Wasserkrug**, BSN '98, of Lee's Summit, Mo., announce the birth of Alex James Fisk Feb. 10, 2009.

☆**Kyle Baker**, BA '98, and ☆**Casey Baker**, director of external relations at the MU School of Law, of Ashland, Mo., announce the birth of Mason Kyle March 31, 2009.

☆☆**Megan Belcher**, BA '98, and Marc Bartel of Omaha, Neb., announce the birth of Mia Grey Belcher-Bartel Jan. 21, 2009.

Keith Thurlo, BS Acc '98, and Betsey Thurlo

of Jonesboro, Ark., announce the birth of Olivia Rose Nov. 7, 2008. Keith is controller at Post Foods LLC.

Trisha Brennan, BS Ed '99, of Colorado Springs, Colo., received the \$25,000 Milken Family Foundation Educator Award for her outstanding teaching at Discovery Canyon Campus.

Randy Canis, JD '99, of Chesterfield, Mo., practices in the areas of patents, trademarks, copyrights and intellectual business assets at Polsinelli Shughart PC in St. Louis.

☆**Curtis Hartman**, BS '99, MD '03, and ☆**Stephanie Yates Hartman**, BS '99, MS '01, of Omaha, Neb., announce the birth of Emmett Wayne March 25, 2009.

☆**Kurt Hunzeker**, BJ '99, and Trina Hunzeker of Schaumburg, Ill., announce the birth of Jack Allen March 10, 2009.

The 2000s

Erika Yeagy Biddix, BJ '00, and Patrick Biddix of Valdosta, Ga., announce the birth of James

Must love hiking

In the 2,650 miles that make up the Pacific Crest Trail (PCT), hazards include rattlesnakes, blisters, dehydration, steep slopes and hypothermia. For Lesli Brown, BS '03, add to the list falling — for her hiking companion.

Brown met Eric Hawkins in 2006 on the job at Evergreen Lodge in Stanislaus National Forest, near Yosemite National Park, where they both work as outdoor recreation managers. He had recently hiked the Appalachian Trail, and after viewing photos from a friend's trip across the PCT — it extends from Mexico to Canada — Brown and Hawkins looked at one another.

"We just said, 'Well, that's our next adventure,'" Brown says.

The two began as friends at the trailhead in Campo, Calif., near the U.S.–Mexico border. Over the course of four and a half months and by the time they finished at Manning Park, British Columbia, their relationship had blossomed. They married May 2. Brown's book, *Light Hearts and Heavy Packs* (Ladybug Publishing, 2009), recounts the journey.

But the trip wasn't just roses and romance. More than 300 hikers a year start the trail, but only about half finish.



From May 1 to Sept. 23, 2007, the two endured the sweltering California desert, the rugged Sierra Mountains and the rains of the Northwest.

"One time we were off trail for 26 hours with only a compass and a really bad map," Brown says. "We saw several bears."

At another point, the couple ran out of food. Burning 6,000 calories a day and ingesting only 1,000, they were forced to hitch a ride into town for supplies.

Despite the hardships, the trek was

An outdoor recreation manager at Evergreen Lodge in Stanislaus National Forest, Lesli Brown, BS '03, walked the Pacific Crest Trail in 2007 and fell in love with her hiking partner along the way.

positively life altering.

"When you're on top of the mountains, looking ahead of you and looking behind you, I remember thinking, 'Why settle? There's so much out there,'" Brown says. "I don't think a day goes by that I don't remember something from the trip."

— Marcus Wilkins

Jackson June 2, 2008.

Bonita Gordon, MS '00, of Cincinnati is a board member for the American Association of Neuroscience Nurses.

☆☆**Lisa Malacarne Kretz**, BS Acc, M Acc '00, and Jacob Kretz of Maple Grove, Minn., announce the birth of Austin Jacob Feb. 4, 2009.

Erin Lary, BS BA '00, of Springfield, Mo., practices in the areas of civil rights and insurance defense litigation, employment and business litigation, and state and federal appeals at Baird, Lightner, Millsap and Harpool PC.

Holly Maranzana Meyer, BS '00, and Rob

Meyer of St. Louis announce the birth of Ava Quinn May 20, 2009.

Marcia Chatelain, BA, BJ '01, of Oklahoma City earned her master's degree in 2003 and her doctorate in 2008 from Brown University, and she is now an assistant professor in the Honors College at the University of Oklahoma.

Chris Schuster, BS '01, MS '03, and ☆**Debbie Wassmann Schuster**, BS '04, of Pamel, Iowa, announce the birth of Caden George Jan. 27, 2009.

Laura Sides, BA '01, JD '04, of Brentwood, Mo., practices workers' compensation law at McAnany, Van Cleave & Phillips in St. Louis.

Timothy McCormick, BJ '02, of Chicago is editorial manager for *Playboy*.

Matthew Pelikan, BS BA '02, of Town and Country, Mo., practices in the areas of toxic torts, labor and employment, workers' compensation, products and premises liability, and general commercial issues at Williams, Venker & Sanders LLC in St. Louis.

☆☆**Chris Stewart**, BJ '02, of Denver is a senior communicator at the National Renewable Energy Lab in Golden, Colo.

Allyson Fitzgerald Sebolt, BSW '03, and **Josh Sebolt**, BS CIE '04, of Raymore, Mo., announce the birth of Silas Todd Dec. 4, 2008.



Adam Crutchfield, BS HES '04, of Columbia is a commercial underwriter at Shelter Insurance.

★**Sara Bondioli**, BA, BJ '05, of Silver Spring, Md., is copy editor of the newspaper *Roll Call* in Washington, D.C.

Lauren Lobenhofer, BA '06, of Ada, Ohio, earned a master of divinity degree from Candler School of Theology at Emory University in Atlanta May 11, 2009. She is a member of First United Methodist Church.

★**Angela Beaver Wildermuth**, BA '06, and Nathaniel Wildermuth of Washington, D.C., announce the birth of John-Paul Pax Jan. 26, 2009.

★**Jessica Schmidt**, BA '07, of Ballwin, Mo., is a receptionist at the Hempstead Financial Group, part of the Northwestern Mutual Financial Network, in Clayton, Mo.

Friends Notes

☆☆**Carolyn Mueller**, wife of ☆☆**Gary Mueller**, BA '68, MD '72, of Brentwood, Tenn., received the Silver Beaver Award, a Boy Scouts of America national honor for distinguished service to youth.

Faculty Deaths

Albert Sherwood Baker, MS '68, professor emeritus of family and community medicine, of Mount Morris, Ill., May 8, 2009, at age 92. After completing a 12-month rotation in 1942 at Cook County Hospital in Chicago, he served as a captain in the U.S. Army Air Forces from 1943–46 at Jefferson Barracks (Mo.) and Scott Field (Ill.). After World War II, he was a general practitioner from 1946–63 in Mount Morris and a member of the medical staff at Rockford (Ill.) Memorial Hospital. He initiated the campaign to establish a family medicine residency program in Columbia in 1969 and served as MU's first family medicine residency director from 1970–74. From 1972–75, he served as chair of the Department of Community Health and Medical Practice. He was a charter member of the Society of Teachers of Family Medicine and one of the early Residency Assistance Program consultants. He retired in 1982.

Donald Brooker, BS AgE '47, MS '49, BS ME '54, professor emeritus of agricultural engineering, of Columbia April 11, 2009, at age 92. He milked cows and taught violin to pay for tuition at Iberia (Mo.) Junior College, from which he graduated in 1936. He worked for the Works Progress Administration and for the Agricultural Stabilization and Conservation Service. Brooker served in the U.S. Army Air Forces as a pilot instructor from 1942–45. After World War II, he taught at Stephens College in Columbia; Purdue University in West Lafayette, Ind.; Universidad Nacional Agraria La Molina in Lima, Peru; and Northern Michigan University in Marquette, Mich. Brooker researched grain drying and storage at MU. He received several teaching honors, including the Amoco Foundation Undergraduate Teaching Award, the Halliburton Faculty Excellence Award and the Gamma Sigma Delta Award of Merit.

Albert Hagan, BS Ag '35, MA '50, professor emeritus of agricultural economics, of Columbia June 25, 2009, at age 99. After receiving his doctorate from Michigan State University, he taught agricultural economics at MU for 40 years. Hagan was an agriculture adviser to many countries for the U.S. Department of Agriculture, the United Nations Food and Agricultural Organization, and MU. Memorial contributions may be made to the Albert R. Hagan Scholarship Fund, 2-4 Agriculture Building, Columbia, MO 65211.

James Huckaba, professor of mathematics, of Columbia March 10, 2009, at age 73. He began teaching junior high math in Racine, Wis., in 1960 before earning his master's and doctorate at the University of Iowa. A member of the American Mathematical Society, he began his career at MU in 1967 as a researcher and math instructor, mentored six doctoral students, and retired in 2000.

Charles Mengel, former chair of medicine at MU, of Overland Park, Kan., Oct. 11, 2008, at age 77. After completing medical training at Johns Hopkins Hospital, Duke University Medical Center and the National Cancer

Institute, he held successive faculty appointments in the medical schools at Duke University, the Ohio State University and the University of Kansas. While at MU from December 1968 to July 1982, he received the Student American Medical Association Outstanding Clinical Teacher Award and the Alpha Omega Alpha Distinguished Teacher Award. In 1997, he received the Mark Wolcott Award for Clinical Excellence, a national award given yearly by the Veterans Health Administration.

Barbara Townsend, professor of higher education, of Columbia June 11, 2009, at age 65. After receiving a doctorate in higher education at the College of William and Mary in Williamsburg, Va., in 1984, she became a visiting assistant professor in higher education leadership at the State University of New York at Buffalo from 1984–86. She then worked at Loyola University in Chicago for several years, where she became associate dean and was promoted to associate professor. From 1993–98, she was a professor at the University of Memphis (Tenn.), where she served as department chair and then associate dean. In 1999, she joined the Department of Educational Leadership and Policy Analysis as a full professor at MU, where she also served as the director for the Center for Community College Research.

Deaths

Esmeralda Treen, BJ '34, of Pasadena, Calif., March 28, 2009, at age 96. A prominent dog judge, show official and writer, she judged dogs in all 50 states and in 12 countries. She began breeding Dalmatians in 1950 and launched the Waukesha (Wis.) Kennel Club in 1960. She helped found the Bichon Frise Club of America and served on its board, and she received the 2007 American Kennel Club's Outstanding Sportsmanship Award for 50 years as a judge.

Harry Trice, BS BA '34, of Columbia April 12, 2009, at age 97.

Anna Riepma Gray, A&S '37, of New York

Jan. 16, 2009, at age 90. She was a reporter for the *Kansas City Star*, an editor at *Town & Country* and *Glamour* magazines, and, after moving to Richmond, Va., managing editor of the state medical journal, *Virginia Medical*.
John Alder, BS Ag '39, of Stockton, Mo., March 24, 2009, at age 93. A first lieutenant in the Army Air Corps, he was a navigator during World War II. After his discharge, he taught agriculture to returning soldiers and farmed and raised cattle until retiring in 1983.
Lt. Col. Kenneth Rowe, BA '39, MA '47, of Riverside, Calif., Feb. 22, 2009, at age 92. A U.S. Army Air Corps veteran of World War II and U.S. Air Force veteran of the Korean War, he retired in 1967 at March Air Force Base. Prior to service, he was a park naturalist and the Missouri state taxidermist, and from 1968–81 he was an agricultural inspector for San Bernardino County, Calif.
Robert Swatek, BA '39, of Sacramento, Calif., Aug. 24, 2008, at age 94.
Edith Thomann, BA '39, of Webster Groves,

Mo., May 29, 2009, at age 93.
Felice Thompson, BA '39, of Kansas City, Mo., April 3, 2009, at age 90. She was a Gamma Phi Beta member.
Ed Montgomery, BJ '40, of Norman, Okla., March 4, 2009, at age 91. A veteran of the U.S. Army Air Forces during World War II, he wrote for newspapers his entire life, beginning in Missouri with the *Shelby County Herald* and retiring in Oklahoma from both *The Norman Transcript* and *The Daily Oklahoman*, for which he served as chief of the capitol bureau for many years.
Clifford Cornelius, M Ed '41, of Independence, Mo., May 29, 2009, at age 90. He was a basketball coach at Paseo High School in the 1950s and '60s, and he was later athletic director at Southeast High School, both in Kansas City.
Gayton Germane, BA '41, of Los Altos Hills, Calif., Jan. 7, 2009, at age 88. Professor emeritus at the Stanford Graduate School of Business, he founded the Transportation Management Program for Executives. He earned a master's degree in business administration with distinction and a doctorate in economics from Harvard Business School, and he wrote five books, most on the topic of transportation. He was director of transportation planning and research for United States Steel Corp. for three years and director of transportation policy for the U.S. Department of Defense.

Virginia Montgomery Saxton, BS Ed '41, of Springfield, Mo., May 12, 2009, at age 93. She taught at several rural schools before moving to St. Louis and teaching fourth grade in the Normandy School District.
Ovid Bay, BS Ag '42, MA '52, of Fort Collins, Colo., March 5, 2009, at age 91. He was a member and former national president of Alpha Gamma Rho, and a Blue Key and Mystical 7 member. He served in the U.S. Army during World War II in the 88th Division, also known as the Blue Devils, and received the Bronze Star. He was head of MU's Agricultural Editor's Office from 1948–52 and associate editor of *Farm Journal* magazine from 1953–70. He was

inducted into the Alpha Gamma Rho Hall of Fame in 1991 and edited the fraternity's magazine, *Sickle and Sheaf*, for 17 years. He was director of communications for the Extension Service at the U.S. Department of Agriculture from 1971–88 and received the USDA Superior Service Award and ACE Award for the Agricultural Communicators in Education. His wife, **Elizabeth "Betty" Hamilton Bay**, BS HE '40, MA '46, died Nov. 7, 2003.

Doris Lovegreen, Educ '42, of St. Louis April 19, 2009, at age 88.
Melvin Kenley, BS Ag '43, of Tucson, Ariz., May 4, 2009, at age 87. A U.S. Army World War II veteran, he was the former president of Curtiss Breeding Service in Cary, Ill., and he owned an Ace Hardware store in Wauconda, Ill.

Sue Popper, BA '44, of Columbia May 21, 2009, at age 86. She was a board member of the Community Garden Coalition, and a member of the Heart of Missouri Master Gardeners and Columbia Garden Club.
James Gerdemann, BA '45, MA '46, of Yachats, Ore., Dec. 19, 2008, at age 87. A lifelong lover of plants, he paid for college partially by working at the Dunn-Palmer Herbarium. He later worked for the Bureau of Land Management and the Forest Service in Oregon and then at the University of Illinois at Urbana-Champaign until retiring in 1981.
Maurine Epperly Cupps, BS Ed '46, of Shell Knob, Mo., April 17, 2009, at age 84. She and husband John owned and operated Epperly and Cupps General Merchandise and a live-stock farm.

Berry Bird, A&S '47, of Leawood, Kan., May 5, 2009, at age 83.

Merilyn Bliss Rodecker, BS Ed '47, of Oceanside, Calif., Jan. 23, 2008, at age 82. She taught at Webster Groves (Mo.) High School and supervised student teachers in physical education starting in 1949 at MU's University Laboratory School.

Carvel Cole, BS PA '48, of Eugene, Ore., Oct. 13, 2008, at age 85. He served in the Naval Air Corps during World War II and



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worked for AT&T and Southwestern Bell for more than 30 years before retiring.

William Eaton, BS ME '48, of Kansas City, Mo., April 22, 2009, at age 82. A U.S. Navy veteran of World War II, he retired from Southwestern Bell Telephone Co. in 1986.

Elvis Mooney, JD '48, of Bloomfield, Mo., March 16, 2009, at age 97. A U.S. Navy veteran of World War II, he was a teacher, principal and superintendent of the Bloomfield School District.

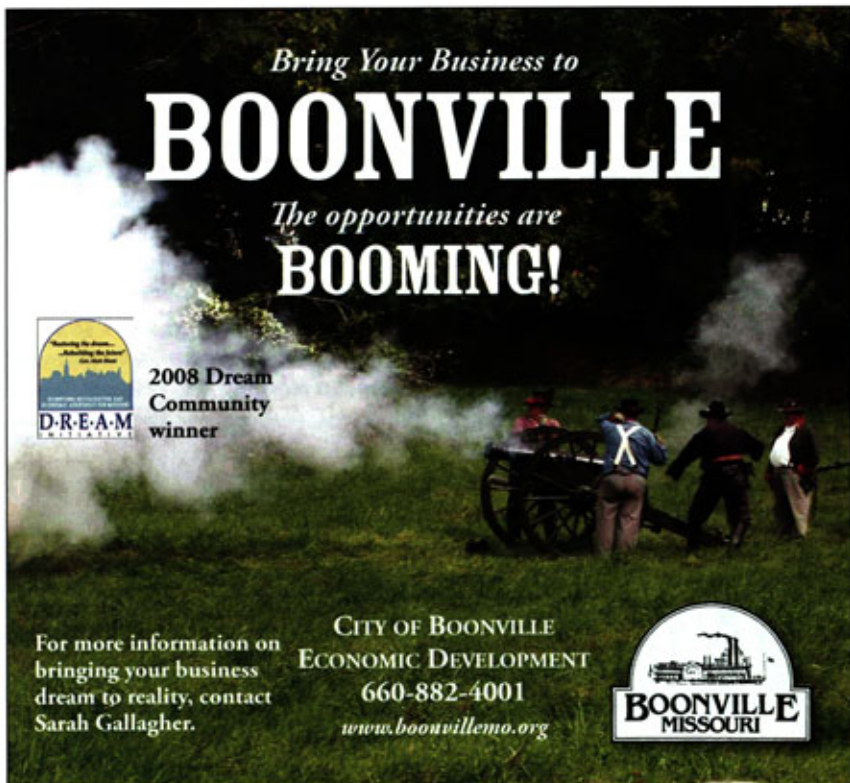
Charles Bade, BS BA '49, of Owensville, Mo., April 16, 2009, at age 81. He served in the U.S. Navy during World War II and owned and operated Bade Appliance and Bade Oil with his late brother, Don. He served on the Gasconade County R-2 School District Board of Education.

Saurine Brown, A&S '49, of Mission Hills, Kan., March 6, 2009, at age 80. An Alpha Epsilon Phi member, she served as honorary chair of the Kansas City Ballet Ball, was

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We also help alumni stay connected through events like networking luncheons or local chapter events throughout the country, a full list of networking options is displayed below.

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a member of the Kansas City Ballet Guild and was president and board member of the Menorah Medical Center.

Raymond Renner, BS ME '49, of Sudbury, Mass., May 15, 2009, at age 89. A U.S. Army veteran of World War II, he was past master of St. Johns Lodge in Boston and a retired engineer with Polaroid.

James King, BS BA '50, of Jefferson City, Mo., April 25, 2009, at age 82. A U.S. Army veteran of World War II, he was head of accounting and later general manager at Farm Bureau Life Insurance Company of Missouri, from which he retired in 1990.

John Morrissey, BJ '50, of Montezuma, Iowa, April 19, 2009, at age 83. A U.S. Navy veteran of World War II and a Phi Kappa Psi member, he was the retired publisher of *The Montezuma Republican* weekly newspaper. In 1978, he received the Master Editor-Publisher Award from the Iowa Newspaper Association.

Virginia Schaefer, BS Ed '50, BS BA '52, of Sacramento, Calif., March 11, 2009, at age 82.

George Stevens, BS BA '50, of East St. Louis, Ill., May 29, 2009, at age 80. He was a U.S. Army veteran of the Korean War.

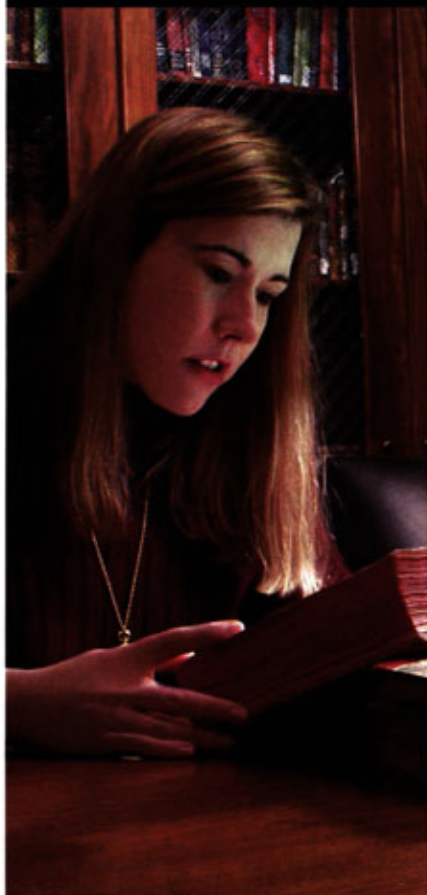
James Swetnam, BJ '50, of Overland Park, Kan., April 18, 2009, at age 83. He served in

the U.S. Navy. A photographer, he partnered in Swetnam & Grier Photography and later founded Swetnam & Associates Photography.

Norman Williams, BS Ag '50, of Columbia April 17, 2009, at age 83. A U.S. Army veteran of World War II, he worked as a field representative for Olin Chemical Corp. for 17 years and then as manager of the Pilot Grove Service Co-op Elevator until his retirement in 1990.

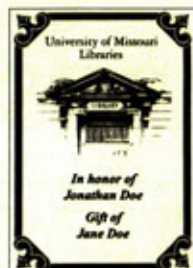
Charles Worley, BS Med '50, of Gladstone, Mo., May 27, 2009, at age 85. A World War II veteran, he received his medical degree from Case Western Reserve University in Cleveland in 1952. He and Dr. Paul A. Roberts, BS Med '50,

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began a medical practice in 1953 in Sweet Springs, Mo. For many years, Worley was chief of staff at Sweet Springs Community Hospital, which he helped establish in 1960. From 1989–2006, he practiced at Gunn Clinic and Westlake Medical Center at the Lake of the Ozarks. Worley served on MU's Medical Alumni Association Board of Governors from 1969–76; as a preceptor for MU's Community Health and Medical Practice beginning in 1955; and in leadership roles for the Missouri and American Academies of Family Physicians. Memorial contributions may be made to the Future of Family Medicine Endowment Fund at the MU School of Medicine Development Office, One Hospital Drive, DC205.00, Columbia, MO 65212.

James Cline, BS Ag '51, of St. Joseph, Mo., May 4, 2009, at age 91. A U.S. Army World War II and Korean War veteran, he was the manager of Consumer Oil Co. He was past president of the Missouri Bankers' Association, Citizens State Bank of Maryville (Mo.) and the Maryville Chamber of Commerce, from which he received the Man of the Year award in 1966.

W.W. "Bud" Thomas, BS Ag '51, MS '68, of Springfield, Mo., March 22, 2008, at age 83. A U.S. Navy World War II veteran, he was a specialist for University of Missouri Extension and retired in 1981 after a 30-year career.

Victor Durrington, BS Ed '52, M Ed '53, of Abilene, Texas, March 5, 2009, at age 77. He served in the U.S. Air Force and worked 30 years as an aeronautical engineer for Boeing Co.

Freeda Gilbert, M Ed '52, of Springfield, Mo., April 19, 2009, at age 98. She began her teaching career in 1928 at Lee School, a one-room schoolhouse in Barry County (Mo.). From 1930–36 she taught at Bonnieview and Ozark schools, and from 1936–51 she taught at McGregor Elementary School. In 1951, she began teaching at Sunshine Elementary School. She retired from the Springfield School District in 1976.

Robert Sparks, BS '52, of Cleveland Heights, Mo., March 21, 2009, at age 78. He served in the Army Chemical Center in

Edgewood, Md., during the Korean War. He worked for Exxon (now Exxon Mobil Corp.) for three years before joining the faculty at Case Western Reserve University in Cleveland, and in 1972 he became director of the Biological Transport Laboratory at Washington University in St. Louis. In 1994 he founded Particle and Coating Technologies Inc., a research and development company.



Arthur Witt, PhD '52, of Columbia March 26, 2009, at age 88. An Army Air Corps veteran of World War II, he later took a yearlong sabbatical to work for the Food and Agricultural Organization of the United Nations in Thailand.

Alvin Arst, BS PA '53, of Woodland Hills, Calif., March 29, 2009, at age 77. He served in the U.S. Air Force and owned Moorpark Pharmacy in the Los Angeles area.

Francis Anderson, BS BA '54, of Sun City



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Center, Fla., Oct. 14, 2008, at age 77. A member of Sigma Nu, he served in the U.S. Air Force for 22 years, including a tour in Vietnam. He received the Bronze Star among other decorations.

George Crawford, BS ME '54, of Columbia May 13, 2009, at age 77. A Lambda Chi Alpha member, he served in the U.S. Air Force during the Korean War. In 1957, he founded Crawford Construction Inc.

Julie Schaffer Hinkle, BS Ed '55, of Roswell, N.M., Feb. 13, 2009, at age 76. A Pi Beta Phi member, she founded Poco Pots, a miniature pottery company, in 1977.

Jack Overton, BS BA '56, of Columbia April 4, 2009, at age 73. He served in the U.S. Air Force. As a land developer and building contractor, he built Columbia's Chapel Hill Estates, University Park and Mill Creek Manor. He was honored as one of

the top 10 longest Mizzou basketball and football season-ticket holders.

John Day, BA '57, MD '61, of Fayetteville, Ark., April 30, 2009, at age 76. A Phi Chi member and president, he served in the U.S. Army from 1953–55 and completed his residency at Sacramento (Calif.) County Hospital in 1964. He held a private practice in Bowling Green, Mo., from 1964–68 and was an assistant clinical professor at MU from 1968–71 and at the University of Arkansas at Fayetteville from 1971–81. One of the first members of the American Academy of Family Physicians, he was a physician for the Veterans Administration Medical Center from 1981–95, when he retired. He received the Adlai Stephenson Award from the ACLU.

Ralph Walker, BS '57, of Las Vegas April 27, 2009, at age 77. Walker was the mayor of Sedalia, Mo., from 1966–70. He operated Walker Publishing Co.

Clifford Whipple, BA '57, of Springfield, Mo., June 2, 2009, at age 77. A past president of the Missouri Psychological Association, he taught at Missouri State University (formerly Southwest Missouri State University) for 23 years and then at Forest Institute of Professional Psychology. He maintained a private practice in clinical psychology, served as a volunteer disaster mental health professional for the American Red Cross and served six years as a member of the State Committee of Psychologists.

Merlin Wienberg Brinson, BA '58, of Harrisburg, Mo., March 12, 2009, at age 81. She served in the U.S. Navy in the 1940s. She was an insurance agent and insurance counselor for 29 years, and she was a radio operator for Delta Airlines.

James Garrett, BS BA '58, of Brandon, Miss., March 21, 2009, at age 77. A U.S. Army veteran of the Korean War, his career began in 1958 with the accountancy firm Peat, Marwick, Mitchell and Co. In 1960, he entered the motel business and owned the Best Western Motel in Forest, Miss., for 26 years before retiring in 2006.

James Green, BS BA '60, of Naples, Fla., April 9, 2009, at age 71. A Sigma Chi member,

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he took over the L.E. Fox Co. after graduation. In 1961 he purchased the Equipment Co., an automotive warehouse. Carquest bought the company in 1996.

Janette Hoagland, BS Ed '61, M Ed '64, of Columbia March 16, 2009, at age 89. A Phi Theta Kappa and Pi Lambda Theta member, she taught at public schools in Sturgeon, Mo., and Columbia. She also taught at Woodhaven Learning Center.

William Brackman, BS Ed '62, M Ed '63, of Escondido, Calif., Feb. 22, 2009, at age 68. A member of Phi Beta Mu and Phi Mu Alpha, he began teaching in 1963 at Horton Watkins High School in St. Louis and taught in the Ladue School District for 30 years. He was a lifetime member of the Music Educators National Conference.

John Brockschmidt, BS BA '62, of Springfield, Mo., March 29, 2009, at age 69. He served in the U.S. Army. He was a programmer for McDonnell Douglas Automation and a branch manager of its Century City, Calif.,

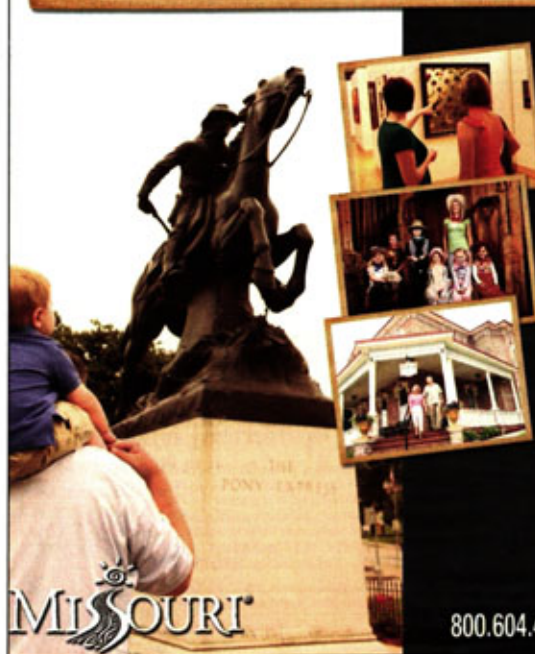
office. Later, he was vice president of Union Bank business development.

Joseph Greene, JD '62, of Springfield, Mo., May 8, 2009, at age 73. He served in the U.S. Navy, founded two national banks — Battlefield National Bank (now Bank of America) and Christian County National Bank (now Regions) — and served on the boards for Bass Pro Shops, O'Reilly Auto Parts and Ozarks Coca-Cola/Dr Pepper Bottling Co.

George McCright, BS EE '64, MS '66, of Raytown, Mo., April 18, 2009, at age 68. He served in the Missouri Army National Guard. He worked for Black and Veatch in Kansas City, Mo., for 25 years and was later owner of McCright Engineering.

Terry Nunley, BS BA '64, MA '70, of Wilmington, N.C., March 27, 2009, at age 66. He served in the U.S. Coast Guard before working in the accounting firms of Coopers and Lybrand, and Haskins and Sells. He taught accounting at the University of

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James “Toby” Wright, BS Ag '64, of Branson West, Mo., Feb. 4, 2009, at age 69. He worked for the Missouri Department of Agriculture and the Missouri Farm Bureau.

Thomas Hudspeth, BS Ed '65, of Columbia April 20, 2009, at age 68. A member of the University Singers while at MU, he taught speech and English in Steelville, Mo., and he was a speech therapist in several rural Missouri schools. He then taught English and drama in Austin, Texas, for 17 years.

Lawrence Berglund, MBA '66, of Kansas City, Mo., April 19, 2009, at age 93. He served in the U.S. Navy in the South Pacific during World War II.

Gayle Sims, BJ '71, MA '73, of Merion Station, Penn., April 16, 2009, at age 61. Originally a news desk assistant at the *Philadelphia Inquirer*, she moved on to be a page designer, graphics coordinator, video editor and features writer before being assigned to obituaries in 2003.

Myrtle Neef Rapp, BSN '73, of Columbia May 1, 2009, at age 71. An operating room supervisor at Ellis Fischel Cancer Center for 18 years, she worked as an office nurse for five years and at the Missouri Department of Health for four years. Rapp was a member of the Margaret Hart Circle of King's Daughters and the Missouri Nurses Association. She served from 1990–2006 on the Boone County

Fire Protection District Board and Missouri Task Force 1.

David Pozniak, BS Ag '74, of Green Bay, Wis., May 31, 2009, at age 57. A former president and chief executive of Schreiber Foods, he began as a production supervisor in Carthage, Mo., and worked his way through the managerial ranks for 35 years.

Raymond Halbert, BGS '75, of Frostproof, Fla., April 7, 2009, at age 94. He was the director of physical plant and construction at MU from 1946 until he retired in 1981.

Kathleen Mulligan, MA '75, of Bartlesville, Okla., April 22, 2009, at age 60. She was a reference librarian at the Bartlesville Public Library.

David Seifert, BA '75, of Memphis, Tenn., March 11, 2009, at age 58. A master carpenter, he established Iron Wood Cabinets.

Hank Koch, BGS '77, of Columbia Dec. 3, 2008, at age 80. A U.S. Army veteran of the Korean War, he worked as a miner and surveyor and studied at the Colorado School of Mines. A photographer and resident artist at Stephens College, Koch was an operator at the Columbia water plant, from which he retired in 1993.

Delbert Wood, BS BA '78, of St. Joseph, Mo., May 1, 2009, at age 54. He was president and CEO of Donald W. Wood & Associates Inc.

Elaine Parisi, MS '80, of Seattle March 28, 2009, at age 70. She served as a missionary in the Bahamas and taught home economics.

David Bueker, BS BA '81, of Manhattan, Kan., April 14, 2009, at age 50. He was a senior manager for Drivers Services of Kansas.

Deborah Digges, MA '81, of Amherst, Mass., April 10, 2009, at age 59. The author of four poetry collections, Digges has published poems in *The New Yorker*. She taught English at Tufts University in Medford, Mass., starting in 1986, and she received the Kingsley Tufts Poetry Award in 1996 for “Rough Music.”

Paulette LeClaire Smith, BA '81, of Anderson, Ind., Dec. 2, 2008, at age 49.

David Sanders, BS EE '86, of Seal Beach, Calif., April 9, 2009, at age 46.

Michael Hirschman, BA '88, of Jefferson City, Mo., April 9, 2009, at age 56. He was an auditor for the Missouri Department of Revenue and a reader for the Missouri House of Representatives. He was a tutor for the South Callaway School District and most recently worked at Inman E. Page Library at Lincoln University.

Barbara Prowant, MS '88, of Sturgeon, Mo., March 7, 2009, at age 55. She served in the American Nephrology Nurses Association, the National Kidney Foundation, the Nephrology Nurses Certification Commission, and on the editorial boards of many national and international nephrology journals.

Shaun Gallagher, BS '93, of Moscow Mills, Mo., May 2, 2009, at age 42. He was an information systems specialist for SureWest

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Friend Deaths

David Hart of Asheville, N.C., May 14, 2009, at age 83. Athletic director at Mizzou from 1978-86, he was most recently an athletic adviser and consultant for the University of North Carolina at Asheville. During his career, he was head football coach at the University of Pittsburgh, athletic director at the University of Louisville and the commissioner of the Southern Conference. He played football at the University of Notre Dame and at the University of Georgia, and he was a scout for the Dallas Cowboys.

Weddings

Randall Clark, BS BA '75, and **Thomas Maddox** of La Jolla, Calif., Aug. 22, 2008.

★**Laura Bondy**, BS '04, and **Abraham Owen** of Carrollton, Mo., Oct. 18, 2008.

★**Jaret Gordon**, BS BA '04, and ★**Jasmine Cipporah Yaghoubian**, BS '04, of Columbia March 7, 2009.

★**Sean Cook**, BA '07, and ★**Kate Renick**, BJ '07, MA '08, of Davenport, Iowa, March 10, 2009.

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Mizzou's global perspective



Craig Hutton helped villagers in the Andes Mountains establish small-scale gardens and dairy operations as a Peace Corps volunteer in Ecuador. Now, as a geography graduate student and Peace Corps fellow at Mizzou, he shares his international perspective by teaching classes and leading programs.

AS A PEACE CORPS VOLUNTEER in Ecuador from 1999 to 2001, Craig Hutton worked with residents of a tiny village on the eastern edge of the Andes Mountains to establish small organic gardens and dairy operations. During that assignment he discovered that the challenges those villagers face transcend national boundaries. "There are some universal concerns: keeping your family healthy and putting food on the table," says Hutton, who is working on a master's degree in geography at MU.

As he counseled the villagers about farm management and record keeping, they all learned important lessons about working together and with community organizations, and when to reach out for help. "It's important to be flexible," Hutton says. "You have to learn when to say yes, when to say no and when to let things bubble along on their own."

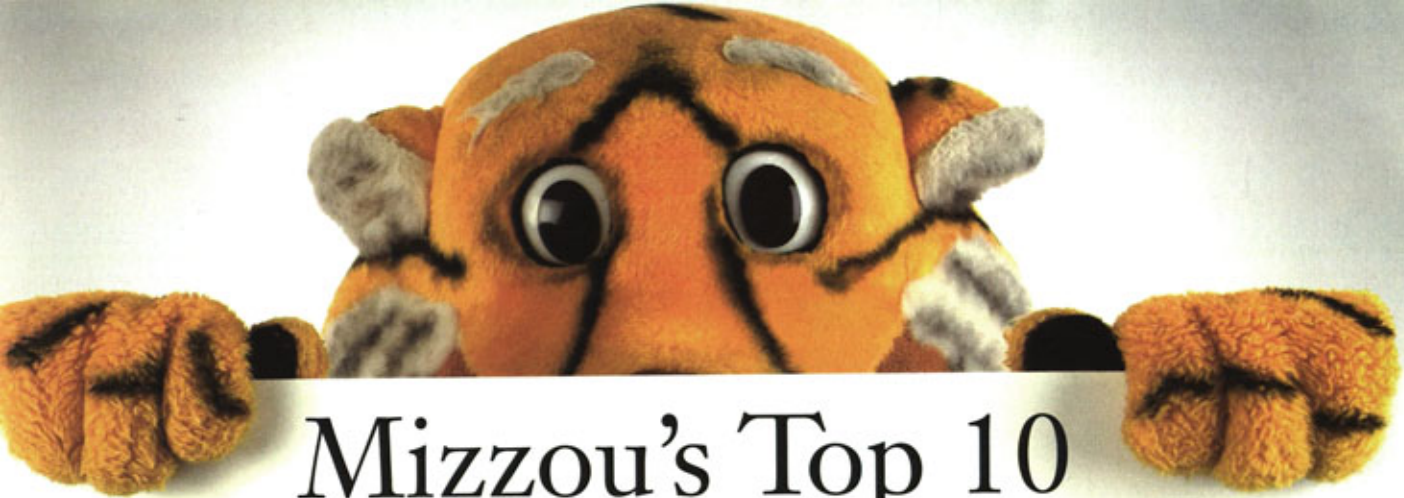
It's that blend of pragmatism and world experience that a handful of former Peace Corps volunteers are bringing to MU.

They are taking the community development skills they learned in faraway countries and putting them to work in mid-Missouri.

MU's Peace Corps Fellows program, which began in fall 2007, provides those former volunteers a fellowship to work toward a master's degree. In exchange, the fellows spend at least 10 hours a week working in the community on basic issues such as food and housing. They also share their international perspectives with the campus by teaching classes and leading programs that focus on global issues.

MU is one of nearly 50 colleges and universities around the country that participate in the Peace Corps Fellows program, but it offers a wider variety of degree options than many schools, says Don Spiers, associate professor of animal sciences, who directs Mizzou's program. "The Peace Corps Fellows program is one way we're trying to 'internationalize' MU so our students can have a global experience without leaving campus."

— John Beahler



Mizzou's Top 10

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- 2** MU is one of only six public universities nationwide with **medicine**, veterinary medicine, **engineering**, agriculture and law **on one campus**.
- 3** Students, many of whom work as a team with the nation's great research faculty, benefit from the Mizzou Experience which uniquely **prepares them for success** as *global citizens*.
- 4** MU's hallmark is **collaborative research** in which faculty from multiple disciplines work together to solve problems and **improve our lives**.
- 5** MU is a **\$1.75 billion enterprise** that operates 24/7 and attracts **72 percent** of the federal research dollars flowing to Missouri's public universities.
- 6** Home to the **nation's most powerful university research reactor**, MU is the largest U.S. producer of radioisotopes used to diagnose and treat cancer.
- 7** **The Mizzou Advantage** includes competitive assets in sustainable energy, food for the future, new media, transformational technologies, and the convergence of human and animal medicine.
- 8** University Physicians treat patients from every Missouri county, and MU Extension provides education and training for **1 million citizens annually**.
- 9** The Mizzou Botanic Garden covers the entire campus landscape with **42,000 plants and trees**. It is an important outdoor laboratory for 10 academic programs at Missouri's great land-grant university.
- 10** Mizzou student-athletes won **four 2008-09 championships**: Big 12 North Division in football and conference tournament titles in softball, soccer and men's basketball. MU was one of only two schools nationwide with first round draft choices in the NFL, NBA and MLB. The Tigers again **lead the Big 12** in eligibility, academic retention and graduation rates.

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The Weisers pledged an estate gift to MU the same year as their 50th wedding anniversary.



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