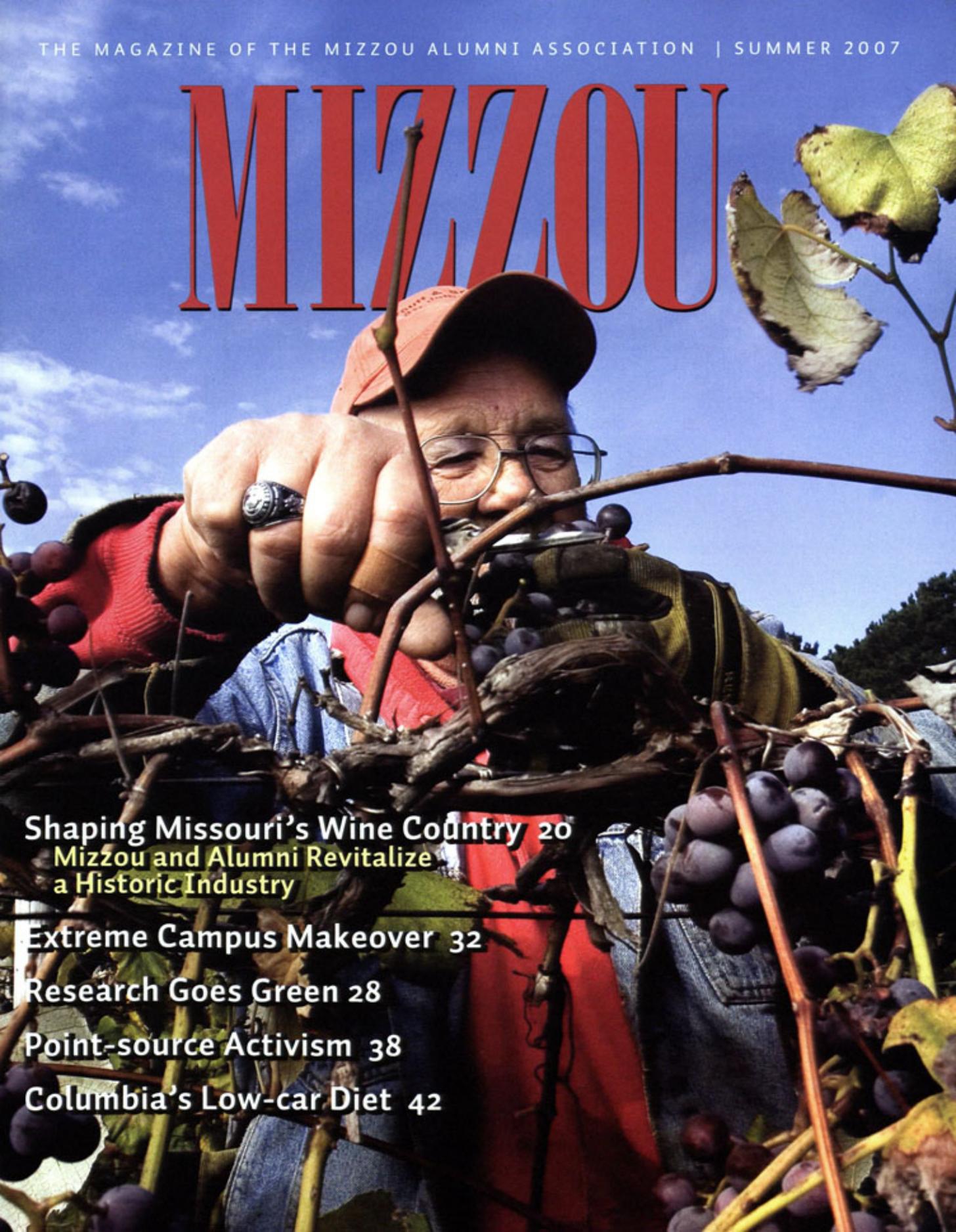


MIZZOU

A close-up photograph of a man wearing a red baseball cap, glasses, and a red long-sleeved shirt under a denim jacket. He is focused on harvesting dark purple grapes from a vine. He wears a silver ring on his left hand and green work gloves. The background shows a clear blue sky and some green leaves of the vine.

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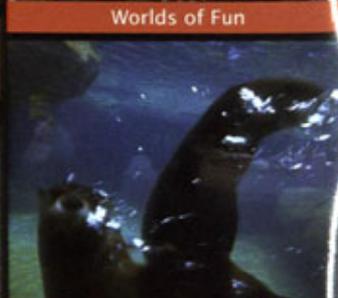
Lake of the Ozarks



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MIZZOU

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“Too often, people are so loud on either side of an issue, they drown out the truth.”

See Page 38.



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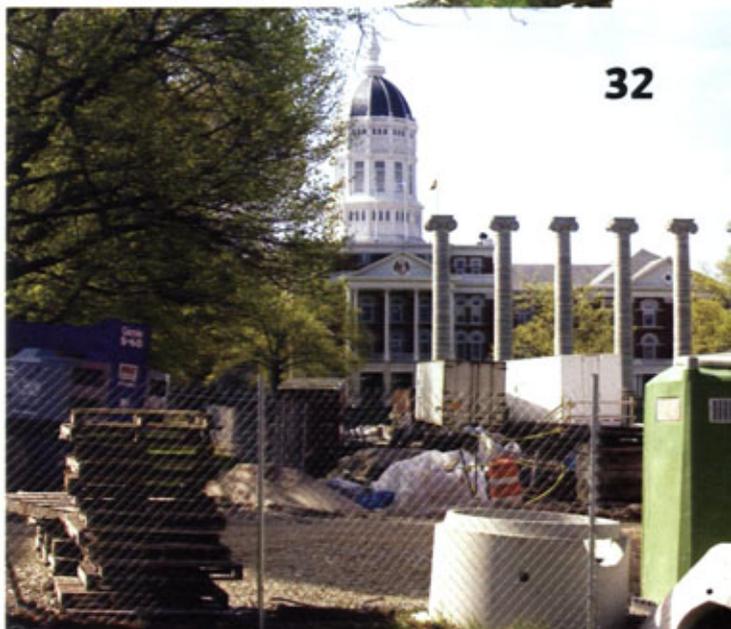
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About the cover: Bill Abner harvests grapes at a M Farms and Vineyards in St. James, Mo., owned by Donna Ruppelmeier, MSW '93, and the late Marvin Ruppelmeier, BS '66. Photo by Nicholas Benner. Smaller credits: Clockwise from top: Owl by Mandy Mackert, (p. 12) and (p. 32) by Mike Huddle; (p. 38) by Rob Witt, student activist Michele Baumer by Nicholas Benner.

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The Mizzou Alumni Association proudly supports the best interests and traditions of Missouri's flagship university and its alumni worldwide. Lifelong relationships are the foundation of our support. These relationships are enhanced through advocacy, communication and volunteerism.

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Photo by Gianni J. Truexing

A male gray tree frog looks for love in Boone County. For small creatures, frogs make quite a racket.

An environmental prince

Opening one's ears to the environment can be a deafening experience. On one of the first warm days following Easter's deep freeze, dozens — perhaps hundreds — of gray tree frogs are celebrating the rites of spring in the Forum Nature Area along the MKT Nature/Fitness Trail in southwest Columbia. Along for the celebration are MU faculty, students and Columbians basking in the warmth of the sun, the scent of fresh air and the

beauty of sycamore bark, to name a few of Mother Earth's delights.

As I push through the Hinkson Woods/Hinkson Creek wetlands on my bike, I am tickled with the cacophony of the frogs, knowing that if these sensitive creatures are thriving, then probably fish, insects, small mammals and birds are surviving, too. The woodland buffer sustains them; the edge between nature and development is preserved.

Who is to thank for this off-the-couch and on-my-feet renewed ecological enthusiasm that is reducing my environmental footprint? Darwin Hindman, BA '55, JD '61. Hindman, re-elected mayor for an unprecedented fifth term in April, is a role model extraordinaire. As a champion of trails and parks, the 74-year-old rides his bike to and from City Hall each day.

With Hindman at the helm, the City of Columbia is one of four locations in the country to study whether providing a combination of infrastructure and education can cause a cultural shift toward nonmotorized transportation. The community's PedNet project hopes to replace one in 10 car trips by 2010; see Page 42.

On campus, Mizzou students and faculty are passionate about the environment as well. Students are proficient beyond the three Rs: reduce, reuse, recycle. They care about water quality and environmental safety. See "Point-source Activism" on Page 38. Some examples of green faculty research start on Page 28. Plus, renovation and construction projects are changing the campus environment; see Page 32.

Across the state April 4-9, Mother Nature put the squeeze on the Missouri wine and grape industry with a deep freeze following a near-record period of warm weather. Based on a cursory view of visible injury, the Institute for Continental Climate Viticulture and Enology estimates 95 percent of this year's grape crop is lost. Established at Mizzou in 2006, the institute works with grape growers to continue development of cold-hardy, disease-resistant grape varieties; see Page 20. Perhaps with a little help from Mother Nature and research, MU grads who grow grapes can stop croaking the blues. — Karen Flandermeyer Worley, BJ '73



Seven is the luckiest number

In the Spring 2007 issue, betrothed Christina Gray and Ron Nelson ["Lucky in Love," Around the Columns, Page 11] were making plans for their 7-7-07 wedding. Mizzou Alumni Association member Joyce Lake, BS Ed '59, M Ed '63, of Boonville, Mo., saw the story and reports she can top that. Lake, former director of alumni programs for the association, turns 70 on, you guessed it, 7-7-07. Thanks for writing, and keep reading.

MIZZOU magazine staff

Egypt by the numbers

I read with interest of Robert Benfer's archaeological discoveries in Peru in MIZZOU's Spring 2007 issue ["Professor Benfer's Timing Machine"]. However, I take issue with the statement, "... early Egyptians didn't even show up in the Nile River Valley until roughly 3,000 years ago." That would be about 1,000 B.C.

The broadly accepted time line for Egypt's Nile Valley, according to *Ancient Egypt: Discovering its Splendors* (National Geographic Society, 1978), is as follows:

5,200 B.C.: Egypt's Predynastic Period with hunter-gatherers roaming the Nile Valley

4,600 B.C.: Farming is established, towns are formed, sailboats are in use on the Nile and Mediterranean

3,500 B.C.: Outside influences spark Gerzean, or Naqada II, culture in Nile Valley; beginning of mud brick construction, new painting techniques; tombs are more elaborate

3,200 B.C.: Separate political units established, single leader wins control of Upper Egypt and becomes god-king

3,050 B.C. (approximately): Upper and Lower Egypt are unified and pharaohs of Dynasty I rule all Egypt

3,000 B.C.: Memphis rises as new capital and Dynasty II gains throne

2,800 B.C.: Pyramid Age emerges

And so it goes to the present. It seems Dale Smith is off by several thousand years.

Cathryn Buesseler, BJ '65, MA '69
Lubbock, Texas

The winter of our lives

After reading the "Snow Studies" feature in *Semper Mizzou* [Spring 2007], I was reminded of another very big storm in Columbia in the winter of 1949. It hit my wife, our baby girl and me, a G.I. Bill student, especially hard because we were living in a 13-foot homemade house trailer at the Texaco Town trailer court on Highway 40.

The photograph shows our 1932 Chevrolet outside our trailer that winter. We used the car as a freezer, which came in handy since our trailer "refrigerator" was actually a soft-drink cooler.

Oh, what fun those college days!

Edwin H. Mammen, BJ '50
Chapel Hill, N.C.

Show me the memories

If you were an editorial or business staffer for *Missouri Showme* magazine, we would like to hear from you. MIZZOU magazine has asked Bob Skole and me to compile a modest history of the humor magazine, and we need your help. Please respond to us with the dates of your *Showme* participation, your current mailing address and, if possible, your e-mail address. We will take it from there.

Gerald "Jerry" Smith, BJ '52
112 Rathfarnum Drive
Weldon Spring, MO 63304

Bob Skole, BJ '52, Boston
bobskole@aol.com

'Skippy' was the man

Loved your Fall 2006 article, "Columbia Grows Up," and the picture of my Beta brother, Darwin Hindman. Today he is a local hero. But when I was at MU from 1952 to 1956, it was his dad, Darwin Hindman Sr., or "Skippy," who was the hero. For us non-athletes who had to take physical education, Skippy, professor and chair of PE, was the



Photo courtesy of Edwin H. Mammen

A winter storm in 1949 covered Edwin Mammen's car and trailer with icicles.

man. Short and not athletic-looking, he made immense contributions to athletics, and his academic writings were profuse. He wrote a pamphlet about every physical game known to man or woman. I recall I took golf, archery and I don't know how many others — maybe even table tennis. He was an authority on it all.

I recall him or young Darwin telling us about a canoe trip they took north out of the Canadian lakes and into Hudson Bay. They got stuck in the mud when the tide went out. I know he had a pamphlet on canoeing. I wonder if students still use his body of work. It was impressive. Thanks for the memory.

Dan McKinnon, BS BA '56
Annandale, Va.

Editor's note: Mizzou no longer has a physical education department, but students and Mizzou

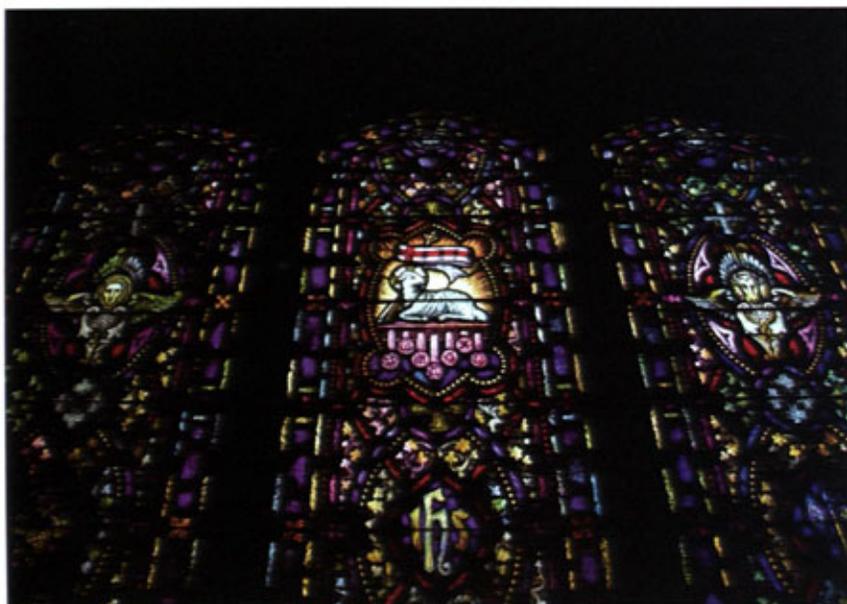


Photo by Nicholas Benner

From 1927 to 1930, the Jacoby Art Glass Co. in St. Louis constructed the windows for the Missouri United Methodist Church, 204 S. Ninth St. The central image represents the lamb of God, flanked by symbols of gospel writers Mark, left, and Luke.

Alumni Association members can check out seven of Skippy Hindman's books, including the *Handbook of Indoor Games and Stunts* (Funk & Wagnalls, 1955), at Ellis Library. University Archives holds a number of Hindman's papers, and Darwin Hindman Jr. reports that he has copies of many of his dad's writings and would be happy to share. Contact him at mayor@GoColumbiaMo.com.

More on stained-glass windows

In reading the article on Pages 12–13 in the spring issue, "Celebrating a Folklore Centennial," I was interested in the Robyn Burnett–Ken Luebbing article about famous church windows, especially the fact that the one pictured [at Calvary Episcopal Church, 123 S. Ninth St.] was made by the Jacoby Co. in St. Louis.

Recently, I completed my 11th and final book, *Missouri United Methodist Church, Its History to 2006*, a history of the Methodist church in Columbia. The church, at 204 S. Ninth St., has one of the most famous sets of glass windows in the nation; these windows tell stories from the Old and New Testaments and about leaders in Methodism.

And guess who did this work? The Jacoby Co. in St. Louis, where artisans worked from 1927 to 1930 preparing these classics. The church was dedicated in 1930, although some areas had been in use prior to that time.

The Rev. Marion Nelson Waldrip designed the windows, and talented personnel in St. Louis worked for months on designs and execution, making everything blend with the walls and ceiling. An official from the company wrote in 1958 that the cost was "just under \$10,000." In 1958, \$50,000 was spent to replace parts, and years later much more was spent on better protecting them from the elements. Today they are highly insured. Tours are available through the church office where a guide will explain each scene. The descriptive data also appear in the book mentioned above.

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You continue to do a great job with this magazine. I even noticed a picture of a close friend, Dave Sapp, in one of the ads from the Chamber of Commerce. Sapp is another historian doing great service for his community.

Bill Taft, BJ '38, MA '39
professor emeritus of journalism
Columbia

Marching Mizzou to the rescue

Your article "Road Trip!" [Spring 2007] brought back memories.

In 1947, I was in the Marching Mizzou band. We traveled to the KU game, arriving early on Saturday morning. A number of us, probably 30, walked around the campus as a group. Soon we arrived at the Kansas Union where we saw a stuffed Tiger hanging by its tail. It was a unanimous, spontaneous decision that the Tiger had to be freed. The drum major and I were elected for the mission.

We entered the building and started up the first stairway we saw. Soon we were confronted by a classy and authoritative lady asking if she could help us. The drum major — a quick thinker — volunteered, "We are going to build a new student union at Missouri and wondered what facilities KU has that we should consider." She politely replied that we were entering an area where the VIPs would be having lunch, but she had a few minutes and would show us around.

She guided us through several rooms, one of which was where the Tiger's tail was tied to a windowsill with a rope. I lingered behind as they moved to the next room, quickly extracted my trusty knife from my pocket and began to saw away at the rope. After I cut for what seemed like forever, the Tiger fell to the waiting arms of our compatriots. Upon my signal, our drum major graciously thanked our hostess, bid adieu, and we soberly descended the stairs. As soon as we dared, we raced out the doors to join our group.

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We spent the rest of the day before the game parading around campus with the Tiger held high and proudly. Whew! Looking back, I wonder if our hostess may have been a willing co-conspirator?

Francis M. Webster Jr., BS ChE '52
Sylva, N.C.

Mardi Gras road trip

When I saw the article on road trips [Spring 2007], I just had to laugh because the road trip we took in February of 1964 was the stuff of movies like *Animal House*.

We were the pledge class of Sigma Alpha Mu (Sammies). First of all, we walked out of the house with all of the silverware so the actives could not eat. Second, we drove from Columbia to New Orleans in a hearse borrowed from another fraternity. Can you imagine 18 guys in the back of a hearse traveling together for that amount of time? Or the stares we got at a stop sign when we opened up the curtains in the back of the hearse?

While in New Orleans for Mardi Gras, it was the first time for all of us to be able to drink legally, so you can imagine the type of fun we had. As I recall, several of my pledge brothers ended up in jail for a night for climbing the pole to a balcony of one of the establishments on Bourbon Street to meet with beautiful ladies waving from above.

On the way back, we encountered heavy snow, flat tires and oil problems — not to mention hangovers. But it was a glorious time in our lives, it bonded us together forever, and it was a trip none of us will ever forget.

Ed Musen, BJ '68, MA '69
Creve Coeur, Mo.

My worst trip

There were few enough trips during my years at MU (September 1933 to June 1937), except to my hometown of Blairstown, Mo., in Henry County. Most of the others were

track and cross-country meets. The worst of those was to the Big Six Conference track meet in Lincoln, Neb., May 10–11, 1935.

Our mile and two-mile members went by car with a loyal supporter who ran a filling station north of campus. George Hardy, Bob Beasley and I roomed together. We left for home after the meet on Sunday, May 12. We stopped at Nebraska City at a restaurant. When we got back to the car, we discovered that someone had broken into the trunk and stolen our luggage.

We reported our loss to the sheriff, but, as expected, nothing came of that. We got back to Columbia about 4:30 that afternoon. I was staying with my mother at 604 Conley Ave. Bad as it was to lose our luggage, it was even worse for me. My semester's notes for all my courses were also lost (I had taken them along to study for finals) as was my completed term paper for Dr. Agee's course in biblical literature. He was kind enough to

give me an extra week.

As I told my mother, I was glad I had worn the new white dress shirt she had bought for me — at least that was not stolen. Or so I thought. Come to find out, I had worn Bob's shirt by mistake. He was glad to get it back.

So I had literally lost the shirt off my back.

Don Hayden, BA '36, MA '37
Tulsa, Okla.

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 Reynolds Alumni Center, Columbia, MO 65211; phone: 573-882-7357; fax: 573-882-7290; e-mail: mizzou@missouri.edu

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Don Graham: A rock for Residential Life

A number of alumni who worked for Don Graham during his 40 years as a Residential Life staff member wrote to MIZZOU following the notice of his death that ran in the Spring 2007 issue. Graham, BS BA '58, retired in 1997 as associate director. He died Dec. 28, 2006, at age 74.

Of all the accolades for Graham, this anecdote from Fred Buckhold, BS BA '68, MBA '76, of Ballwin, Mo., a personnel assistant (PA) in Hatch Hall during the 1960s, stands out:

"Don taught me the lesson of patience. After graduating in 1968, I returned to campus for a football weekend. All former PAs were always welcome at Don and Nancy's home. After a nice evening with them, another former PA and I were driving down Stadium Boulevard when we noticed a rather large rock on the edge of the road. We stopped to move the rock, as it could cause a problem for other travelers. As we were moving the rock, we decided — as a joke — that the rock would make a nice addition to the Grahams' front yard. We loaded the rock into our car and delivered it to Don's front yard. The next day we stopped by the Grahams' house. The rock was there, but not a word was said about how it got there or who did it. A year later, during another trip back for a football game, I stopped by the Grahams' and the rock was not only still there, but the Grahams had used it as a centerpiece for a new landscaping plan! The rock was discussed, but again not how it got there or who did it. Years went by, more visits, more changes, more discussions, but never how or who.

"Probably 20 years after the deed, I finally fessed up to the prank. Don's comment was vintage Graham: 'I had a



Photo courtesy of Charles Mar Pictures

strong feeling it was you, but I wasn't 100 percent sure.' Don dealt in facts and knowledge, not in speculation and unknowns. He had the patience to wait until he had the facts. God love him!"

When life gives you rocks

Don's wife, Nancy, BS Ed '63, and son David Graham, BS Ed '91, of Columbia recall the story and the laughter that went with it.

"Dad was not going to remove it and let whoever had placed it there get the upper hand or have the last laugh," David says. Very quickly, possibly before the next home football game, his parents gathered other rocks and landscaped around that big old rock to make it look good. "They moved pretty quickly that fall so as to have the last laugh in case the culprit came back!"

Just doing his job

The modest, unassuming Don Graham was a fierce Tiger fan. He held football season tickets from 1954 until his death. He was known as a guy who was just doing his job. David Graham recalls bailing water out of Johnston Hall one Christmas

Decked out for a Cramer Hall Christmas party in 1963 were personnel assistants, from left, Don Flora, BS '66, MS '68, MS '71, Kansas City, Mo.; Harry Bailey, BS BA '65, Winston-Salem, N.C.; Gary Koeneman, BS '64, Shawnee, Kan.; and Don Graham, then assistant manager of men's housing. Former PAs appreciate Graham's mentoring and have started a scholarship in his honor. For more information, go to formizzou.missouri.edu/studentaffairs.

Day so that other employees wouldn't have to be bothered on the holiday.

John Ashley, BA '65, MD '70, MBA '70, of Asheville, N.C., recounts how Graham looked past his two years of disciplinary probation, a "gift" from former dean of students "Black Jack" Matthews, and allowed him to serve as a PA. Giving financially needy students a hand was second nature. Gary Koeneman, BS '64, of Shawnee, Kan., tells the story of a PA whose father was injured in a car accident and who needed to drop out of school. Graham took the student to the financial aid office, helped him arrange a loan and showed up at his door the next day with a round-trip plane ticket home. The student offered to repay Graham several times, but Graham wouldn't hear of it.

Mizzou's maximum impact

Higher education has been under the microscope in recent years as lawmakers and the public debate the value and the cost of a college education. Although people are concerned about those issues, one thing is clear, says MU Chancellor Brady Deaton: "That is the recognition that the future of Missouri and the future of our children and grandchildren are critically dependent on the investments that the state decides to make in higher education."

Higher education provides the knowledge base upon which our progress as a society is founded, Deaton says.

"Efficiency and accountability of higher education are concerns of all administrators. I suspect that the University of Missouri is probably the most accountable we have ever been, and certainly the most efficient we have ever been, in delivering education and research that fuels the most complex industrial organization and the worldwide system of job creation and knowledge development that ever has occurred in human history.

"I think we can be very proud of what we have accomplished," Deaton says. He highlights a few of those accomplishments:

- MU is doing more with less. Even though state appropriations declined in recent years, Mizzou faculty are teaching record numbers of students. In fall 2006, MU's enrollment reached 28,253 students. The graduation rate also set a record last year — 68.9 percent of students who enroll at MU graduate within six years, compared with a national six-year graduation rate of 56 percent.

- Faculty at MU are leaders in their academic fields and play a unique role among Missouri's public universities in providing doctoral education. MU is in the top 50 of all U.S. universities in producing PhDs. According to a new rating system called Academic Analytics, MU has nine graduate programs (animal sciences, communication, counseling psychol-



ogy, educational psychology, fisheries, horticulture, nutrition, forestry and nuclear engineering) in the top 10 for faculty productivity among 104 disciplines at 354 institutions.

- Campus leaders slashed administrative expenses last year by more than 10 percent and redirected the \$5.5 million to academic programs, student support programs and scholarships.

- Since he became chancellor in 2004, Deaton has been committed to helping needy students afford a Mizzou education and to rewarding academically talented students. Scholarships and grants awarded through campus endowment funds and the general operating budget have grown by 20 percent in the past three years — from

\$35.8 million in the 2003–04 fiscal year to \$43.1 million in 2005–06.

- MU's billion-dollar For All We Call Mizzou campaign is making a significant contribution to campus resources. By April 30, 2007, the campaign had raised \$793.75 million to support students, faculty, programs, facilities and research. Those gifts already have funded 650 new merit- and need-based scholarships and 72 new endowed professorships and chairs.

- Mizzou's research efforts have taken off. Over the past 10 years, federally funded research grew faster at MU than at any other public member of the prestigious Association of American Universities. Last year, research expenditures totaled \$174.9 million, and \$139 million of that came from



Photo by Nicholas Sennar

Chancellor Brady Deaton visited the lab of John Viator, assistant professor of biological engineering, to learn about the lab's breakthrough in detecting the sounds of melanoma cells.

federal agencies.

- MU scientists and engineers are drawing international attention for their work. Two of *Discover* magazine's top 100 science stories of 2006 involved Mizzou researchers. Anthropologist Robert Benfer discovered in Peru the oldest celestial observatory ever found in the Americas, and animal scientist Randy Prather genetically engineered swine to produce heart-healthy omega-3 fatty acids.

- Mizzou researchers are helping Missouri citizens and governments tackle some of the state's most pressing problems. MU engineering faculty are studying ways to

make state highways and bridges safer. Public policy experts at the Truman School of Public Affairs are providing state officials and lawmakers with the balanced, unbiased information they need to develop sound policy. Education faculty are working closely with school districts around the state to educate future generations of Missourians.

- MU touches the lives of hundreds of thousands of people around the state through University of Missouri Extension. Last year, people enrolled in more than 26,000 credit hours of university-level continuing and distance education courses. Extension programs trained law enforcement officers and firefighters from around the state. Last year, nearly 75,000 youth were involved in 4-H programs in Missouri's biggest cities and smallest hamlets. Extension experts offered training programs in agriculture, business and community development, family nutrition and finances.

A crop of Kempers

If anybody exemplifies the desire to be a better teacher, it's Lynda Kraxberger, associate professor of convergence journalism. She has attended 10 teaching conferences, her courses constantly evolve along with changes in her field, and she is a founding faculty member in the first new journalism sequence since 1953. In the new convergence sequence, students don't specialize in a single journalistic medium but rather learn to make the best use of print, broadcast and online modes for delivering news.

Kraxberger is one of five winners in 2007 of the Kemper Fellowships for Teaching Excellence, MU's leading teaching honor. The award comes with a \$10,000 prize.

The other winners are Fran Arbaugh, assistant professor of mathematics education; R. Wilson Freyermuth, John D. Lawson professor of law; Lois Huneycutt, associate professor of history; and Frank Schmidt, professor of biochemistry.

Briefly

- Chancellor Brady Deaton led a memorial service April 18 outside Memorial Union for the 32 slain Virginia Tech students and teachers.



- Jack Schultz, formerly a distinguished professor at Penn State University, is the new director of MU's Christopher S. Bond Life Sciences Center. He has nearly 30 years of experience in life sciences education and research. The National Science Foundation has funded his work on plants' responses to insects for more than 25 years.

- The University of Missouri System Board of Curators named Gordon Lamb, a veteran educator and former college president, as interim president. He replaces Elson Floyd, who left to become president of Washington State University. *More: umsystem.edu*

- John Foley, an expert in oral traditions, has been elected to the Kalevalaseura, the Finnish national honorary society for scholars and creative artists. The group has elected only 137 foreign members since its founding in 1919. Foley is the Byler Chair and Curators Professor of Classical Studies and English.

More: kalevalaseura.fi (click on "In English")

- The College of Engineering has won a \$10 million grant aimed at improving military capabilities. The lead investigator, Shubhra Gangopadhyay, directs the University's International Center for Nano/Micro Systems and Nanotechnology. She and other researchers will work with the Picatinny Arsenal, a military installation in New Jersey, to develop alternative energy sources and sensors that will detect biological and chemical weapons.

More: research.missouri.edu

The envelope, please

On Match Day, medical students learn which residency program they will enter for training. This year, that day fell on March 15, when approximately 24,000 doctors in training across the U.S. learned their fates. In Columbia, 88 fourth-year medical students and their friends and families crowded into the atrium outside the J. Otto Lottes Health Sciences Library to wait for the envelope bearers.

Among the excited waiters was Swetha Sridhar, MD '07, of Ballwin, Mo. At age 5, Sridhar emigrated from India to the U.S. with her parents. Two years later, she watched helplessly as her father collapsed and died from a heart attack in the family's living room. That vulnerable feeling fueled an interest in medicine. "I wanted to know how to care for people in distress," Sridhar explains.

Sridhar's interest solidified during her participation in Students and Teachers as Research Scientists (STARS), a University of Missouri–St. Louis (UMSL) summer program for high school juniors and seniors.

By that time, Sridhar knew she wanted to go into medicine but was reluctant to move.



Fourth-year medical student Swetha Sridhar, right, and her mom, Lalitha, learn she has matched with the University of Missouri–Kansas City for her residency.

"Leaving my mom was a big deal," says Sridhar, an only child. "She's the strongest influence in my life, my pillar of support."

With encouragement from Dr. Ken Mares, STARS director and a biology research assistant at UMSL, Sridhar applied to MU and was accepted into the Conley Scholars Program. The program ensures high school seniors' acceptance into MU's medical school upon successful completion of an undergraduate degree at MU.

On Match Day, Sridhar learned she'd be moving a couple more hours away from her mom — to the University of Missouri–Kansas City's emergency medicine residency program. But this time, she was more excited than anxious. "Choosing MU was the best thing that could have happened to me," Sridhar says. "The move gave both of us time to grow, mature and become independent."

Clowning around cancer

Midway through chemotherapy, Heather Carver asked a friend to shave her thinning hair. The friend ran the clippers down the center of Carver's scalp, which accentuated the remaining tufts of hair on either side.

Carver, assistant professor of theater, had expected the experience to be tragic. But then she saw herself in the mirror. "I look like Bozo!" she exclaimed, sending her husband to fetch a clown nose.

She had stumbled on a breast cancer survival strategy. "My sense of humor is what's going to get me through this," Carver told herself.

Throughout surgery, chemotherapy and radiation, Carver kept "morning pages," chronicling moments like the morning her husband found their daughter, then 5, thumbing through a cancer magazine, and a trip to the White House in which she played up her sickness enough to swoon onto a bench inches from President Bush.

Having survived, Carver drew on those experiences for her one-woman show



Booby Prize: A Comedy About Breast Cancer, which she presented in January at MU's Corner Playhouse.

Although the subject is cancer, Carver keeps the atmosphere playful. "I want the audience to be comfortable so they'll really listen." The show feels casual and spontaneous. Carver welcomes audience members with hugs and balloon animals while wearing full makeup as the clown Jellybean. She has been doing the character since taking a clowning workshop at the Coterie Theatre in Kansas City, Mo., at age 15.

The show unfolds episodically, as though Carver is telling stories with a friend over drinks — large, strong drinks with umbrellas. "I want people to come out of



FOR ALL WE CALL
MIZZOU

As of April 30: \$793.75 million



Goal: \$1 billion

Private gifts large and small are propelling the For All We Call Mizzou campaign toward its \$1 billion goal. The campaign will culminate with a major celebration in the spring of 2009.

than \$5 million over 35 years of support.

The gift to the College of Business will fund three endowments: the Tom and Betty Scott Fund for Excellence to advance the college's strategic priorities; the Tom and Betty Scott Distinguished Professorship in Risk Management; and the Tom and Betty Scott CEO Forum to support a lecture series they established in 1999. The Scotts support many worthwhile endeavors, but they say education is the cornerstone of all good causes.

The \$1 billion For All We Call Mizzou campaign also generated a significant gift toward curing diabetes, one of the nation's fastest growing diseases.

In April, the School of Medicine recognized a pioneer in the study and treatment of diabetes by dedicating the Thomas W. and Joan F. Burns Center for Diabetes and Cardiovascular Research.

Dr. Thomas Burns was a founding faculty member of the MU medical center, which opened in 1956. He helped establish MU's diabetes center, Missouri's only such center outside Kansas City and St. Louis, and served as its director for 16 years. The couple's generous support has contributed substantially to greater understanding of diabetes, estimated to affect 7 percent of Americans.

The Burns center will focus on the link between cardiovascular disease and diabetes, a major health problem for Missouri and the nation.

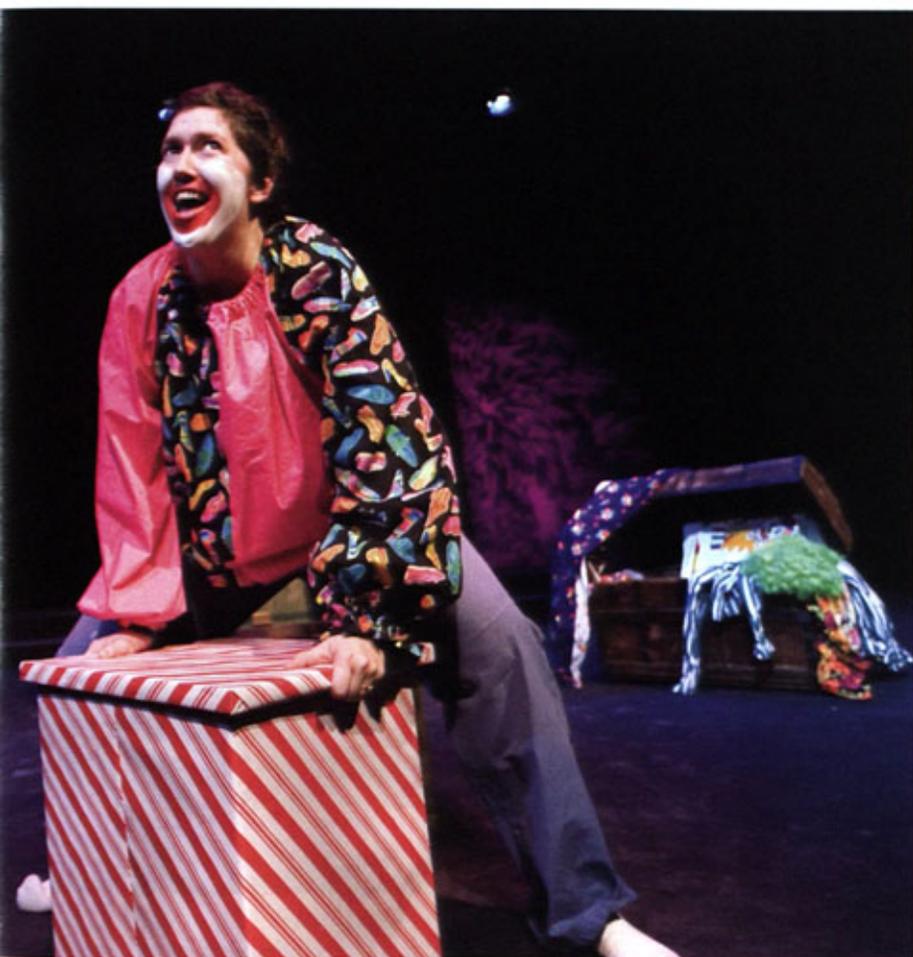


Photo by Nicholas Benner

the experience having had some emotional connection with what goes on in the life of a breast cancer survivor."

Checking lists twice

When Tom Scott was 8 years old, he made a list of things he wanted to accomplish in his life. He put "insurance" at the top of the list. "Making a list is an effective way to reach your goals," Scott says. "I recommend it to everyone."

The 8-year-old was determined. Scott, BA '58, attended MU on a football scholarship, majored in insurance and launched his own company, Insurance Management Corp., in 1978. The company specialized in

When Heather Carver began writing her play *Booby Prize: A Comedy About Breast Cancer*, she learned that one woman in eight was diagnosed with breast cancer. The statistic is now one in seven, she says. "Everyone's touched by cancer."

long-haul trucking and child-care clients.

"Today they call it risk management," Scott says. "Fifty years ago, we just called it insurance."

Somewhere in the Scott household there must be another list with "support education" at the top. On March 1, Scott and his wife, Betty, Nur '60, announced a \$2.5 million estate gift to the MU College of Business. In January, they gave \$2 million to the College of Veterinary Medicine, bringing their total gifts to the University to more

Honoring 'the Hun'

When Ed Hunvald begins defining homicide to first-year law students in his Criminal Procedure class, the room swells with the sound of nearly 70 students typing — not writing — notes.

It's a different environment from when Hunvald, John D. Lawson and Earl F. Nelson professor emeritus of law, started teaching 50 years ago, but laptops are only part of the change. Today, Hunvald says, MU's law school is more selective and includes more women and minorities. Throughout his career, Hunvald has also seen changes in criminal procedures, from the creation of Miranda warnings to the development of a public defender program in Missouri.

The law school estimates that Hunvald has taught 80 percent of graduates, including a Missouri Supreme Court judge, the mayor of Columbia and students who have since become colleagues. One such colleague is Ken Dean, deputy provost. "When I started teaching at the law school, I taught the same class [Hunvald] taught me, Evidence, and he helped me with notes," says Dean, JD '76. "He was an outstanding mentor to me when I was both a student and a colleague."

To honor Hunvald's 50 years of service this year, the law school established a scholarship funded by more than \$50,000 in alumni donations. Gayle Stratmann,

BS Ed '78, M Ed '79, JD '87, and husband David Stratmann, JD '86, jump-started the fund with \$25,000.

"The best part about the law school for us was the faculty, and Professor Hunvald was one of the best," says Gayle, now vice president and general counsel of Energizer Holdings Inc. "His classes are some of the most challenging, and his students come out not just knowing evidence and criminal procedure, but also knowing how to think like lawyers. He is an inspiration."

Hunvald says, "It's always nice to be honored," and hopes the scholarship will benefit "a brilliant student who needs it" or "a student who's not brilliant, if they still need it." But he doesn't make a big deal of his milestone. Hunvald's wife would like to travel more, but he says, "teaching gets me out of the house, which is fine."

When the light is right

In his younger days, Mundy Hackett was known to hunt birds on occasion. Now he captures them with a camera. Same interest in Mother Nature, different expression.

Hackett, a doctoral candidate in fisheries and wildlife at MU, recently published *Missouri in Flight* (University of Missouri Press, 2007), a collection of his photographs of Show-Me State birds. In 139 pages, Hackett's photographs and text cover birds of prey, as well as those commonly found in wetlands, fields, forests and neighborhoods.

It is tough to offer an audience a new way to look at, say, a robin, which people can see in their backyards every day.

But over the years, Hackett has developed his own style. He likes shots in which the birds appear to be looking at the camera. He strives for photos with uncluttered backgrounds so the birds — more than one, if possible — stand out. He captures some behavior that casual observers might miss. For example, the sounds of songbirds are familiar, but Hackett's photos



show what birds look like in song.

The final flourish of Hackett's signature style is his habit of shooting from low angles. We're talking on-his-belly-in-the-dirt low. Taken together, these traits give Hackett's images the intimacy he aims for.

His advice for beginners?

Start with the warm light that comes early or late in the day to give your subjects a full range of beautiful texture and color. Use a tripod or, if you also work on your belly, a beanbag to steady the camera for crisp images. Shooting in your backyard is fine; there's no need for exotic settings. And dare to experiment, Hackett says. Try new things until your photographs look like they could have come from no one else's camera.

More: umsystem.edu/upress

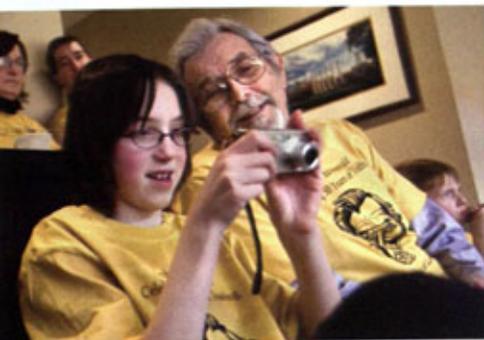


Photo by Nicholas Benner

Professor Ed Hunvald, right, celebrated 50 years of teaching at a Tiger basketball game against Nebraska Feb. 3, 2007, with friends and family, including granddaughter Andrea Lang, age 7.



Photo courtesy of Mundy Hackett

Troubled bridges over water

Imagine you're driving across a bridge. Suddenly, you feel a sickening thump as your car drops down a 19-inch ledge in the middle of the road. It sounds crazy, but that's what happened to a commuter crossing the Dunn Memorial Bridge over the Hudson River in New York one summer night in 2005. A portion of an access ramp had slipped off its bearings and fallen several inches before resting on a concrete supporting pier. Investigators determined that tilting and cracking in the support pier caused the near-collapse of the bridge.

Following that incident, Glenn Washer, assistant professor of civil and environmental engineering, began developing a high-tech sensor system to continuously monitor piers — the legs of a bridge — and

warn of structural weaknesses. Washer's device will consist of about 20 sensors and a computer processor to relay data to highway and transportation officials. The network of sensors will be placed on piers to detect cracks and tilts, which are caused most frequently when sediment is washed away from the base of the piers. New York's Department of Transportation will test the system for six months.

If successful, Washer's device could prove useful nationwide. Nearly 14 percent of the nation's bridges were classified as "structurally deficient," meaning they are deteriorating, according to a

In Missouri in Flight (University of Missouri Press, 2007), Mundy Hackett, a doctoral candidate in fisheries and wildlife, shows his skill in photographing Show-Me State birds.

2004 report issued by the Federal Highway Administration. Another 13 percent were classified as "functionally obsolete," meaning they are structurally sound but no longer meet transportation standards and demands.

With nearly 600,000 bridges in the U.S., Washer says this is a safety issue for travelers, especially since current regulations call for inspections only once every two years. "When a pier tilts, there's a potential for a bridge to collapse without warning. This device will be there every day."

Fairest of them all

All mirrors were magical at an art auction March 17 to raise money for the Missouri Historic Costume and Textile Collection in the College of Human Environmental Sciences. Twelve artists donated works created for the theme "Reflections of Magic."

Artists agreed to use a mirror in their artwork. Pieces came in all shapes and sizes, and the mirrors reflected the diverse creativity of the artists.

The artwork and silent auction items generated \$30,000 for the 5,000-piece costume and textile collection. A similar event in 2006 raised more than \$28,000 to renovate space in Gwynn Hall to house the historic pieces.

Curator Laurel Wilson says the collection fits better in its new location, with more storage and work space. This year's money will go into the collection's endowment fund.

Artist Kate Gray created a watercolor bouquet called "Passion for Life" for an auction to benefit MU's historic costume collection. Gray is assistant director of publications at Mizzou.

Photo by Nicholas Benner



Mystical 7 turns 100

The honorary society Mystical 7 celebrated its 100th birthday this spring in the organization's usual way: quietly.

Each Tap Day, Mystical 7 recognizes seven students and two faculty or staff members for their leadership, integrity, scholarship and service to Mizzou. Current members collar new initiates before their identities are revealed at the Tap Day ceremony each spring on Francis Quadrangle. On Tap Day, they climb a spiral staircase to the top of the Memorial Union tower and sign their names on a wooden door.

When Memorial Union was renovated in 1996, workers replaced the old door. So for anniversary festivities on April 20, current Mystical 7 members invited alumni back to campus and up the spiral staircase to sign the new door. Mystical 7 hosted a dinner that evening at Reynolds Alumni Center.

Being chosen for Mystical 7 can intensify the sense of purpose students feel, says Christian Badger, BS BA '06, of West Hollywood, Calif., whose Mizzou service included literacy tutoring and volunteering at the Ronald McDonald House. He also spent time as a public, yet anonymous,

Truman the Tiger. "Being selected as a member was not really about recognition," he says, "but more of a call to action."

Adviser and honorary tap Frankie Minor, director of Residential Life, says Mystical 7 seeks to acknowledge lesser-known students outside the traditional circle of campus leaders. "Our group tends to look more for the people who display leadership and character, but who are working quietly," he says.

Although members are leaders in their own right, some years the group undertakes a joint project. Recently, they unofficially adopted the landscaped MU logo at the northwest corner of Stadium Boulevard and Providence Road, which lies in a Missouri Department of Transportation easement and had grown shaggy with weeds. They've been quietly sprucing it up. "That's the Mystical 7 way," Minor says.

Politics of education

Junior journalism major Robert Crosby spent the spring absorbing all the experience and knowledge he could regarding statewide education issues as an intern for Missouri Sen. Yvonne Wilson, D-District 9. As an intern, he attended education-related meetings with Wilson and discussed them in detail with her afterward. But perhaps surprisingly, he doesn't plan a career in politics, and his own education had a less-than-inspiring start.

Crosby and his sister grew up in the famously bad public schools in downtown Detroit, and his parents were desperate to give them something better. They went so far as to enroll the kids in a better school using another family member's address. But the new school eventually discovered the ploy, and they had to leave.

"At that point, my parents either had to send us to a private school or move to a better district," Crosby says. So, they moved to the suburbs, and Crosby knows it changed his life. "The teachers and principals and



all the other educational opportunities out there were just so much better. I always wonder, 'What if we didn't move, how much different would my life be?'" He already has an answer: Of his 10 cousins living in



1947 Sawyer

Mystical 7 adviser Frankie Minor says the origins and meaning of the symbols on the Mystical 7 crest are "shrouded in mystery." He thinks the skull represents the "impermanence of life versus the permanence of good deeds and character."

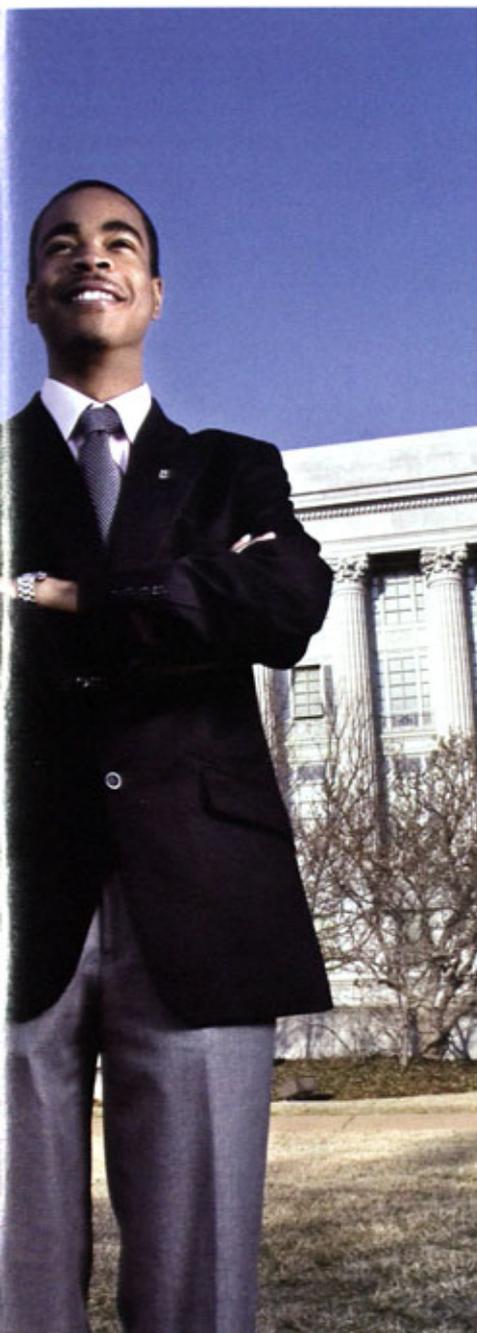


Photo by Nicholas Benner

Junior journalism major Robert Crosby was one of 45 MU students who served internships at the Missouri capitol in spring 2006. He studied education issues with Sen. Yvonne Wilson of Kansas City and plans to teach for a couple of years in urban schools after graduation.

Detroit, Crosby and his sister are the only ones who moved to better schools and the only ones who went to college.

Although Crosby plans to work in international advertising, his experiences in Detroit's schools motivated him to take the internship and accompanying class coordinated through MU's Civic Leaders Internship Program. A total of 45 students had similar experiences at the Capitol last semester. No matter what he eventually does to pay the bills, Crosby wants to be a savvy advocate for better schools in urban centers. Everyone deserves a good education, he says. "It shouldn't matter where you live."

Some liked it hot

More than 6,000 years ago, before anyone had acquired a taste for hot wings or five-alarm chili or stuffed jalapeño poppers, ancient epicures needed a kick in their cuisine. An MU anthropologist recently found that they got it from the same source we do today: chili peppers.

"This is an exciting find because it's the first time we're realizing that a condiment or spice is as old as basic staple foods," says Deborah Pearsall, professor of anthropology. "It was probably pounded and then mixed in to add flavor to foods like corn."

In research published in the Feb. 16, 2007, issue of the journal *Science*, Pearsall, lead investigator Linda Perry of the Smithsonian National Museum of Natural History and other researchers analyzed residue on stone tools and pottery artifacts from sites throughout South America and the Bahamas. They discovered that ancient humans weren't just subsisting on whatever foods they could find or grow; they were enjoying a complex combination of flavors, and their food packed some heat.

Pearsall's work involved two sites on the Ecuadorian coast and one in the Bahamas. As she examined residues taken from chips of stone for grating vegetables, grinding stones and pieces of ceramic vessels used

for simmering stews, she found evidence of maize, beans, squash, root vegetables and wild fruit, as well as a mysterious starch granule that had yet to be identified.

Pearsall compared notes with other researchers and found that the unidentified starch was common across South America and was always found in conjunction with maize. Eventually, Perry identified the mystery starch as domesticated Capsicum, the genus that includes 25 species of chili peppers.

Without roads or horses to facilitate trade routes, it's likely that the hot commodities made their way from their native lands east of the Andes Mountains to Pearsall's Ecuadorian sites west of the Andes by humans traveling on foot.

From a microscopic crumb, scientists like Pearsall can better understand not only ancient culinary tastes, but also agricultural practices, social interactions, trade behaviors and more. Essentially, ancient humans were what they ate.

"When people think of archaeological work, most think of pyramids, burials and fancy trade goods, but food tells us a lot about a society," Pearsall says. "It has always been an important part of being human."



©Stockphoto.com/Skip O'Donnel

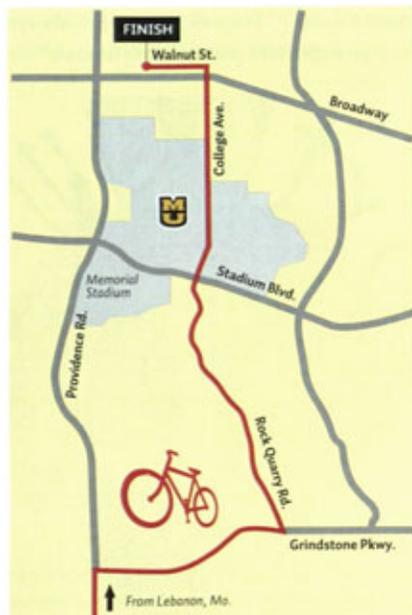
Big-time bicycling

If you plan to attend the Tiger football game or Family Weekend Sept. 14–15, 2007, book a hotel room now. The Tour of Missouri bike race also will be in town that weekend as part of its six-stage race around the state Sept. 11–16.

About 120 professional riders, plus their entourages and media, will roll into town Sept. 14 from Lebanon, Mo. Other stops will include Jefferson City, St. Charles, St. Louis, Kansas City, Springfield, Clinton and Branson.

Promoters expect some of the world's top professional teams to participate, including the Discovery Channel team, owned by seven-time Tour de France winner Lance Armstrong. On the team's roster are Americans George Hincapie, the current U.S. Professional Road Race champ; Levi Leipheimer, a three-time top 10 Tour de France finisher; and young star Tom Danielson, the winner of the 2005 Tour de Georgia.

The race, patterned after the Tour de France and preceded by similar ventures in California and Georgia, will cover more



World-class cyclists race into Columbia Sept. 14 as part of the Tour of Missouri.

than 600 miles of Missouri. Politicians and promoters hail the race as a way to pump tourism dollars into local economies and raise Missouri's profile with media coverage of the event.

More: tourofmissouri.com

High hoops

Mizzou's wheelchair basketball team zooms around the shiny wood floors of the Student Recreation Complex in \$3,000, custom-built chairs with yellow spokes. A faint smell of burnt rubber rises from the court as wheelchairs spin donuts almost too quick to see.

Head Coach Steve Paxton wants his team to grow as quickly as it traverses the court. His plan: to build his program from nothing to a national champion.

This is a tall order for a team that didn't even exist until 2001, when Missouri Sen. Chuck Graham, D-District 19, then chair of the education appropriations committee in the Missouri House of Representatives, allocated \$190,000 of a state budget surplus to fund Mizzou's wheelchair basketball program.

The sport isn't sanctioned by the NCAA — "yet," Paxton says. Nevertheless, the team still follows NCAA guidelines, from recruiting to study hours. Paxton nudges his players through 6 a.m. drills and scrimmages, afternoon strength training sessions and cardio workouts. "We have all the resources here to be an extremely successful program," Paxton says. "Now it's just us developing it further."

'You play?'

When Paxton arrived at Mizzou in March 2004, the wheelchair basketball club had no members. He would stop every student he saw on campus in a manual wheelchair and ask, "You play ball?"

That's how Paxton recruited Tom Knaus of Sedalia, Mo., a sophomore majoring in business. When Paxton cornered him in a



campus parking lot, Knaus had been paralyzed only nine months. The former high school football player had broken his neck falling off a deck.

By the team's official debut in fall 2005, the roster numbered five. Every player played every minute of every game because Paxton had no substitutes. They played while injured and with broken chairs. The game, which follows the same rules as regular basketball, can be brutal: high-speed collisions and spills are common. Their Per4Max chairs are equipped with fifth wheels designed to keep them from tipping.



Photos by Kuhlert

Left: Coach Steve Paxton hopes to lead Mizzou's fledgling wheelchair basketball team to a national championship. The team ended the season 8-24. Garrett French, far left, assists teammate John Gilbert. Gilbert will play for the U.S. Men's National Team at the Para Pan-Am games in Rio de Janeiro, Brazil, Aug. 12-19, 2007. The games serve as the qualifying tournament for the 2008 Beijing Paralympics.

(They don't always work.)

During the Tiger Wheelchair Basketball Classic March 10-11, Paxton's team crashed and skidded its way to a 68-59 win over the Edmonds (Wash.) Community College Rolling Tritons. One Triton player spent several agonizing moments lying motionless under his chair, face smashed against the wood, before gingerly righting himself to the relieved applause of spectators.

The game is action-packed, even without slam dunks. With a regulation-height hoop and players securely strapped into low-slung chairs, it takes incredible upper-body

strength to lob the ball into the net. Still, players and spectators alike seem ebullient that the game is happening at all. "I never dreamed it would be like this," said Barbara Scotten, BS Ed '51, who is thrilled to see her athletic grandson back in action. "Tom (Knaus) is so lucky."

Building a team

After a last-place finish in the Central Intercollegiate Division of the National Wheelchair Basketball Association in 2006, Paxton spent the off-season travel-

ing to junior tournaments and wheelchair basketball camps around the country, searching for recruits. Unlike other coaches, "I can't just go to any old high school," Paxton says. Nonetheless, Paxton has built the team quickly. By the fall of 2006, he had 10 players and scholarship money to recruit five more. He encouraged Columbia's White Knight transportation company to buy a new accessible charter bus to ferry the team to tournaments in style.

As the team finishes its second competitive season with a record of 8-24, Paxton's plans keep expanding. He wants to launch a booster club and host summer camps to build enthusiasm. More than anything, he doesn't just want to be a new program — he wants to win.

Still, for the players, "There's a lot more to it than just coming here and playing ball," says Paxton. "They're out there having to live with this disability every day. It's not just about basketball. There's a huge social benefit to being on the team."

Paxton says the team helps educate the public about people with disabilities while the players support each other through the challenges of navigating college life in a wheelchair. "It's the same thing my teammates did for me," Paxton says. "This is my opportunity to find the meaning in it."

Kansas native fulfills her Tiger destiny

In high school in Tecumseh, Kan., Trisa Nickoley was one of the junior track and field circuit's top half-milers. Fielding scholarship offers from around the country, she could have become a star at any school she picked.

For Nickoley, all signs pointed to Mizzou.

Nickoley, now a junior majoring in nutrition and fitness, didn't want to move far from home. Plus, her running buddy Ashley Patton was at Mizzou. The two have been close friends since coming in first and second in the 800-meter race at the 2003 USA Track and Field Junior Championships.

But the biggest nudge to Columbia came from Nickoley's dad. Even though he was born in Nebraska and grew up in Kansas, Bob Nickoley has been enamored with all things Missouri since seeing the St. Louis football Cardinals on TV when he was 3 years old. "I liked the birds on their helmets," he says.

Living outside Topeka, Kan., Bob Nickoley is "surrounded by the enemy," he says. "I catch a lot of flak" — especially when making sales calls in Lawrence, Kan. With his only daughter being courted by recruiters, "I tried to stay as neutral as I possibly could," says Bob, who drives a car with Mizzou license plates, fills his closet with black and gold, and has even plastered the family refrigerator with Tiger decals. "It was a little difficult," he admits.

Junior Trisa Nickoley won the Big 12 Indoor Championship in the 800-meter run with a time of 2 minutes, 8.46 seconds.



Photo by Rob Hill



Having held football season tickets for 15 years, the Nickoleys now have more occasions to don their black and gold. They now attend almost every home and away Mizzou track and field meet.

Trisa Nickoley has given her family plenty to cheer about, excelling in spring-season track and field and fall cross-country. On Feb. 24, she won the women's 800 meters at the Big 12 Indoor Championships in Ames, Iowa.

After graduating in May 2008, Nickoley plans to work as a personal trainer. But first, she hopes to take her family along on their biggest trip yet, to the Summer Olympic Games in Beijing, China. "At least I want to make it to trials," she says.

Until then, her dad is "tickled" to have family at Mizzou. "I know this is the right place for her."

Tackling a tough season

The Tiger's new softball coach has a strategy for a tough season full of road trips and matchups against top teams: "We lower our ears and run."

Ehren Earleywine says the team's 33-19 record at press time doesn't fully reflect the team's aggressive offensive abilities. Mizzou softball has made the NCAA Regional Tournament three of the past four years and won the Big 12 title twice in the past three years.

Earleywine, a native of Jefferson City, Mo., graduated from Westminster College in Fulton, Mo., where he also served as assistant coach under Tiger football and baseball legend Phil Bradley. Earleywine also has coached at Texas A&M-Corpus Christi and Georgia Tech in Atlanta.

During his last two seasons at Georgia Tech, Earleywine's team led the nation in stolen bases; his final year, it led in double plays. Likewise, at MU, he pushes his team to pair an aggressive offense with a conservative defense.

"We do a lot more running," says senior



Photo by Rob Hill

As of April 22, 2007, outfielder and leadoff batter Leanne Bowers, senior, of Arnold, Mo., led the Tigers in stolen bases, achieving 24 out of 27.

outfielder Leanne Bowers, who leads the team in stolen bases. Before Earleywine took over, "We weren't much of a team to bunt or do hit-and-runs and stealing."

For his first season at Mizzou, Earleywine has inherited a tough schedule with repeated matchups against top opponents, along with a punishing travel calendar. "I think it wears you out trying to get up and play at that level every single time," he says.

The team has spent most of this season on the road and in the air, traveling to Louisiana, California, Arkansas, Texas, Kentucky, Oklahoma, Illinois, Kansas and Arizona — some states more than once. With such a grueling lineup, he says, "You're caught between: Do we practice and work on things or let the girls rest and heal?"

The travel means some missed classes, but Earleywine says student athletes learn some of their most important lessons in teamwork, accountability and developing a strong work ethic from playing sports.

"I think athletics is so important for their growth as people," he says. "I tell my players it's the most important class they'll take."

Show me the money

Just about everybody has an opinion about the out-of-the-park salaries that professional baseball players earn. While most of us stand around the water cooler discussing them, Bob Bailey actually helps determine them.

Bailey, JD '79, assistant law school dean and director of the Center for the Study of Dispute Resolution, has spent the past three years as a salary arbitrator for Major League Baseball (MLB). He sits on one of the three-person panels that decides between salaries sought by players and offers made by baseball clubs. The process, which alternates between Phoenix and Tampa Bay, Fla., each February, is called high-low or last-offer arbitration. The panel must choose between the two figures, based on whether it decides the player is worth more or less than the midpoint between the high and low. The panel's decision, which is based on the salaries of comparable players and arguments presented by both sides, is binding.

Any player with between three and seven years of MLB service is eligible for arbitration, though in about 90 percent of cases, the parties hammer out deals before hearings become necessary. This year, 55 cases were scheduled, and seven went to arbitration. Bailey heard just one, that of Tampa Bay Devil Rays backup catcher Josh Paul, who wanted a raise from \$475,000 to \$940,000. The arbitrators sided with the club, so Paul will earn \$625,000 this season.

As a Cardinals fan, Bailey will never be asked to arbitrate for a Redbird. Beyond that, he never knows whose case he'll hear until the player walks into the hearing.

Besides the prestige this work brings to MU's dispute resolution program, Bailey says his students perk up when he mentions his adventures. "They're fun cases," he says. "Everybody wants to talk about them."

Scoreboard

HOME	SCORE	GUESTS
DOWN	1051060	018

23: Retired Mizzou jersey number of Roger Wehrli, BS Ed '70, who set eight school records playing cornerback under Coach Dan Devine and starred for 14 seasons as a cornerback for the St. Louis Cardinals.



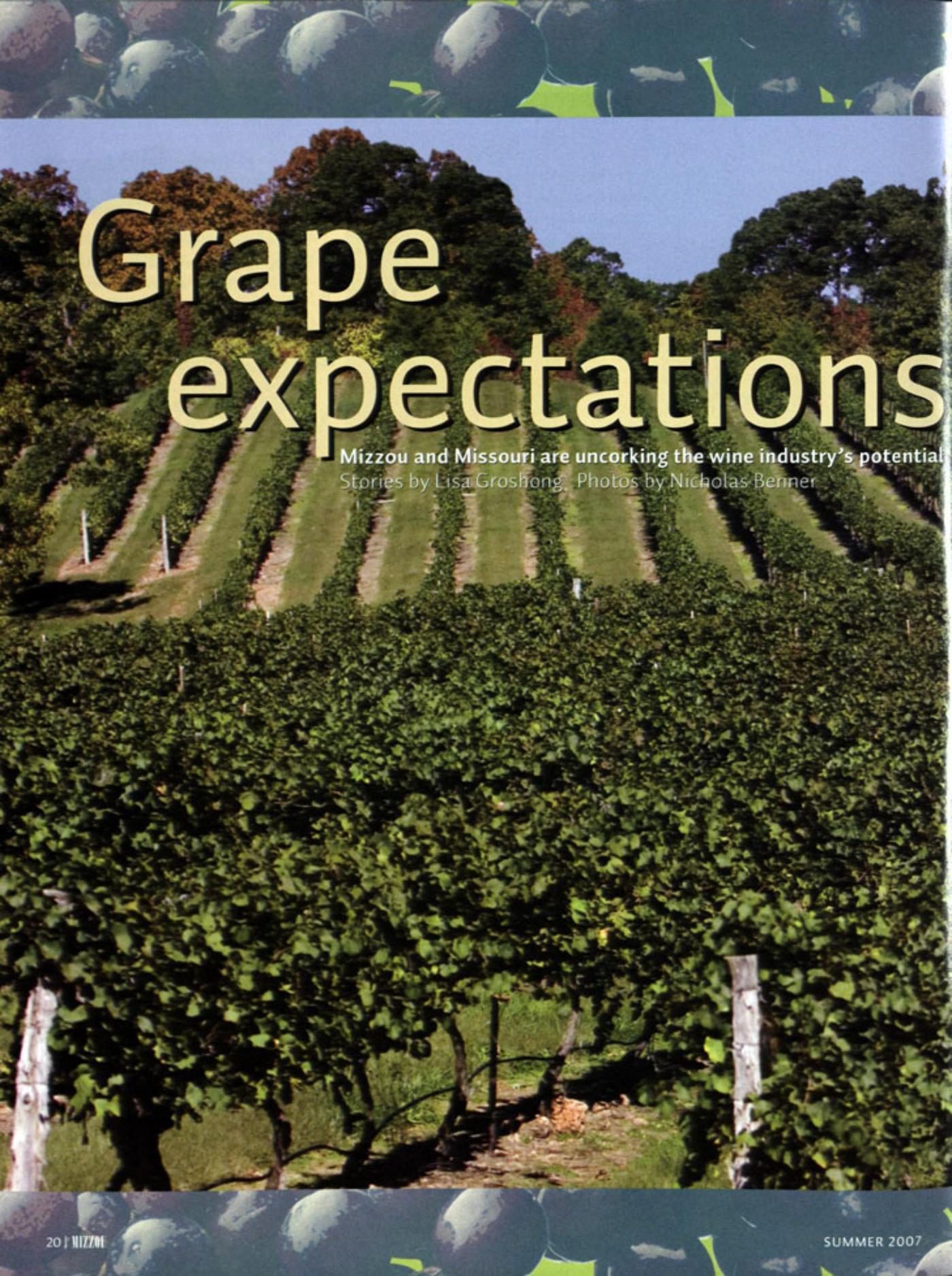
He will be inducted into the Professional Football Hall of Fame in August.

3.29: Combined fall 2006 grade point average (GPA) of Mizzou women's swimming and diving team. This makes the team 29th in the nation and earned it a spot on the College Swim Coaches Association of America's Academic All-American list. Posting a 2.9 combined GPA, the men's team was the only Big 12 team on the list.

12: Tigers qualified to compete at press time in the NCAA Mideast Regional Track and Field Championships May 25-26. Mizzou hosts the event this year for the first time, showing off the newly renovated Audrey Walton Track-Soccer Stadium.

731: Wins during 38-season career of Coach Norm Stewart, who will be inducted into the National Collegiate Basketball Hall of Fame in Kansas City, Mo., Nov. 18. Stewart led the Tigers to eight Big Eight Conference championships before retiring in 1999.

68' 2¹/₂": School-record weight throw in feet hurled by Elisha Hunt, junior from Linn, Mo., at the NCAA Indoor Track and Field Championships March 10, earning Hunt a fourth-place finish. Hunt sat out most of the 2006 outdoor season with a broken hip after a teammate accidentally clocked her with a hammer throw.



Grape expectations

Mizzou and Missouri are uncorking the wine industry's potential
Stories by Lisa Groshong, Photos by Nicholas Benner



Missouri's patchwork of soybean and corn fields is changing as trellises of grapevines sprout, hinting that more Missouri farmers have discovered grapes. It's a crop with the potential to make more money per acre than anything else that's legal to grow, paired with perks that include sampling the fruits of the vine. But this year's Easter weekend frost, which destroyed an estimated 95 percent of the state's grape crop, proves how unpredictable the business can be.

Bunches of MU alumni are involved in the Missouri wine industry. In fall 2006 at the Charleville Vineyard Winery and Microbrewery in Ste. Genevieve County, Mo., grapevines loaded with fruit crisscrossed the rolling hills. Jack Russell, BA '68, and Joal Charleville Russell, BS '69, own the vineyard.

Within the basic steps of winemaking — growing, harvesting, crushing, fermenting and bottling — lie myriad variables and potential disasters. Beyond Missouri's famously capricious spring, Cory Bomgaars, A&S '94, the winemaker at Les Bourgeois in Rocheport, Mo., says countless decisions go into every vintage he creates. "You're thinking about the taste of the wine before you ever plant," he says. "The minute you pick the grape, you start making decisions about how to deal with it."

Even in years with good harvests, Les Bourgeois buys grapes from around the state, so Bomgaars, who studied enology at the University of California–Davis, must find the right percentages of different varieties to craft each year's vintages. The process requires months of tweaking and tasting. The April 4–9 deep freeze will force Bomgaars to use last year's inventory and buy from states whose grapes escaped the frost.

Bomgaars isn't the only Missourian pondering wine, says Jim Anderson, head of the wine and grape program for the Missouri Department of Agriculture. "A lot of people who call are thinking about getting into grape growing."

It costs \$5,000 to \$15,000 an acre to start a vineyard, Anderson says, with full production after three to five years. "So don't quit your day job," Anderson warns. "Most growers start small and grow as their market grows."

It's hard to blame farmers for looking at vines and seeing dollar signs. In 2005, national wine sales grew to a retail value of \$26 billion, according to the Wine Institute, a California-based group that advocates for the wine industry. The institute reports that the U.S. wine and grape industries contribute more than \$162 billion to the economy each year.



Left: The arm of the picking machine dumps grapes into a wagon pulled by Josh Pehle. Pehle works at Les Bourgeois Vineyards, owned by Curtis Bourgeois, Arts '87, in Rocheport, Mo. Right, wine ages in barrels in the cellar of Hermannhof Winery in Hermann, Mo.

Missouri was once a major player. Hermann, Mo., has long been a wine powerhouse. Herman Jaeger, a vintner from Neosho, Mo., developed the root stock that saved the French wine industry from a devastating scourge of root louse in the 1880s. A monument at the Ecole Nationale Supérieure Agronomique in Montpellier, France, commemorates the event.

Unfortunately, Prohibition, from 1920 to 1933, destroyed Missouri's wine industry.

Since the 1960s, the industry has been bouncing back. Missouri has about 20,000 acres of wine grapes, and local winemakers are getting recognized on a national level. In 2005, *Wine Business Monthly* called Missouri's St. James Winery one of its five "hottest small brands." It was the only non-California winery named to that list in 2003, 2004 or 2005.

Jim Dierberg, BS '59, who owns three California vineyards and the Hermannhof Winery in Hermann, says Missouri's slow recovery after Prohibition gave California's industry a 40-year head start. But Missouri vintners are finding their way. "Missouri is finding the right grapes and the right way to grow," Dierberg says. "It's a work in progress."

Bomgaars concurs. His contacts in the Missouri industry suggest that about \$20 million in new winery construction is under way. When he joined Les Bourgeois 15 years ago, the company produced about 15,000 gallons of wine a year. Now, it's around 100,000 gallons — enough for 450,000 bottles.

Bomgaars is on the board of the Institute

for Continental Climate Viticulture and Enology (ICCVE), established at MU in fall 2006. The "continental climate" of the institute's name refers to the weather conditions shared by Midwestern states, unlike the Mediterranean-type weather found in California.

Like Eastern Europe, Missouri's main challenge is weather that swings from cold winters and late spring frosts to broiling, humid summers and from drought to flood, Bomgaars says. Growers must plant cold-hardy, disease-resistant varieties that can tough out the extremes. And winemakers must prepare for the occasional disaster. "You can't cry over frozen grapes," says Bomgaars, who hopes the 2007 fallow year will let his vines grow stronger. "Maybe next year we'll have a bumper crop."

While it can't do much about the weather, the ICCVE hopes to improve Vignoles grapes, which are prone to rotting because of their tightly packed clusters. One remedy may be to use a brush to sweep the flowering plants so that they produce less fruit.

Other projects include manipulating the woody canopy of Norton grapes to put on more fruit and harnessing information provided from weather stations to forecast infection periods and reduce pesticide use.

One early spring morning found Bomgaars deep into sensory trials before bottling. His afternoon called for tasting eight wines — another day at the office in one of Missouri's most alluring industries.



Tempting topics on tap

Institute launches winemaking research at MU.

Mizzou students' independent study on wine will shift from apartments to classrooms and laboratories this fall, thanks to the Institute for Continental Climate Viticulture and Enology (ICCVE), established at MU in fall 2006.

Dedicated to growing grapes and making wine, the institute is part of MU's Division of Food Systems and Bioengineering (FSB) in the College of Agriculture, Food and Natural Resources. Most of the institute's \$800,000 budget comes from the Missouri Wine and Grape Board, which manages funds from a 12-cents-per-gallon state tax on wine sales.

Along with educating growers across the region about the latest developments in viticulture, the ICCVE will teach graduate and undergraduate students how to grow

grapes in the Midwest's capricious climate, whose extremes in temperature can destroy traditional European grape varieties.

FSB Director Jinglu Tan says labor shortages and Missouri's weather challenges make it important for the state to conduct research and training to aid an industry that contributes millions of dollars to the state's economy.

By fall 2008, ICCVE Director Keith Striegler says classes should be in place for undergraduates to major in plant sciences with an emphasis in viticulture or food sciences emphasizing enology.

Students will learn how to make wine in an experimental winery Tan hopes to have running by spring 2008. Joining more than 90 existing wineries in the state, the operation will provide students experience in a teaching and research lab modeled

after Buck's Ice Cream Place. Space is designated for the winery in the Ag Engineering building. "We need to come up with a name," Tan says. "Maybe Tiger something."

On the viticulture side, the institute has established experimental vineyards in southern Missouri, and plans call for test plots closer to Columbia, possibly at MU's South Farm at 3600 E. New Haven Road. The institute also partners with local commercial vineyards to study established plants.

As for enology, Missouri Senate Bill 725, passed in 2006, gives students permission to sample the products of their labor. The legislation allows supervised culinary students 18 and older to taste beer, wine and other beverages as part of culinary courses. They're supposed to sniff, swirl and sip — then spit.





Missouri wine recommendations

Missouri winemakers use a variety of blends to produce their award-winning wines, though they lean heavily on the state's two trademark grapes to produce some of its most distinctive and celebrated wines.

Norton, also known as Cynthiana, became Missouri's official state grape in 2003. Norton is an adaptable and self-pollinating red grape that has been cultivated since the 1830s. Norton grapes produce full-bodied and deeply colored wines with earth tones and berry and spice flavors. Missouri vintners appreciate Norton's hardiness and adaptability.

Missouri's star white varietal is Vignoles. Vignoles is a French-American grape high in sugar and acid that can be used to produce everything from dry whites to sweet dessert wines.

Glenn Bardgett, wine director of Annie Gunn's restaurant in Chesterfield, Mo., recommends the following:

- Adam Puchta Winery's Traminette, a gold medalist in the 2006 Missouri Wine Competition
- Les Bourgeois Vineyards' Solay dry white
- Augusta Winery's 2004 Vignoles, winner of the 2006 Governor's Cup
- Stone Hill Winery's Vignoles, which won "Best of Class" at the 2006 Missouri State Fair

Doug Frost, a master sommelier and master of wine in Kansas City, Mo., says every winery on his list produces a good Norton, particularly the Adam Puchta Winery. Some other delicious vintages include:

- Les Bourgeois' Chardonel (reserve bottling), which Frost calls "one of the best in the state, along with Crown Valley Vineyards and Stone Hill"
- Stone Hill Winery's Late Harvest Vignoles, plus the dry Vignoles from the Stone Hill, Augusta and Mount Pleasant wineries
- Augusta Winery's "first-rate" Seyval Blanc
- Montelle Winery's Chambourcin
- Adam Puchta Winery's Traminette

Opposite page, clockwise from top left:

Norton grapes produce some of Missouri's most distinctive wines. Drew Lemberger, A&S '91, cellar master at Les Bourgeois Vineyards in Rocheport, Mo., finishes bottling the 2006 St. Vincent Dry Rosé, one of the winery's limited edition vintages. Lemberger wheels a wagonload of grapes to be crushed. Derek Edgell, left, and Frank Gordon sort leaves and sticks from grapes as they roll off a mechanical harvester. This page, right: Lemberger looks into a crusher and de-stemmer. The machine separates the fruit from the stems.

Homegrown vintners

Several MU alumni are principals in Missouri wineries. They include:

Charleville Vineyard
Ste. Genevieve, Mo.
Jack Russell, BA '68
Joal Charleville Russell, BS '69

Claverach Winery
Eureka, Mo.
Gary Hilmer, BS PA '71

4-M Farms and Vineyards
St. James, Mo.
Donna Rippelmeyer, MSW '93
The late Marvin Rippelmeyer, BS '66

Hermannhof Vineyards
Hermann, Mo.
James Dierberg, BS '59

Les Bourgeois Vineyards
Rocheport, Mo.
Curtis Bourgeois, Arts '87

Sugar Creek Winery and Vineyards
Defiance, Mo.
Becky Graham Miller, BS Ed '63
Son Chris Lorch, BA '94



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Wineries attract tourism dollars

The “Sideways effect” following the 2004 hit film sparked an explosion in Santa Barbara, Calif., wine country tourism and turned Pinot Noir into a movie star. The Santa Barbara visitors bureau printed 40,000 maps tracing the main characters’ wine-tasting route for swarming throngs of movie fans.

Nationwide, wineries get about 30 million visitors a year, accounting for roughly \$2 billion in tourist spending. MU faculty members are looking at ways to increase Missouri’s share of those dollars.

Jim Dierberg wants some of the thirsty tourists to choose Hermann, Mo., a town he thinks can compete with California’s top wine destinations.

“Hermann is the best-kept German settlement in the United States,” he says. “But it should be better recognized. It’s something that I would like to preserve.”

Hermann has been a hub of Missouri’s wine industry since members of the German Settlement Society founded the town in 1836 and began growing grapes on the hilly, rocky land. By 1869, half the wine produced in the U.S. came from Hermann.

Prohibition, which lasted from 1920 until 1933, crushed Missouri’s wine industry. It wasn’t until 1965 that Hermann’s Stone Hill Winery reopened, generating a rebirth that turned Hermann into a reluctant party magnet.

Today, Dierberg, BS ’59, is spearheading a family-friendly renaissance. Dierberg, whose brother Bob Dierberg, BS BA ’61, owns the eponymous grocery chain, is chairman and retired CEO of First Bank. Like Hermann’s founders, the Dierberg family

traces its roots to Germany.

Since opening the Hermannhof Winery in 1978, Jim Dierberg has used his entrepreneurial acumen to help Hermann become a tourist draw that evokes the old country without subjecting visitors to trans-Atlantic flights or slogs through airport security. Instead, Hermann’s amenities lie 55 miles west of Dierberg’s hometown of Creve Coeur, Mo., a suburb of St. Louis, making Hermann an affordable destination even if gas seems to cost more than Gewürztraminer.

Dierberg, who also owns three vineyards in Santa Barbara County, Calif., has spent millions restoring Hermann. He owns the city’s Festhalle, which hosts holiday festivals and craft fairs. He has renovated dozens of upscale guest rooms and backed his daughter and a partner in turning a former MFA grain elevator into a restaurant and brewpub. He is renovating one of the town’s oldest homes and is creating a 175-acre living-history farm that will produce artisan cheeses and allow visitors to experience 1800s life as Hermann’s first German settlers did.

Recently, Dierberg gave \$200,000 to East Central College in neighboring Union, Mo., to set up a music and arts program. This summer the college launches a festival that takes place the weekend of June 8, featuring free jazz and classical music concerts and a juried art exhibit.

Efforts like Dierberg’s could do much for tourism, the state’s most lucrative renewable resource. In 2005, tourism brought to Missouri about 38.8 million people who spent roughly \$8 billion, according to a

report on the economic impact of the tourism industry by Michael Kaylen, associate professor of agricultural economics.

Missouri’s wineries are a key factor in drawing tourism because of their cachet and romance, says Elizabeth Barham, assistant professor of rural sociology.

Barham believes the state has tourist draws beyond the big cities and Hermann. She directs the Missouri Regional Cuisines Project, which seeks to organize producers, retailers and agri-tourism venues on a wider regional basis. The project draws on her experience studying in France, where wine production is closely tied to the region where the grapes are grown and the food and culture that go with it.

Barham says regional wine tourism will continue to grow because it offers Midwesterners a way to stretch their travel dollars while indulging in a popular luxury product in a friendly setting. “I don’t think it’s just a trend,” she says. “I think it reflects a sort of gathering shift in American food tastes.”

An initial phase of Barham’s project mapped a six-county area in the Mississippi River Hills of eastern Missouri, where Barham is encouraging collaboration among agri-tourism businesses and the government and University offices that assist them. The map shows 200 historic sites, B&Bs, U-pick farms, wineries and other attractions in Jefferson, Ste. Genevieve, St. Francois, Perry, Cape Girardeau and Scott counties. The goal: to help the entire state’s tourism industry flourish as part of the University’s land-grant mission.

“We have a lot of lovable places in Missouri,” she says. “This project is a way to leverage getting people to work together to promote them.” ■

To order a copy of the Mississippi River Hills map, go to: extension.missouri.edu/explore or call 800-292-0969. For more information about Hermann’s Taste of the Arts Festival June 8–10, visit www.hermannmo.info.

Opposite page, clockwise from top left: An antique grape press stands guard at Charleville Vineyard in Ste. Genevieve, Mo. Missouri’s German settlers brought winemaking experience and equipment from the old country. Myra Hollenberger of Sugar Creek Winery in Defiance, Mo., pours a sample of Cynthiana for Bill and Delores Hoffmann from O’Fallon, Mo. Jim Dierberg, BS ’59, is turning these historic buildings into guesthouses in Hermann, Mo., as part of his plan to preserve Hermann’s history. To learn more, Dierberg recommends reading Charles van Ravenswaay’s *The Arts and Architecture of German Settlements in Missouri: A Survey of a Vanishing Culture* (University of Missouri Press, 1977). Cherie Vollmer and Rodney Washington of New Haven, Mo., enjoy fall scenery at Stone Hill Winery in Hermann, Mo.

Green research

Investigators put science to work.

Story by Angela Dahman
Photos by Nicholas Benner

MU's colors may be black and gold, but don't tell researchers Zhimang Gu, Galen Suppes and Judy Wall. They come from different disciplines, but their research shares a green theme: Save the environment. Here's how each one is contributing.

To catch a poison

Murder-mystery novels have long established arsenic's reputation as an undetectable poison. In the 1990s, the real-world focus shifted to Bangladesh. Highly contaminated well water there exposed an estimated 57 million Bangladeshis to arsenic levels above the World Health Organization's guideline of 0.01 milligrams per liter (mg/L).

Closer to home, the U.S. Environmental Protection Agency in 2001 lowered the acceptable level of arsenic in drinking water from 0.05 mg/L to 0.01 mg/L. Water treatment companies protested along with the Canadian government, which exports water to the U.S. "If you use traditional methods, it is hard and expensive to remove arsenic from drinking water," says Zhimang Gu, a postdoctoral fellow in the Water Resources Research Center. "Some companies have to pay much more money to treat water."

Gu studies a technology similar to a home Brita filter, in which water is forced through a black, granular substance composed mostly of activated carbon. Filtration occurs when the substance adsorbs the impurities, which stick to its surface like a magnet.

Porous materials are more efficient because they can pick up more impurities, like a sponge. The smaller the pores, the more surface area gained, but there's a limit. If the pores are too small, the impurities can't fit inside.

Based on previous studies, Gu chose to focus on iron-containing ordered mesoporous carbon, a material with consistently sized pores that is highly effective at picking up arsenic. After testing other researchers' "recipes," Gu developed a more cost-effective and efficient way to create the material.

Gu presented his newest findings at the annual American Chemical Society's national meeting in Chicago this year. He hopes to continue researching possible uses for ordered mesoporous carbon, including the ability to remove contaminants from the air.





Water should be pure to the last drop. Zhimang Gu, a postdoctoral fellow in MU's Water Resources Research Center, experiments with materials that can remove arsenic from water.

Chemical Engineering Professor Galen Suppes won a 2006 Presidential Green Chemistry Challenge award for helping make biodiesel production more profitable. His technology converts an unwanted byproduct into a chemical that can be used in antifreeze.



Saving greenbacks with 'green' chemistry

Biodiesel — made from surplus vegetable oils, fats and even leftover restaurant grease — may help solve our nation's dependency on foreign oil. It is a politically popular product but not yet a cost-effective diesel substitute. Galen Suppes, professor of chemical engineering and co-founder of Renewable Alternatives, is trying to make biodiesel production cheaper by making its byproducts more marketable.

Suppes develops products made from renewable materials to replace those made from limited fossil fuels. Recently, he came up with a more efficient way to turn glycerin, an unwanted byproduct of biodiesel production, into a nontoxic substitute for the commonly used ingredient in antifreeze. This development netted him national recognition, including a 2006 Presidential Green Chemistry Challenge award.

About 1 pound of glycerin is created with every 9 pounds of

biodiesel produced, and experts predict there will be anywhere from 1 billion to 1.5 billion pounds of excess glycerin in the U.S. by 2012. "Right now, glycerin is a burden — producers are lucky to get 4 cents per pound for it," Suppes says. "By introducing green chemistry for conversion, we can create a much better value and help reduce the price of biodiesel production."

To do this, Suppes' team studied chemical catalysts for conversion at lower pressures and temperatures than in previous methods. Their more efficient process converts crude glycerin to propylene glycol worth 60 cents per pound.

Suppes says his research is just the beginning of a new generation of green and sustainable chemistry that will replace products made from petroleum. Next on his research agenda: finding more uses for glycerin, creating activated carbon from corncobs and making foam from soybeans.

Harnessing the power of bacteria

Desulfovibrio desulfuricans smells like rotten eggs. But there's nothing rotten about this bacterium's potential for cleaning up uranium-contaminated sites and preventing the spread of toxic waste into human water sources. According to the U.S. Department of Energy (DOE), more than 7,000 U.S. sites are contaminated by uranium and other dangerous wastes primarily due to research, development and testing of nuclear materials before the Cold War ended. The DOE estimates groundwater contamination has already occurred at more than 60 percent of these facilities.

That's why Judy Wall, professor of biochemistry, has spent the past 22 years researching stinky bacteria. Under the right conditions, *D. desulfuricans* can reduce uranium from a water-soluble state to an insoluble compound, causing it to separate from the water. The insoluble mineral, uraninite, can then be collected and disposed of more easily.

But bacteria are finicky. Lack of food, fertilizer or water, or having to compete with another organism for energy can cause stress and may decrease *D. desulfuricans*' uranium-busting ability. "Before we can harness its power, we've got to know what makes the horse go," says Wall.

To figure out how *D. desulfuricans* works, Wall and a team of seven MU researchers are creating genetic mutations and studying enzymes essential to metabolism. This work will help them determine which genes do what and how they respond to stress.

The results are promising. Wall's team has already confirmed the function of an iron-metabolizing gene and identified part of the sulfate-reducing complex, which is critical to how the bacterium gets energy. She expects to have completed mutation of 75 percent of the genes within 36 months, which will shed even more light on how *D. desulfuricans* functions. ||

Biochemistry Professor Judy Wall's research will help use the power of a stinky bacterium, *Desulfovibrio desulfuricans*, to clean up uranium-contaminated sites.



Extreme make

S-65

Grade
S-60



e over

Story by Lisa Groshong
Photo by Rob Hill



Multiple projects renovate landmark buildings and create new space for teaching, research and health care.

Graduates often pose in their mortarboards and grin for the camera in front of the Columns, but families had to get creative with their snapshots this spring. The most iconic landmark in town is blocked by chain-link fencing and construction trailers. The north half of Francis Quadrangle has become a temporary staging area for construction of the \$20 million Donald W. Reynolds Journalism Institute, scheduled for completion in June 2008, just before the Journalism School's centennial celebrations. A new building under construction will link Walter Williams Hall and the former Sociology Building, which are both being renovated to repair crumbling bricks and reconfigure floor plans (See map on Page 34).

Some of MU's most visible building projects have campus growing south to support sports and sciences. A renovation and addition wrapped up this spring at the athletic department's training facility. Meanwhile, the first phase is under way on a major construction project at the University Hospitals and Clinics complex.

Known as the Southeast Gateway, the area bordered by Hospital Drive, College Avenue, Stadium Boulevard and Monk Drive is the epicenter of the campus building surge. Officials hope to complete more than \$200 million in improvements by 2010. Part of the plan includes razing University Terrace apartments beginning July 1. Workers will excavate the site to expand and upgrade utilities to support the hospital's expansion. To replace the Terrace's units for married students, MU bought the Tara Apartment complex for \$15.7 million in January.

Plans call for University Hospital to build

a replacement hospital on the footprint of the current one by 2020, while maintaining services without disruption. The existing facility, which opened in September 1956 and now serves patients from every county in the state, has become technologically obsolete. The building's floor-to-floor height is too short to install equipment appropriate for Level-I trauma hospitals.

Meanwhile, the arts draw campus north with a partnership among MU, the City of Columbia and Stephens College. Boston firm Sasaki Associates developed a proposal for downtown and north-campus development that would include jazzing up the Avenue of the Columns, extending Elm Street to College Avenue, and building a hotel and conference complex and an MU Performing Arts Center.

Jackie Jones, vice chancellor for administrative services, says it makes sense to nurture connections among the three partners. An MU arts complex could provide a logical bridge between arts, education and entertainment, helping anchor a revitalization process that would draw people to downtown Columbia.

At a time when MU is undergoing its biggest growth spurt since the campus was first built, Jones says, planners must work to preserve the history that gives MU its character. "Instead of just relying on new building, we need to remember the old parts of campus," such as Francis Quadrangle and the White Campus, Jones says. "We need to keep the core area vital." To that end, major renovations and additions are under way for a number of core-campus buildings, including Schweitzer and Lafferre halls.

More about Mizzou's building plans:
cf.missouri.edu/masterplan/intro

Construction of the Donald W. Reynolds Journalism Institute cost about \$600,000 less because Sircal-Kozeny-Wagner Inc. is staging its materials and equipment on Francis Quadrangle instead of off-site. This temporarily changes the view of what some claim is the most photographed spot in Missouri. When the work is complete in June 2008, the Quad's landscaping will be restored.



1. Reynolds Journalism Institute

A \$31 million gift from the Reynolds Foundation financed a major School of Journalism project. The \$20 million Donald W. Reynolds Journalism Institute will incorporate a renovated Sociology Building, Walter Williams Hall and an addition that connects the buildings. The institute will serve as a hub for the School of Journalism's center for "new media" — communication enhanced by digital technology.

See construction in action: journalism.missouri.edu/webcam
September 2005 – June 2008

2. Missouri Theatre Center for the Arts

Renovation is set to begin Aug. 1 on the historic Missouri Theatre at 203 S. Ninth St., opened in 1928 and recently reborn as the Missouri Theatre Center for the Arts. The \$6.67 million project will refurbish the auditorium, create a gallery and classroom for the Columbia Art League, and overhaul the retail space now occupied by shops including Allen's Flowers and Acorn Books.

August 2007 – June 2008

3. Proposed Performing Arts Center (rendering not available)

Still in the planning stage is a proposed Performing Arts Center and School of Music facility that would include a 1,000-seat concert hall for academic events, University gatherings and performances on the site of the current Fine Arts Annex, home of the Corner Playhouse at University Avenue and Hitt Street. Supporters hope to secure private funding for the \$82 million facility and \$26 million for the renovation of the current Fine Arts Building, which will house theater and art.

Still in planning stages; no dates set

4. Schweitzer Hall addition

A \$10 million addition to the south side of the building will house lab, office and support space for seven faculty members, departmental offices and an 800 megahertz nuclear magnetic resonance facility. The project, funded by a \$10 million bond and \$75,000 from MU's department of biochemistry, will include a connecting bridge to the Schlundt Hall Annex to consolidate campus biochemistry research efforts.

September 2006 – November 2007

5. MU Student Center/Brady Commons expansion

Brady Commons will stay open throughout a \$59 million reconstruction of the building, paid for by student fees and the Division of Student Affairs. The first project, beginning in July 2007, will add about 102,000 square feet of new space to the east side of the current building. The second project, from January 2009 to November 2010, will gut and rebuild the existing structure. This will increase space for student services, government, clubs and organizations, as well as study and lounge space and an expanded arts and media center.

Project One: July 2007 – October 2008

6. Lafferre reconstruction

Lafferre Hall, formerly Engineering Building East, starts a \$20.9 million renovation in August 2007 using a \$2 million federal grant and a \$18.9 million loan. Bordered by Francis Quadrangle and Sixth Street at the east end of Stewart Road, the sprawling building contains additions from 1892, 1922 and 1935. The renovation will replace 25,000 square feet of space with 60,000 square feet in a new three-story building.

August 2007 – August 2009





7. Mid-campus Housing Project

User fees will fund the \$58.5 million Mid-campus Housing Project, which will give Residential Life a net gain of 326 beds and administrative space. It will replace the current Baker-Park and Gardner-Hyde residence halls west of Hitt Street. The project also includes renovating Defoe and Graham halls.

Summer 2007 – May 2009

8. Surgery tower

A surge in surgery volume has University Hospital capacity stretched to the limit. Construction, paid with hospital funds, is set to begin in summer 2008 on a \$150.2 million surgical tower that will provide 15 new inpatient operating rooms and space for more beds and technology. MU's Campus Master Plan calls for a health sciences research and education building just east of the tower.

Summer 2008 – Mid 2010

9. Parking garage

To replace the parking garage where the new surgery tower will be constructed, MU will build a \$25 million, 2,000-space garage at the corner of Monk and Hospital drives. Half of the spaces will be for hospital parking. The rest of the spaces will be for staff, students and special events. Parking revenues will fund construction.

Summer 2007 – Spring 2009

10. Orthopedic center

The hospital project's first phase includes funding a \$45 million orthopedic institute on Monk Drive. The center will provide outpatient operating rooms, imaging services, clinics, space for research, physical and occupational therapy facilities and short-stay beds.

Summer 2008 – Fall 2009

11. Mizzou Student-athlete Academic and Training Facility

An addition and renovation totaling 93,000 square feet, located at Stadium Boulevard and Providence Road, improved the strength-and-conditioning area, dining and kitchen areas, football offices, locker rooms and academic resource center. The \$16 million cost was partly funded by the Kansas City Sports Trust and private donors.

October 2005 – February 2007

12. International Institute for Nano and Molecular Medicine

Located in Research Park near the MU Research Reactor, the \$10 million facility, funded with \$8.9 million in bonds and \$450,000 from the School of Medicine, will provide lab and support space for research teams from various disciplines studying the use of nanoparticles in fighting disease.

November 2006 – November 2007

13. MU Life Science Incubator at Monsanto Place

The 33,000-square-foot building located east of the MU Research Reactor will be leased to individuals or companies who develop products discovered through MU research. The \$9 million project is financed with \$3 million from the federal government, \$3 million from MU and \$3 million in community and private contributions.

Phase I: May 2007 – April 2009

14. National Swine Resource and Research Center

The 20,634-square-foot building located southeast of the Animal Science Research Center on East Campus houses up to 250 swine plus laboratories and surgical suites. Its \$8.3 million cost was covered by \$10 million in research and construction grants from the National Institutes of Health.

April 2005 – Summer 2006



15. Regional Biocontainment Laboratory

This 31,000-square-foot building, located southeast of the National Swine Resource and Research Center on East Campus, will include research laboratories, a small-animal vivarium, small-animal necropsy rooms and research-support areas. The \$18.4 million facility, funded in part by a \$13.4 million grant from the National Institute of Allergy and Infectious Disease, will also include

biocontainment space for research and training on bioterrorism pathogens.

November 2006 – April 2008

Architectural illustrations courtesy MU Campus Facilities; The Architects Alliance (Missouri Theatre); and Cannon Design (University Hospitals and Clinics)

Point-source

Photos by Rob Hill and Nicholas Benner

Environmentally savvy students take action locally.

Kids are skipping rocks on Hinkson Creek, across from a rope swing over a deep hole. Dogs swim here, kayakers paddle by and an occasional angler wets a line. But since 2002, Hinkson Creek has been on the state's list of impaired waters: It is unfit for aquatic life and whole-body contact.

What happened to Hinkson is happening all over, and not just to water. People are using and abusing resources, such as clean water and air, at unprecedented rates.

Students at Mizzou are doing their part to rescue resources by getting to the root of the problem: people's behavior.

Social scientist Michele Baumer measures people's attitudes toward resources; journalist Rebecca Townsend reports on the health of those resources; and advocate Adam Saunders motivates people to act in their behalf.

Plans for the planet

Although he was just 4 or 5 years old at the time, Adam Saunders still recalls a magical scene that took place on his back porch in Springfield, Mo. "One of my parents brought home a caterpillar. I watched it make a cocoon, and later it hatched into a monarch butterfly." It's nothing that millions of other kids haven't seen, but for Saunders, it was his environmental epiphany, the moment when he knew the natural world would be his passion.

Now a senior studying forestry and statistics, Saunders has long since thrown off any cocoon that may have sheltered him from concerns of the world. As a leader in helping create a more sustainable campus and community, he sees his concern for

nature in a big-picture way. "For me, the environment is something I understand well. This is my niche. But I don't limit myself. The environment is also an issue of social rights, civil rights and health. It's all these things tied together."

Saunders puts his big ideas into practice. For starters, he is part of Sustain Mizzou, a group of student volunteers who

Students at Mizzou are doing their part to rescue resources by getting to the root of the problem: people's behavior.

organize and work for numerous projects. The group supplies workers for massive recycling efforts after home football games, supports a regional food bank by donating locally grown produce, and publishes an environmental news magazine.

This spring, Saunders worked with other campus groups to organize Spring Bike Fest, which was aimed at reducing car traffic that the University generates by offering free bicycling advice and safety gear.

"A lot of people have bikes, but if they have minor problems, things that can be fixed in five minutes, the bike just sits there," Saunders says. "For instance, I don't know how to adjust my brakes. It's embarrassing. I need to learn how to do that." So on April 10 and 11, bike mechanics set up shop at Lowry Mall and started tuning up two-wheelers for the good of the planet. Nearby, booths offered information on

safety and health related to biking.

Saunders' grand dreams include someday owning a company that would take farmland in Missouri's Bootheel and reclaim it for wildlife, wetlands and recreation. But for now he is thinking globally and acting locally through Sustain Mizzou. He hopes his legacy at MU will be a bigger and more robust Sustain Mizzou that takes on ever larger projects on an ever greener campus. "I want to keep environmental issues front and center at Mizzou," he says. — Dale Smith

Small habits, big change

The 18-mile stretch of Hinkson Creek that flows through Columbia is impaired by nonpoint-source pollution — biospeak for runoff from parking lots, lawn chemicals, road salt and everything else that flows downhill. Would Michele Baumer let her two sons, ages 8 and 10, swim in it?

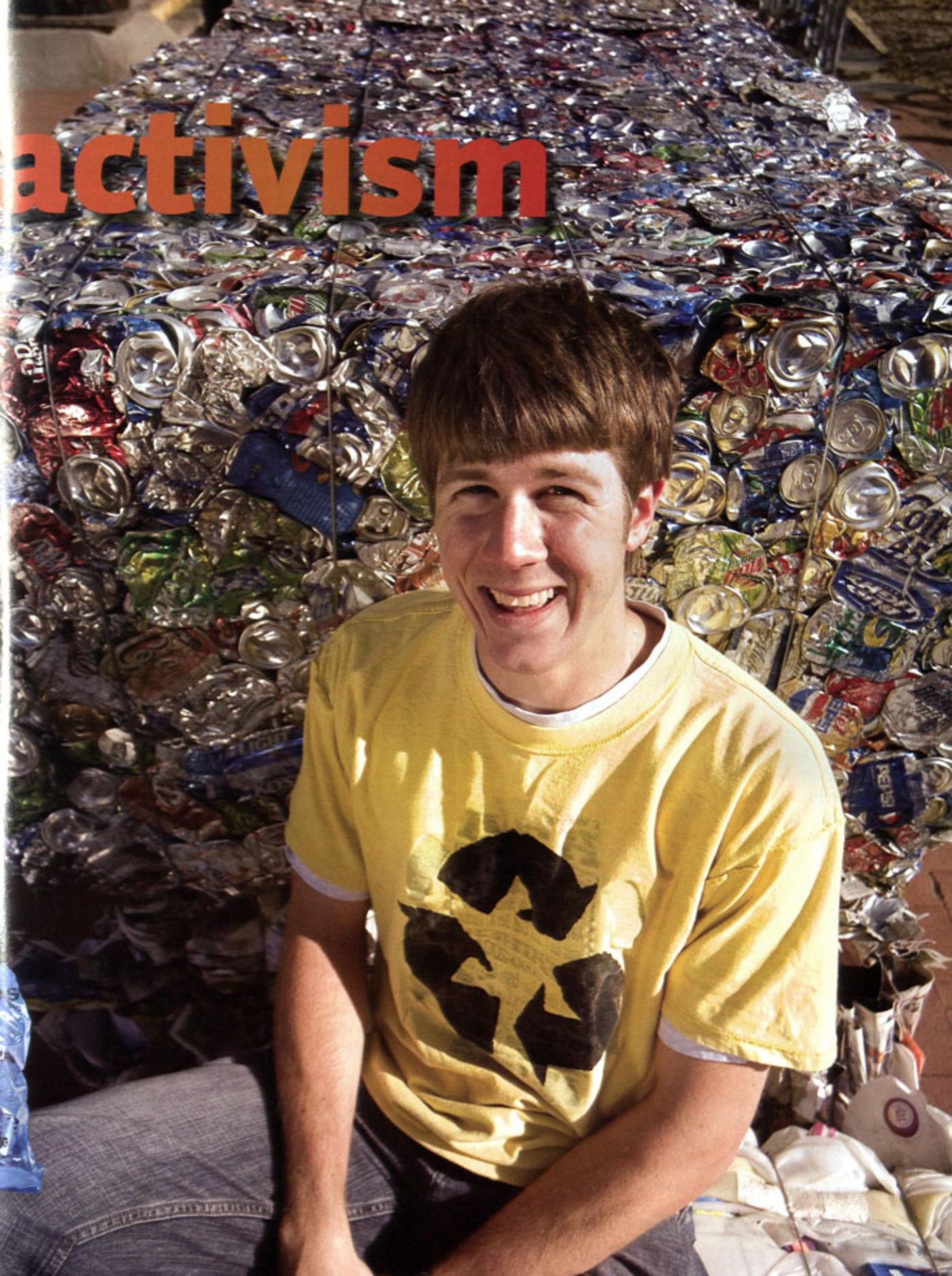
"Wade, yes. Swim, no," says Baumer, who conducted a survey of 10,000 residents who live in the Hinkson Creek watershed. The survey tried to gauge knowledge and attitudes about the creek so planners, regulators and educators can work together to improve its water quality.

The survey combines two of Baumer's passions: people and natural resources. Her degree in fisheries and wildlife launched her first job as a naturalist at a conservation area outside St. Louis

Adam Saunders is a leader of Sustain Mizzou, a student group dedicated to creating an ever greener campus through recycling projects and supporting locally grown produce.



activism





Columbia's Hinkson Creek may again become an outdoor playground if people who live in its watershed care enough to save it. Michele Baumer, a graduate student in rural sociology, applies the science of understanding people to pollution problems. "We know the biology," Baumer says. "Now we need to know how to motivate people to stop polluting."

in 1989. In that rapidly developing area, she watched the stream where she conducted wildflower tours erode and degrade.

"I absolutely loved my job, but I began to wonder if there was another way to reach people with a conservation message," Baumer says. "I'm trying to blend the biological science with the social science to see if that can help natural resources."

She enrolled as a graduate student in rural sociology at MU. Hinkson Creek caught her attention because north of Columbia it is still relatively pristine, turning into a chemical stew only as it winds through the town. She wondered if the people who lived within its watershed cared enough to save it.

Survey results are reservedly optimistic. Most respondents don't know the term "nonpoint-source pollution," but 85 percent believe small changes in habits affect water quality. Almost 70 percent know Hinkson Creek is polluted, and 94 percent believe in improving water quality through education.

The results posed more questions for Baumer: "They believe it, but do they do it? Who needs to be educated? How do we reach them?"

When her survey hit mailboxes, she was inundated with 120 phone calls and 80 e-mails. She answered them all and learned a lot in the process. One 94-year-old resident said the creek had improved immensely since he farmed near it 60 years ago when it stank from sewer discharges.

She conducted focus groups among 64 residents from rural, urban and suburban areas and learned that rural residents were relatively savvy about the importance of buffer zones along streams. Many urban and suburban residents were surprised to learn the stream was polluted by urban runoff, not agricultural wastes.

Baumer hopes her study will guide environmental educators, city planners and state regulators, eventually rescuing Hinkson Creek from pollution. Her sons may get to swim there yet. — *Kathy Love*

The world without spin

Journalism student Rebecca Townsend was serving her stint at the *Columbia Missourian* when she got an unlikely tip from assignment editor John Schneller: Look into sewers.

The article that resulted from her investigation on sewer permits scored a perfect trifecta. Three media outlets — print, radio and TV — publicized her story of how one-fifth of all sewer districts in the state operate on expired permits, including those in Boone County.

Townsend also discovered that the Department of Natural Resources (DNR), the state agency responsible for clean water, was taking inspectors who are supposed to monitor sewer districts out of the field to process permits, resulting in less oversight of leaking sewers.

Townsend, a graduate student with a focus on environmental and investigative reporting, says it is getting harder for

the general public to understand these issues. "Much of the information is highly technical, and there are so many people trying to spin it."

Her parents taught her to leave the world cleaner than she found it, and she attended a progressive high school in Bloomington, Ind., where students were expected to recycle. She learned about the complexity of environmental issues by writing for an agricultural newspaper in Indiana.

"Too often, people are so loud on either side of an issue, they drown out the truth," Townsend says. "I was more interested in exploring different sides of a story. It's important to understand nuances."

The sewer district story is a good example. She was impressed by the professionalism of the Boone County sewer district and learned that the DNR was too short-staffed to both process permits and inspect sewers.

"If people are too quick to draw lines, you can't accomplish anything for the environment," Townsend says. "You don't have to be an activist. Just invest yourself in your community."

Her research required her to spend hours poring over sewer permit applications and put her in touch with community and agency leaders. Why go to the trouble? "Environmental reporting isn't just about the scare of the day," Townsend says. "The journalist's role should be to consistently assess the health of the environment and let people know what you find." — Kathy Love III

Journalism graduate student Rebecca Townsend discovered that one-fifth of all sewers in Missouri were operating on expired permits. "Citizens need independent information, not spin," she says. "The journalist's job is to get out in the environment and learn the truth."



Heels and wheels

PedNet encourages the Columbia community to reduce its dependence on cars.

Story by Kathy Love

Photos by Rob Hill



Fred Schmidt and Corri Flaker, a senior parks, recreation and tourism major, survey a "biker's bottleneck" at Providence and Stewart roads. They hope to unplug it as part of their work for PedNet and the city.

Ted Curtis envisions a future when Columbians will reach for their bike locks instead of their car keys. They will venture out on a citywide hiking and biking trail system called PedNet. Need a loaf of bread? Take PedNet. Heading to work? Take PedNet. Off to a movie? Take PedNet.

Curtis leads the city's effort to build PedNet. His vision of the future is made possible by a \$22 million federal grant to encourage nonmotorized transportation. Columbia is one of just four locations in the nation to receive the grant. The others are Marin County, Calif.; Minneapolis-St. Paul, Minn.; and Sheboygan County, Wis.

The purpose, Curtis says, is to provide transportation choices and cultivate a culture change. "Right now, people think they have

one choice — to get in their cars and drive.

"Columbia is basically a demo project," Curtis says. "If we can replace one out of 10 car trips with a nonmotorized trip by

'When we travel, Columbia's trail system is one of the things we brag about to others.'

— Todd Shelby

2010, we will have been successful. Then the next grant round may provide funds for 50 communities, using Columbia as a model."

Curtis traces his biking interest to the energy crisis of 1974. Long gas lines

encouraged him to bike 13 miles to his job as an aerospace engineer with McDonnell Douglas in St. Louis. When gas prices dropped, he continued to bike to work for health and recreation.

Couchless in Columbia

The PedNet project offers the opportunity to measure how a city's infrastructure affects the activity level of its residents. Steve Sayers, assistant professor of physical therapy in the MU School of Health Professions, says physical activity has been engineered out of our daily lives.

"We have an obesity epidemic in our country," Sayers says. "More than 64 percent of adults are overweight, and 30 percent are obese. Much of the problem can be linked to the sedentary lifestyle of modern society



and our lack of physical activity." His study will use telephone surveys to determine activity levels before construction and after completion of the PedNet project.

"Let's face it, we'll always be a car society in our lifetimes," says Curtis, who helped set up the popular St. Louis walking and biking system known as Trailnet. Our motorized society, which burns fossil fuels and emits carbon dioxide at rates much higher than any other nation, fuels his enthusiasm for pedal power.

Incremental habit changes

"How can we hope to make a difference on such huge issues as global warming? By a lot of people doing a little bit — such as not getting in your car and driving," Curtis says.

If PedNet is to replace one in 10 car

trips by 2010 — what Curtis refers to as a "10 percent modal shift" — it will be due to the right combination of infrastructure and education.

PedNet's plan calls for 66 miles of bike lanes spread across the city. There are about 28 miles now. The backbone of the system will be bike lanes on existing roads. These invite users, Curtis says, and ease the fear factor for novice riders.

Other infrastructure changes will include:

- Shared-use paths for bikers and walkers,
- Bike boulevards in areas with little traffic,
- Bike routes designated by signs, and
- Improvements to sidewalks and intersections.

Just building the infrastructure won't ensure its use, though. PedNet plans a series of programs to kick-start behavior changes that will lead to less dependence on cars (See sidebar on Page 44).

"Education is just 10 percent of the budget, but it will create the buzz that gets people involved," Curtis says.

Nothing ventured, nothing gained

A fledgling business may benefit from the new infrastructure. Senior engineering major Brady Beckham of Joplin, Mo., hatched a business plan that won first prize in a new venture contest sponsored by MU's College of Business. He used his prize money to turn his plan into reality — a bike-based courier business.

Columbia Courier partners Steve Tinsley,

BA '06, of Liberty, Mo., and junior economics major Jason Key of Warrensburg, Mo., all raced together for Mizzou Cycling. They launched the business in February — not the best month for bikes — but business improved with warmer weather.

Tinsley says they are accustomed to riding long distances fast. "Getting paid for it is even better." They deliver anywhere in Columbia and believe biking is usually faster than driving. PedNet's bike lanes will boost business, Tinsley says.

Don Laird, MA '97, president of the Columbia Chamber of Commerce, says local businesses generally support PedNet's trail system plans. He bikes to work on weekends and enjoys the link from the MKT trail to downtown. Easy access to the MKT and Katy trails is a bonus for prospective home buyers, too, he says.

"Developers are coming around to seeing the advantages," Curtis says. Two new suburban developments, Bear Creek and Bedford Walk, in north and south Columbia, have internal trails that will link with PedNet.

New residents Todd Shelby and Karen Pritchitt decided to move to Columbia in large part because of the trail system. They brought their pottery business here from New Mexico and use their Columbia home as a base from which to travel to art shows throughout the Midwest. "When we travel, Columbia's trail system is one of the things we brag about to others," Shelby says. "What I like most about it is the way it connects you to nature. You can be buying bread downtown one minute, and walking by a creek and woods the next."

When Columbia is mentioned in the pages of *Money* magazine or ranked among the top 10 most livable cities in the U.S., the articles usually cite reasons like lots of green space and places to recreate. "Things sell by word-of-mouth," Curtis says. "When people talk about those cities, they have an image of progressive, dynamic towns that draw young people. Columbia is already in that league." ■

The low-car diet

You may not have walked 10 miles to school like your parents or grandparents, but there's a 40 percent chance you did walk to school. Today, just 15 percent of children walk; the others hop on a bus or get their personal chauffeurs — mom and dad — to drive them.

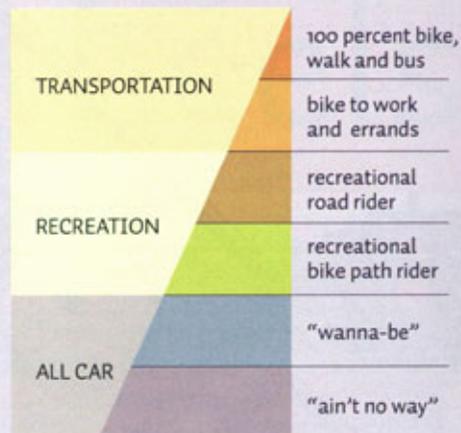
PedNet is using the "walking school bus" concept to reverse that trend. It is simple and safe: Students meet at designated places and walk together — with an adult — to school. The students have nothing to lose but excess calories.

Nearly 20 Columbians went on the Low Car Diet in 2006, swearing off cars for the month of October. Families on the Low Car Diet biked to work, school and stores. Being carless didn't eliminate their travel, though: Tim and Gina Overshiner and their two children went camping on the Katy Trail and canoeing on the Missouri River.

Other planned programs to entice people to leave their gas-guzzlers at home:

- Earn-a-bike program — children learn to fix donated bikes, then get to keep them
- Bike buddy — provides coaching and companionship for new riders
- Bike, walk and wheel week — encourages carless transportation for a week
- Bike rider lottery — gives \$100 to a lucky rider picked at random

Steve Sayers says concepts like the "walking school bus" behind him can help reduce childhood obesity and cultivate good habits in the next generation. Sayers is an assistant professor of physical therapy.



PedNet boosts riders up the car-dependent pyramid by providing classes and programs to build confidence.

SCHOOL





Safety first

Will an increase in bike traffic mean more biking accidents?

In 1990, Portland, Ore., recorded 180 biking accidents. Over the next 15 years, bike traffic quadrupled, but the number of accidents remained about steady.

"Cars and riders learn to deal with each other," says Ted Curtis, director of Columbia PedNet.

Most accidents occur at intersections and turns. Visibility is the key to safe biking. Eight intersections in Columbia will be improved to enhance visibility. Designated lanes and novel street signs will also help bikers and drivers share the road safely.

More: Bicyclesafe.com or Bicyclinginfo.org

The PedNet Coalition

Columbia's pedal power started with people power — a coalition of volunteers looking for transportation choices. Chip Cooper, president of the PedNet Coalition Inc., says the group unveiled a plan for a citywide network of bicycle, pedestrian and wheelchair-accessible paths on the first Earth Day of the new millennium.

In 2003, they won a \$200,000 grant from the Robert Wood Johnson Foundation to jump-start biking education programs like the walking school bus. "We were making progress, but we assumed it would take decades to build the infrastructure," Cooper says. "Then lightning struck in July 2005 when a \$22 million federal grant was awarded to Columbia to build a nonmotorized transportation system."

More: PedNet.org or Gocolumbiamo.com/PedNet_project

The new Columbia Couriers company delivers documents, prescriptions or lunch anywhere in the city limits. They charge \$5 for a downtown delivery and up to \$8 to the far corners of Columbia. Partner Jason Key is a courier and the company accountant.



Barney Whitlock leads the Mizzou Alumni Association's Mizzou Legislative Network.

Photos by K&L/H&C



growing the roots of political power

Although few MU students, teachers and researchers would recognize his name, Barney

Whitlock has been one of their biggest advocates for years. During the past decade, he has been among the Mizzou Alumni Association's leaders when it comes to exerting grass roots influence on Missouri legislators regarding issues key to the University. For his service to higher education in Missouri, the association has given Whitlock, BS BA '63, one of three Geyer Awards in 2007. The other two went to Missouri state senators Charlie Shields, BS BA '81, MBA '83, of St. Joseph, and Chuck Gross, BS PA '81, MPA '82, of St. Charles.

Whitlock's volunteer work for MU is above and beyond his labor running Whitlock, Selim and Keehn, an accounting firm in Springfield, Mo., where he lives with his wife, Jackie Whitlock, BS Ed '62.

Whitlock's trade is accounting, but his from-the-ground-up advocacy work often turns him into an educator. His topic: Mizzou. "If you live outside of central Missouri, you find that too few people understand the importance of Mizzou to the entire economic well-being of Missouri," he says. "The research that goes on there and the grant money that comes with it has a

huge impact statewide." Whitlock also touts the fact that the University educates an important part of Missouri's workforce.

Marty Oetting, MA '92, director of governmental relations for the University of Missouri System, has counted on Whitlock's help for years in making the University's case to legislators and alumni. "Barney is always quick to get up to speed on issues and communicate them to legislators. I could always rely on him to get messages out and get feedback — not only in the Springfield area, but around the state."

Oetting says Whitlock has a gift for relating to members of both parties. He manages to keep working relationships with everyone, regardless of how contentious the issues become. "Somehow, he keeps the ship moving along," Oetting says.

Early days

Whitlock's work builds on the efforts of others, including former Missouri state Sen. Joe Moseley, BA '71, JD '76, of Columbia, who is vice president of public affairs for Shelter Insurance Co. Moseley was among the first alumni volunteers in the recent past to help organize alumni into a statewide network that could exert influence.

Starting in 1988, during Moseley's pre-Senate days, he and perhaps a dozen others

worked with University staff to make a list of influential alumni and tap into their power at key moments. The group was then called the Legislative Information Network and is now called the Mizzou Legislative Network. "We realized that we had well-placed alumni in every legislative district in the state and believed that the most effective way to make legislators aware of the resources at MU and needs at MU was through people with personal connections with them," Moseley says.

The connections came in various forms. "They might be former campaign managers or relatives or have their hair cut every Saturday in the same barber shop as a legislator," Moseley says. In any case, if they called a legislator's office about an issue, they'd have that lawmaker's ear.

Chancellor Brady Deaton echoes the idea. "Our alumni are one of Mizzou's greatest strengths when it comes to communicating the University's statewide impact to the legislature," Deaton says. "Alumni can play a critical role by supporting various candidates and involving legislators in alumni activities. They also help greatly by staying in touch with their legislators over time, as well as at specific moments when their influence can strengthen MU and our state."

Alumni ring in

Although Moseley and Whitlock are well-connected, they both stress that people don't need personal relationships with legislators to have their views heard. "Legislators represent their constituents and most want to be re-elected, so they will listen to the people they represent," Moseley says. As a former state senator, he has seen the process from the inside and the outside. The least effective attempts at influence are blanket e-mails and postcards, he says, because many of the people who submit these aren't truly committed to an issue. "What is convincing is when people with a well-reasoned message deliver it person-to-person on the phone or in a personal note," he says. "Anybody can do those things."

Gross agrees that it's a simple thing to get in front of a legislator — one time. The trick, he says, is stamina. "Public policy doesn't change easily or quickly. It's not supposed to," Gross says. That can frustrate

people who are eager for change. "They contact an official and say, 'I would like to see this happen.' When it doesn't happen, they leave upset or angry. But the people who understand the system go for it over the long haul. They know their ideas are in competition with millions of other ideas. So they call on a regular basis. However, that still doesn't necessarily mean they win. The goal should be to get your issues on the table so they can be discussed."

Although alumni have a vested interest in the University's issues, Moseley says legislators will pay attention to them because it is an interest that benefits the whole state.

Shields, too, is a believer in MU's missions of research, education, outreach and economic development. Like Whitlock, he finds himself explaining MU's role to decision-makers. One big distinction he explains repeatedly is the difference between strictly teaching universities and ones like MU, which include research and

graduate education. "One is a regional mission, and the other is a statewide mission," Shields says. The sort of work MU does simply costs more, he says, which explains its prominent place in the state's education budget. He says the regional vs. statewide roles aren't mutually exclusive. In fact, he says, all Missourians should have a shot at some kind of post-secondary education, whether it be trade schools, community colleges or a university like MU.

Know your stuff

Moseley stresses the importance of credibility when speaking with legislators. "It's your responsibility to be educated on the University's current issues. These issues change all the time. Maybe someone in your hometown is a legislator, and he or she may seek you out and ask you a question about MU."

More: *Mizzou Legislative Network* (Mizzoulinc.com)

Geyer Award winners



Chuck Gross, BS PA '81, MPA '82, R-St. Charles. While at Mizzou, he was a member of Alpha Kappa Psi and now serves on the alumni advisory board for the Harry S Truman School of Public Affairs.

Charlie Shields, BS BA '81, MBA '83, R-St. Joseph. Shields met his wife, Brenda, at Mizzou, where both were in Marching Mizzou.



Legislative Advocacy 101

With all its trappings of power, politics can seem intimidating. But don't be shy, says Kelley Rohlfling Marchbanks, BS '02, coordinator of legislative relations for the Mizzou Alumni Association. "Although politics has its nuances, it is made up of regular people working for a better Missouri. You don't have to be an expert to share your thoughts and concerns with the people you selected to represent you."

The association's Mizzou Legislative Network (MLN) helps members advocate for the University. Marchbanks offers some tips for getting involved in politics as much or as little as you like:

- **Greet.** Get to know your legislators before you need to contact them about a particular issue. Legislators appreciate meeting their constituents. You can find out which lawmakers represent you by typing in your ZIP code at mizzoulinc.com.
- **Write.** When you have something to

say about an issue, send a personal letter to your legislator. Receiving three or four letters from constituents gets their attention.

- **Meet.** Get together with your legislator at a local coffee shop, a community legislative event or at his or her office.

- **Call.** Since legislative issues sometimes move quickly at the Capitol, a well-timed phone call can get your message to legislators when it is most helpful. MLN will let you know when your phone call is needed.

- **Go.** Attend the annual legislative day at the Capitol each March. You can meet legislators and hundreds of other Mizzou supporters.

- **Learn.** Keeping up on the latest Mizzou legislative news increases your credibility and influence with legislators. Visit mizzoulinc.com for an advocacy toolkit. Also, sign up for @Mizzou, an electronic newsletter about MU, by visiting atmizzou.missouri.edu.

MU alumni serve the state and nation

U.S. Congress

Sen. Claire McCaskill, BA '76, JD '77, Democrat
 Rep. Russ Carnahan, BS PA '79, JD '83, D-District 3
 Rep. Ike Skelton, BA '53, JD '56, D-District 4
 Rep. Sam Graves, BS Ag '86, R-District 6
 Rep. Kenny Hulshof, BS Ag '80, R-District 9

Statewide offices

Lt. Gov. Peter Kinder, Educ '74, Republican
 Atty. Gen. Jay Nixon, BA '78, JD '81, Democrat
 Treas. Sarah Steelman, BA '80, MA '83, Republican

Missouri Senate

Dan Clemens, BS Ag '67, MS '69, R-Marshfield
 Jason Crowell, JD '98, R-Cape Girardeau
 Matt Bartle, BA '87, R-Lee's Summit
 Jack Goodman, BA '95, JD '98, R-Mt. Vernon
 Chuck Gross, BS PA '81, MPA '82, R-St. Charles
 Jolie Justus, A&S '92, D-Kansas City
 Chris Koster, BA '88, JD '91, R-Harrisonville
 Gary Nodler, A&S '71, R-Joplin
 Scott Rupp, BA '95, R-Wentzville
 Charlie Shields, BS BA '81, MBA '83, R-St. Joseph
 Wes Shoemyer, AFNR '80, D-Clarence
 Bill Stouffer, BS Ag '69, R-Napton
 Carl Vogel, BS BA '78, R-Jefferson City

Missouri House of Representatives

Judy Baker, BS Ed '81, MHA '02, D-Columbia
 Ellen Brandom, BA '64, MA '66, D-Sikeston
 Rachel Bringer, BA '92, JD '95, D-Palmyra
 Stanley Cox, JD '76, R-Sedalia
 Shalonn Curls, A&S '91, D-Kansas City
 Mike Dethrow, BS Ag '74, MS '75, R-Alton
 Barney Fisher, BS Ed '69, R-Richards
 Jason Grill, JD '04, D-Parkville
 Steve Hodges, MBA '72, D-East Prairie
 Kenny Jones, BS Ag '72, R-California
 Beth Low, BA '99, D-Kansas City
 Rebecca McClanahan, MS '82, D-Kirksville
 Brian Munzlinger, BS Ag '78, R-Williamstown
 David Pearce, BS Ag '84, R-Warrensburg
 Bryan Pratt, BS BA '95, JD '99, R-Blue Springs
 John Quinn, A&S '71, R-Chillicothe
 Tom Shively, BS Ag '68, D-Shelbyville
 Mike Sutherland, AFNR '87, R-Warrenton
 Tom Todd, BS Ag '79, D-Campbell
 Jim Whorton, BS Ag '66, D-Trenton
 Kevin Wilson, BS BA '80, R-Neosho
 Terry Witte, BS Ed '77, JD '80, D-Vandalia
 Brian Yates, BA, JD '01, R-Lee's Summit

Alumni leaders in advocacy

The following list chronicles the leaders of the Mizzou Legislative Network, formerly known as the Legislative Information Network (LINC).

Joe Moseley, BA '71, JD '76
 Columbia
 Chair 1988-92

Robert Selsor, JD '85
 St. Louis
 Chair 1992-94

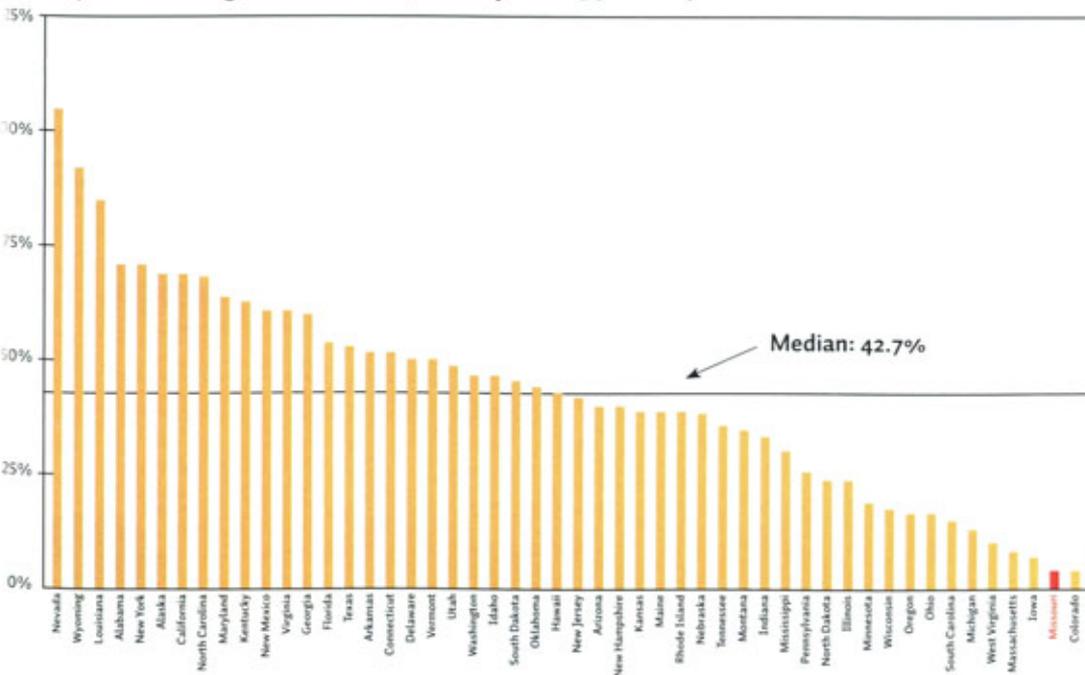
Dan Godar, BS BA '77, JD '80
 Kirkwood, Mo.
 Chair 1994-97

Bob Dixon, BJ '56
 Springfield, Ill.
 Chair 1997-99

Sean McGinnis, JD '84
 Springfield, Mo.
 Chair 1999-2000

Barney Whitlock, BS BA '63
 Springfield, Mo.
 Chair 2000-present

Percent change in appropriations of state tax funds for operating expenses of higher education, fiscal years 1998-2007



Between fiscal years 1998 and 2007, Missouri performed almost the worst in the nation in funding for higher education. Missouri schools netted a 4 percent increase for the period. The median increase was 43 percent, and Nevada led the pack with a 105 percent increase.

Source: UM System Finance and Administration

Support MU and look sharp doing so with a Mizzou license plate. These stylish plates put a tiger on your tail and support student scholarships. In addition to state fees, Mizzou plates cost \$40 a year, which includes a \$25 tax-deductible donation to MU. In 2006, a total of 1,934 plate-holders contributed \$50,025 for scholarships. Call 1-800-372-6822 for details.

Join the Mizzou Alumni Association Sept. 8 for a Mizzou football tour as the Tigers play Ole Miss in Oxford, Miss. The tour starts in Memphis, Tenn., with deluxe accommodations at the Doubletree Downtown Memphis near Beale Street. The package also includes transportation to and from the game, tickets and a tailgate party. Call 1-800-372-6822 for more information.

Mizzou's alumni network continues to expand. During the past 12 months, new alumni chapters formed in Albuquerque, N.M.; Dunklin County, Mo.; Shanghai, China;

Taiwan; and Wilmington, N.C. These groups join more than 75 alumni chapters worldwide. Chapters are place-based organizations that support MU through a variety of activities.

If you have an MU-themed photo that you would like to share with alumni worldwide, consider entering the 2008 member calendar photo contest. For information, see the 2007 member calendar or go to mizzou.com.

During Homecoming 2007, the association will dedicate the first set of bricks in the Mizzou Legacy Walk, a project to raise money for scholarships. Donors to the program can specify an inscription on their bricks, which will be laid in the 90-foot walk

in front of Reynolds Alumni Center. Space is still available in this multiyear project that aims to add 2,500 bricks to the campus landscape.

So far, 170 bricks have been donated. A tax-deductible

donation of \$375 for MAA members and \$415 for nonmembers makes your mark in MU history. For more information, call 1-800-372-6822 or go to mizzou.com.



Alumni chapters form worldwide, including Shanghai, site of the Oriental Pearl TV Tower.



MIZZOU CONNECTION

	JUNE 3 Northwest Arkansas Chapter Picnic 		JUNE 9 St. Louis Chapter Roaring Reunion		JUNE 15 Webster County Chapter Spring Banquet		JUNE 17 Father's Day 	JUNE 22 St. Charles Chapter Golf Tournament 	JULY 4 Independence Day
JULY 26 Greater Ozarks Chapter picnic			AUG. 2 Audrain County Chapter Mizzou Block Party		AUG. 24 KC Chapter Picnic		AUG. 31 MAA Governing Board Meeting		SEPT. 1 Mizzou vs. Illinois, St. Louis 
	AUG. 19 Tiger Walk								

For more information: www.mizzou.com, 1-800-372-6822



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Photo by Carol Lillis/Daily Hampshire Gazette

Addicted to restoration

Jerrilee Cain, BS Ed '52, isn't ashamed to admit she has an addiction. "I'm obsessed," she says. "I guess you could say I'm 75 years old, I ought to quit this. But I can't. I just love it."

Cain is talking about her love for restoring historic homes. She got hooked more than 50 years ago in an art appreciation course at MU, when instructor Ed Denyer showed the class a picture of the John Whipple House in Ipswich, Mass., built in 1677. "That was it," says Cain. "I'd never seen one, never been out of the Midwest. But as soon as I got out of school, I went [to the East] as fast as I could."

Over the years, Cain honed her knowledge of historic architecture and building techniques. She completed two 18th-century restorations while balancing a career in art education and administration. Currently, she is restoring and living in the John House homestead, which was dismantled and moved from Glastonbury, Conn., to western Massachusetts in 1997.

"It's a slow process," says Cain, who has been working on the home for three years. "Most of it is handwork. You know, nothing's true, nothing's square,

Jerrilee Cain applies milk paint to new wood in an attempt to replicate the patina of the original boards in her Worthington, Mass., John House homestead, built in 1703.

so everything has to be scribed to fit."

Hand-planing new boards to fit smoothly next to worn original ones is only half of the challenge. Cain spent two years removing paint from the old floorboards using steel wool. "You never use sandpaper, because that cuts through the patina," she explains.

Other obstacles include matching original paint colors — complicated by legislation outlawing many of the ingredients that contributed to the original hues — and making a few modern concessions to appease building inspectors. But Cain says the frustration is worth it.

"The reward is the thrill I get when I go into a room that's finished right, and there's a total sense of proportion that these indigenous craftsmen had," Cain says. "Decisions are made in modern houses according to the standard length of board you get. But for the old guys, the way you placed a dormer depended on the aesthetics of where that dormer should be. And it looks beautiful."

— Angela Dahman

The Twenties

Abner Gwinn, BS Engr '25, of Jefferson City, Mo., is the oldest living retiree of the Missouri Department of Transportation. He is 104.

The Forties

☆Wayne P. Davis, BJ '41, of Ames, Iowa, received a distinguished service award from the Iowa Newspaper Association Feb. 2. Davis published *The Seymour Herald* for 30 years, served as public relations director of the Iowa State Center for 10 years and taught part time at Iowa State University before retiring in 1998.

Hitting the age of 82 hasn't stopped ☆Lee Sanks, BS BA '48, from hitting the slopes. Why does the Kearney, Neb., resident try to ski once a year? "Just to prove I can."

The Fifties

☆Robert S. Miller, BS Cie '50, and wife Grace of Jefferson City, Mo., celebrated their 60th wedding anniversary Nov. 8, 2006.

☆☆William F. Harvey, BA '54, of Indianapolis retired as dean and Carl M. Gray professor of law at Indiana University. A professorship has been established in his honor.

Gabriel "Gabe" Gelb, MA '57, and wife Betsy Dubois, BJ '57, of Houston celebrated their 50th wedding anniversary Feb. 24, 2007. Gabe is a senior consultant with Gelb Consulting Group, and Betsy is a marketing professor at the University of Houston.

☆Tom Conway Sr., BS BA '58, JD '61, of Annandale, Va., wrote *Protecting the Queen* (PublishAmerica, 2006), a fictionalized account of his time in the U.S. Army stationed in England during the early 1950s. Stan Johnson, M Ed '56, wrote *The Milwaukee Road's Western Extension: The Building of a Transcontinental Railroad* (Museum of North Idaho, 2007).



The Sixties

Ron Furgerson, BS Ed '63, of Fairfax, Va., is pastor of the Westmoreland Community Church in McLean, Va. He retired from the senior executive service of the FBI in 1993.

☆ **Gene McArtor**, BS Ed '63, M Ed '64, PhD '72, of Columbia; **Bill Ross**, BS Ed '57, of Kansas City, Mo.; and ☆ **Russ Sloan**, BS Ed '61, M Ed '63, of Sun City Center, Fla., were inducted into the Missouri Sports Hall of Fame, Class of 2007.

☆ **Alice Samuels Handelman**, BJ '65, of St. Louis is president of the Press Club of Metropolitan St. Louis for 2007.

☆☆ **Judith W. Scott**, BA '65, of Poplar Bluff, Mo., is vice president for college advancement at Three Rivers Community College.

David H. Smith, BS ME '66, and wife **Patricia Reukauf Smith**, BJ '66, of Springfield, Mo., have retired after owning a silk-screen printing business for 35 years. David had worked as a propulsion engineer on the Atlas rockets that sent three lunar orbiters to the moon in 1966.

J.B. Kump, BS Ed '68, of Titusville, Fla., is executive director of Florida development for the Hubbs-SeaWorld Research Institute in Orlando, Fla.

Thomas E. Nutter, BA '68, MA '71, PhD '74, of St. Louis is a partner in intellectual property for Armstrong Teasdale LLP.

John H. Quinn III, BA '68, of St. Louis has been elected to the board of directors of The Friends of the Sheldon, a support organization for the concert hall in St. Louis. He is a partner at Armstrong Teasdale LLP.

Paul J. Welsh, BJ '68, of Leawood, Kan., is director of creative services for Zillner Marketing Communications.

The Seventies

Harold "Hal" Zenick, MA '70, PhD '72, of Cary, N.C., is director of the U.S. Environmental Protection Agency's National Health and Environmental Effects Research Laboratory in Triangle Park, N.C.

Patricia Parmenter Buschjost, BS Ed '71,

At home on the range

Bruce Loewenberg is equally at home in a barn, boardroom or bistro. You may find him cradling a newborn calf or leading a tour of wine regions in France. Farmer, salesman, philanthropist — he says that first and foremost he is a Tiger.

Loewenberg, BSF '61, loaned MU his almost life-sized bronze tiger, which greets visitors to the Reynolds Alumni Center on campus. He bought it in San Francisco and has been adding to his collection of tiger art ever since.

A self-described "cat person," Loewenberg keeps seven — house cats, not tigers — on his farm in Clark, Mo., where he raises Salers cattle, a French breed that he says is ideal for Missouri.

"Missouri has more cows than any other state in the nation except Texas, but almost all of them are in herds of 35 head or less — small, family operations with low margins." Salers cattle are extremely hardy, reliable producers that bring top dollar at the sale barn.

"I've always been selling something, starting with newspapers and eggs when I was a kid," says Loewenberg, who worked in sales management at Xerox and Maritz Inc.

Now, in addition to Salers cattle, he promotes the need to rescue dwindling populations of wild tigers. He gave a \$1 million estate gift to Mizzou Tigers for Tigers, a program that helps protect tigers in their native habitats. His interest extends to Tiger athletes, too: An equal amount will fund four scholarships for men's basketball players.



Bruce Loewenberg says Salers cattle are small at birth, making for easy calving, but gain weight quickly. He raises breeding stock at his farms in north Missouri.

Loewenberg's memories of his days in Delta Sigma Phi inspired him to establish a fund for a new fraternity house and a scholarship fund with the goal of giving full-ride scholarships to every member.

Although he admits his academic career was less than stellar, his Mizzou experience was the single greatest influence on his life. One of his most memorable events was in 1960, when Dan Devine led the football Tigers to No. 1 in the nation. Loewenberg was the team's student manager.

"Anything I've accomplished is a result of my days at Mizzou," he says.

—Kathy Love

MPA '85, EdSp '93, of Loveland, Colo., was named national assistant principal of the year in Las Vegas Feb. 23, 2007, by the National Association of Secondary School Principals.

Capt. Sam Foursha, BA '71, of Nevada, Mo., is posted in Iraq's Anbar Province as a member

of the Provincial Reconstruction Team with the U.S. Department of State. He retired from the U.S. Navy after 25 years of service in 1997 and was appointed Romanian Honorary Consul to Missouri in 2003.

☆☆ **Russ Metcalf**, BS BA '73, of Round Rock,

The Trend is back

Twenty-five years ago, five Mizzou students who called themselves The Trend played the biggest gig of their young lives: Jesse Hall.

The crowd roared. Area radio stations began broadcasting their songs, packed with tight harmonies, buzzy guitars and a British Invasion back beat. Their album, *The Trend Is In*, made *Billboard* magazine's March 19, 1983, "Top Album Picks," fueled with hook-laden tunes like "(I Feel Like a) Dictionary" and "Girl at the Holiday Inn." MTV's Kurt Loder called. Talk of a record deal followed.

Alas, stardom was not to be. Group members, most of them natives of Kennett, Mo., graduated and went their separate ways. Their music, it seemed, would fade.

Fast forward to today. Several of the band's songs, written by group co-founder John T. McMullan, BS BA '85, were re-released in power pop compilation CDs. McMullan and his band mates reunited this spring and played to a packed house in a Nashville club. Among the cheering fans: one-time University of Missouri-Columbia classmate and fellow Kennett native Sheryl Crow, BS Ed '84, of Santa Monica, Calif.

"They were a great band," said Crow, speaking recently between recording sessions for her yet-to-be-released album. "The other night just brought back to me what a cool band they were."

Besides the reunion, iTunes recently picked up McMullan's self-titled album, produced by Garden Records a few years back (www.johnmcmullan.com).

Could The Trend be "in" again?

"Because of the compilation CDs, a whole lot more people know about us now than when we played in college," said McMullan, 43, a partner in a



Photo by Christopher Ave, hand-tinting by Anita Kello

Kennett law firm.

Other band members also pursued more traditional careers.

Lead singer Matt Collier, BA '86, of Leawood, Kan., is an executive with a Kansas City, Mo., manufacturer. Guitarist Mike Astrachan, BJ '88, owns an advertising firm in Kansas City, Mo. Bassist Bill Joslyn, who attended Mizzou in the early 1980s, is a brew master in St. Louis. Drummer Brian Mitchell, who attended Mizzou but graduated from the University of Missouri-Kansas City's pharmacy school in 1987, owns a drugstore in Kennett.

But Crow remembers their creative talents during college days.

McMullan "wrote such clever songs, songs about places I used to haunt, songs like 'She's a Real Cheap Thrill' and 'Girl at the Holiday Inn,' with such really clever song writing hooks," she said.

"They just went on and lived their lives, became lawyers and pharmacists and advertising executives," Crow continued. "But at the core of it was

In a 1982 photo taken in an aisle of Eastgate IGA, members of The Trend are, from left standing, John McMullan, Mike Astrachan, Bill Joslyn and Brian Mitchell. Matt Collier is kneeling.

this great pop band in the style of what was going on then. They probably could have made it [in music], but they went in different directions."

Nevertheless, music remains a central force in the band members' lives. The Trend is scheduled to play a concert Aug. 10 at Molly Malone's in Los Angeles. They expect to reissue their 1982 album on CD. McMullan is nearly finished writing material for a second solo album. After that, who knows?

"We all get along very well, and whenever we get together it completely takes us back to the best of our times," McMullan says. "The underground market for our music has grown enough for us almost to be the band we always wanted to be."

— Christopher Ave

Then

Greek Week 1972
Fun and games
Sleeps in past noon

Now

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Coat and tie daily



Covered in mud, a student participates in a trike race. 1972 *Savitar* photo

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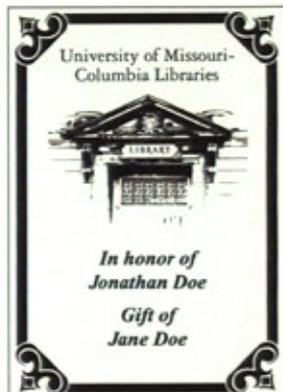
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Texas, is managing director for neoIT, a management consulting firm headquartered in San Ramon, Calif.

☆☆**Cathy Connell Cartwright**, BSN '73, of Columbia wrote *Nursing Care of the Pediatric Neurosurgery Patient* (Springer, 2007). She is a pediatric clinical nurse specialist in neurosurgery at University Hospital.

Col. Mark Gants, MS '73, DVM '79, of Blue Springs, Mo., has started his second tour of duty in Iraq. His duties include overseeing veterinary operations and coordinating with Civil Affairs veterinary personnel.

William E. Fingland Jr., BS BA '74, MA '75, of Rogersville, Mo., is chair of BKD LLP, a CPA and advisory firm in Springfield, Mo.

The Rev. Daniel R. Condron, BS Ag '75, MS '78, of Windyville, Mo., wrote *The Secret Code of Revelation* (School of Metaphysics, 2006).

Robert L. Koenig, MA '75, of Pretoria, South Africa, wrote *The Fourth Horseman: One Man's Secret Mission to Wage the Great War in America* (PublicAffairs, 2007). Koenig, a former Washington correspondent for the *St. Louis Post-Dispatch* and European columnist for *The Journal of Commerce*, is *Science* magazine's contributing correspondent for Africa.

☆☆**W. Dudley McCarter**, JD '75, of Creve Coeur, Mo., received the Oliver Rasch Award from the Missouri Bar Association for his article, "Civil Jury Reform: Is Missouri Ready for Changes?" published in the September/October 2005 issue of the *Journal of the Missouri Bar*.

☆☆**Tom Pilcher**, BJ '75, of Tulsa, Okla., is president of Ershigs Inc., a division of Denali Inc.

Meg Bero, BS Ed '76, of Batavia, Ill., is executive director of the Schingoeth Center for Native American Cultures at Aurora University in Aurora, Ill.

Barbara Brazos, BA '77, and **Margot Ford McMillen**, MA '87, both of Fulton, Mo., wrote *Evolution of a Missouri Asylum: Fulton State Hospital, 1851-2006* (University of Missouri Press, 2007).

A carrot in stick's clothing

The approach of Star Court is part scared straight, part cheered straight. In this program of the St. Louis County courts, volunteers such as Kimberly Cook don judges' robes and work with youngsters who are truant or have behavior problems. They try to help kids, many of whom get little support at home, before they get into real trouble with the law.

Since 2004, Cook, BS BA, BS BA '97, JD '01, has met weekly with elementary school pupils in north St. Louis to talk about their behavior. "The robes create the image of an authority figure, just like what kids would see if they went to juvenile court," Cook says. That's the stick. "But mostly we encourage the kids as much as we can."

Before a child arrives, Cook gets the scoop from the school counselor about behavior during the week, and they plot a strategy. "I walk step by step with the kids through their issues," she says. "I praise them for anything that went well, but if they were hitting someone, I explain why they can't do that."

Cook's favorite Star Court success story involves a fifth-grader from a poor family. "One day, I just threw it out there and asked, 'What would you like to be when you grow up?'" It turned out that he wanted to play the trumpet. The counselor contacted the Caring for



When she participates in the Star Court program, lawyer Kimberly Cook wears a judge's robe and works with youngsters to improve their behavior before they get into trouble with the law.

Kids program, which provided funds for a trumpet, and the band director made an exception and took him into the band after the usual fall starting date. Since the youngster feared what might happen to the instrument if he took it home, he stayed after school to practice. "By Christmas, he was playing solos in the band," Cook says. "Even if he only played that one year, he still has the confidence of knowing he could do it. For him, the program worked just like it should." — Dale Smith

Patrick Lacefield, BA '77, of Potomac, Md., is director of the Office of Public Information for Montgomery County and spokesman for county executive Isiah Leggett.

The Eighties

☆☆**Michael A. Infante**, BJ '80, of Blairsville, Ga., is vice president of corporate communications for United Community Banks Inc.

Dan G. Blair, BJ '81, JD '84, of Washington,

D.C., has been appointed by President George W. Bush to serve as the first chairman of the Postal Regulatory Commission.

☆☆**Heather S. Heidelbaugh**, BA, BA '81, JD '84, of Pittsburgh is a commentator on WQED tv13's Emmy award-winning television news magazine show, *OnQ*. Heidelbaugh practices with Babst, Calland, Clements and Zomnir P.C. in Pittsburgh.

Jeff Blades, BS BA '83, of Ballwin, Mo., made



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the cover of *Kiplinger's* August 2006 issue as one of the top investors in the country. He proudly wore black and gold for the photo. ☆☆**Ravi Dasari**, BJ '83, MBA '86, of Prairie Village, Kan., is senior vice president and chief marketing officer for Heartland Bank in the Kansas City market.

☆☆**Diane Madras**, BA '84, of Dallas, Pa., is associate professor of physical therapy at College Misericordia.

David W. Simons, BJ '84, of Chesterfield, Mo., was named one of the most influential St. Louisans by the *St. Louis Business Journal* for hosting the weekly investment radio show *Dollars and Sense* on KMOX since 1996. Simons is a certified financial planner for Merrill Lynch in Ladue, Mo.

Katherine Buttler, BJ '88, of Atlanta is account director of the Atlanta office of Avenue A | Razorfish.

Janine S. Latus, BS Ag '83, MA '88, of Norfolk, Va., wrote *If I Am Missing or Dead: A Sister's Story of Love, Murder and Liberation* (Simon & Schuster, 2007). Her memoir debuted at No. 10 on *The New York Times'* hardcover nonfiction best-sellers list May 13, 2007.

Karen Samples Gutiérrez, BJ '88, of Fort Thomas, Ky., is managing editor of *cincyMOMS.com*, a Web site owned by the *Cincinnati Enquirer*.

Jim Meier, BS EE '89, of Clarkson Valley, Mo., is chief information officer for Clayco Inc. in St. Louis.

☆☆**Walter L. Pfeffer II**, BGS '89, of Columbia achieved his 26th year of Honor Club production with Mutual of Omaha Insurance Cos.

The Nineties

AJ Schnack, BJ '90, of Los Angeles presented Kurt Cobain *About a Son* in March at the True/False Film Festival in Columbia. His film, which debuted at the 2006 Toronto International Film Festival, was nominated for a Spirit Award in the Truer than Fiction category.

Charla Kennedy, BS Ed '91, and Murray Papendorf of West Bend, Wis., announce the birth of Emerson William Nov. 14, 2006.

☆☆**Mitchell M. Murch II**, A&S '91, of Glendale, Mo., is corporate vice president of sales and marketing for Mitch Murch's Maintenance Management Co. in St. Louis.

☆☆**Holly Zink Morefield**, BA '93, and Timothy Morefield of Lee's Summit, Mo., announce the birth of Lexie Grace Oct. 3, 2006.

Caroline Worra, MM '93, of New York was nominated for a 2007 Grammy in the best opera recording category for her performance in *The Mines of Sulphur*. A soprano, Worra sings with the New York City Opera and other regional companies across the U.S.



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☆ **Gina Cossarini Cunningham**, BS BA '95, and Jay Cunningham of Chesterfield, Mo., announce the birth of Michael Richard Nov. 20, 2006.

Mishie Barr Laneman, BA '96, and Nicholas Laneman of Granger, Ind., announce the birth of Margaret Elizabeth Sept. 13, 2006.

Mike Rader, BA '96, of Kansas City, Mo., was selected as a 2006 "Up and Coming Lawyer" by *Missouri Lawyers Weekly*. He is an attorney with Bartimus, Frickleton, Robertson & Gorny P.C. in Leawood, Kan.

☆ **Karen Randolph Rogers**, BA '96, of Kansas City, Mo., represents public school districts, charter schools and private schools in employment and special education matters in the education law practice group of Spencer, Fane, Britt & Browne.

☆☆ **Kim Archer**, BS HES '97, M Ed '99, of Nacogdoches, Texas, spoke at the 83rd annual convention of the Texas Association for Health, Physical Education, Recreation and Dance in Fort Worth. Archer is an assistant professor at Stephen F. Austin State University.

Barbara G. Friedman, MA '99, PhD '04, of Hillsborough, N.C., wrote *From the Battlefield to the Bridal Suite: Media Coverage of British War Brides, 1942-1946* (University of Missouri Press, 2007). Friedman is an assistant professor of journalism and mass communication at the University of North Carolina at Chapel Hill.

☆ **Bradley J. Sylwester**, JD '99, of St. Louis is an attorney with Paule, Camazine & Blumenthal P.C.

The 2000s

☆ **Jeremy Hughes**, BS BA '00, and ☆ **Krista L. Hughes**, BSN '00, of Columbia announce the birth of Grant Christopher Dec. 9, 2006. Grandparents are ☆ **David A. Yarger**, JD '61, and ☆ **Beverly Hughes Yarger**, BS Ed '65, MA '66, of Versailles, Mo.

Anisha Morrell-Charles, BA '00, of St. Louis has been appointed to the St. Louis Airport Commission until November 2010. Morrell-Charles is coordinator of recruitment and student support at St. Louis Community College at Meramec in Kirkwood, Mo., and teaches at the college's Forest Park campus.

Mary de Villiers, BJ '00, of Chicago is assistant director of the Chicago Society for the University of Chicago.

Shannon Zmud, BJ '01, of Dallas was

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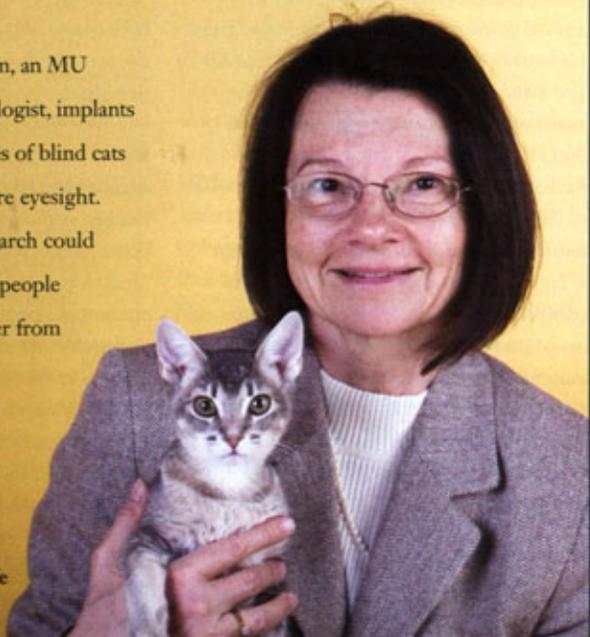
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Dr. Kristina Narfstrom, an MU veterinary ophthalmologist, implants a microchip in the eyes of blind cats in an attempt to restore eyesight. In the future, her research could improve the vision of people and animals who suffer from retinal blindness.



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recognized as an up-and-coming attorney in *Texas Super Lawyers — Rising Stars Edition*, a special publication of *Texas Monthly* magazine. Zmud is a litigation associate in the Dallas office of Jackson Walker LLP.

Linda Hoover, M Ed '03, of Houstonia, Mo., teaches art and gifted education at Northwest Elementary School. Hoover's artwork was accepted into the Greater Midwest International art show at the University of Central Missouri, gained signature status with the Missouri Watercolor Society and received Best of Show at the Cole Camp Fair.

Rebecca Rivas, BJ '03, of Denver filmed the documentary *At Highest Risk: Maternal Health Care in the Peruvian Andes* during 2004 as a Fulbright Scholar in Peru. She completed production in 2006.

Alisha R. Johnson, BA, BJ '06, of St. Charles, Mo., is a communications specialist for Millennium Communications Inc. in St. Louis.



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Faculty Deaths

Mary Boesman-Finkelstein, research associate professor of molecular microbiology and immunology, March 16, 2007, at age 65 in Columbia. She joined the School of Medicine faculty in 1979.

O. H. Calvert, assistant professor of plant pathology, Feb. 21, 2007, at age 88 in Columbia. He taught at MU from 1958-89.

John H. Landor, professor of surgery, Jan. 4, 2007, at age 79 in Monterey, Mass. He specialized in gastrointestinal physiology at MU from 1958-68 and retired from the State University of New York in Brooklyn, N.Y.

Deaths

Lillian Stapel Blakemore, BJ '39, of Columbia Feb. 26, 2007, at age 90.

Orliss Wildermuth, BA '39, BS Med '41, of Seattle Jan. 10, 2007, at age 90. A radiologist, he worked in the Tumor Institute for Seattle's Swedish Medical Center from 1950-79, serving as director from 1959-79.

Donald V. Benson, BS Ag '40, MS '51, of Fayette, Mo., Feb. 14, 2007, at age 90. He was assistant professor of veterinary medicine at MU from 1951-53, operated a veterinary practice and worked as a federal meat inspector.

Florie George Switzer, BA '40, of Sun City, Ariz., Jan. 3, 2007, at age 89.

Alston C. Twiss, BA '41, of Wilmette, Ill., Jan. 13, 2007, at age 88. He was an internist in Chicago for more than 30 years.

Lyman R. Amburgey, BS Ag '42, MA '47, of Tucson, Ariz., March 8, 2006, at age 86.

Betty Brownlee Martin, BS Ed '42, of West Plains, Mo., Nov. 19, 2006, at age 87.

Berniece Seiferth, BS Ed '42, EdD '55, of Columbia March 16, 2007, at age 89.

Walter Harry Stewart, BA, BJ '42, BS Ed '55, MA '56, of Greeley, Colo., Feb. 13, 2007, at age 86. A World War II veteran, he taught journalism at the University of Northern Colorado for 16 years.

Hubert James Shade, BS Ag '43, of Dallas Dec. 7, 2003, at age 83.

Roscoe F. Bowles Jr., BS BA '48, of Leawood, Kan., March 16, 2007, at age 82. He retired from

Phillips Petroleum Co. in 1985.

David Ross Stadler, BA '48, of Seattle Feb. 9, 2007, at age 81. A geneticist, he had retired as a professor for the University of Washington's botany department.

Olga Ethel Detjen, BA '49, of Rolla, Mo., June 29, 2006, at age 79.

Veryl Lee Jones, BS Ag '49, of Clinton, Mo., Jan. 5, 2007, at age 87.

William F. Zeidler, BJ '50, of Halifax, Pa., Oct. 23, 2006, at age 81.

Betty Lee Bakich, BA '51, M Ed '71, of Columbia Feb. 3, 2007, at age 77.

Ruth E. Griessen, BA '51, of Laporte, Ind., Nov. 7, 2006, at age 77.

Elwyn D. Kays, BS BA '51, of Indianapolis Aug. 24, 2006, at age 82.

R. Barry Crowell, BA '52, of Bella Vista, Ark., Feb. 10, 2007, at age 80.

Lois Jane Howell, BS Ed '52, of Washington, D.C., Dec. 1, 2006, at age 76.

Dorman Lloyd Steelman, JD '52, of Salem,

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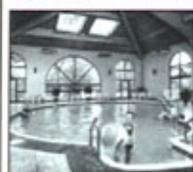
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ONE-TWELFTH PAGE DISPLAY ADS (one column wide by 2-3/16" high): \$375 per ad.

PUBLISHING SCHEDULE:

Issue Date	Space Reservation	Materials Due	Publication Date
Fall '07	June 27	July 9	Aug. 29
Winter '08	Sept. 17	Sept. 27	Nov. 19

Mail to: MIZZOU Classified Advertising
407 Reynolds Alumni Center
Columbia, MO 65211

Mo., March 1, 2007, at age 81. He served in the Missouri House of Representatives and was chairman of the Missouri Republican Party and circuit judge for Missouri Judicial Court 42.
Robert Walker Arthur, BS Ag '53, of Sun City West, Ariz., Feb. 10, 2007, at age 79.
James L. Rogers, PhD '54, in Conroe, Texas, Nov. 26, 2006, at age 80. He taught journalism

at the University of North Texas from 1953-96.
Claude Gerald Dunn, BS CIE '56, of Rockport, Texas, Dec. 5, 2006, at age 72.
William L. Nichols, BS EE '57, of St. Augustine, Fla., Dec. 2, 2006, at age 77.
Gerald F. Parr, BS Ag '58, of Farmington, Maine, Dec. 29, 2006, at age 76.
Ruth Budach, BS Ed '59, M Ed '64, of

Columbia March 23, 2007, at age 84.
Eldon Craig Gutting, BS BA '59, of Evanston, Ill., Nov. 27, 2001, at age 68.
Gene B. Kilham, BS BA '59, of Barrington, Ill., Dec. 23, 2005, at age 68.
Ann Carter Stewart, BSN '60, of Pass Christian, Miss., Dec. 9, 2006, at age 69.
Sam G. Cornelius, BA '63, of Oklahoma City Jan. 16, 2007, at age 67. He was a member of Phi Gamma Delta fraternity.
Richard W. Dierking, M Ed '65, of Columbia Feb. 5, 2007, at age 63.
Judith "Judi" Ann Mansur, BS Ed '66, of Fort Myers, Fla., Jan. 26, 2007, at age 64.
David Frank Mears, BA '66, MA '68, of Rogersville, Mo., Jan. 17, 2007, at age 63. An avid MU fan, Mears requested that the Tiger fight song be played at his funeral.
Donna Pomeroy Fogarty, BS Ed '67, of Ballwin, Mo., Feb. 2, 2007, at age 61.
Pamela Jean Collier, BS Ed '70, of St. Louis Dec. 13, 2006, at age 58.
Barbara Levinson Dragon, BS Ed '70, of Deerfield, Ill., July 31, 2006, at age 58.
Otto Bean Jr., BS Ag '71, of Holcomb, Mo., July 16, 2006, at age 68. The two-term state representative for the 163rd district was an expert in Southeast Missouri politics and the U.S. cotton industry.
Gloria Jean Mitchell, BA '73, of Columbia Jan. 31, 2007, at age 57.
Frances Wenona Robertson, MS '75, PhD '86, of Columbia March 14, 2007, at age 65.



MU College of Agriculture, Food and Natural Resources

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Michelle Dillard, BJ '91
Steve Dillard, BS BA '89

Lee Hemphill Forkner, BS Ag '77, of Lostant, Ill., Dec. 22, 2006, at age 52 after a four-year battle with ALS.

Lawrence H. Strom, EDD '78, of Prescott, Ariz., Sept. 17, 2006, at age 63.

Lloyd Peterson, MA '86, of Columbia Feb. 20, 2007, at age 49.

Richard A. Gutheil, PhD '91, of Columbus, Ohio, Jan. 17, 2007, at age 55. He owned Rich's Antiques and Collectibles.

Cassie Lea Green, BA '05, of Columbia March 17, 2007, at age 26.

Weddings

Donald E. Fawcett, BJ '49, and Aleyne Smith Lerner of Los Angeles Aug. 20, 2006.

☆☆Teresa Gerdes, BS Ed '82, and ☆Dan Lorts, BS CoE, BS EE '83, of Rowlett, Texas, Sept. 7, 2006.

Chris Wisbrock, BA '97, and Juliann Crider of St. Louis Oct. 7, 2006.

☆Debbie Thole, BJ '98, and ☆George "Chip" Lindh, BA '99, of St. Louis Nov. 11, 2006.

☆☆Tim Reid, BS '01, MD '05, and Gina Reigelsberger of Columbia Sept. 9, 2006.

Cara Trabue, BA '03, and Dallas Christianson of Columbia Sept. 30, 2006.

Kristen Kroha, BS BA '04, and Adam Basala, BS BA '05, of St. Charles, Mo., Sept. 2, 2006.

☆Jeffrey LaCroix, BS BE '04, and ☆Tiffany McCracken, BS Ed '05, M Ed '06, of Columbia Oct. 7, 2006.

Jeralyn Sartain, BS BA '05, and Drew Stuart, a senior secondary education major at MU, of Columbia Dec. 9, 2006.

Kristina Nickelson, BA '06, and Brian Bernskoetter of Columbia July 1, 2006.

Senior Matt Pell of Luxemburg, Wis., rejoices in his unexpected third-place finish in the 165-pound class of the NCAA Division I Wrestling Championships March 17 in Auburn Hills, Mich. Pell, who went into the tournament seeded ninth, won the event's Gorrarian Award for making the most pins in the least amount of time.

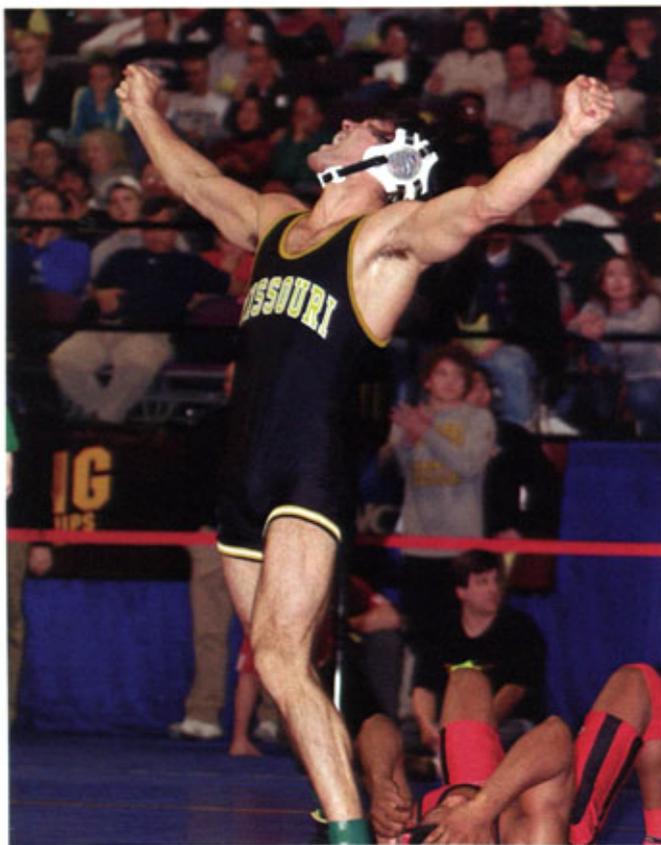


Photo by Tony Rotundo

Tiger Wrestlers who competed in the NCAA Division I Wrestling Championships March 17 in Auburn Hills, Mich.

133 pounds: Tyler McCormick
149 pounds: Josh Wagner
157 pounds: Michael Chandler
165 pounds: Matt Pell
174 pounds: Ben Askren
184 pounds: Raymond Jordan
197 pounds: Max Askren
Heavyweight: Mark Ellis

Tiger wrestlers capture NCAA trophy

Wrestling coach Brian Smith had hoped to bring home a national championship. But he happily settled for third place at the NCAA Division I Wrestling Championships March 17 in Auburn Hills, Mich. The win is Mizzou's first NCAA team victory in any sport since 1965 and the highest finish ever for Tiger wrestling.

"It's amazing how far we've come," says Smith, who wrapped up his ninth season at Mizzou by signing a five-year contract extension. Smith inherited a team whose 10-year record was 60-84. "Now we're on par with the rest of the Big 12."

At 174 pounds, Ben Askren capped an 87-match winning streak with his second consecutive national championship. Askren, a senior from Hartland, Wis., majoring in geography, wrestles with a style he calls "funk," and it's as wild as his trademark Afro, which fans in the stands mimic with multicolored clown wigs.

Having collected all the glory available at the college level,

Askren next plans — not hopes, but *plans* — to grab Olympic gold in Beijing in 2008.

Senior Matt Pell of Luxemburg, Wis., went into the tournament seeded ninth. A psychology major, Pell won third place wrestling at 165 pounds. He netted the Manuel Gorrarian Award for securing the most pins in the least amount of time.

Wrestling at 133 pounds, teammate Tyler McCormick, a junior from Leawood, Kan., snapped up sixth place.

Leadership from upperclassmen like McCormick will keep the team strong in the wake of Askren's graduation, Smith says. Fan support — the team averaged 3,000 spectators a match this year — provides another boost.

And though he relishes his team's victory, Smith will not remain satisfied with third place. "There's a lot more room to move down," he says, "but we're focused on moving up."

— Lisa Groshong

The MU Legacy Society

Celebrating a Heritage of Giving at Mizzou



Through the prism of time we look back and see the MU legacy created through estate gifts by those who have gone before us. Through the same prism we see a vision of what can be as a result of those who are now creating their own Mizzou Legacies. In recognizing new members of the Legacy Society* we celebrate the growing heritage of giving at Mizzou:

New Legacy Society Members

Mrs. Christina P. Alter	Mr. John H. Dalton, Sr.	Ms. Rebecca Lim	Mrs. Mary Louise Rankin-Waters	Jerry W. Venters and Cassy Dierkins Venters
John and Tamara Anderson	Thomas E. Deacy, Jr.	Mrs. Barbara Breisch Lothrop	Frances Langenbacher Rebman	Ms. Shirley A. Vierheller
Susan Bassett-Chu, D.V.M.	Mrs. Betty A. Dukert	Mr. and Mrs. David S. Metcalfe	Mr. and Mrs. John Riffle	Lloyd G. Vogelweid
George H. Beard	James M. Estes	Ms. Kathleen L. Meyer	Mary M. Rigney, Ph.D.	Mr. Gary E. Waitschies
Dr. John D. Bies and Dr. Susan Schmidt Bies	Dr. Carl E. Ferguson	Roland Meyer, Ph.D.	Dr. and Mrs. Paul H. Rother	Mr. Garry Dale Weiss
Janis Burgess Birchall, M.D.	Mr. Charles Edward Fuchs	Dr. and Mrs. John D. Michael	Ms. Pamela K. Rutter	Mrs. Brenda Rapp West
Arnold H. Bock	Judge John R. Gibson	Mr. and Mrs. C. Keith Miller	MaryEllen Sievert, Ph.D.	Jack and Marie Whitacre
Mr. Homer Bowers	Dr. Max and Mrs. Marianna Heeb	James D. and Mildred B. Moore	Thomas Anderson Sobieck	Dr. and Mrs. James H. Whitaker
Jerry R. Brooks	Mrs. Jean Kennedy	Gayford and Mercedes Morrison	Jarene and Lee Stanford	Dr. Ken and Mrs. Ann White
Dr. and Mrs. Thomas W. Burns	Mr. and Mrs. Patrick W. Kenny	William T. and Sherry L. McSpadden-Murray	Mr. Mike Strode	Dr. and Mrs. Walter T. Wilkening
Dr. and Mrs. Rex Campbell	Walter W. Kibler	Donald Oberleas, Ph.D.	Virginia M. Sudduth	Evelyn Jane Young
Mr. Norman R. Clizer	Susan Leddick	John Parker	Mark E. Thoman, M.D., and Theresa Thompson Thoman	Carl P. Zey
Sherry E. Conohan	Mr. T. Craig and Mrs. Colleen Ligibel	Don K. Pettus	Robert L. Venegoni, M.D.	

*From May 1, 2006, to April 30, 2007, these new Legacy Society members have made provisions for MU through planned gifts. Planned gifts are a significant part of the For All We Call Mizzou campaign.

For more information about how you can make your planned gift to MU, contact the Office of Gift Planning and Endowments at 1-800-970-9977 or 573-882-0272 or visit givingtomu.missouri.edu/giftplanning.

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