

MIZZOU



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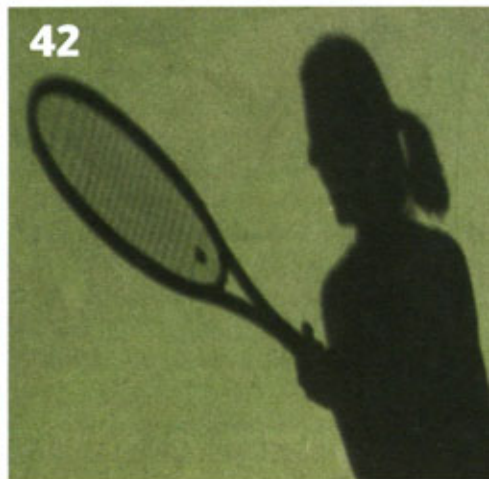
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MIZZOU magazine, Summer 2008, Volume 96, Number 4
Published quarterly by the
University of Missouri Alumni Association
123 Reynolds Alumni Center
Columbia, MO 65211

A not easy, circuitous path

Life has a way of happening while you're making other plans. Donald C. Krechel of Kirkwood, Mo., is a prime example. At age 18, his dream was to finish high school and head to Mizzou. But love and military service complicated matters. The high school senior got drafted into World War II and spent three years in the South Pacific.



At long last, Donald Krechel, 84, holds his MU diploma.

Once back in the states, Krechel completed his GED and enrolled at MU on the GI Bill in January 1947. Then, along came Sally: Sally Glaves, his Gamma Phi Beta sweetheart. The Phi Kappa Psi fraternity man fell hard and fast. They married in 1948.

Surprise.

Along came Patsy, born at Boone County Hospital in 1949. Krechel thought he was keeping it together, working two jobs plus getting veterans benefits. Two more daughters, Kay and Debbie, were born in 1951 and 1953. With 20/20 hindsight, he recalls, "I didn't do as well in school as I should have."

Surprise.

President Harry S Truman called Krechel and 500 members of the 816th Field Artillery Battalion to serve during the Korean War. Ripped from school once again, Krechel spent a year in training before being stationed in Germany in January 1952.

Surprise.

After the service, Krechel had planned to work for Shell Oil in South Dakota; the job turned out to be in Venezuela. Instead, he joined Cummins Diesel Corp. in 1953.

Fast forward: Daughter Patsy Krechel, BS '71, M Ed '74, read a story in the Winter 2008 issue of MIZZOU about the Recruit Back project, which helps former students with 100 or more credit hours complete their degrees. Krechel had 128 credit hours but was missing a foreign language course. A bachelor of general studies degree, approved in 1972, afforded some flexibility. Also, Krechel's former ROTC hours, as of a 1977 Arts and Science change, could count toward graduation.

Surprise.

For her dad's 84th birthday in late April, Patsy Krechel — the proverbial gleam in her father's eye that kept him from his bachelor's degree in the first place — presented him with a bachelor of general studies diploma.

Happy Father's Day, retired Maj. Donald Krechel. — Karen Flandermeyer Worley, BJ '73

M MORE > See photos of Donald C. Krechel's life at Mizzou and in the military.
mizzoumag.missouri.edu

Fun and games

An announcement of caption contest winners in the spring issue left readers with cartoons on their funny brains. In an attempt to surprise the winners, we made two errors.

Charlie Wendt's entry, "You might want to lay off the gummy worms," earned first runner-up. He is the son of John Wendt, MD '89, and Francie Kopf Wendt, BA '87, of Sedalia, Mo., not Diana R. Latlip, BS Ed '97, of Independence, Mo., as we reported. Stacey Wilson of Thousand Oaks, Calif., is the grand-prize winner with her entry, "Turn your head and coo." Wilson is not a graduate of MU, but enjoys reading MIZZOU, a magazine her former roommate Kim Clevenger, BJ '89, receives.

Our apologies to Stacey Wilson of St. Louis and Latlip of Independence, Mo. Your humor about the snafu is greatly appreciated.

Thanks for writing, and keep reading.

MIZZOU magazine staff

Music to my ears

LOVE the story and the song ["The music man," Spring 2008].

Ro Sila, BJ '69
Normal, Ill.

From student to teacher

I was a student of Dr. John Farmer, who served as my undergraduate adviser from 1962–65. I do not know the year of his death, but either the proctor [in "When hot type was high tech," Spring 2008] was mistaken, was pulling the leg of Linda Permer Dillon [BS Ed '67] or Linda doesn't remember the story.

I was a doctoral student at Iowa State from 1968–72 when Dr. Farmer came to deliver a seminar at Ames. I was a research associate at the time, and when he saw me, he said, "What are you doing here?" I was not one of his best advisees, so the question was quite deserved!

I have always enjoyed telling that story and never evaluated prospective students or faculty applicants purely on the basis of their performance as undergraduates. [As

professor emeritus of entomology and plant pathology at the University of Tennessee.] I was fortunate to supervise almost 20 graduate students of entomology and retired after almost 32 years.

Gary L. Lentz, BA '65
Medina, Tenn.

Famous dropouts

The magazine gets better with every issue — keep up the great work. On Page 7, in "Taking care of graduating," [Spring 2008] you start out by saying "Brad Pitt is Mizzou's most famous dropout. ..." I graduated in 1951. One of my classmates developed quite a famous name after he left school without graduating. His name was ... George C. Scott!!

Jim Bikson, BS BA '51
Overland Park, Kan.

A brick of one's own

I want to commend you and your staff for producing one of the most interesting editions of MIZZOU I have ever received [Spring 2008]. Naturally, the story of Missouri's success on the gridiron was the most interesting because I went to Missouri to become a sports writer. This ambition lasted into my second year, when I wrote a front page byline story for *The Missouri Student* intimating the Tigers would win the Big Six Baseball Championship. Although my expectation came true, first-year Coach John "Hi" Simmons didn't care for the story and let me know. Furthermore, a little better than a hunter and pecker on the typewriter and a lifelong poor speller, I decided I was better qualified for a career over in the business and public administration building.

This, of course, leads to the "Around the Columns" story concerning the Robert J. Trulaske Sr. College of Business. That old brick building on the Red Campus was ancient and drafty in my day (the late 1930s), but is where business school icons like Donald W. Reynolds [BJ '27] and Sam Walton



George C. Scott left MU before graduating and went on to become a famous actor. Before his time at the university, Scott spent four years as a Marine, an experience that likely informed his 1970 role as Gen. George S. Patton in *Patton*.

[BA '40] graduated.

Your story, "A brick is a brick is a brick," also caught my interest because your brick was in a mix with 27 of my Pi Kappa Alpha fraternity brothers' bricks. In 1938, five of us moved from the Westover boarding house to 920 S. Providence Road to join Vic Cary [BJ '39] who had departed the fraternity house with independent status earlier. I well remember the first chapter meeting I attended, when the fraternity adviser threatened to shut down the house if we didn't get on the ball. Fortunately, in addition to Cary, Howard Burnside [BS CE '39], Richard "Dick" Dougherty [BS BA '39] and Bert Stammerjohn [BS EE '39, MS '40] not only were campus leaders but they gave the house grade point average a boost toward the Greek top. We had a banner rush the following fall.

A couple of final notes: Because Missouri was a land-grant school, ROTC was compulsory. We all suffered for two years, although it would lead to J-School student Cary's career — he retired as a brigadier general. Graduation year 1939 was big for Missouri. The university was 100 years old

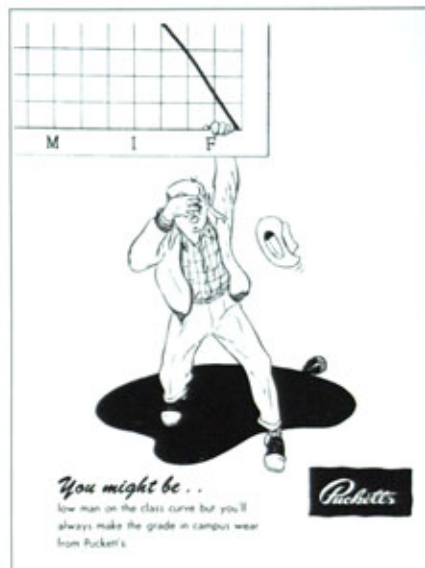
and Don Faurot [BS Ag '25, MA '27] and Paul Christman [MS Ed '70] were on their way to national prominence.

While these fraternity brothers sought life and careers in big cities, I have remained a small town boy, but buy me a brick.

W. Karl Dickson, BS BA '39
Escanaba, Mich.

A trip down memory lane

I had just finished reading the Spring 2008 MIZZOU magazine when my wife (an MU attendee of two years) reminded me, yet again, that I had promised to clean out the garage. Unfortunately, I had run out of excuses to further postpone the task. The first box of letters, blue books and college papers that I opened, which had lain undisturbed for 30 years or more, contained six copies of *Showme* magazine, from October 1953 to October 1954. This gave me a perfect excuse to wander down memory lane, which I promptly proceeded to do.



Puckett's was a well-known clothing store in downtown Columbia that opened in 1946 and closed its doors in January 2006. Founder Kenneth H. Puckett and his son, K. Dale Puckett, BA '58 (both deceased), published this ad in the January 1957 issue of *Missouri Showme*, the humor magazine.



Edward C. Lambert, right, helped create KOMU-TV to educate students in broadcast news production. Its first broadcast was on Dec. 21, 1953.

The rereading left me with a feeling of a time of innocence. The magazine staff in those days certainly labored under a rigorous moral code, imposed by the university, that was expressed most cogently by the comments in MIZZOU ["Faces of Missouri *Showme*," Spring 2008], by some of the former *Showme* editors.

About this same time in the mid 1950s, when *Playboy* magazine became available with its no-holds-barred view of sex and everything related, *Showme* did not have a chance of survival.

I must compliment Puckett's men's store for advertising in each issue, and I want to express my appreciation to Jerry Smith, BJ '52, for his excerpts of the former *Showme* editors and the additional information, provided by your current staff, as to what some of the previous *Showme* editors had done in their lives. I always find those comments of interest and trust that future articles about past students will include such information. Joe Gold was a writer and editor of the magazine a good part of the time I attended Mizzou, so I was disappointed to learn that he was an English professor at KU. I am certain he frequently praised his alma mater while endeavoring to teach those Jayhawkers English.

Ret. Col. Lee R. Pitzer, BA '55
O'Fallon, Ill.

Show 'em who's boss

I, too, was a little uneasy reading "Mastering the Missouri Method" [Fall 2007]. It is true; in the 1960s, we journalism students did endure the harsh criticism handed out by the likes of Tom Duffy, Eugene Sharp, Dale Spencer and Richard A. "Dick" Cannon. In my opinion, these negative

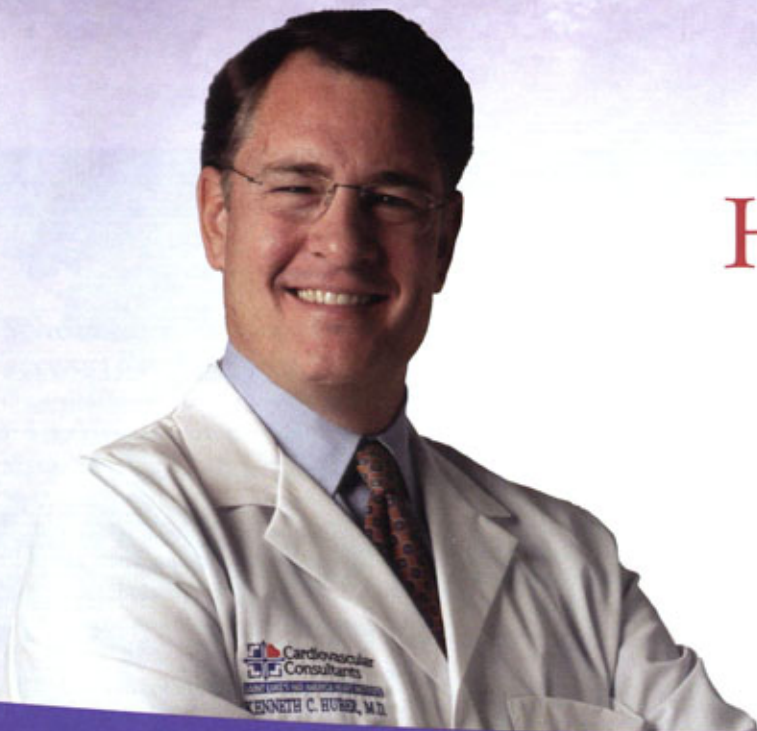
comments made us better able to deal with our first jobs in the "real world." In life, most people have a few really nice bosses, a few really nasty bosses and mostly those who fall somewhere in between.

It should be pointed out that there were professors like William B. Bickley, Ruth Briggs Bratek, William "Bill" Bray and Clifton C. "Cliff" Edom, as well as Edward C. Lambert, who were outstanding in caring for and helping us during our days in school.

One other point I would like to make: For most newspapers, especially small daily and weekly papers, the Internet is nothing to fear. Some human person still needs to gather, organize and (often) interpret the happenings of the day or week. High-quality, relevant content is the key to the future success of newspapers, not the method of delivering the product.

Charles Richards, BJ '64
Palos Heights, Ill.

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



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Painting the town

Attempts to capture the spirit of the MU campus abound: Writers describe it, photographers record it, and now, a local artist has painted it.

Columbia artist David Spear depicts the entire campus in a three-panel series of oil paintings. Two side panels feature aerial views of the Red and White campuses, and a center panel zooms in on students.

Michelle Froese, public relations manager for student auxiliary services, and Susan Elledge, coordinator of interior design for student affairs, worked with Spear to plan the piece, which they hoped would celebrate the history and diversity of the student body.

"Memorial Union is a public building that has a great sense of history," Froese says. "And what better way to celebrate that than with a piece of local art." The union was originally intended to honor the students who lost their lives in World War I — their names are inscribed in the walls of the tower archway. In addition, "This campus has become progressively diverse," Elledge says, "and we wanted to celebrate the multiculturalism of our student body."

Spear spent about four months developing the project. The aerial landscapes were probably the most time-intensive, he says. He struggled to make Jesse Hall and Memorial Union the centerpieces of each side without depicting both in the same panel. Matt Jenne, BS CiE '97, Spear's friend and co-owner of local Columbia restaurants Sophia's and Addison's, offered to help. "I had Matt fly me over Columbia, and I took pictures of campus from all different angles," Spear says. "Ever since he took me up, it changed the way I do landscapes."

Spear's artwork appears all over town: Wabash Station displays four paintings; he developed posters for Columbia's True/False Film Festival and Roots 'N Blues 'N BBQ Festival; and he painted a traffic light box in downtown Columbia.

The MU paintings are permanently



Local artist David Spear completed a three-panel oil painting of the MU campus. The center panel, above, depicts Memorial Union alive with students.

displayed in Tower Lounge at Memorial Union. Prints are available from Spear's Web site, alleywayarts.com.

Scholarships to improve access to higher education

Chancellor Brady J. Deaton considers college access a key goal, and the new University of Missouri Flagship Scholars program drives that point home. In more than half the counties in Missouri, fewer than 12 percent of adults hold a college degree. Deaton hopes the scholarship program will increase that figure by providing a full-ride, four-year scholarship to one or more students in every Missouri county and in the city of St. Louis. On April 18, Deaton announced the program to For All We Call Mizzou volunteers and kicked off efforts to raise money for the scholarships.

The scholarships will provide each student with up to \$15,000 to cover educational fees, housing and other expenses. Priority will be given to applicants who are first-generation college students and who demonstrate financial need.

"When a young person goes to college and is successful, their siblings, their peers and their future children are more likely to attend college," says Linda "Jo" Turner, director of development for the MU Flagship Scholars program. "As a result, our communities and our entire state will benefit."

As ambassadors for the university, the University of Missouri Flagship Scholars will promote education and college attendance to their peers in their home counties.

Donors can establish a single-year scholarship by creating an endowment of \$300,000 or a four-year scholarship with an endowment of \$1.2 million. Donations to the program are part of the For All We Call Mizzou campaign.

Recent major gifts to the campaign include:

- Margaret Proctor Mulligan of Columbia was a breast cancer survivor and a long-time supporter of research at MU. She strongly

FOR ALL WE CALL

MIZZOU

Raised: \$932.81 million

Goal: \$1 billion

The For All We Call Mizzou campaign will celebrate raising \$1 billion in spring 2009. As of April 30, 2008, the campaign has raised \$932.81 million. The money has created 1,500 new scholarships and 98 endowed faculty positions.

believed that diseases could someday be cured or prevented through advancements in medical research, and she gave more than \$6 million from her estate for breast cancer and cardiovascular disease research at the School of Medicine. Her gift will fund 10 distinguished professorships in medicine. Medical Dean William Crist has already named eight Margaret Proctor Mulligan Professors: Paul S. Dale, George E. Davis, Michael J. Davis, Dongsheng Duan, Kattesh V. Katti, Gerald A. Meininger, Steven S. Segal and M. Sharon Stack.

- Michael J. Bukstein, MD '70, and his wife, Sharon, of Hannibal, Mo., gave \$1.1 million to endow the Michael J. and Sharon R. Bukstein Chair in Cancer Research at the School of Medicine. Bukstein is president and CEO of the Hannibal Clinic and has been a tireless advocate in the fight against cancer.

- RehabCare Group Inc. of Clayton, Mo., donated \$1.33 million to the School of Health Professions. The gift enables the school to partner with community colleges in Missouri to create solutions for the shortage of physical and occupational therapists in the state. This fall, the school will provide the colleges with a program to train 50 physical therapy assistant students and 50 certified occupational therapy assistant students.

Briefly

Mizzou juniors Jennifer Kimball of Columbia and Laura Merritt of McKinney, Texas, have



won Truman Scholarships, putting them in a highly selective group of 65 college students nationwide with a strong record of leadership and public service. Each will receive a \$30,000 scholarship for graduate study, priority admission and financial aid at top graduate institutions across the country. Kimball, a women and gender studies major, co-founded Stop Traffic, an anti-human trafficking organization. Merritt, an interdisciplinary studies major, founded "I Am," an organization to promote public education, voter participation and government support of stem cell research.

More: mizzouwire.missouri.edu/stories/2008/action-heroes/

Nursing Dean Rose Porter will retire Sept. 1, 2008, after 29 years at MU. During her nine years as dean, the school increased annual grant awards 486 percent and formed a partnership with Americare Systems Inc. to build and operate TigerPlace, a 32-unit retirement facility that allows elders to "age in place" by bringing them the care they need. The school is searching for Porter's replacement.

More: nursing.missouri.edu

Mizzou is gaining notice for leaning green. An essay by junior Jason Fox of Labadie, Mo., president of the Student Energy Conservation Society, won the university one of eight Energy Efficiency awards from the National Wildlife Federation's competition *Chill Out: Campus Solutions to Global Warming*. Winning schools are finding creative ways to reverse global warming and will use a federation grant to continue exploring their ideas.

More: nwf.org/campusecology/chillout/

Building bridges

Built in 1912, Schweitzer Hall has moved into the 21st century with new construction and renovations. High-tech equipment and biochemistry researchers eager to use it moved into the space on Feb. 18.

Schweitzer Hall and adjacent buildings are now a single home to Mizzou's biochemistry department. The department's researchers, affiliated with the School of Medicine and the College of Agriculture, Food and Natural Resources, have historically been scattered around campus. "Now we're at the north end of a campus life sciences corridor," says Gerald Hazelbauer, biochemistry chair.

The new facilities house seven faculty research labs and a \$2.1 million high-powered nuclear magnetic resonance spectrometer (NMR), the only such NMR in Missouri. "NMRs are basically MRIs for molecules," Hazelbauer says. Mizzou researchers and their colleagues statewide will use the machine to analyze molecular interactions for medical and agricultural studies.

The building "was constructed to support researchers focused on improving treatment for patients with cancer, cardiovascular disease, Alzheimer's disease

and other major illnesses," says medical Dean William Crist. "They deserve these impressive new facilities, and they deserve our support."

MU biochemists combine the tools of the physical and life sciences to help fight disease, increase the production and quality of food, and protect the environment. Built in the spirit of interdisciplinary cooperation, the Schweitzer renovation allows biochemistry researchers to easily interact and collaborate.

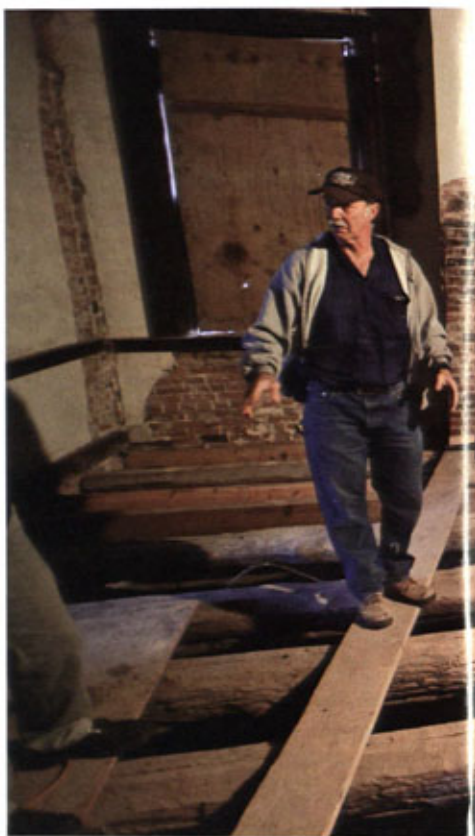
The biochemistry department includes two National Academy of Sciences members: Linda Randall, professor of biochemistry, and R. Michael Roberts, Curators' Professor of Animal Science and Biochemistry. The director of MU's International Institute of Nano and Molecular Medicine, M. Frederick Hawthorne, is also a member.

Hickman enters rehab

About 30 minutes from campus, within sight of the Boonslick Trail near the frontier-era town of New Franklin, Mo., stands one of the oldest houses in Howard County. The Thomas Hickman house, a grand Georgian cottage built circa 1821,

commands a hilltop view of the 660 acres of MU's Horticulture and Agroforestry Research Center. Unfortunately, the structure has long since begun showing its age.

Enter Gene Garrett, professor of forestry and the center's superintendent. Fifteen years ago he was looking for a place to put his research farm, which explores ways of combining crops with trees, such as integrating row crops with nut trees.



He remembers standing outside the house in all its faded glory, with a leaky roof and a pair of large black snakes for inhabitants. "I vowed then to restore the place before I retired," he says. Since then, Garrett successfully applied to have the house placed on the National Register of Historic Places and raised the \$1.3 million from private and governmental sources to rehabilitate it for use as the farm's reception center. In late 2007, the work began.

The long list of tasks includes pouring a concrete foundation in 4-foot increments to replace the original stone foundation, which was laid without mortar; restoring windows to their original size and 24-pane design; and refurbishing all the woodwork, including fireplace mantels and door trim, most of which was still in the house. Other work includes tuck pointing; replacing the roof deck and shingles; and building a kitchen



Photo by John Tully

Visible from College Avenue, the bridge connecting two biochemistry buildings — Schweitzer Hall and Schlundt Annex — provides an interaction space for researchers, students and their colleagues.



PHOTOS BY ADO HILL



Workers are rehabilitating the circa 1821 Hickman house in New Franklin, Mo., at MU's Horticulture and Agroforestry Research Center. The floor joists are logs leveled at the top.

house off the dining room.

Garrett says that in fall 2008 the Hickman house will be back in service and open to the public. It will feature a reception office, displays of the area's early 1800s period, local historical artifacts and exhibits explaining agroforestry.

More: aes.missouri.edu/harc

Camelot and critical mass

As a former economist and vice president for the Federal Reserve Bank of Kansas City, Mark Drabenstott isn't the sort to go tilting at windmills. All the same, part of his new job is to look for modern-day, Missouri versions of King Arthur who can convene new round tables and help create an economic Camelot in the Show-Me State.

Drabenstott directs the Center for Regional Competitiveness, which MU established in September 2006 to provide analysis

on regional development and help regional leaders plan economic strategies.

"Globalization is one of the most powerful economic forces of our time," Drabenstott says, but many parts of the country aren't cashing in on the bonanza. Only 10 percent of U.S. counties account for 75 percent of America's new jobs, he says, and only five of those U.S. boom counties are in rural places.

Why are many rural areas being left in the dust? "Increasingly, reaching a critical mass is very important for regions to compete effectively — a critical mass of workers, ideas, businesses, innovation and capital," Drabenstott says. Many rural areas have wealth and talented workers, but they do not reach across county lines to achieve the clout that a critical mass now provides.

All too often, Drabenstott says, county lines that were drawn in horse-and-buggy days can be a hindrance in the computer

age. Rural communities often see the neighboring county as the competition rather than an ally. "Their competition isn't one county over; it's in South America, Asia and Europe," he says. "The reality is that rural areas have to pull together and partner to compete effectively."

His new think tank will provide the analysis, tools and training to help both rural and metro regions identify their economic strengths and form vital partnerships. An equally important part of the puzzle, Drabenstott says, is to help regions identify their competitive advantage. For instance, northwest and southeast Missouri are about 500 miles apart geographically, but they're much farther apart in terms of their unique economic potential.

Perhaps southeast Missouri's Bootheel could capitalize on its bountiful rice harvests and cheap, convenient river transportation to specialize in rice products that are the dietary mainstay of half the world's population. At the same time, leaders in northwest Missouri have been talking about building the region's economy by growing bioengineered crops used to make pharmaceuticals.

"There is no longer one Missouri. There are 10 or 12 Missouris, and each of the different regions has a different competitive advantage," Drabenstott says.

The new green brick

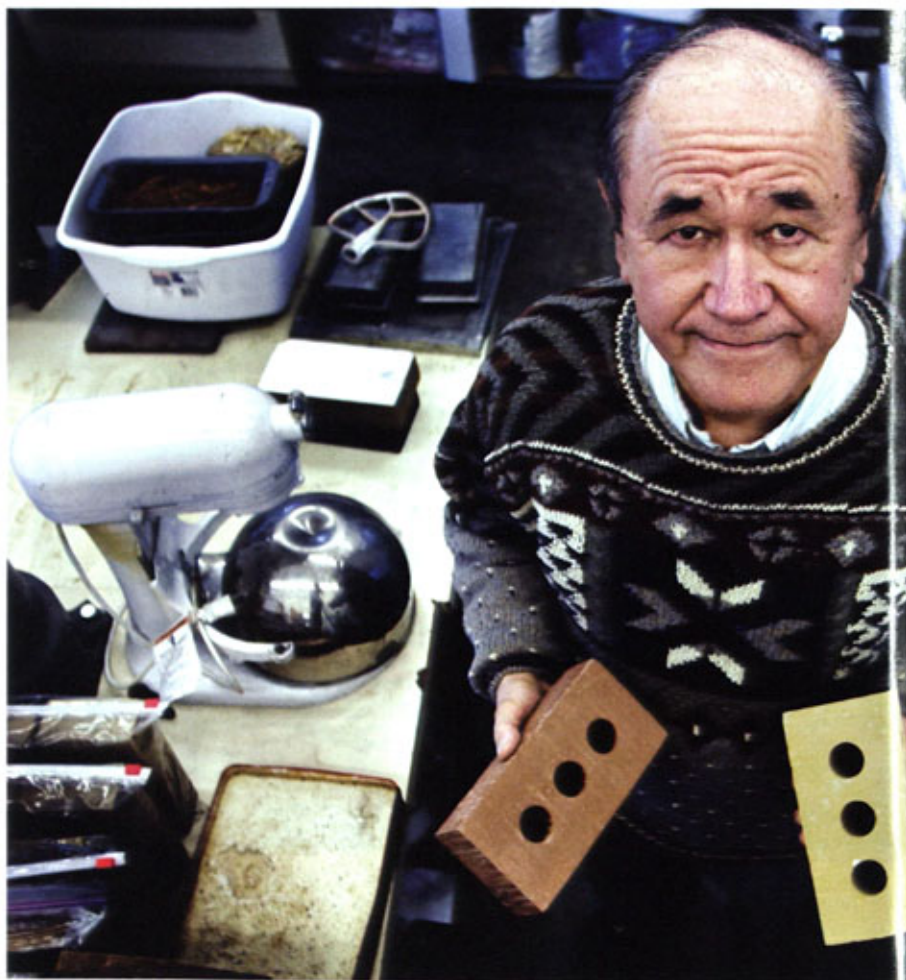
Henry Liu has found a way to make the world a little cleaner, one brick at a time. Liu, professor emeritus of civil engineering, and his team of researchers at Freight Pipeline Co. in Columbia have created a brick made of recycled fly ash, a waste product of coal burned at power plants. Liu's work gives the term "green brick," typically used to describe a clay brick before it's been fired, a whole new meaning.

The United States generates approximately 70 million tons of fly ash each year. Only about one-third of that is currently recycled, primarily as an additive in concrete or for use in roadbeds. The rest goes into landfills. "Twenty percent to 25 percent of the fly ash generated in the United States can make enough bricks to supply the entire nation," Liu says.

Unlike traditional bricks, which are fired at high temperatures in a process that creates greenhouse gases, Liu's bricks are made at room temperature. He uses a compression system he developed during his time as director of the Capsule Pipeline Research Center at MU to form the bricks from a mixture of fly ash and water. This process conserves energy and doesn't contribute to pollution or global warming. Also, recent tests have shown that Liu's bricks actually absorb mercury, another pollutant, from the air.

Fly ash bricks are similar to traditional bricks in appearance, and they come in a variety of colors. The bricks meet construction standards and are expected to be up to 5 cents per brick less expensive than high-quality clay bricks that average a wholesale price of 35 to 40 cents each.

Liu and his team have received an extension on their National Science Foundation grant to finish testing the bricks before they're manufactured for commercial use. In that time, Liu hopes to form a consortium of local companies and to secure venture capital in his product with the goal of building the first factory. "The technology is ready," Liu says.



Henry Liu has developed an eco-friendly brick made from fly ash, the waste from coal burned at power plants. Liu is a professor emeritus of civil engineering.

Getting the word out

A Mizzou researcher who is an expert on bisphenol A (BPA), a chemical found in some plastics, has become a leading spokesman on this hot topic. Canada recently declared BPA toxic and moved toward banning it from baby bottles. The U.S. government may now take up the issue as well. Frederick vom Saal's calls for better public health regulations have appeared in *Newsweek*, *The New York Times* and on NBC's *Today* show.

Vom Saal led a national panel studying BPA, a chemical widely used to make plastic baby bottles, dental sealants, DVDs and food containers labeled with a No. 7. BPA

leaches out of these products, and some scientists say it can cause problems in our bodies. Chemical companies disagree. However, animal studies connect even very low doses of BPA with cancers of the breast and prostate, reproductive tract abnormalities and behavioral problems.

Vom Saal told *Newsweek* that the effects of BPA are particularly acute for fetuses and newborns, whose organs are developing rapidly. "We can't say there are conclusive data in humans. But given the fact that we're seeing irreparable damage in animals, for heaven's sake, let's get this out of products our babies are coming into contact with."



Photo by John Tully

decided to take the class together.

After completing the class, Rose and Tschopp attended Buffett's annual conference, where they toured his local companies, accompanied him to dinner, and spoke with him during a question-and-answer session.

Getting a chance to learn the ropes from the man himself was an opportunity that both Rose and Tschopp will cherish. "I'm in the medical field, so I like to refer to Mr. Buffett as a universal donor," Rose says. "He has something for everyone. Young and old can benefit from his wisdom."

M **MORE** > Students rub shoulders with the Oracle of Omaha.
mizzoumag.missouri.edu

Mark Twain harmonizes human conditions

When Mark Twain died in 1910, dozens of obituaries painted him as a sage of human nature. Sure enough, trying to get a handle on people's inherent qualities — or the lack thereof — was a task that always fascinated the humorist. A new book by English Professor Tom Quirk, *Mark Twain and Human Nature* (University of Missouri Press, 2007), charts the themes and swings in Twain's thinking over his lifetime.

"Mark Twain had a lifelong interest in his fellow creatures," Quirk says. Twain held several views on human nature, sometimes simultaneously. For instance, he believed variously that the shape of a person's skull revealed character, that people were contaminated with original sin, that humans could use reason (not just belief) to guide behavior, and that all people are born as blank slates and shaped wholly by circumstances.

Although he eventually disavowed some of these views, Twain always held on to his beliefs about the importance of humor. He considered it "an indispensable part of a healthy human nature," Quirk writes. Twain thought it fostered an imaginative and expansive way of looking at the world.

Five years before his death — bitter from having suffered personal, professional and financial setbacks — Twain had the following to say about humor: "It is the effort to throw off, to fight back the burden of grief that is laid on each one of us. In youth we don't feel it, but as we grow to manhood we find the burden on our shoulders. Humor? It is nature's effort to harmonize conditions. The further the pendulum swings out over woe, the further it is bound to swing back over mirth."



Illustration by Blake Omsdale and ©-stockphoto.com

Mark Twain attempted to understand human nature through phrenology, in which personality traits can be "read" in the features of the skull.

M **MORE** > Read Mark Twain's views of human nature.
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Tracking Buffett

Although Warren Buffett topped *Forbes'* list of the World's Billionaires in March 2008, he continues to share his secrets for success with those who attend MU's annual student trip to Nebraska. Business students Dr. John Rose and his daughter, Lisa Tschopp, were just two of the attendees at this year's event March 14.

Last year, Rose was at home in Fresno, Calif., when he saw a TV program about Buffett that mentioned a Mizzou class taught by Andy Kern — Finance 8001: Investment Strategies of Warren Buffett. He contacted his daughter, and they

Cinderellas attend prom in gently worn gowns

With its Cinderella Project, MU's Association of Textile and Apparel Management (ATAM) steps into the role of fairy godmother for many young women who might otherwise miss the prom.

The project, which began in spring 2007, collects gently used prom dresses through community donations. Prom dresses are usually worn only once. "It is such a waste to let them just sit in a closet forever when someone else could use them," says Jaime Mestres, ATAM adviser in the College of Human Environmental Sciences.

"Prom can be extremely expensive for high school students, and is often [not an option] for students in low-income families," says senior Maggie Shannon, chair of the Cinderella Project. "It is our hope that the Cinderella Project and similar projects will allow all high school students, regardless of their income, to attend this milestone if they so desire."

Between 2007's leftovers and 2008's donations, ATAM had more than 400 dresses, and Tiger Cleaners dry-cleaned the gowns for the project. On April 12, 2008, more than 60 girls from mid-Missouri school districts participated in the annual shopping day. Each received a free prom dress as well as coupons, cosmetics and chances to win gift certificates for prom amenities.



From left, Morgan Fisher, Peggy Worstell, Michelle Nichols and Bonnie Nichols check out prom dresses at this year's Cinderella Project.



Photo by Nicholas Berner

Judith Goodman, an associate professor at MU, lives at 211 Westwood Ave., a 1911 home selected as one of the Columbia Historic Association's most notable properties in 2008.

Shannon is proud of the project's success. "We know that it takes a few years of holding an event before the community becomes familiar with it," she says. She is confident that the project will continue to grow. "Increased awareness will translate into more guests stopping by, and [we] will be able to give away all of the dresses we receive."

Honoring historic homes

This year's edition of the Columbia Historic Preservation Commission's most notable historic properties list features 10 public and private buildings, half of which have ties to current or past MU faculty.

Judith Goodman, associate professor and chair of communication science and disorders, lives at 211 Westwood Ave., one of the notable properties. Her home, built in 1911, has had only four owners in the last 97 years.

Theo Irion, dean of the College of Education from 1930 to 1946, and his wife, Edith, owned the home from 1930 to 1972. After her husband's death in 1952, Edith opened an art gallery in the home and used

the proceeds to fund two scholarships in the College of Education. "Mrs. Irion collected paintings, glass, antique silver and figurines from Europe for the gallery," Goodman says, reading from Edith's obituary in the Aug. 16, 1972, issue of the *Columbia Missourian*.

In order to be nominated, a property must be 50 years old, home to a historical figure, built by a well-known architect, or have some other historical or architectural significance. Properties are nominated in October or November by commission members and through applications on the City of Columbia's Web site. Commission members then vote to select the final list.

Goodman thinks the selection process must be difficult. "There's block after block of notable properties [in Columbia]," she says. Other properties with MU ties include:

- **509 Thilly Ave.:** Lincoln Hyde, professor emeritus of bridge engineering, and his wife, Emma, commissioned the home in 1910. The foundation is made of limestone from the same site as the stone used to construct White Campus buildings.
- **511 Westwood Ave.:** Edwin Branson, chair

of the geology department in the early 1900s, and his wife, Grace, built the house in 1923. The interior and exterior decorative features incorporate wrought iron shipped from New Orleans.

- **2011 N. Country Club Drive:** A.W. McAlester, who helped develop MU's School of Medicine, built the house as part of a 160-acre farm.
- **2007 S. Country Club Drive:** Barry McAlester, son of A.W. McAlester, built the home in 1927. The McAlester crest presides over the living room, and the dining room features original hand-painted wallpaper.

Redefining chocolate

As one of only a handful of "bean-to-bar" chocolate makers in the United States, Patric Chocolate in Columbia competes with some big names, including Ghirardelli, Mars and Hershey's. But Alan McClure, BA '05, owner and founder of the company, isn't intimidated.

"In my chocolate, there are only two ingredients," McClure says, referring to cacao and sugar. "There's a philosophy underlying that, and it's not because I'm simple. It's because cacao has an amazing taste, an amazing flavor and an amazing aroma. It's a flavor that I would like to highlight. The best way I've found to do that is to minimize, to simplify."

"Bean-to-bar" chocolate means that the maker starts with raw, dried cacao beans from the grower and ends up with a packaged chocolate bar. Patric Chocolate — which gets its name from an altered spelling of McClure's middle name — is a one-man operation, and McClure performs each step of the chocolate-making process himself.

"I would like to stay by myself for as long as possible. I feel like I can do a better job than if I were to hire someone. I remember what I was like, working as a teenager, and I did not care very much about the quality of my work. I care a lot now."

Due to press and speaking engagements, people are discovering Patric Chocolate,



Photo by Rob Hill

McClure says. Each month, he makes about 1,000 bars of dark chocolate with 67 percent and 70 percent cacao content. "You can't make chocolate quickly," he says. "It takes time."

And people seem to appreciate the time McClure dedicates to producing a high-quality product. Comments range from "I want to marry you," to "I really respect what

Alan McClure produces dark chocolate from cacao grown in Madagascar.

you do," to "Thanks, I like your chocolate."

A bar of Patric Chocolate sells for about \$6 at Root Cellar, World Harvest or Super Suppers in Columbia.

More: www.patric-chocolate.com

Three wrestlers earn All-America honors

Scrawled across the dry erase board on the door of the wrestling room in the Hearnes Center is a message: Actions speak louder than words. Through a roller coaster season in which the Mizzou wrestlers tasted victory and faced failure, three wrestlers spoke with their actions by earning All-America honors at the NCAA Division I Wrestling Championship in March.

Sophomore Nicholas Marable of Collierville, Tenn., junior Raymond Jordan of New Bern, N.C., and sophomore Max Askren of Hartland, Wis., will be returning next season as All-Americans after finishing third, fifth and seventh in their respective weight classes. "I told them before they wrestled, 'This is the start of next season,'" head Coach Brian Smith says. "Go out and set the precedent for where you want this program to go." All three wrestlers will be high in preseason national rankings.

Marable ended the season with a record of 27-4. "Performing at this level is great," he says. "Our guys fought hard this season, but we didn't achieve as much as we wanted."

Jordan finished his season with a record of 26-6. "He's got great God-given talent, but he doesn't just accept that," Smith says. "Once he got over the confidence barrier and realized, 'Yeah I can beat these guys,' he's been tough."



Photo by Shane Epping, Mizzou Wire

"What happened last year is last year," says All-America wrestler Raymond Jordan. He hopes to help Mizzou win a national title next season.

Askren enjoyed success as well, finishing the season at 26-4. Following in the footsteps of his famed older brother, Ben, Mizzou's only NCAA Division I Champion, Max understands the value of setting concrete goals and ignoring the hype. "I've always felt these things are just everyone else's way of measuring me," he says. "I have to challenge myself and not pay too much attention to everything else."

Now the challenge for Mizzou's wrestlers is winning a national title, individually and as a team. Returning three All-Americans is a big accomplishment, but it isn't enough. "I never feel fulfilled," Askren says. "If I feel satisfied with what I've done, then I probably won't wrestle anymore."

Mizzou pitcher shuts competitors down

When the baseball season started this spring, several organizations touted Mizzou as one of the top teams in the nation, with much of its strength in its pitching staff. Junior pitcher Aaron Crow delivered — big time — putting his name and the Tigers on the national scene.

What seemed like an overnight sensation was really the culmination of years of hard work and luck paying off. Crow, a Wakarusa,



Photo courtesy of MU Intercollegiate Athletics

Pitcher Aaron Crow helped propel the Mizzou baseball team into the national spotlight with his impressive streak of shutouts.

Kan., native, began playing tee ball when he was 5 or 6 years old. He hoped to be an all-around superstar but learned early on that he didn't have all the tools. "When I was younger I liked playing a position and hitting," Crow says. "But as I got older, I realized I couldn't hit, so I had to pitch."

He stood out in high school and caught the eye of Mizzou baseball Coach Tim Jamieson. "If there is a better pitcher in college baseball, I haven't seen him," Jamieson says. "Even when he's not at his best, he's better than most. When things get tough, he gets better."

Crow's freshman year at Mizzou was a test of patience and perseverance. He made 13 starts but failed to win a game until his final outing. He pitched well, but lost

several heartbreakers.

As a sophomore, he became the Friday night starter. He pitched 117.2 innings, which ranked second in the Big 12 and fourth all-time at Mizzou, and he led the team with 90 strikeouts and nine wins.

Crow started off his junior season on fire. After allowing runs in his first two games, he entered a streak of 43 scoreless innings and quickly picked up seven wins. The six-week shutout streak gained national attention and affirmed Crow as a top prospect for the Major League Baseball draft in June. It also garnered him several awards, such as Big 12 and National Pitcher of the Week honors. But Crow isn't fazed.

"I really don't focus too much on those things," he says. "I focus on what I can do for the team. I think what the team accomplishes is much more important than individual accomplishments."

No-contact Frisbee game is ultimate fun for women

On a breezy spring evening, Frisbees fly around Stephens Lake Park in Columbia, but it's not a casual game of tossing—MU's women's ultimate Frisbee team, the MUchachas, is practicing.

"A lot of people think ultimate is a hippie sport, where a bunch of people get together and casually throw around a Frisbee," player Beth Aubuchon says. "But it's much more hard core. There is a lot of work, skill and training."

The MUchachas have been at Mizzou, off and on, for about 10 years under various names.

The fast-paced, no-contact sport creates a camaraderie among teammates and opponents. "There is a unique attitude with ultimate," says Maureen

McHugh, co-captain. "It's all-inclusive."

Their bond facilitates an unusual aspect of ultimate—a lack of referees or officials. "We are governed by what we call 'the spirit of the game,' where people call their own fouls and respect the sport and their opponents," McHugh says.

The MUchachas have two seasons a year—a fall club season and a spring college series. They travel on weekends to tournaments and play four games on a Saturday and a varying number on a Sunday, depending on how they perform. Common opponents for the MUchachas include Washington University, St. Louis University and the University of Kansas.

"We go neck and neck with Kansas a lot," McHugh says. "It's always a competitive game." The MUchachas lost to KU this spring but defeated them last fall.

The 2008 spring season was hard on the MUchachas, as they didn't have enough players to provide ample substitutions during games. With only 10 players, it was tough for them to keep up the rigorous pace needed to compete well. "We've got the talent to be extremely successful," says Fresa Jacobs, MUchachas assistant coach. "We just need more bodies to play, so a few girls aren't having to pull all the weight."



MUchachas co-captain Maureen McHugh passes the disc to a teammate during practice. A marketing major, McHugh hopes to get more people involved in ultimate Frisbee.

Scoreboard

HOME	GUESTS
DOWN	105 TOUCH
	DIR



26,322: Record attendance at the Black and Gold football game on April 18, 2008. It was fans' first chance to see the 2008 Cotton Bowl champions before the fall season starts. The black team won 71–28.

Also, a record 13,826 pounds of food were collected for the Central Missouri Food Bank. Fans could pay \$3 or donate three cans of food.

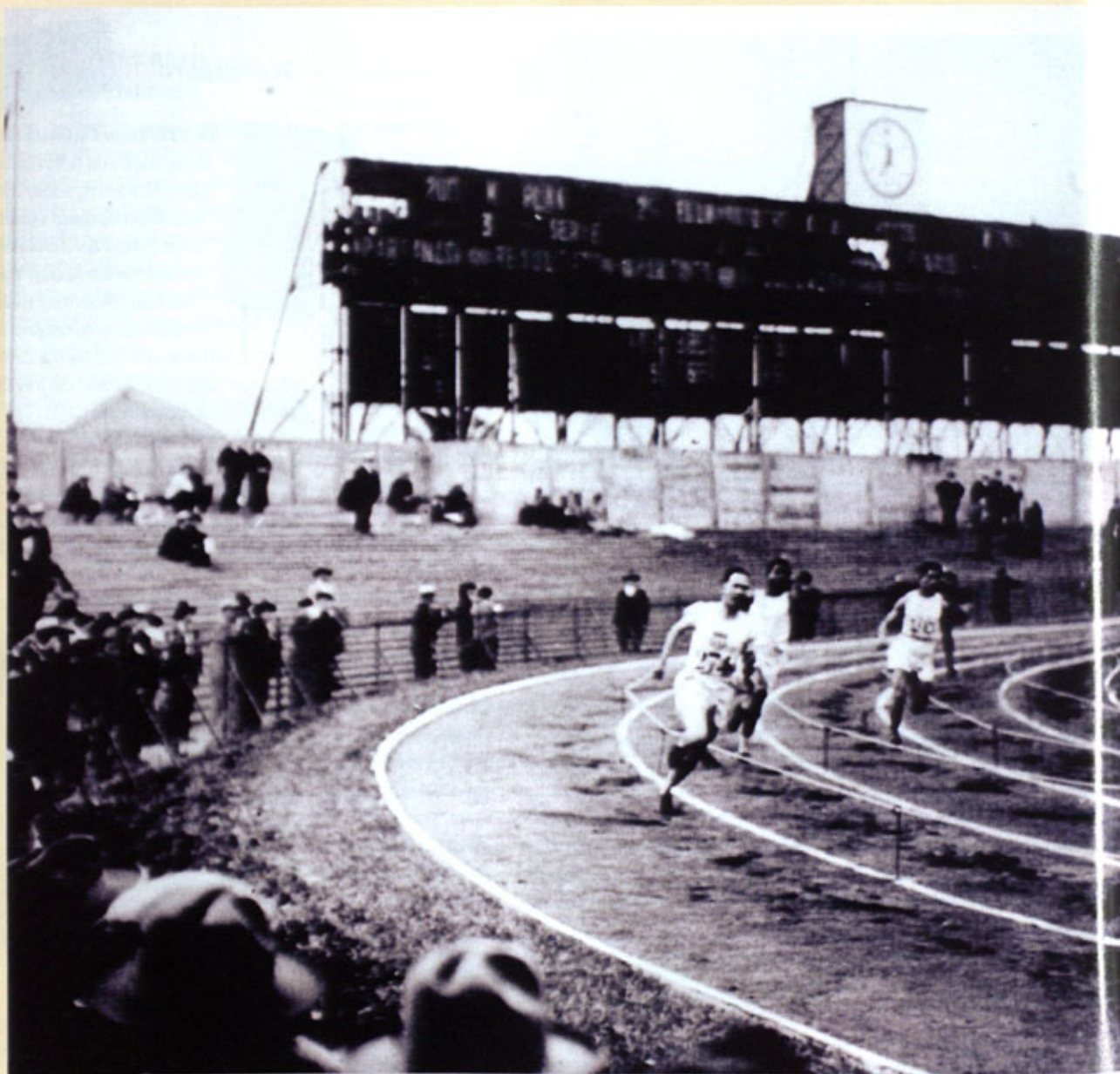
9: MU gymnasts named to the All-Big 12 Academic First Team. Honorees must have a 3.0 GPA or higher and participate in 60 percent of the team's scheduled events.

\$22 million: Value of the new, five-year contract awarded to former MU baseball star, Ian Kinsler, from the Texas Rangers. Kinsler, who has played second base for the Rangers since 2003, will earn roughly \$4.4 million dollars a year.

3,154: Number of wrestling fans at Hearnes Center to watch the Mizzou wrestling team defeat Big 12 rival Oklahoma on Feb. 8, 2008. The Tigers brought in 11,429 fans during five events throughout the season and ranked 10th in the nation for wrestling attendance.

170.7: Distance in feet that Shernelle Nicholls of MU's track and field squad threw a discus at the Missouri Relays in March. She broke her own school record of 167.9 feet.

273.35: Score that put junior diver Kendra Melnychuk in 10th place at the NCAA Women's Swimming & Diving Championships. The Saskatoon, Saskatchewan, native is the first diver from Mizzou to finish in the top 10 at the national championship.



Jackson Scholz was a formidable sprinter of the early 20th century. Scholz won a gold medal in the 200-meter race at the 1924 Olympics in Paris.

In the film *Chariots of Fire*, a character based on Scholz races against one of the men in the movie poster, right.

Top photo courtesy of Don Holst
Photo at right ©1981 Warner Bros.



Chariots of Fire

Meet Olympic gold medalist Jackson Scholz, BJ '20. A character based on this Tiger track star appeared in a popular film from 1981.

Story by Dale Smith

Back in 1981, Jackson Scholz seemed like one of the few people who didn't care to see *Chariots of Fire*. The blockbuster film celebrated what, until the movie release, had been largely forgotten Olympic performances by some runners from the British Isles. Scholz was there himself in Paris in 1924, sprinting against the likes of Harold Abrahams and Eric Liddell, gold medal winners whose characters were at the center of the film. A character based on Scholz also appears in the film: He's the gracious brown-haired athlete from the United States who, seconds before a big race, hands Liddell a note including an inspiring biblical quotation: "It says in the old Book, 'He that honors me, I will honor.' Good luck, Jackson Scholz." At another point in the film, his character meets the Prince of Wales.

By 1924, the real-life Scholz already had won collegiate sprint competitions as a member of MU's track team and competed in the 1920 Olympics. He went on to compete in 1928 as well. In all, he won three Olympic medals — a gold in the 4-by-100 relay in 1920, a gold in

the 200 meters in 1924 and a silver that same year in the 100 meters.

Scholz died in 1986 at age 91, and the old sprinter never did see *Chariots of Fire*, though he owned a copy. He had read some reviews of the movie and objected to inaccuracies. For starters, he never met the prince or handed Liddell the note. What's more, they mispronounced his name, making it sound like Schultz.

"How could they possibly know what I was thinking or feeling," Scholz remarked to Don Holst, MS Ed '57, who interviewed the sprinter at his retirement home on Oct. 25, 1986, in Del Rey Beach, Fla. Holst, a story in himself, is a former Mizzou graduate assistant for Tom Botts in track and Don Faurot in football; he also was a college coach and administrator, a painter and an author. He coached the men's decathlon squad for the 1968 Olympics. Based on the interview with Scholz, Holst wrote a chapter for his book, *American Men of Olympic Track and Field* (McFarland & Company, 2004).

Chariots of Fire notwithstanding, Scholz was anything but sour. "He was a humorous little guy," Holst says. "He weighed maybe



85 pounds when I met him. When it was time for lunch, he got into a motorized three-wheeled cart and raced around corners all the way to the cafeteria. Then he said, 'Let's sit over here and get away from those old people.'

In addition to Scholz's running career, he piloted Navy airplanes, reported for the Associated Press and wrote dozens of children's fiction titles with sports-oriented plots.

Scholz gave a wide-ranging interview to Holst, and here is a little of what he said:

Mizzou's track team

"I enrolled at the University of Missouri, where they had many fine athletes at the time. Brutus Hamilton was a good friend of mine. He was a decathlon man and barely missed the gold medal in the Olympics. In 1952, he was coach of the Olympic team for the Helsinki games.

"Bob Simpson was also on the team. He was the finest hurdler in the world, and I competed in his shadow. I was just a shade faster and quite a bit shorter than Bob.

"Henry Schulte was our coach at Missouri — a very fine man, who kept an eagle eye on us. I remember once when he saw me walking across the street, he yelled at me, 'Toes in Jack. Toes in.' I had a tendency to toe out a little when I was running. He was a fatherly type person, and we were very fond of him."

Launching a writing career

After discovering that farm work didn't agree with him, Scholz changed his major from agriculture to journalism.

"I started writing short stories toward the end of my schooling. A close friend of mine, who had just graduated, had taken a short story course. I got a very exciting letter from him one day, saying he had sold his first short story. Well, I thought, if he can do it, so can I. I rented a typewriter and went to work."

Track then and now

"We did all our running exclusively on

cinders, which was not the best surface we could have run on. The tracks were unpredictable: They were hard, soft or loose. There is no question that the modern tracks bring out the best in a man. Another thing we never bothered with was weights, but we did a lot of stretching exercises

'Some people call me a hero, and it embarrasses me. The whole thing depends on a natural ability to start with. If you have it, you have it. A person doesn't deserve all the credit. It always looks so awesome when it's the other fellow.'

— Jackson Scholz

every practice. Our training also emphasized high kicking, which was believed to be essential in keeping the hips limber.

"One of the things I am often asked is how I would compare today's athlete with the athlete of yesterday. I have always maintained that they were just as good, especially in track and particularly the sprinters. I believe they were equally competent and perhaps better, because these days athletes run with starting blocks, improved tracks and proper timing.

"We had no opportunity to compete under those conditions. When you were getting ready for a race, you just dug a

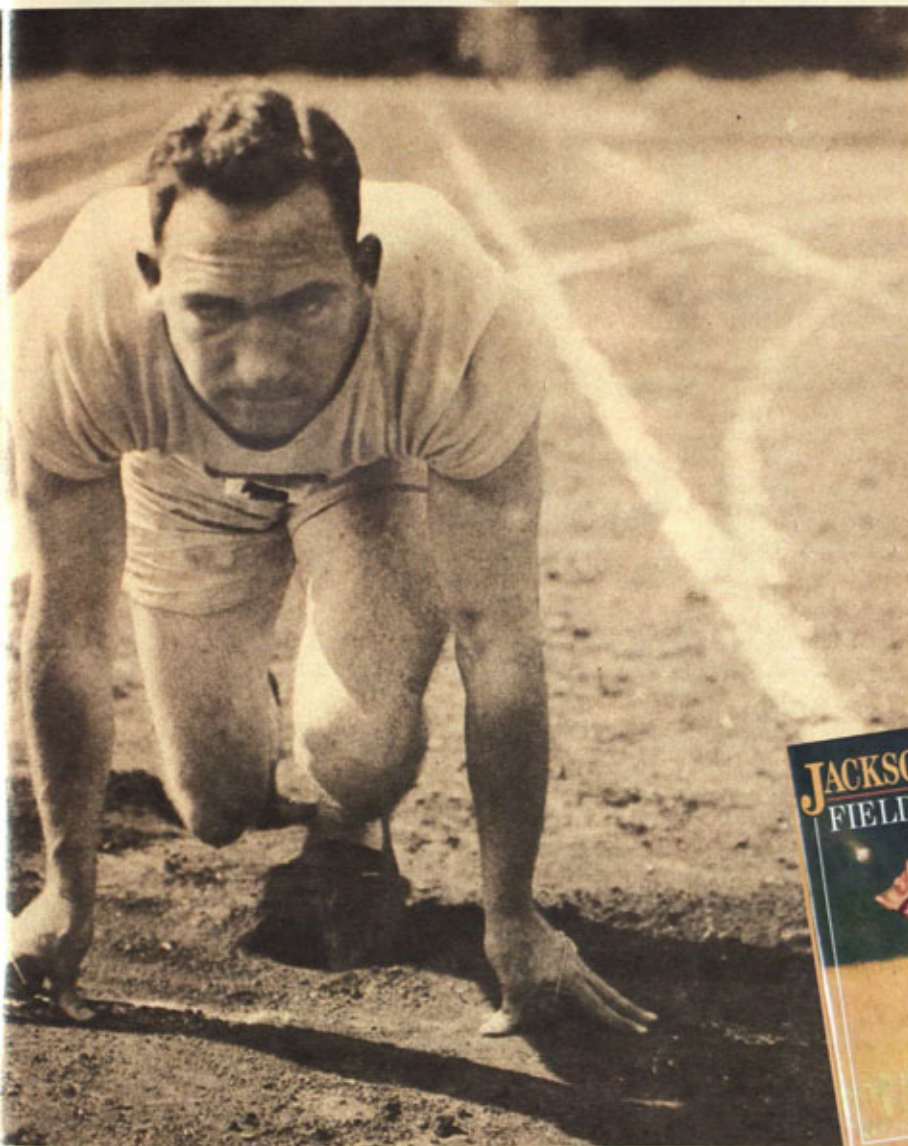
couple of holes in the ground — there were no starting blocks. This suggests to me that a runner might lose several tenths of a second right there. Travel was quite different, too. Most of it was done by train, hundreds of miles of it."

The language of sport

After the 1924 Olympics, Scholz traveled with some other athletes to Japan, where he gave this speech:

"Although at a meeting of this sort, we are handicapped somewhat by being unable to speak each other's language, we may find a great deal of satisfaction in the knowledge





After the 1924 Olympics, Scholz toured parts of Europe and Asia to compete and give workshops. In Japan, he gave a speech suggesting that friendships made among Olympic athletes of different countries could lead to world peace.

Photo by The Asahi Sports, circa 1924

Don Holst, MS Ed '57, interviewed Scholz just before he died in 1986. Holst donated Scholz's stopwatch to the university.



that there is being developed a language of athletics, a language which does not have to be spoken by the lips, but which, nevertheless may be easily learned by all on the field of competition. ... The language of athletics is based upon the simple code, 'the game for itself.' It is the aim of each country, desirous of learning this language to send their men into competition with this fundamental idea uppermost in their minds — to lose with a smile, but above all, to win like a gentleman."

Goodbye, Jackson

Holst wrote the following lines about his time with Scholz, who died shortly after their interview.

How short the stay
when at the last,
all is shared

Life is gathered
And weight of time
Sings a final song ■

Scholz went on to become a successful writer of fiction for young people. Many of his books involved sports.

MORE > Covering Mizzou at the Olympics.

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a global vision

From his vantage as MU chancellor, Brady J. Deaton sees the university's progress and promise.

Story by John Beahler

Brady J. Deaton says one of the best parts of his job as MU chancellor is the chance to get an overview of Mizzou's many achievements. "It's a great joy being in the kind of position I'm in," he says. "You get to look out and see all the fabulous things we're accomplishing at the University of Missouri."

But that can also be one of the most frustrating aspects of his job, says Deaton, who became chancellor in October 2004. "Sometimes I'm astounded that others don't see all these successes as clearly as we do," he says. After all, public higher education had a huge impact on his own life, and Deaton is puzzled when others don't share his enthusiasm for it.



Chancellor Brady J. Deaton says that MU has a unique role as the state's flagship university. "Our ultimate goal is to help elevate the quality of life," he says.

Photo by Nicholas Benner

He delights in pointing out just a few of MU's highlights in recent years:

- Outside **funding for research** has exploded. Over the past 10 years, federal research funding for Mizzou scientists has grown faster than at any other public university in the country. In fiscal year 2005, the university generated more than \$220 million in research and development spending, which supported \$450 million in economic activity and 9,000 jobs.

- Because of that growth in research, more and more MU undergraduates are working with faculty mentors on **real-world research** long before they become graduate students.

- Top high school graduates in Missouri and other states are voting with their feet and enrolling at MU in **record numbers**. Total enrollment was 28,477 in fall 2007, up by nearly 5,200 students since 2000. Enrollment numbers also look strong for fall 2008.

- In November 2007, the University of Missouri System's governing board agreed to **restore MU's original name**, University of Missouri. The name restoration recognizes MU's historical importance as the state's flagship campus and underscores its national prominence.

- MU's fundraising campaign, **For All We Call Mizzou**, is nearing its **\$1 billion goal**. By April 2008, the campaign had raised \$932.81 million for scholarships, endowed chairs and professorships, and enhanced programs and facilities.

- In 2008, MU celebrates **100 years of membership** in the Association of American Universities (AAU), which is the most prestigious group of research universities in the country. Mizzou was one of just a handful of public institutions that were invited to join the association in the first decade of the 20th century.

- This year, MU also celebrates the **100th birthday of the School of Journalism**, the world's first journalism school. A

Since the start of the
For All We Call Mizzou
campaign in 2000, the
university has gained
97 new endowed
chairs and 1,500 new
scholarships.

\$31 million gift from the Donald W. Reynolds Foundation established the Reynolds Journalism Institute at MU as a world-class center for studying and testing new models of journalism.

- MU professors are doing pioneering research in **new exciting fields**. Over the past few years, Mizzou has established research centers in nanotechnology (manipulating atoms and molecules to create microminiature devices), in comparative medicine, and to discover new treatments for autism and neurodevelopmental disorders, to name just a few.

- MU is a **national model for mathematics and science education**. Mizzou has received more than \$7 million in funding from the National Science Foundation to develop programs that recruit and train new math and science teachers to meet a growing shortage in the field.

- Mizzou has become **known as a "writing university"** for its nationally recognized programs in creative writing, playwrighting and journalism.

A complex mission

Deaton isn't ambiguous about his responsibilities as the University of Missouri's chancellor. His résumé states it succinctly: "The chancellor assumes responsibility for all campus operations." Succinct perhaps, but hardly simple. Major public research univer-

sities such as Mizzou are among the most complex organizations in the world.

With more than 40,000 faculty, staff and students, MU would be one of the larger cities in Missouri if it were on its own — a city with its own power plant and water system, police force, radio and television stations, residence halls and dining facilities for 6,000 students, sports teams and stadiums, and thousands of acres of farms.

When you add in MU's land-grant mission to spread the latest scientific knowledge to people in Missouri and around the world, Deaton's role takes on an international dimension. That possibility didn't seem likely when he was growing up on a small farm in the Appalachian Mountains of eastern Kentucky.

His family raised corn, tobacco and hogs, and Deaton remembers working the fields with a horse-drawn plow and helping his dad with carpentry and bricklaying jobs in the summers. He also found the time to read every book in his grade school's tiny library.

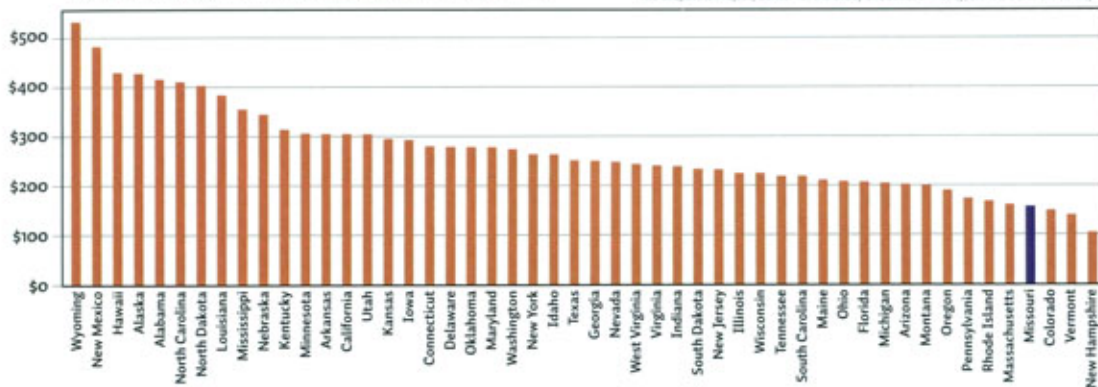
An early introduction to 4-H programs opened Deaton's eyes to the possibilities of what might lie past the hills and hollows that stretched beyond the family farmstead. Those early education experiences eventually steered him to a career that has taken him around the world, to work on such problems as hunger, poverty, food security and economic opportunity.

Deaton wants young people today to experience that same sense of wonder. He wants them to know that, with hard work and a high-quality education, almost anything is possible, no matter their financial resources. He wants Mizzou students to understand they can succeed in any corner of the globe.

His first international experience came when he joined the Peace Corps in 1962 after two years at the University of Kentucky. Deaton taught vocational agriculture in Nan, Thailand, in the Thai language, which he still speaks fluently. During his first two years at Kentucky, he planned to study

Ranking of states on appropriations of state tax funds for operating expenses of higher education per capita 2008

The Grapevine Project, Center for the Study of Education Policy, Illinois State University



Missouri ranks near the bottom among states for per capita state funding of higher education. In fiscal year 2008, Missouri ranked 47, spending \$159.05 per capita. At the middle of the pack, Texas ranked 25, spending \$253.44. Wyoming was No. 1, spending \$536.96.

animal genetics to improve milk production for dairy cattle. To help pay his way, Deaton tended the university dairy herd and lived in a room above the dairy barn.

Deaton's time in Thailand changed his original academic goal. "After the Peace Corps, I switched to agricultural economics because I felt we knew enough science to feed the world," Deaton says. "The real job was in organizing and getting the political and economic will to do it."

People at Mizzou know Deaton as an accomplished administrator, but he's also a nationally respected scholar on economic and rural development issues. At the University of Tennessee, his first faculty post, he worked on rural poverty problems in Appalachia. He also has consulted overseas in Africa, Asia and the Caribbean, and he worked with food aid programs in Kenya and Zambia.

The university's role

Deaton's international academic work underscores his philosophy about the role of higher education: "I think a university's work ought to be pulling together basic knowledge from diverse fields and making that knowledge serve society," he says.

"As a major land-grant research university, we must be developing new knowledge

at all times and in all fields. We have a different role than other higher education institutions, because we are here to develop new knowledge and to disseminate that knowledge both in the classroom and off campus. Our ultimate goal is to help elevate the quality of life."

Mizzou's bottom line

Some lawmakers who control the state's higher education purse strings suggest that colleges and universities should simply

MU has managed to absorb state budget reductions by reallocating money, holding positions open, and requiring students and their parents to pay a larger share through higher tuition.

cut their costs in tight financial times. It isn't that simple, Deaton argues. The state's appropriation for higher education is really an investment in Missouri and its citizens, he says.

The state has been skimping on that higher education investment in recent years. Since 2001, Missouri's appropriation to support MU has dropped by more than \$11 million — from \$193 million in 2001 to \$181.8 million in 2008. If that appropriation had increased only at the rate of inflation, Mizzou would be receiving \$50 million more each year from the state.

Over the past five years, MU has managed to absorb state budget reductions by reallocating money, holding faculty and staff positions open, and requiring students and their parents to pay a larger share through higher tuition. In 2004, for the first time in its history, Mizzou received a larger percentage of its operating budget from tuition than it did from the state. That trend continues.

Universities, and especially large land-grant research universities such as MU, can't just flip a switch on and off to increase and decrease their academic and research enterprise in the same way a manufacturer can.

"There's no real comparison," Deaton

says. "We're a knowledge industry. We produce knowledge, not things. And, as a land-grant university, we also have a mission to disseminate that knowledge and ensure its application in targeted ways. Higher education is not a rote, manufacturing process, a die that stamps out a piece of metal the same way every time. We're dealing with human beings and the human brain, with all its capacity and creativity."

MU and its supporters have to convince the legislature that the university desperately needs more public funds, Deaton says. In fiscal year 2008, Missouri ranked fourth from the bottom in per capita state funding for higher education, according to the Center for the Study of Education Policy at Illinois State University.

"The future of this state depends on its ability to fund what's happening on this campus. It would be very shortsighted of them if the legislature fails to do that. We are not a poor state, and this university should not be funded as if we were a poor state."

Access and affordability

Is the state's budget-cutting a penny-wise and pound-foolish policy? The facts bear that out, Deaton says. Low state funding for MU robs the campus of intellectual venture capital it needs to invest in vital programs and new opportunities, he says. Science and scholarship is changing so quickly that, in many fields, being just a year or two behind the leading edge practically puts scientists and researchers back in the horse-and-buggy days.

Because Deaton must balance Mizzou's budget every year, falling state appropriations have forced the university to boost tuition. That means current and future students might be shortchanged the most, and Deaton has pledged to do everything he can to keep Mizzou affordable. His administration has committed record amounts from endowments and the university's general operating budget for need-based scholarships. In fiscal year 2004,

MU spent \$35.9 million on undergraduate scholarships. By 2007, that number had increased to \$46.7 million, nearly a 30 percent increase.

In April, Mizzou launched a long-term scholarship initiative called the University of Missouri Flagship Scholars. The program's goal is to raise money from private donors to endow at least one full-ride, four-year scholarship worth up to \$15,000 in every county in the state and the city of St. Louis.

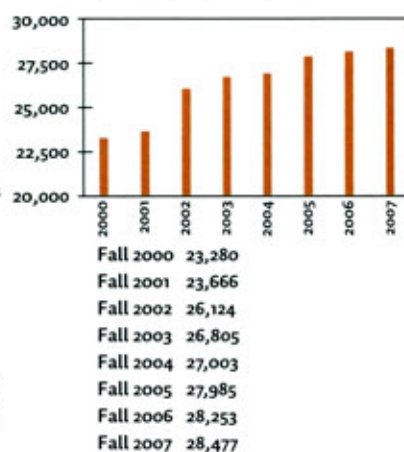
The Show-Me State is falling behind when it comes to college access and completion. The percentage of Missouri high school graduates who go on to college is relatively low. So is the graduation rate. Nearly 28 percent of adults in the United States have a college degree, but only 24 percent of Missourians have a degree.

Mizzou has developed several programs in recent years to help qualified students consider a college career when otherwise they might not. For nearly a decade, different schools and colleges at MU have hosted college-visit programs that acquaint potential students from underrepresented groups with their college options in areas such as medicine, engineering and veterinary medicine.

This fall, MU will initiate its Missouri

Nearly 28 percent of adults in the United States have a college degree, but only 24 percent of Missourians have a degree.

Enrollment growth, 2000–07



Total enrollment has increased 22.3 percent between 2000 and 2007, from 23,280 to 28,477. In 2002, MU started including students enrolled in on-campus evening programs and online courses in the total count. Enrollment for fall 2008 is not yet available, though freshman deposits are up by 26 percent from the same time last year.

More: registrar.missouri.edu/statistics/index.php

College Advising Corps in eight high schools in the St. Louis and Kansas City areas and in southeast Missouri. The college advisers will be recent Mizzou graduates who work one-on-one with high school students to broaden college access by demystifying the enrollment and financial aid process for underrepresented students. Other advisers will be assigned to three Missouri community colleges to smooth the transfer process to MU and other four-year colleges.

Taking care of teachers

As a veteran professor himself — during his career, he has held every academic rank from assistant professor to department chair — Deaton knows that faculty are key to the university's long-term success. "The only way you can have a great university is to have great faculty. You simply can't have one without the other," he says.

"That means we've got to ensure that we're recruiting the best faculty, and that once we get them here, we nurture them; we retain them. We find ways of supporting



their scholarship and their ability to interact effectively with students.”

But he warns that efforts to retain Mizzou’s best professors are being stymied by low faculty salaries. A fall 2006 survey by the American Association of University Professors found that MU faculty salaries were second from the bottom among the 34 public AAU universities. From 1997 to 2006, MU had the lowest growth rate among its peers in salaries for ranked faculty. During that time, MU faculty salaries went up by a total of 20.4 percent compared with 49.2 percent for faculty at the highest ranked school, the University of Maryland at College Park.

Deaton’s goal is to raise the salaries for ranked faculty members to the median of public AAU universities, in part through a

three-year plan called Compete Missouri. That plan will close a projected \$7 million deficit next fiscal year through cost-savings, new revenues and by not filling many vacant faculty positions, and it will dedicate \$2 million of that money to enhance faculty salaries. That’s in addition to a planned 4 percent increase for merit raises.

At a special faculty meeting in early May, some professors warned that those salary increases could come at the expense of MU’s teaching mission. Regarding faculty salaries, Deaton says the university must keep pace.

“If Missouri is to compete successfully with other states in economic development, and if our students are to compete successfully for jobs and graduate education, then we must have the faculty

Every spring, Deaton visits classrooms of faculty members who receive William T. Kemper Fellowships for Teaching Excellence, as he did this April, accompanied by Commerce Bank Chairman Jim Schatz, center, and Deputy Chancellor Mike Middleton. “The only way you can have a great university is to have great faculty,” Deaton says. “You simply can’t have one without the other.”

and staff who can make that happen and not lose them to other states and private institutions,” Deaton says. “We firmly believe that the future of our state’s social and economic progress is linked to the University of Missouri.” ■

MORE > Anne and Brady Deaton welcome guests into their home on the Quad.
mizzoumag.missouri.edu



The bend of

The history of the venerable bow and arrow — as deadly weapon, toy, art object, status symbol and fashion accessory — resides at MU in the Charles E. Grayson Collection. And now a new book highlights this first-rate collection of archery-related artifacts ranging from composite bows to oil paintings.


"The Grayson collection spans the globe and time periods from 4,000 years ago to modern times," says Michael O'Brien, dean of arts and science, director of MU's Museum of Anthropology and a lifelong archer. "It's the best in the world."

O'Brien, who grew up in Houston letting arrows fly in his back yard, received the donated collection from Grayson, 97, a retired, Clatskanie, Ore., physician, who had built it over his lifetime. As a youngster growing up

in Riverside, Calif., Grayson made his first bow from a stave of lemonwood he won by selling tickets to a movie about archer Art Young. The lad soon took to archery competitions and at one time held the amateur record for the 65-pound class in flight shooting. As an adult, he collected gear during hunting trips and other travels around the world.

Along with Grayson and Mary French of the American Museum of Natural History in New York, O'Brien wrote the book about the collection, *Traditional Archery from Six Continents* (University of Missouri Press, 2007). The book's continent-by-continent organization includes essays about archery in each region, plus images of about 300 of the collection's roughly 4,000 pieces.

More: anthromuseum.missouri.edu/grayson/grayson.shtml



◀ A Diegueño bowyer of the American Southwest made this bow of elderberry or willow in the early 20th century.

the bow

Story by Dale Smith
Photos by Dan Glover



▲ Chinese archers used thumb rings similar to these from the 17th century to early 20th century to pull back the string of powerful composite bows. Finely crafted rings became symbols of power. The aristocracy sometimes wore them in cylindrical cases suspended from the waist.



▲ In early 20th century Suriname, small bamboo cases such as this one held poisoned arrowheads that archers attached when ready to shoot.



▲ The collection includes an Iranian pen box, featuring hunting scenes common in Persian miniature paintings of the 18th century and 19th century. Such paintings appeared on bows as well.



◀ These Japanese broadhead arrows are part of a traditional category known as *yanone* or *yajiri*. These may have been made from the 17th century to 19th century.

▼ These early 19th-century arrows were made for use with large Crimean Tartar bows.



◀ This bow case from India in the 18th century or early 19th century is made of leather covered with red velvet and decorated with sequins and embroidery.

▶ Hunters in arctic Alaska and Canada used harpoon arrows such as these during the 19th century and early 20th century.





▲ In this detail from a 19th-century Japanese scroll, a samurai wades into battle.



◀ This piece replicates Crow-Nez Percé bow cases and quivers made of otter skin and trimmed with trade cloth and beads. These sets were status symbols for 19th-century Plains warriors.



◀ This long quiver made in India during the 18th century or early 19th century is made of green velvet on leather and decorated with sequins and floral embroidery.



◀ In Bhutan, archery is the national sport. This quiver of dark wood or bamboo from the 19th century or early 20th century has a plug cap and animal skin base.

Constructed in the early 20th century, this Javanese target bow made of water-buffalo horn features detachable limbs.



This leather-covered Crimean Tartar bow dates to the early 19th century.



In the 1950s, Yang Wentong of Ju Yuan Hao bowmakers made this Chinese/Mongolian bow with snakeskin on the back.



Chinese repeating crossbows of this type were used well into the 20th century. It is equipped with a magazine holding pellets.





◀ These reinforced bows from northern California were made during the late 19th century and early 20th century. The middle bow's tips are trimmed with fur, perhaps to silence the string when released.

Wax the cord

Amid the collection's exotic bows, arrows, quivers, wrist guards, thumb rings and paintings is a mass-market book by Maurice Thompson called *The Witchery of Archery* (Charles Scribner's Sons, 1878). It's a cheerful look at the author's archery-related adventures "in field and flood," with the intention of teaching tyros the joys of the bow. In fact, the book is credited with giving sport archery a lift in late

19th-century America. Chapter 3 begins with a little light verse:

"Cheerily blow the bugle horn
In the cool green woods of morn;
Loose the hounds and let them go,
Wax the cord and bend the bow."



DRAWING THE ARROW (THE STATEN ISLAND CLUB).

THE WITCHERY OF ARCHERY:

A COMPLETE MANUAL OF ARCHERY.

WITH MANY CHAPTERS OF ADVENTURES BY FIELD AND FLOOD, AND AN APPENDIX CONTAINING PRACTICAL DIRECTIONS FOR THE MANUFACTURE AND USE OF ARCHERY IMPLEMENTS.

BY
MAURICE THOMPSON.

ILLUSTRATED.

NEW YORK:
CHARLES SCRIBNER'S SONS,
SUCCESSORS TO
SCRIBNER, ARMSTRONG & CO.
1878.

Mapping Mizzou's research

Recent construction south of Memorial Stadium provides important infrastructure to help Missouri's economy grow.

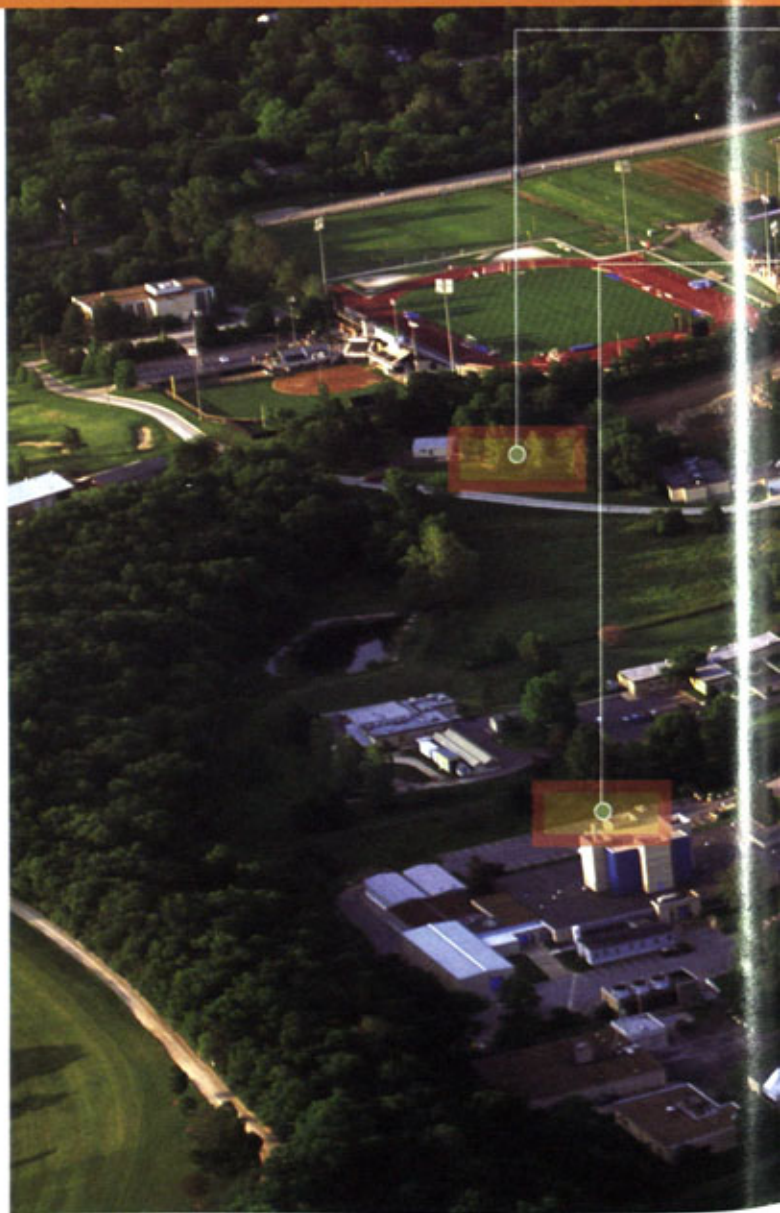
MU's research park just south of Memorial Stadium across Providence Road has been abuzz with the sounds of new construction totaling \$30.1 million since 2004. The new bricks and mortar provide high-quality space for research on topics including cancer and cardiovascular disease. And there is a business incubator to boot.

MU faculty might see all this as a way to develop their discoveries into businesses. Locals might see it as a chance to use MU's brainpower as a catalyst for a recession-resistant, job-producing, tax-paying, high-tech economy. Missourians might see this research park, along with others such as Discovery Ridge southeast of Columbia, as the seeds of mid-Missouri's own Silicon Valley, a place where technical innovation leads to knowledge and products that make life better.

Columbia is one of few communities nationwide with the chops to create this brand of town-gown technology connection, says Jake Halliday, president of Missouri Innovation Center, a business incubator. Here's Halliday's punch list:

1. A university campus performing at least \$200 million in research annually (Mizzou),
2. Investment capital to fund startup companies (Centennial Investors, founded by Columbia's Chamber of Commerce),
3. A business incubator to mentor fledgling companies (Halliday's operation), and
4. A research park to ensure that the young companies take root in Columbia.

Halliday points to Purdue University's research park in West Lafayette, Ind., as the kind of partnership he'd like to see in Columbia: More than 140 companies employ about 2,800 people at salaries averaging \$52,000 a year, which brings about \$146 million to the local economy through payroll spending alone.



potential

Story by Dale Smith



Photo by Robert Llewellyn, 2003

- In January, this 6,000-square-foot Pulse Power Research Building came online to work on the new technology, which uses short, compressed bursts of electricity — pulse power — to locate and disable explosives. A capacitor concentrates electricity to about 250,000 volts and discharges bursts lasting just nanoseconds. Some liken the result to a lightning bolt. The research will work out a way to make a smaller, portable version of the current 12-foot by 3-foot unit for military use.
- A cyclotron in this 33,318-square-foot addition to MU's Research Reactor will produce a much-needed isotope for area medical centers for early diagnosis of cancer and heart disease. The facility also allows MU to continue research on radiopharmaceuticals. This is a public-private partnership between MU and Mid-America Cyclotron.
- This building, built in 1963 and named for John Dalton, then governor of Missouri, originally housed space research for NASA. Since 1980, investigators from medicine, veterinary medicine and engineering have collaborated in what is now known as the Dalton Cardiovascular Research Center. In 2004, an addition and renovations raised the total research space to 33,456 square feet.
- The MU Life Science Business Incubator at Monsanto Place is a 33,000-square-foot facility owned by the university and operated by the Missouri Innovation Center, an independent, public nonprofit organization. The facility, now in construction, will provide lab and office space for 10 to 14 fledgling companies at a time for about three years. Incubator staff will offer advice on business aspects of developing a young company. When ready, the businesses will set out on their own; the hope is that they will stay in Missouri.
- This yet-to-be-named building of 30,000 square feet, finished in February 2008, houses chemical and biological laboratories for the International Institute of Nano and Molecular Medicine. In their cancer studies, researchers will use nuclear magnetic resonance and mass spectrometry instruments in the building. They'll also venture across the street to use the research reactor's new neutron beam facility in experiments on boron neutron capture therapy for cancer. Other topics include developing new cancer imaging and therapy agents, novel molecules that deliver drugs, and molecular motors that activate nanodevices. ■■



The speed of

Lace up your sneakers if you want to keep pace with Chris Pires. This rising star in life sciences research gets down and dirty with broccoli and brussels sprouts and keeps a schedule that will make your head spin.

Question: What is it like to be a junior faculty member, clawing your way up the scientific and academic ladder?

- a. Exhilarating
- b. Collaborative
- c. Busy. Very, very busy.

If you answered "all of the above," you already know a little about Chris Pires, an assistant professor of biological sciences and an investigator in the Bond Life Sciences Center.

With his sneakers, cargo shorts and rumpled shirt, Pires could easily be mistaken for one of the graduate students huddled around the table of the Wednesday morning Phylogenetic Methods and Applications seminar he teaches with Rex Cocroft, associate professor of biological sciences.

But as Pires scribbles notes while the students debate methods of building evolutionary trees, it becomes obvious that he's a step or three ahead of them. He flips through articles such as "Maximum likelihood as an alternative to parsimony for inferring phylogeny using nucleotide sequence data" and helps them unravel threads of discussion.

Of course, teaching is only part of faculty life. More than half of Pires' time is devoted to his research on *Brassica*, the genus that includes cabbage, cauliflower, broccoli, brussels sprouts, kale and kohlrabi. Although Pires' plants sound like the fixings for a great stir-fry, there's no snacking on the study subjects. His lab's genetic modifications require that the plants get burnt to a sterile crisp after the research is done.

Pires came to Mizzou as a co-investigator on a multimillion-dollar genomics grant. He is also the primary investigator of his own grant — an impressive accomplishment for a new faculty member, and one that speaks to the devotion he shows to grant writing, since only a tiny percentage of proposals gets funded. A recent accomplishment shows how chromosomal rearrangements in canola can change yield, among other things.

Add to that the service — committee work and the like — expected of all faculty and slivers of a personal life, and you end up with one busy guy.

Mentors such as Karen Cone, professor of biological sciences and Pires' next-door neighbor, help him with the juggling. "What I feel I've done as a mentor to Chris," Cone says, "is help him put all the responsibilities of the job into perspective and try to help him formulate his priorities."

Question: According to the calendar that rules his days from 6 a.m. to 10 p.m., Pires can be found:

- a. Cleaning his kitchen from 10 to 11 a.m. on Sunday
- b. Balancing lab finances from 1 to 2 p.m. on Monday
- c. Conducting lab meetings from 1:30 to 3:30 p.m. on Wednesday
- d. Preparing for class from 7 to 8 p.m. on Monday

Answer: Yep, he's busy and organized. Pires has an elaborate weekly schedule taped to the cabinet above his computer,

along with a list charting the progress of the 40-odd academic papers he's working on. The schedule assigns chunks of every waking hour to anything from teaching classes to composing e-mail to having dinner with his wife, Kate Anderson. (She gets Wednesdays. On other weeknights, he eats on campus.)

Pires gets on the computer the minute Anderson gets in the shower in the morning, so he has regularly fired off his first e-mails before 6 a.m. He likes to catch colleagues in Europe and Korea before they leave work for the day.

Anderson says the scientific networking has a bonus: "You never know where you're going to end up," she says, remembering a night last summer when she found herself in a Korean bar singing karaoke with Pires' colleagues.

According to his schedule, Mondays from 6 to 8 a.m. find Pires in one of several greenhouses where his research plants grow. Lunch is slotted in, but he generally inhales his food while sprinting down hallways.

Gym visits (Monday–Wednesday, 5 to 6 p.m.; Thursday 7 to 8 p.m.; Saturday 10 a.m.; and Sunday at noon) are some of the few times students and colleagues can expect not to receive e-mails from him. (He hopes the Mizzou Student Recreation Complex never gets Wi-Fi.)

"My laptop with wireless is the best thing and the worst thing that ever happened to me," he says. That sentiment is echoed by Anderson, a specialized services librarian for

science

A man in a blue button-down shirt stands in a laboratory setting. The background is heavily blurred, suggesting motion, with streaks of light and equipment. Three large green leaves are placed around the image: one in the top right, one in the middle right, and one in the bottom left.

Story by Lisa Groshong
Photos by Rob Hill

"I like to walk when I want to think," says Chris Pires, assistant professor of biological sciences and an investigator in the Christopher S. Bond Life Sciences Center. With long legs and scholarly ambition, Pires makes it challenging to keep up.



As a lab assistant, junior Megan Pallo of Independence, Mo., is designing a lesson for Pires' plant systematics class. Students will grow plants from seeds, then map their phylogenetic trees.

MU's health sciences and veterinary medical libraries. "It's part of my job to say, 'OK honey, step away from the computer,'" she says.

But it's not all work. Pires is a fan of YouTube, a way to catch snippets of shows he doesn't have time to watch.

Question: Speaking of mass media, what show or movie plays a role in Pires' life?

- Jeopardy*
- Blade Runner*
- Survivor*
- Battlestar Galactica*
- The Discovery Channel's *Wings* series

Answer: Not surprisingly, this scientist's tastes run to the geeky. Pires gave his high school valedictorian speech in the form of *Jeopardy* answers that require questions. The setting: rural Gridley, Calif., kiwi capital of the United States, population about 5,000. In addition to being valedictorian, Pires played varsity football, basketball, track and tennis. Growing up in a small town, Pires says, taught him to make his own fun.

Later, seeing the movie *Blade Runner* inspired him "to think not only about the future of what could be done with genetic engineering, but also about the ethics of biotechnology." When he arrived at the University of California–Berkeley, he planned to major in genetics and

philosophy. "But the genetics labs smelled like fruit flies," he says, and he was more interested in language than philosophy, so he majored in biology while dabbling in zoology, linguistics and rhetoric. He wound up writing an honors thesis on metaphors in evolutionary biology.

The first person in his family to graduate from college, he went on to earn a doctorate in botany at the University of Wisconsin–Madison.

The Discovery Channel's *Wings* series is one reason Pires doesn't have cable at home — too addictive, he says. Whenever he stays at a hotel, he gets hopelessly sucked into channel surfing — mainly the Discovery and History channels.

Of course, Pires rarely has time for TV. Not surprisingly, it's slotted into his weekly schedule — an hour blocked out on Sunday evenings for the revival of *Battlestar Galactica* on the Sci Fi Channel.

Borrowing a teaching tip from biology Associate Professor Joel Maruniak, Pires based a meeting of his undergraduate plant taxonomy class on the television show *Survivor*. While the jungle-beat theme song blared, Pires divided students into "tribes" that had to name plants they would need to survive on an island and invent three hypothetical plants — complete with explanatory dichotomous keys — that might

be missing, yet essential for survival.

Pires' flair for the dramatic and embrace of technology have increased demand for his classes, though he recently read on a student evaluation, "No offense, but I hate your subject."

Question: How do students describe Pires?

- Enthusiastic: "How can you not think plants are fascinating?" he marvels.
- Engaging: "The class is at 8:30 in the morning," Pires says, but "students don't dare fall asleep because those are my favorite ones to call on."
- Encouraging: "I want people to set real goals, then I push them 10 percent more."

Answer: Right again, no matter what you picked.

Pires scans his classes for potential research assistants. He has a soft spot for those who may not think of themselves as research or graduate-school material.

Junior Megan Pallo of Independence, Mo., is one such student. An education major planning to teach high school biology, she never thought she'd work in a genetics lab. She first met Pires when taking Plant Taxonomy as a requirement for her studies.

"There were 40 or 50 students in that class," she says. "Within the first few weeks, he knew everybody's name."

Meeting Pires changed her path. "He was the first teacher to take an interest in me personally," she says. "He really cared, and he pushed me."

Pires talked her into taking a part-time job as a research assistant in his lab, an experience that is teaching her to construct research projects. Pallo believes this will help her as a biology teacher. She wants to be a good one, like Pires, she says.

Question: Which students rank at the top of Pires' lab?

- a. Undergraduates
- b. Postdoctoral researchers
- c. Graduate students

Answer: Trick question. Pires avoids hierarchy. "I don't feel like I've ever been treated like an undergrad," Pallo says.

Pires sees part of his job as modeling the life of a scientist. This collaborative process was evident at a Wednesday afternoon lab meeting. Pires asked the students to pass around their lab notebooks. He thumbed through one full of diagrams and notes. "This notebook has no description of what the experiment is," he said, sounding bemused. But the show-and-tell had a serious point: "Just imagine if you disappeared," he told the fledgling researchers. "Could somebody get into your notebook and continue your work?"

He pestered his students to attend the weekend's departmental barbeque — and bring their significant others, whose names, naturally, he also remembers — and led students in ribbing graduate student Pat Edger about his dirty pots in the greenhouse. "What's he trying to grow up there, algae or plants?" one student asked.

"Hey, it's in balance," Edger responded.

"There's a good camaraderie in the lab," Pires says later. "It helps to be a *Star Wars* geek." But as much affinity as he feels for his lab assistants, as a young faculty member, Pires is also learning when to save his Yoda imitation.

Pires is getting better at navigating the fine line between supervising and enabling, he says. He used to come in to

the greenhouse on the weekends to water students' neglected plants. Dead plants equal delayed research projects, wasted time and frustration all around.

Now, even though it drives him crazy, he forces himself to let the plants wither. "The lab is where they learn that science involves lots of failure," he says.

Question: True or false?

1+1=2

Answer: Another trick question.

Along with MU's Jim Birchler, who studies maize, Pires is one of several researchers involved in a multimillion-dollar genomics project seeking to understand how economically important crop plants have been domesticated by people. "Many crop plants have large, complex genomes that in some cases are 'polyploids,' or containing multiple genomes," Pires says. The phenomenon, which is widespread in plants and animals, "can lead to dramatic changes in gene content and genome organization that scientists are only just beginning to understand.

"Research in our lab on *Brassica*, along with other labs working on polyploidy plants such as cotton and wheat, is showing how extra copies of genes function in these plants, and how genomes from different sources can work together in a single plant."

In genetics, in other words, one plus one can sometimes equal three.

Question: Words or phrases Pires has used to describe himself and the life of an academic scientist:

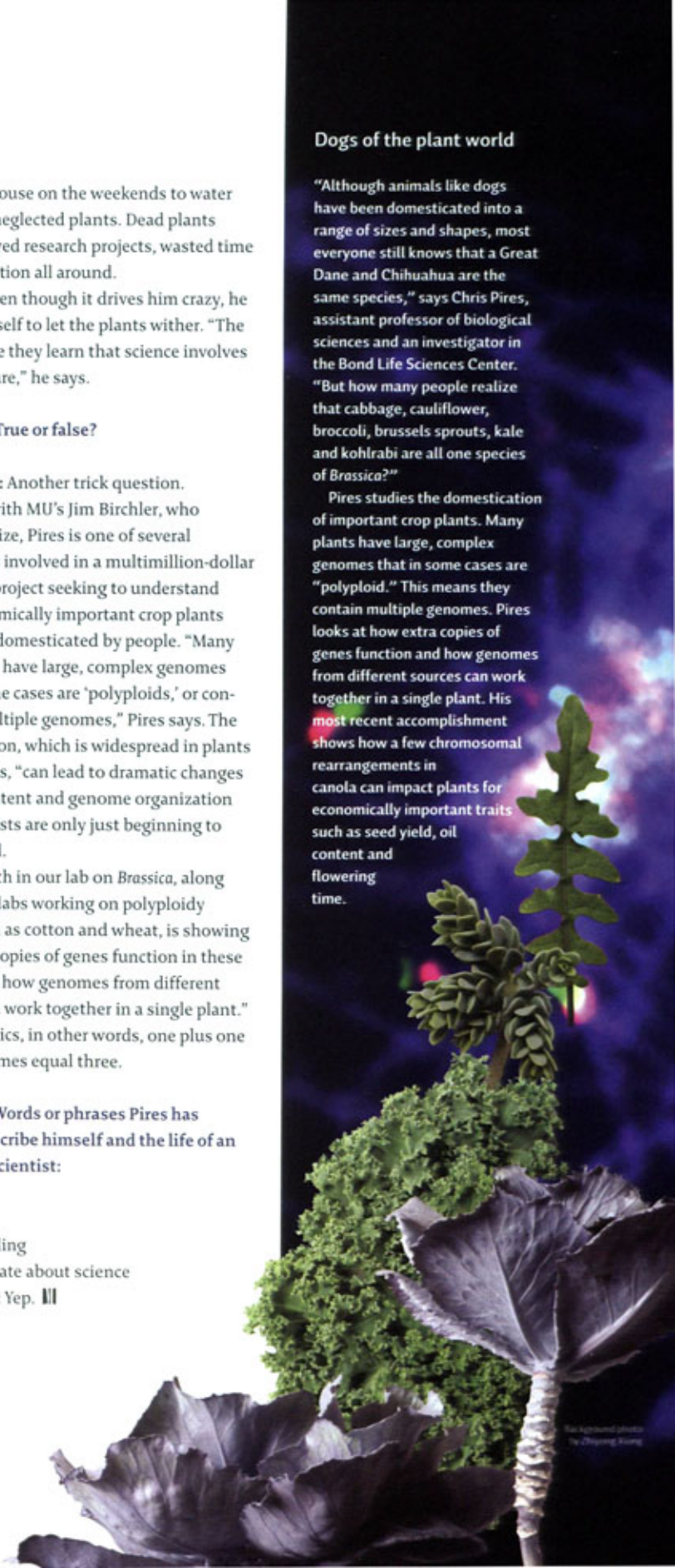
- a. Nerdy
- b. Driven
- c. Demanding
- d. Passionate about science

Answer: Yep.

Dogs of the plant world

"Although animals like dogs have been domesticated into a range of sizes and shapes, most everyone still knows that a Great Dane and Chihuahua are the same species," says Chris Pires, assistant professor of biological sciences and an investigator in the Bond Life Sciences Center. "But how many people realize that cabbage, cauliflower, broccoli, brussels sprouts, kale and kohlrabi are all one species of *Brassica*?"

Pires studies the domestication of important crop plants. Many plants have large, complex genomes that in some cases are "polyploid." This means they contain multiple genomes. Pires looks at how extra copies of genes function and how genomes from different sources can work together in a single plant. His most recent accomplishment shows how a few chromosomal rearrangements in canola can impact plants for economically important traits such as seed yield, oil content and flowering time.



Where in the world is Robin?

Story by Amanda Dahling
Photos by Robin Hoecker

Photojournalist Robin Hoecker takes snapshots of the world to showcase cultural diversity.

It was a simple family trip to visit relatives in Europe that forever altered Robin Hoecker's perceptions of the world around her. Hoecker, MA '07, was 5 years old. Even at age 5, her curiosity — the same curiosity that would lead her all over the world — was piqued.

"People told my mom she was wasting her money on a plane ticket for me. [They said] I wouldn't remember anything," Hoecker says. "But I did. It was like realizing there was a whole other world out there, where nothing that I knew was true anymore."

As Hoecker grew up, she never lost the ambition to explore the world, and now she uses that ambition to educate and induce change all over the world. Hoecker, with the help of a Fulbright Beginning Professional Journalism Award, is now in Germany working toward her goal.

In high school, she took a photography apprenticeship and fell in love with the craft. She loved the work so much she planned on majoring in it, but people "who I thought knew better," such as advisers, counselors, teachers and her family, advised against it. So Hoecker played it safe for a while.

Hoecker reluctantly spent the next two years in the College of Engineering at Penn State University. But when she lost a very close friend, only one year her senior, to a heart attack, the tragedy turned her life upside down.

"When I realized I had outlived my friend, I started asking myself some serious

questions. If I died tomorrow, could I say I died happy, doing what I loved?" Hoecker explains. "Sitting there, surrounded by engineering textbooks, going to classes that I wasn't at all interested in, I knew the answer was no."

Hoecker made a conscious decision to live the life she wanted and to take the chances her friend would no longer have.

"You never know what's going to happen, so make the most out of life while you have it," Hoecker says. "I started taking more risks. I want to learn and see and experience as much as I can."

She began taking courses that interested her and formulated her own degree in international development. She traveled abroad to France and Senegal. She also "cut through a lot of red tape" to get herself into a photojournalism course where she could further investigate her love of photography. The course provided her with the confidence to

move forward with her work.

In 2000, at the time of Hoecker's photojournalism class, Penn State was experiencing severe racial tension. For a class project, Hoecker documented student demonstrations against racism. As the unrest grew, so did her project. What started as an assignment evolved into her final project, an independent study and finally the subject of her honors thesis. Many of her photographs are still on display at Penn State, and her thesis was given to the deans of various colleges within the university. For the first time, Hoecker learned that photos could make a difference.

After her Penn State project, through an internship with the Washington, D.C., Unitarian Universalist Association, she got the chance to travel to Iraq. Hoecker had been working for some time to get people to understand the humanitarian consequences of the pending war in Iraq, but it wasn't until she had photos of Iraqi mothers, children and teachers that people

Robin Hoecker's travels have taken her across the globe to Germany, Iraq, Senegal, Israel, Palestine, Turkey, Italy, Greece, Chile, Argentina, Uruguay, Peru and China.

Hoecker's love for travel began on family trips, such as this stop in Austria in 1986.





Children look out a window at a Baghdad elementary school in Iraq in December 2002, just months before the United States invaded the city.

A nurse at a Baghdad hospital uses natural light as she tends to an infant. Power outages are common in the city because of continued damage to its electrical infrastructure.

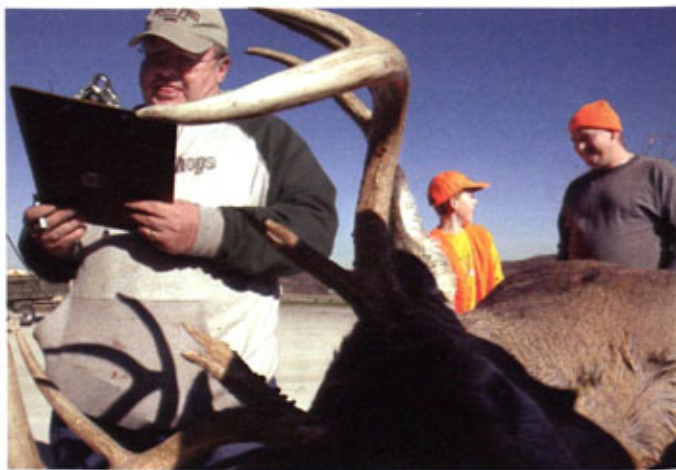
started to pay attention. The experience further cemented her notion that pictures can change the world, and after she got paid for several of her published photos, she learned that she could actually make money with photography. Her new goal was to learn as much about photography as she could and to become a better photographer. That led her to Mizzou.

"I knew I would regret it for the rest of my life if I didn't give photojournalism a try," Hoecker says. "I am still not sure if I want to be a pure photographer, but I know

that no matter what I do, photography will be an important part of my life, both personally and professionally."

Hoecker's ambition and dedication left quite an impression on those who worked with her during her time at Mizzou, and it also garnered her a Fulbright Award to Germany from the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board. The Fulbright Program started in 1946 as a way to promote international understanding and education. It has funded more than





279,000 participants, all chosen for academic merit and leadership potential. Hoecker's 10-month program from September 2007 to July 2008 allows her the opportunity to work and study abroad in Germany. Few professors were surprised when she was selected.

"Robin is among the most creative, courageous and innovative students I've been privileged to meet," says Michael Grinfeld, associate professor of magazine journalism. Hoecker worked with Grinfeld as a research assistant. "She's a skilled photographer and writer with a penchant for getting things done."

Zoe Smith, photojournalism professor who was the chair for Hoecker's master's project, agrees. "She's unique because she does both writing and photography well," Smith says. "Not many people do."

Hoecker arrived in Germany in September 2007 and methodically split her time into three phases: learning, photography/multimedia and writing. She spent her first three months in Osnabrueck in northwestern Germany, where she took classes and learned about German media.

Next, Hoecker moved to Frankfurt and worked as an intern for the *Frankfurt Rundschau* newspaper. Her work included

creating a multimedia presentation for the paper that combined interactive graphics, sound, photos and video revolving around musicians in Frankfurt. She showcased about 20 musicians in various genres, such as jazz, opera and hip-hop.

The project fell perfectly into Hoecker's goal of promoting cross-cultural dialogue by showcasing cultural diversity. She likes combining music and photography because they have a way of overcoming language barriers.

She is currently freelancing articles and photographs for English-language media. This work allows her to travel throughout Germany and its neighboring countries.

For Hoecker, the political is personal. She wants to promote mutual understanding between cultures.

"I guess I'm kind of a mini-diplomat, trying to get people in other countries to better understand the United States, and for the people of the U.S. to learn more about the rest of the world," she says.

Throughout her travels in Europe, Senegal, Iraq and Germany, Hoecker has developed an appreciation of various cultures. She is drawn to places that are out

of her comfort zone, and she enjoys learning about the idiosyncrasies of other cultures.

After traveling abroad, Hoecker returns with a better appreciation of home. For all of the good and bad of America, she knows this country offers the ability to learn and travel, to educate and discuss.

"I am a poster child for the different stages of cultural adjustment," Hoecker says. "At first, I love everything, then I get annoyed by small differences, then I get really homesick. Eventually, though, I come to terms with where I am and appreciate the good and the bad. No country is perfect. Each one has its positives and negatives."

Hoecker's maturity and education have gotten her through many difficult trips, but it is the same feeling she had as a 5-year-old that keeps her going back for more.

"I still have a feeling of wonder when I travel. Everything is new, everything is exciting, and people do funny things. Figuring out the new culture and language becomes a puzzle that I want to solve."

In her work with the Fulbright scholarship in Germany, Hoecker continues to assemble the puzzle of cultural diversity, one photo and one project at a time. ■



Facing page top:

An Israeli soldier watches over the return of Jewish settlers to their outpost in the city of Hebron.

Facing page and this page, from left:

Tavinho Tavares, a guitar player, is one of the 20 musicians featured in Hoecker's multimedia project about music and cultural diversity.

On opening day of deer season in Columbia in 2006, a father congratulates his son on his kill as a Bass Pro Shops staff member tallies the antler score.

MU crew Coach J.T. Quin waits for his rowers during a rowing practice in 2005.

MORE > See and read more about Robin's travels.

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Get ready to

Mizzou is training sport psychologists, a new breed of behavioral specialists whose positive approach to competition and plain old exercise can benefit us all.

As the 2008 Olympic Games are about to begin in Beijing, we hear more and more stories about the travails of athletes as they make their way to the world stage. After all, they've got a lot to cope with: Make the team, get along with the coach, train endlessly, overcome injuries, travel the world, respond to reporters and try to be the best athlete on the planet. Just how far must elite athletes go to turn in a great performance?

A positive approach to performance enhancement is on the rise, especially among golfers and tennis players. It's a sort of "think system" based on widely accepted psychological principles, such as how to build self-esteem. Mizzou trains its share of practitioners for the burgeoning field of sport psychology. Recent doctoral graduates are working with coaches and players in athletic departments at the University of Oklahoma (Sarah Webber Moore, PhD '02) and the University of Denver (Steve Portenga, PhD '04).

Richard Cox, professor of education, school and counseling psychology, helped educate the program's graduates and wrote *Sport Psychology*, a textbook that recently entered its sixth edition since 1985. Part of his book covers the coping rituals we can see almost any time we watch athletes perform — basketball players bouncing the ball before free throws, tennis players spinning their rackets before returning serves, baseball pitchers wiping and twitching and clawing the ground between throws.

Athletes practice these rituals to help them keep calm and positive at key moments. "Negative thoughts will kill you," Cox says. "An athlete's routine is critical. The body is a marvelous piece of machinery, but negative thoughts can interfere with it." The routines give athletes time to replace negative thoughts with positive thoughts and imagine themselves doing a good job. It helps.

That's what Cox calls the emotional approach to controlling anxiety about performance. "We can teach athletes deep

breathing to calm them and slow their heart rate for the moment, but then you are always playing catch-up. The only long-term solution is the action approach."

That means figuring out what is causing the anxiety, Cox says. "Are you afraid you are going to miss the free throw? So go practice until you can hit the shot 23 out of 25 times. You won't be anxious any longer."

Cox's latest study of 609 student-athletes at MU bears this out. The athletes with the most self-confidence and the most coping skills for dealing with worry were the ones who perceived their performance as the best. Success breeds confidence, Cox says, and good coaches, parents and athletes learn to build it in baby steps.

That's one of the tenets of positive psychology on which sport psychology is based. "Negative psychology treats people when they are sick, but positive psychology says, 'Let's not wait to give positive experiences to everyone.' It's proactive, setting up situations where people learn how to cope. We try to help athletes become better people and think more positively about themselves."

That feeling can take root off the field, Cox says. "If you learn coping skills for dealing with adversity in an athletic environment by practicing every day, listening to a coach, dealing with pain in training and persisting through all of it, that transfers to other parts of life. Now that you have a family and a job, you can take those skills with you."

Cox's work extends beyond elite athletes to looking into the effects of exercise on the emotions of mere mortals.

"I like to think about well-being more than just performance," he says. In fact, some of his studies show that when nonathletes exercise, it can do a lot more than tone muscles. Exercise can reduce anxiety and even depression, he says. "For people who maintain regular exercise, the exercise itself is a coping strategy. And it's a very powerful one because we all can do it." ||

play

Story by Dale Smith
Photo illustration by Rob Hill

Sport psychologists help athletes
keep their heads in the game.





Drowning in the daily news

This year, the alumni association is funding research on how students and presidential candidates sink or swim.

The Mizzou Alumni Association recently awarded research grants for MU faculty studying some of the day's most timely topics. One winner of the Richard Wallace Research Incentive Grants for fall 2007 studies trends in presidential campaign communications and news coverage. Another is looking at a ramification of the rapidly growing Hispanic population in the U.S.

Since 1994, the association's program, named for the former chancellor, has granted about \$200,000 to 161 researchers in awards of up to \$4,000. Sometimes used as seed money, the grants can give young researchers a head start in a competitive field, says Janice Faaborg, BS '78, MA '97, an academic adviser who represents the association on the grant-selection committee. "Major granting agencies hesitate to give money to somebody who doesn't have a track record," she says. "These small grants give faculty a beginning, so they can leverage that money to get larger grants."

Faaborg says that, since Mizzou is both a research and teaching institution, all tenure-track faculty members must produce new knowledge and ideas. "It's important that there be a link between the alumni association and the various workings of the university. This program shows that the association is not just there for alumni, but also to help current faculty. It also shows the public that we are pulling together to help each other out."

Check out two of the winners:

Communications as usual

Bill Benoit has studied every conceivable kind of communication related to presidential elections going back to 1948: announcement speeches, TV ads, debates, Web sites, news stories. In terms of format, much remains the same. For instance, debates have been part of the picture off and on since 1948, when Dewey and Stassen participated in the first primary debate, and the first TV ad was in 1952. However, the current campaign cycle features increasing use of Facebook and other Internet sites.

New online venues have proven far from revolutionary, says Benoit, professor of communication. That's because users can choose what to read. "Millions of people are moved to watch the trailer for the new *Indiana Jones* movie, but they don't necessarily read candidates' Web sites," Benoit says. "Web pages are now mandatory for presidential campaigns, but they are mostly visited by supporters. People are more likely to read sports in the newspaper than a political Web site."

Benoit says newspapers bear the most blame for negativity surrounding campaigns. According to his analysis, papers fan whatever flames they can find. In *New York Times* stories from 1952 to 2000, coverage on the whole focused more on character attacks and other negative news than did the candidates themselves. Election coverage prioritizes "horse race" first, questions of character second and candidates' policies last. "If you want to know somebody's policies on immigration," he says, "the news doesn't help much."

Facilitating familisimo

Latinos, already a large minority, are the fastest growing demographic group in the United States. By 2050, they are expected to make up 29 percent of the population. That means, among other things, that many more Latinos likely will be going to college. But how will the cultural divide affect them in higher education? Two assistant professors in the College of Education are interviewing Latino and Hispanic students at MU to get a handle on how to help them integrate.

Many Latinos grow up with the ethic of familisimo, says researcher Stephen Whitney. "For them, family is number one, and the individual is second. But higher education is individualistic. You decide how much to study or party, and you succeed or not on your own devices."

Whitney's colleague, Jeni Hart, notes that study participants are in frequent (often daily) phone contact with their families. They also develop "extended families" on campus, she says. Students easily find comfort in formal networks, including the Hispanic American Leadership Organization; Cuban American Undergraduate Student Association; and Sigma Lambda Gamma, a multicultural sorority.

Hart says the students thus far are driven to succeed, partly to honor sacrifices others are making for them and partly so they can learn enough to give back to their communities. "They're not here solely to make friends and go out on Friday night," she says. "They're here to become journalists or engineers."

A recent survey by The Performance Enhancement Group, an organizational consulting firm, asked more than 700 advancement professionals nationwide to name an alumni association that is, "a strong benchmark for alumni programming." Respondents ranked the Mizzou Alumni Association in the top tier, along with Penn State, Ohio State, North Carolina, Stanford, Michigan, Texas A&M, Texas and Illinois. Kansas State ranked in the second tier, and Nebraska and Kansas ranked in the third.

The Mizzou Legacy Walk is off to a flying start raising money for a scholarship endowment. A total of 924 bricks are already in place at the front doors of the Reynolds Alumni Center. To have your brick inscribed and installed by Homecoming 2008, place an order by Aug. 15. Over the next few years, this project is planned to add 1,652 bricks in a sidewalk extending from the building to the edge of Conley Avenue. Your brick — payable with a tax-deductible donation of \$375



See Austin on a Mizzou football weekend tour as the Tigers play the Longhorns. This tower anchors the University of Texas campus.

(members) or \$415 (nonmembers) — can make a mark in MU history. Call 800-372-6822 or visit mizzou.com.

Join the Mizzou Alumni Association this fall for a Mizzou Football Weekend tour as the Tigers play the Texas Longhorns in Austin. The tour features round-trip airplane tickets from St. Louis or Kansas City, deluxe accommodations at the Austin Radisson, the Mizzou Welcome Reception, game transfers, game tickets and a Tiger Tailgate Party. Call 800-372-6822 for details.

If you have a favorite MU-related photo you'd like to share with 37,000 other alumni worldwide, enter the 2009 Member Calendar Photo Contest. The entry deadline is June 30, 2008. Find information and an entry form in the 2008 MAA Member Calendar or at mizzou.com.



MIZZOU CONNECTION

<p>JUNE 8 Tigers of the Corn Chapter Picnic, Omaha, Neb.</p> 	<p>JUNE 9 St. Louis Tiger Club Golf Tourney</p> 	<p>JUNE 10 Kansas City Tiger Club Golf Tourney</p>	<p>JUNE 15 Father's Day</p> 	<p>JUNE 27 Bus Entsminger Memorial Golf Tournament, Columbia</p>	<p>JUNE 28 Member Day Big Surf Osage Beach, Mo.</p>
<p>JULY 4 Independence Day</p>	<p>JULY 26 St. Louis Chapter Roaring Reunion</p>	<p>AUG. 10 Tourin' Tigers: Alaskan Adventure Tour</p> 	<p>AUG. 17 Tiger Walk, Francis Quadrangle</p>	<p>AUG. 28 Cole County picnic</p>	<p>AUG. 30 Mizzou vs. Illinois and Tiger Tailgate Party St. Louis</p> 

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A lifetime of research

Retirement doesn't always mean an end to a career. Cliff Murphy, BS Ag '52, DVM '52, might have hung up his work jacket at age 65, but now, at 82, he continues to play a vital role in veterinary research. After all, veterinary medicine has been his life's work.

"I was a farm boy and had uncles who were veterinarians," Murphy says. "I was going to be an M.D., but I decided that veterinary medicine was my path. It's what came natural to me."

Upon graduating from the College of Veterinary Medicine at Mizzou, Murphy took up general practice in veterinary medicine, taught internationally, and spent the last several years of his career teaching at Mizzou and working in reproductive science and embryo transfer. Embryo transfer is an in vitro fertilization process in which embryos are placed into the uterus.

Many years later, after he "retired" in the early 1990s, Murphy hooked up with MU's Randy Prather, professor and researcher in reproductive physiology and molecular biology.

"I was intrigued by the young man and the work he was doing," Murphy says. "It was amazing. I thought I would help him out for a few years — that was [almost] 20 years ago, and I'm still amazed."

Prather and Murphy work together making genetically modified pigs for medical and agricultural research.



Photo by Nicholas Benner

Murphy collects and develops the embryos and also conducts surgery on the pigs. They are studying early embryo development in pigs to understand and reduce the 30 percent embryo loss that normally occurs in the first month of development. Previous projects have included pigs for potential use as organ donors for humans, pigs that make their own omega-3 fatty acids, and pigs that produce a green fluorescent protein for cell tracking and research requiring a visible genetic marker.

Murphy also helps teach the laboratory section of Mike Smith's reproduction class every Friday during the fall semester. Students learn how to artificially inseminate pigs at one of MU's research farms.

"It's fun to go out there and help teach the class," Murphy says. "It

Retirement couldn't stop 82-year-old Cliff Murphy, who still works at Mizzou in embryo-transfer research.

assures me that the future [of veterinary medicine] is in good hands."

In 2003, Murphy received the Lifetime Achievement Award from the American Embryo Transfer Association for his work in embryo transfer. In 2006, he received the Livestock Person of the Year award from the Block and Bridle Club for his contributions to livestock at the university. And most recently, some of his graduate students honored him by setting up a scholarship fund in his name.

"All of these things have been great honors to me," Murphy says. "But I just continue to do what I love to do."

— Amanda Dahling

The Forties

Ward Harrington, BS Ag '47, M Ed '68, and **Edith Wiggins Harrington**, BSN '46, of Macon, Mo., celebrated their 60th wedding anniversary Aug. 31, 2007.

☆ **Robert Huddleston**, BS '49, of Chapel Hill, N.C., is editor of *VOICES: The Literary Magazine of Carolina Meadows*, a publication

for the Carolina Meadows Continuing Care Community. He also wrote *Edmundo: From Chiapas, Mexico to Park Avenue* (Virtualbookworm.com Publishing, 2007).

Richard Matheson, BJ '49, of Hidden Hills, Calif., wrote the 1954 novel *I Am Legend*, which was turned into a major motion picture starring Will Smith in 2007.

The Fifties

Scott Wright, JD '50, of Kansas City, Mo., wrote *Never in Doubt: Memoirs of an Uncommon Judge* (Kansas City Star Books, 2007).

Jerome Gilson, BA '52, of Wilmette, Ill., was named to the 2007 list of Illinois Super Lawyers.

☆ **Shirley Caldwell**, BS HE '57, and husband

Clifton of Albany, Texas, received the inaugural Humanities Texas Award Jan. 24, 2008. The award is given for imaginative leadership in humanities on a local, regional and state level.

John Fox Arnold, BA '59, JD '61, of University City, Mo., was selected to the 2008 edition of *The Best Lawyers in America* and honored as a Missouri-Kansas Super Lawyer by *Law and Politics* and *Kansas City Magazine*. In fall 2007, he served as a visiting professor at the Center of International Legal Studies in Salzburg, Austria.

John Laflen, BS Ag '59, MS '60, of Buffalo Center, Iowa, received the John Deere Gold Medal Award from the American Society of Agricultural and Biological Engineers June 20, 2007. The award is for distinguished achievement in the application of science and art to the soil.

The Sixties

☆☆**Maurice Graham**, BA '60, JD '62, of St. Louis was selected to the 2008 edition of *The Best Lawyers in America*. He practices with Gray, Ritter & Graham P.C.

☆☆**Robert Bukowsky**, BA '62, of DeKalb, Ill., received the 2007 Associate Award from the National Association of Electrical Distributors for outstanding contributions to the electrical industry. He is the vice president of sales for Ideal Industries Inc.

☆☆**Hugh Van Seaton**, BS BA '65, of Jacksonville Beach, Fla., received a doctorate of education at the University of North Florida Dec. 14, 2007.

Bob Lewis, MA '66, of Big Spring, Texas, recorded the 10,000th broadcast of *The Sound of Texas*, in which his character, Tumbleweed Smith, hosts a radio show about everything Texas, on Feb. 7, 2008. The series will celebrate 40 years in 2009.

☆☆**David C. Curtis**, BA '67, MS '76, of Warrensburg, Mo., walked the Appalachian Trail (2,175 miles) in 2006 and biked the Northern Tier Route (4,295 miles) in 2007.

☆☆**Harvey Kaplan**, JD '68, of Mission Hills, Kan., was named to *Lawdragon's 500 Leading Lawyers in America* list; the 2008 edition of *The Best Lawyers in America*; and the top 10 list for the 2007 edition of *Missouri and Kansas Super Lawyers*.

David Anderson, BS BA '69, of Kansas City, Mo., is chief investment officer—value equity for Financial Counselors Inc.

Robert Frizzell, BA '69, of Maryville, Mo., published *Independent Immigrant: A Settlement of Hanoverian Germans in Western Missouri* (University of Missouri Press, 2007).

Jo Weffelmeyer, BS Ed '69, of Fenton, Mo., completed a doctorate in business management from Webster University in St. Louis in December 2007.

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Flipping the mortgage crisis

Karen Alexander has seen a lot during her 23-year career in the home mortgage business. When she started in 1984, interest rates were up around 12 percent — not bad, but far above the recent historic lows. Ever since the low rates prompted competitive lenders to slacken standards and the resulting mortgage crisis, she has followed the frantic news reports: Owners of low-end and high-end homes alike are defaulting on their mortgages, and the crisis may well be contributing to the current economic doldrums.

All true, she says, but she thinks reporters have missed an important point: “A lot of people own homes now who would not have been able to without the types of loans that were available,” says Alexander, BS HES ’79, who works for Gorman and Gorman in St. Louis. Alexander is talking about the ones who did it right — who got



Karen Alexander has survived as a mortgage lender even through the mortgage crisis. Her secret: Knowing when to say, “No deal.”

their finances in order, and found an affordable home and loan.

According to a report by the Mortgage Bankers Association, in 2007’s fourth quarter, 2.04 percent of all loans were in foreclosure. Of those, subprime

mortgages accounted for 54 percent of foreclosures (fixed rate, 12 percent; adjustable rate, or ARM, 42 percent). California and Florida had especially high concentrations of foreclosures, including 36 percent of the nation’s subprime ARM foreclosures, the report said.

As bad as those numbers are, Alexander says, the flip side is that many borrowers in the subprime category are still in their homes.

“There are a lot of irresponsible people on both sides [lending and buying],” Alexander says. “I told some people, ‘No, you are not in a position to buy a home now, but I’ll work with you for a year or two and get you into a home you can afford.’” She lost a few customers that way but doesn’t mind. “I make more down the road because I cared about the person enough to say that, and my clients keep coming back and sending me referrals,” she says. “It’s karma.”

— Dale Smith

The Seventies

Karl F. Althage, BS Ag ’70, of Columbia retired as an area director of operations from the USDA Farm Service Agency Aug. 3, 2007.

☆☆**David Stonner**, BA ’70, MA ’72, PhD ’74, of Washington, D.C., is head of the European office of the National Science Foundation in Paris.

Merle Kasten Turner, BA ’70, of Easton, Mo., argued and won her first case in front of the Missouri Supreme Court Oct. 30, 2007, when the court reversed *State v. Salazar*.

Steve Weinberg, BJ ’70, MA ’75, of Columbia wrote *A Journalism of Humanity: A Candid History of the World’s First Journalism School* (University of Missouri Press, 2008) about the Missouri School of Journalism.

Peggy Cherng, MS ’71, PhD ’74, of South Pasadena, Calif., was inducted into the *Los Angeles Business Journal’s* Business Hall of Fame for her work with Panda Restaurant Group.

☆☆**Richard Peterson**, PhD ’71, of Lubbock,

Texas, retired from Texas Tech University after 34 years as professor of atmospheric science and associate director of the Wind Science and Engineering Research Center.

Carol Shankland Porter, BJ ’71, of Ballwin, Mo., received the 2008 Osmund Overby Award from the Missouri Alliance for Historic Preservation Feb. 27, 2008. She received the award for her book, *Meeting Louis at the Fair—The Projects and Photographs of Louis Clemens Spiering, World’s Fair Architect* (Virginia Publishing Co., 2004).

Ron Jennings, BJ ’72, of Sedalia, Mo., retired from *The Sedalia Democrat* after 35 years as a beat and feature reporter and columnist.

☆☆**Elyse Zorn Karlin**, BJ ’72, of New Rochelle, N.Y., created the Association for the Study of Jewelry and Related Arts as a way to promote jewelry studies in schools, museums and institutions of higher learning.

☆☆**Donna Vandiver**, BJ ’72, of St. Albans, Mo.,

received the 2008 Enterprising Woman of the Year Award from *Enterprising Women* magazine for her work as president and CEO of The Vandiver Group Inc., a communications firm in St. Louis, which she founded 15 years ago.

Gary Baumann, BS Ag ’73, of Savannah, Mo., retired as rural development manager from the Missouri Department of Agriculture.

Jane Marie Robert, MA ’73, of Des Peres, Mo., was awarded the Chevalier de la Legion d’Honneur (French Legion of Honor) by the French ambassador to the United States. She is the president of the Saint Louis-Lyon Sister Cities Inc.

Michael Weiser, BJ ’74, of Miami, Fla., was elected chairman of the National Conference of Citizenship, a nonprofit leader in the field of civic engagement.

☆☆**Sally McCrory Allen**, BS Ed ’75, M Ed ’79, of Ballwin, Mo., retired after 27 years of teaching in the Rockwood School District.

Don Corrigan, MA '75, of St. Louis wrote *Show Me Natural Wonders: A Guide to Scenic Treasures in the Missouri Region* (Reedy Press, 2007).

☆☆**David S. Hollabaugh**, BS EE '76, MS '78, of Fulton, Mo., is the superintendent of protective services at AmerenUE's Callaway nuclear plant and a member of the Dean's Engineering Advisory Council at MU.

☆☆**Cindy Pollard**, BJ '76, of Reno, Nev., is national chair for the Public Relations Society of America's "Counselors to Higher Education" section.

Steve Schreiber, BS Ag '76, of New Ulm, Minn., is principal with the Edward Jones holding company, Jones Financial Cos.

☆**Robert E. Polk Jr.**, BS EE '77, of Ballwin, Mo., received a 2007 professional recognition award from the St. Louis office of the American Society of Civil Engineers for his achievement and improvement of the engineering profession.

Diane Weddington, MA '77, of Walnut Creek, Calif., was an adjunct visiting professor of public policy at Duke University in Durham, N.C., for the 2008 spring semester.

☆**Don Downing**, BS BA '79, JD '82, of St. Louis was selected for the 2008 edition of *The Best Lawyers in America*. He practices with Gray, Ritter & Graham P.C.

The Eighties

☆☆**Monte Eugene Dunard**, BS Ag '80, of Woodbridge, Va., has been recalled to active duty and is the director of the Marine Corps' Center for Lessons Learned.

Patrick Kevin McKee, BA '80, of Fishers, Ind., was elected to the Indiana Basketball Hall of Fame for his 26 years of covering high school sports for *The Indianapolis Star*.

Kathy Kienstra Oelke, BHS '80, of St. Louis is program director of the new radiation therapy program at St. Louis University.

☆☆**John Hoffman**, BHS '81, of Lake Winnebago, Mo., was selected as one of *Ingram's* magazine's 2008 Heroes in Healthcare and received the professional staff achievement in healthcare award.

Jennifer Borron Furla, BA '83, BJ '83, of

Mission Hills, Kan., was elected to the board of directors for the Giving USA Foundation.

☆☆**Anita M. Katti**, BS ChE '83, of Munster, Ind., is directing process scale applications of high performance liquid chromatography in an effort to develop new packing materials.

Dawn Larsen, BA '83, of Florence, S.C., is associate professor of theater at Francis Marion University.

Claudia Gorham, BA '84, of Alameda, Calif.,

is a principal with the law firm of Meyers Nave. She works out of the company's Oakland office and is a member of its eminent domain practice group.

☆**Marie Bauer**, DVM '85, of Manchester, Mo., wrote *A Day Without Cookies is Like a Day Without Sunshine* (AuthorHouse, 2007).

☆**Michael Kateman**, BS BA '85, MA '91, of Rocheport, Mo., is executive director for development and alumni services

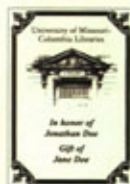
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at Columbia College. He was elected to the board of directors of the National Committee on Planned Giving.

John A. Flynn, MD '86, of Baltimore has been promoted to professor at Johns Hopkins University. He also serves as the clinical director of internal medicine and medical director of the spondyloarthritis program.

Ellie Grossman, BJ '86, of Wildwood, Mo., is the grand prize winner for a contest

presented by the online comedy series *In The Motherhood*. Her story will be featured in the third season of the series at inthemotherhood.com.

J. Dale Youngs, BJ '86, of Kansas City, Mo., was named one of the 2007 Lawyers of the Year by *Missouri Lawyers Weekly*. He is a partner with Blackwell Sanders LLP.

☆ **Jim DeGraffenreid**, BS '87, of Phoenix graduated with a doctorate in physics from

Arizona State University in December 2007. **Katherine Buttler**, BJ '88, and husband Dana James of Atlanta announce the birth of Riley Katherine James March 26, 2007.

Blair Meeks, BJ '88, of Decatur, Ga., joined the communication firm of Jackson Spalding.

Scott Eugene Miller, MSW '88, of Grand Island, Neb., published his second novel *Prairie Sunsets* (PublishAmerica, 2008).

Dalton Schumacher, BS Ag '88, of Ballwin, Mo., is a principal in the financial adviser development department of Edward Jones in St. Louis.

☆ **William M. Courtney**, BS BA '89, of Parkville, Mo., was named chief investment officer—core equity for Financial Counselors Inc. in Kansas City, Mo.

Juan Uribe, BS CiE '89, of Kansas City, Mo., was promoted to associate vice president of HNTB Federal Services.



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The Nineties

Scott Aschinger, MBA '90, of Pacific, Mo., is vice president of operations for Aschinger Electric Co. in St. Louis.

☆ **Kerri Jones Bunge**, BS Ed '90, of Platte City, Mo., and husband Brad Bunge announce the birth of Daniel Jones Bunge May 1, 2006.

Andrea Mather, BJ '90, of Denver is managing editor of Gaiam's Online Subscription Communities.

Cindy Brinkley, BJ '91, of St. Louis is senior vice president of talent development and chief diversity officer at the AT&T headquarters in San Antonio, Texas.

☆☆ **Eric A. Farris**, BA '91, JD '94, of Branson, Mo., is the chairman of the Missouri Bar Association's Immigration Law Committee. He is the managing member of the Farris Law Group LLC.

☆ **Rebecca French Smith**, BJ '91, of Columbia and **Ali Ryan**, MA '05, of Portland, Ore., received top honors for travel feature writing at the International Regional Magazine Association's 27th annual conference in October 2007 for "Ultimate 100," an article published in *Missouri Life* featuring more



than 100 must-see places in Missouri.

Steve Williams, BS BA '91, and wife **Denise Rehkemper Williams**, BS BA '91, of St. Louis announce the birth of Elizabeth Williams Jan. 17, 2008.

★**Chris Blake**, BA '92, BJ '92, MA '94, of Bay Village, Ohio, is partner at the law firm of Hahn Loeser + Parks LLP. He focuses his practice on business law.

Cherie Stephens Bock, BS BA '92, of St. Louis is partner at the law firm of Thompson Coburn LLP. She practices banking and commercial finance.

Craig Dishman, BS '92, and wife Julie of

Grapevine, Texas, announce the adoption of Lila Mayes, born Dec. 11, 2007.

★**Jay Malone**, BS BA, BS BA '92, and wife

★**Dee Ledford Malone**, BS BA '99, of Overland Park, Kan., announce the birth of Christian Augustus Anderson Malone Nov. 4, 2007.

★**Sheila Taylor**, DVM '92, of Springfield, Mo., was selected as secretary-treasurer of the Missouri Veterinary Medical Association in January 2008.

Suzanne Shenkman, BJ '94, and husband **Albert Crook** of St. Louis announce the birth of Juliette Pauline Crook Oct. 25, 2007.

Damen Clow, BJ '95, and wife Rachel of Corpus Christi, Texas, announce the birth of Joshua Dennis Clow Feb. 10, 2008.

☆☆**Travis Crabtree**, BJ '95, of Bellaire, Texas, is an attorney at Looper, Reed & McGraw in Houston. He recently launched his blog, emedialaw.com, which discusses legal trends and issues.

Michael Natarella, BS Ed '95, of Leeds, Ala., graduated with a doctorate in education administration from the University of Alabama.

Charlie Perkins, BS, BS '95, and **Jo Leah Robertson**, DVM '99, of St. Ann, Mo.,

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Charlotte lands on her feet

Charlotte Overby grew up in Columbia and got a master's degree in journalism in 1992 at Mizzou. For years it looked like she was going to be a lifer in Collegetown U.S.A. Creative and resourceful, Overby had a book-editing business, played acoustic bass in a band called The People's Republic of Klezmerica, helped found the Ragtag Cinema and was a lead volunteer at Missouri River Relief. "I love Columbia. It's the bellybutton of the universe," Overby says.

But at the same time, she wanted to try living somewhere else. "I'd been trying to dynamite myself out of there for a decade," says Overby, daughter of Osmund Overby, professor emeritus of art history and archaeology. All that changed a couple of years ago when she found her dream job in Ventura, Calif. Overby had never been interested in slogging through life in routine office conditions. "I am someone who didn't thrive in ordinary working environments," she says. "I chafed, got depressed."

As it turns out, Ventura is known for two things other than its status as the Hell's Angels' base camp: It's a great spot for surfing and, not coincidentally, it is the headquarters of Patagonia, a \$270 million-a-year outdoor clothing business. At first she worked as a contractor producing Patagonia catalogs, which feature high-quality, pricey outdoor



Charlotte Overby works at Patagonia in Ventura, Calif., putting out catalogs of high-end togs for outdoor activities.

work hard when they need to but, deadlines permitting, they can leave early when the surf is up to hit the beach. In addition to offering on-site daycare, the company has an organic café and a leave-of-absence policy that allows up to two months paid time off after a year of full-time service, which Overby began in January 2006. She had landed a perma-

gear; well-written essays about the out-of-doors; and environmentalist messages. Patagonia, a model for how to do business in green fashion, gives 1 percent of sales or 10 percent of pre-tax profits (whichever is more) to environmental causes.

The working environment turned out to be a great fit. Patagonia is a famously hip and successful company. Employees

ment job at the company, which routinely gets 900 applications per job vacancy.

So, what does she do on those days that are just right for surfing? "I'm a Boone County, Missouri, girl. I'd like to be a surfer, but I mostly just flop around — great enthusiasm but no technique. I'm better at hiking and backpacking."

— Dale Smith

celebrated their 10th wedding anniversary May 11, 2008.

☆ **Reagan Allen**, BS BA, BS BA '96, of Frisco, Texas, joined the law firm of Thompson & Knight Intellectual Property Practice Group in Dallas as an associate.

☆ **Michael Rader**, BA '96, of Kansas City, Mo., is partner in the law firm of Bartimus, Frickleton, Robertson & Gorny P.C. He joined the firm in 2003 after serving five years as a

prosecuting attorney for the state of Missouri.

☆☆ **Karen Randolph Rogers**, BA '96, and husband Doug of Kansas City, Mo., announce the birth of Alexander Randolph Rogers Feb. 16, 2008.

☆ **Stephanie Schaefer Baehman**, BJ '97, and ☆ **Beau Baehman**, BJ '94, of Columbia announce the birth of Spencer David Baehman July 25, 2007.

☆ **Morry Cole**, JD '97, of St. Louis was selected to the 2008 edition of *The Best Lawyers in America*. Cole practices with Gray, Ritter & Graham P.C.

☆ **Bronwyn MacFarlane**, BS Ed '97, M Ed '98, of Mexico, Mo., received two scholar awards (the 2007 Excellence in Gifted Education Award and the PEO Scholar Award) totaling \$11,000 toward her doctorate in education policy from the College of William and Mary

in Williamsburg, Va.

David E. Weddle, DVM '97, of Springfield, Mo., is the owner of Wilson's Creek Animal Hospital.

Kelly Aylward, BFA '98, of Brockton, Mass., was named co-chair of the CLE Committee of the Boston Bar Association's trust and estates section in December 2007.

☆☆**Frank Baumstark**, BSN '98, and wife ☆☆**Michelle Baumstark**, BJ '98, of Columbia announce the birth of Emma Kate Baumstark Oct. 22, 2007.

Jamie L. Boock, BA '98, of St. Louis received the St. Louis County Bar Association's Roy F. Essen Outstanding Young Lawyer Award for 2007. He practices at Rossiter & Boock.

☆☆**Joey Findley Peck**, BS '98, BS BA '98, and husband Josh of Elk River, Minn., announce the birth of James Herbert Peck Nov. 2, 2007.

☆**Justin Burroughs**, BA '99, JD '02, of Omaha, Neb., is a senior associate in the St. Louis office of the law firm Evans & Dixon LLC.

☆☆**Dan Pierce**, BA '99, BJ '99, of Fenton, Mo., is director of international communications at Anheuser-Busch in St. Louis.

☆**Christopher Kahmke**, BS HES '99, BSW '99, and wife ☆**Rebecca Krouscup Kahmke**, BSN '97, MS '04, of Ozark, Mo., announce the birth of Braden Christopher Kahmke Nov. 15, 2007.

Jennifer Smith Kingston, JD '99, of St. Louis is a partner of the international law firm Bryan Cave LLP.

James Rosick, BS ME '99, of St. Peters, Mo. received LEED accreditation for his work with Burns & McDonnell's design firm.

The 2000s

☆**Genalee Alexander**, BS '00, and husband David of Columbia announce the birth of Samuel Jesse Alexander Aug. 23, 2007.

Sarah Cowherd Kerner, BA '01, JD '04, of Springfield, Mo., became general counsel for the Springfield-Branson National Airport in 2007.

Andre Logan, BS IE '01, of Kansas City, Mo., joined the Kansas City office of Grant Thornton LLP as a strategic federal tax

services senior associate.

Lesli Brown McClintic, BS '03, of Groveland, Calif., walked the Pacific Coast Trail (2,650 miles).

☆**Melissa Hensley**, MHA '04, of St. Louis is a board member for Rebuilding Together—St. Louis, the affiliate for the national nonprofit that works to revitalize struggling neighborhoods.

Talmage E. Newton IV, JD '04, of St. Louis

is an administrative hearing officer for the St. Louis Metropolitan Police Department's Board of Police Commissioners.

Chad Carr, PhD '06, of Williston, Fla., is an assistant professor and extension meats specialist for the University of Florida Department of Animal Sciences. His wife, ☆**Cathy Herren Carr**, a former MU employee, is director of alumni and career services for the University of Florida College of



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Almitra Smith, BJ '06, of Peculiar, Mo., is public relations coordinator for the American Red Cross of Greater Kansas City.

Jocelynn McAdory, JD '07, of Portland, Ore., is an employment law associate for Bullivant Houser Bailey PC.

☆**Dacia Oprisanu**, DVM '07, of Loxahatchee, Fla., performed surgery on a bald eagle that had been shot. After repairs to its trachea

and other internal injuries, the eagle is expected to survive and will become part of wildlife education.

Christopher Schmidt, BS BA, BS BA '07, of Chesterfield, Mo., is a sales and leasing associate for Coldwell Banker Commercial CRA LLC.

Faculty Deaths

Bob Carter, professor emeritus of electrical

and nuclear engineering, of Columbia Nov. 20, 2007, at age 89. Before teaching at MU, he worked with North American Aviation in California as a research scientist in the Atomics International and Rocketdyne divisions. He retired from MU in 1988.

Charles Fulhage, MS '70, PhD '73, of Rocheport, Mo., Feb. 26, 2008, at age 61. A professor of agricultural engineering, he spent 40 years at Mizzou as a student and professor. He also worked as a state livestock management specialist and helped develop regulations and standards for the Missouri Department of Natural Resources and the Environmental Protection Agency.

Josephine Holik, associate professor, of Columbia Nov. 23, 2007, at age 88. She taught home economics, textiles and clothing for 31 years. She was a member of Phi Kappa Phi, Phi Upsilon Omicron, Gamma Sigma Delta and Alpha Pi Zeta.

Dorothy Sappington Holsinger, BS Ed '26, M Ed '61, of Columbia Jan. 7, 2008, at age 102. She taught at several institutions before Mizzou including Kansas State University and the University of Dayton, where she started a physical education program for women in the 1930s. Holsinger taught physical education at MU for 15 years and was the first coach of the MU women's golf team. She received the MU Alumni Association Faculty Award and the College of Education's highest faculty honor before retiring in 1972. In 2002, she received the Women's Intrasport Network Sportswoman of the Year award for paving the way for female athletes. Memorial contributions may be sent to Dorothy Holsinger Women's Golf Scholarship, Attn: Paula Schlage, 302 Reynolds Alumni Center, Columbia, MO 65211.

C. Bud Kaufmann, BS BA '57, MA '60, of Vero Beach, Fla., March 18, 2008, at age 75. He was a member of Kappa Alpha, Alpha Kappa Psi and the Society for Advancement of Management while a student at Mizzou. In 1962, he became a professor of interior design and taught at Mizzou until retiring in 1983.

Stuart Lindberg Nelson Sr., professor emeritus

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tus of veterinary medicine, of Columbia Dec. 3, 2007, at age 84. He was a member of Phi Zeta, Alpha Psi, the American and Missouri Veterinary Medical Associations and the New York Academy of Sciences.

Carl Sneed, BS ME '42, of Columbia March 14, 2008, at age 87. A professor of mechanical and aerospace engineering, he focused on heat transfer and thermodynamics during his 40 years at MU. He was the associate chair of undergraduate studies for his department before retiring in the 1980s.

Merna Sneed, professor of home economics, of Columbia April 3, 2008, at age 85. She taught at MU in the late 1940s, before retiring to become a full-time homemaker. She was a member of the Fortnightly Club and spent more than 30 years volunteering with the Friends of the Columbia Public Library.

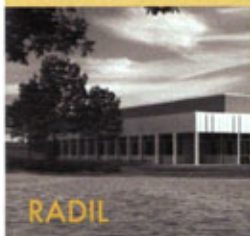
Deaths

Betty Attaway Wiemer, BJ '33, of Bartlesville, Okla., July 7, 2007, at age 94.

Howard Lang, BA '34, JD '36, MA '37, of Columbia Nov. 13, 2007, at age 95. Upon his return from the Navy during World War II, he served two terms as the Boone County prosecuting attorney. Then he was elected mayor of Columbia. During his two terms as mayor, he was known for the construction of Stadium Boulevard and for renovating rundown neighborhoods. He was also president of MFA Insurance and saw the company transition to Shelter Insurance Cos. before he retired in 1981. He served on the boards of the Columbia Public Library and the Boone Hospital Center.

Henry P. Andrae, BA '36, JD '37, of Jefferson City, Mo., Jan. 12, 2008, at age 93. A member of the Missouri House of Representatives in the 1940s, he served in the U.S. Army from 1943-46 and received the Legion of Merit. A lawyer, he was a member of the Cole County, Mo., and American Bar Associations. He served on the University of Missouri Board of Curators for six years.

Annette H. Davidon, BS BA '37, of Lee's Summit, Mo., Jan. 3, 2008, at age 92.




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She worked for 40 years in the business offices of Fox Midwest Theatres, Clipper Manufacturing Co. and Commonwealth Theatres.

John E. Landfried, BS CE '38, of Rockwall, Texas, Feb. 4, 2008, at age 91. He was a chemical engineer and worked for Procter & Gamble for 40 years before retiring in 1977.

Benjamin Goodin, BS BA '40, of Sun City West, Ariz., Feb. 9, 2008, at 92. He was a member of the Delta Upsilon fraternity.

Anthony Joseph Gomes, BJ '41, of Kenmore, Wash., Dec. 23, 2007, at age 95. He worked as a printer for *The Seattle Times* for 37 years.

Mary Roanna Helmstetter Turner, BA '42, BS Ed '42, of Springfield, Ill., Aug. 20, 2007, at age 87. She was a member of Kappa Alpha Theta and taught English and literature at junior high to college levels.

Ralph E. Clary, BS Ag '43, of Clinton, Mo., June 6, 2007, at age 87. Clary joined the U.S. Army after college, and he served in World War II and Korea. He was awarded the

Silver Star, the Purple Heart, the Combat Infantry Badge and two Bronze Stars. After the military, he served 33 years as a board member of the McGinnis Youth Center in Rich Hill, Mo.

Willis Leo Curtright, BS Ed '43, M Ed '49, of Washington, Mo., July 3, 2007, at 89. He assisted football Coach Don Faurot with the freshman team and scouting while obtaining his master's degree. He was a member of the Missouri High School Athletic Board of Control and became superintendent of schools for LaBelle, Madison, Union and Lake Ozark, Mo.

Beverleigh B. Cochran, BS Ed '44, of Baltimore Jan. 10, 2007, at age 84. She was chair of the women's committee and served on the board of trustees at the Baltimore Museum of Art. She was a founding member of the Questers Inc. Monumental Chapter dedicated to historic preservation.

Lawrence Gundy, BS Ag '46, MA '47, PhD '65, of Dallas June 11, 2007, at age 88. He joined

the U.S. Army in 1942 and was accepted into the U.S. Army Air Forces as a cadet. He served as a photo interpreter in Europe from 1944-45. Following his time in the military, he worked in various horticulture jobs.

Benjamin H. Jackson, AFNR '48, of Meadville, Mo., Jan. 26, 2008, at age 86. He was a veteran of World War II and a U.S. Air Force pilot. He attended Mizzou for 1 1/2 years on the GI Bill before returning home to farm.

Ora Merle "Jack" Troyer, BS Ag '48, of Centralia, Mo., Dec. 4, 2007, at age 85. A World War II veteran, he was in the U.S. Air Force and served as a navigator on a B-12 bomber. He worked in sales and marketing throughout his life and also was a fertilizer and lime inspector for MU until he retired in 1989.

Richard Lee Doak, BS Ag '49, M Ed '67, of Stover, Mo., Jan. 5, 2007, at age 84. He was a member of the Farmhouse fraternity and a veteran of World War II and the Korean War, receiving a Silver Star and a Bronze Star. He later became a school principal in Hallsville, Jefferson City and Versailles, Mo.

Carlton Jones, BA '49, of Bolivia, N.C., Dec. 29, 2007, at age 84. Jones was a writer, critic and reporter for *The Sunday Sun* for 40 years. His first journalism job came while he served in World War II and edited a military newsletter.

William F. Ewald, BJ '50, of La Jolla, Calif., Dec. 25, 2007, at age 82. A World War II veteran, he attended Mizzou after the war with the help of the GI Bill. He worked as an editor on several periodicals such as *Time*, *Newsweek* and the *New York Daily News*. In 1975 he became senior editor of *People*, then a fledgling magazine, and helped to build it to what it is today. He retired in 1997.

John Folsom, BA '50, of Columbia Nov. 27, 2007, at age 82. A veteran of the U.S. Army in World War II, he received a Purple Heart and a Bronze Star.

Gus Giordano, BA '50, of Chicago March 9, 2008, at age 84. He served in World War II and performed jazz shows on military bases. In 1952, he founded his

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performance company, the Giordano Jazz Dance Co., the first dance troupe dedicated solely to jazz dance. He won an Emmy in 1980 for the television special *The Rehearsal*, and organized the first Jazz Dance World Congress in 1990.

Shirley Fuchs, BA '51, of Jefferson City, Mo., Nov. 8, 2007, at age 79. She was a member of the Pi Beta Phi sorority and Women's Aglow International. She volunteered for many years with the Meals on Wheels program.

Roslyn Siegel Suntop, BS Ed '51, of Rochester, N.Y., Feb. 5, 2008, at age 79.

Robert "Bob" Gneiser, BJ '54, of Bethesda, Md., Nov. 19, 2008, at age 76. He served in the U.S. Army as a first lieutenant in the late 1950s and got his start in broadcasting at WNOW-AM in York, Pa. In 1960, he moved to Washington, D.C., and joined the team at WMAL-TV, Channel 7. He retired as a newsman for WMAL-AM radio and as news director for WDCA-TV, Channel 20.

James W. Sharp, BS BA '54, of Leawood, Kan., Jan. 26, 2008, at age 75. He was a member of the Sigma Nu fraternity. He retired as sales manager of Armco Steel Corp. in 1981.

Jack King Whitesell, BS Ag '55, M Ed '60, of Newport Beach, Calif., Jan. 29, 2008, at age 76. He was a counselor, psychology professor and career planning instructor at Orange Coast College in Costa Mesa, Calif., for 34 years before retiring in 1999.

Kenneth Martin Hudson, BS Ag '56, of Jackson, Mo., Jan. 3, 2008, at age 86. He joined the U.S. Army in 1942 and fought in World War II, receiving the rank of first lieutenant. After the war, he served in the National Guard and worked for Roy Elam and Co. for 40 years.

Ann Van Dyne Ream, BS Ed '57, of Denver Jan. 24, 2008, at 72. A member of Kappa Kappa Gamma, she assisted a developmentally challenged woman for 18 years as a citizen advocate and volunteered with the

Colorado AIDS Project.

Edward Lee Recker, BS BA '57, of Sun Lakes, Ariz., May 19, 2007, at age 71. He was an accountant and CPA for 49 years, working 23 years for Dennis, Schmich & Co., then for his own company, Edward Recker Ltd.

Eddie Sam Myers, BS BA '59, of Jefferson City, Mo., Nov. 16, 2007, at age 73. He played on the Mizzou tennis team. After graduating, he worked as an auditor for several companies and was an accountant with the Missouri Public Service Commission.

Jennifer Wright Childers, BS BA '60, of Stilwell, Kan., Jan. 14, 2008, at age 69. She was a member of Kappa Kappa Gamma and received her 50-year pin in October 2007.

James Pemberton Jr., BA '61, JD '63, of Fairfax Station, Va., July 30, 2007, at age 67. He was a member of the ATO fraternity and revising editor for the *Missouri Law Review*. He served in the U.S. Army from 1964-67 as



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Membership has its benefits at any age

Since graduation, Sarah Jackson has remained involved in the association, first in the Dallas-Fort Worth area and now in Washington, D.C. Her volunteer work includes running the scholarship program and recruiting the next generation of MU students.

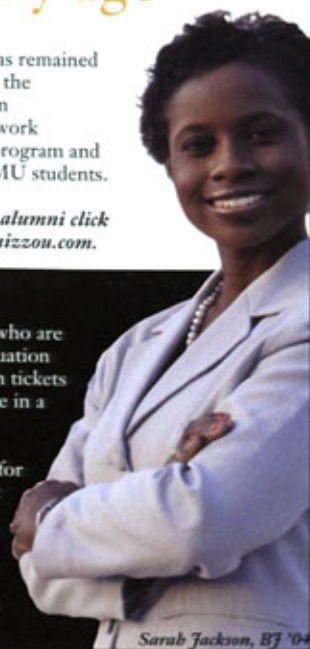
To learn about benefits for young alumni click "Membership Services" at www.mizzou.com.

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Discounts: The association makes available 100+ discounts on merchandise, travel and more.



Sarah Jackson, BT '04

a judge advocate general officer. He worked for many years in the Washington, D.C., law firm of King and King.

Bob Lemone, A&S, Ed '64, of Columbia March 17, 2008, at age 65. He was a builder and real estate developer in Columbia and Boone County for more than 40 years. He played football at MU under Coach Dan Devine.

James Wood Spencer, MS '65, of Austin, Texas, Oct. 21, 2007, at age 67. He worked at Frito-Lay Inc. in Dallas for more than 30 years before retiring in 2004.

Oran S. Emrich, MPA '66, of Kansas City, Mo., Dec. 9, 2007, at age 96. He was a lieutenant colonel with the U.S. Air Force and worked several years at the Pentagon before retiring in 1977.

Clinton Jacobs, EdD '66, of Tucson, Ariz., Aug. 19, 2007, at age 85. He was a professor of agricultural engineering for 19 years at the University of Arizona before retiring in 1987.

Douglas Craig Walker, BS Ed '66, M Ed '68, of

New York July 1, 2007, at age 63. He began his career in 1971 as a senior editor for Hallmark Cards in Kansas City, Mo. He then served as managing editor for Lee Publishers and joined Scholastic Inc. in 1983 as an assistant editor. He later became its vice president and senior editorial director.

Dennis Conrow, MS '67, of Grandview, Mo., Nov. 1, 2007, at age 66.

Clyde William "Bill" Schwab, M Ed '67, of St. Louis Dec. 14, 2007, at age 66.

William Lee "Bill" Bowden, BS '69, of Nashua, N.H., Sept. 29, 2007, at 60. He served in the Vietnam War as a liaison sergeant. He was known for research with manganese dioxide and was a chemist and researcher for 31 years for P&G in Needham, Mass.

Anna Ruth Shinn, BS Ed '70, M Ed '75, EdSp '83, of Columbia Dec. 11, 2007, at age 76.

She taught for five years in Columbia Public Schools and became a counselor in 1975.

In 1989, the Missouri School Counselor Association named her Outstanding



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PUBLISHING SCHEDULE:

Issue Date	Space Reservation	Materials Due	Publication Date
Fall '08	June 27	July 9	Aug. 29
Winter '09	Sept. 17	Sept. 26	Nov. 24
Spring '09	Jan. 9	Jan. 19	March 3
Summer '09	April 3	April 14	June 3

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We've Joined... Now It's Your Turn

Coach Norm Stewart and Chancellor Emeritus Richard Wallace are honored to have become new members of the Chancellor's Society by contributing to the Chancellor's Fund for Excellence, an unrestricted endowment supporting Mizzou's greatest needs. They invite you to join them and the following new or upgraded Chancellor's Society members listed below.

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Mrs. Hendrine K. Daniels
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Patricia Gelnor
Mr. David Taylor Hamilton
Curtis L. Hedberg, M.D. and Mrs.
Michelle Hedberg
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* New or upgraded members who gave gifts of \$1,000 or more from 9/30/07 through 4/24/08.

FOR ALL WE CALL
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Missouri Elementary Counselor. She retired in 1991.

Alice Keller, BS Ed '71, M Ed '75, of Columbia Nov. 18, 2007, at age 84. She taught at West Boulevard Elementary School for 17 years before retiring in 1988.

Nancy Shinn Newton, M Ed '72, PhD '76, of Columbia Jan. 6, 2008, at age 65.

Roger Erwin Fritz, BA '74, MA '77, of St. Louis July 3, 2006, at age 53. He was president and founder of Leadership by Design Inc., a consultant and life skills coaching firm in St. Louis.

Jack Mosley, PhD '75, of Fulton, Mo., Dec. 2, 2007, at age 67. He taught mathematics and statistics at Westminster College for 40 years. He was a member of the American Association of University Professors, the American Mathematics Association and the Sierra Club.

James Mitchell Doak, BS Ag '76, of Liberty, Mo., Oct. 11, 2007, at age 53. He was a member of the Tiger Scholarship Fund and worked 30 years for the Department of Agriculture in Kansas City, Mo.

Nancy Siegel Lammert, BS HE '81, of Fenton, Mo., Nov. 3, 2007, at age 48.

Deirdre O'Meara Smith, JD '81, of Dataway Island, S.C., Jan. 26, 2008, at age 61. She served as president of the St. Louis Women Lawyers Association in 1992 and 1993, of the Bar Association of Metropolitan St. Louis in 1994 and 1995, and of the American Judicature Society from 2001-03.

Andrew Harold Paschall, BS ME '90, of

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Phoenix Jan. 14, 2008, at age 40. A certified professional engineer in numerous states, he started his career in the semiconductor industry and was working to improve the environment with alternative energies.

Melissa Guillotte, BS Ed '04, of Peoria, Ill., Dec. 1, 2007, at age 25. She taught Kindermusik and violin at Palen Music Center while studying at Mizzou. Upon graduation, she taught music at Grant Elementary School.


Friend deaths

Nancy Grice, of Columbia Jan. 17, 2008, at age 75. She attended the University of Kansas in the 1950s. Later she was an active member of Delta Gamma, the Cecile Circle of King's Daughters and the University of Missouri Alumni Association.

Elizabeth Ruth "Pookie" Jones Miller, of Columbia Dec. 18, 2007, at age 58. She volunteered for the St. Luke's HIV/AIDS Care Team, Missouri HIV/AIDS Council, the Boone County Red Cross, adult basic education program and KOPN radio.

Weddings

- ☆ **Kimberly Smith**, BS Ed '88, MA '93, and Greg Landry of Mahomet, Ill., Dec. 15, 2007.
- ☆ **Diane Streckfuss**, BA '88, and Henry Laura of New York Feb. 16, 2008.
- ☆ **Gina Hosler**, BJ '95, BA '95, and William Lamb of Jersey City, N.J., March 8, 2008.
- ☆ **Doug Quinn**, BS Ed '00, and Holly Nelson of Chicago Nov. 24, 2007 in Marco Island, Fla.
- Sarah Royalty**, BS BA '00, and David Tredo of Evanston, Ill., Sept. 1, 2007.
- Courtney Cherry**, BA '03, and **Timothy Willbrand**, BS CE '03, of O'Fallon, Mo., April 14, 2007.
- Kate Schieszer**, BS BA '04, and **Jared Lewis**, BS Ed '03, of Lee's Summit, Mo., March 25, 2007.
- Julie Wrather**, BS '04, and **Mark Baker**, BS '04, of Jefferson City, Mo., Jan. 5, 2008.
- Lesley Lehenbauer**, BS '04, and **Greg Meier**, BS '04, of Palmyra, Mo., Oct. 20, 2007.



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Doug Crews, BJ '73 Greg Baker, BA '92

Forever Evvard



John Evvard's photo album of his time at MU includes this circa 1908 photo of ROTC cadets in formation on Francis Quadrangle. The image, attributed to Roy Florea, may have been taken from the roof of the Agriculture Building, now known as Switzler Hall.

As if purposefully waiting a full century before returning home, a photo album of circa 1908 campus scenes landed in the MIZZOU magazine offices just before press time. The original owner, probably John M. Evvard, MS 1909, seemed to have great affection for the scenes he included. His portfolio offers striking views of Francis Quadrangle, Switzler Hall (then the Agriculture Building) and its bell tower, Class Day, the ivy-covered Columns and much more. It appears that Evvard took most of the photos and supplemented the album with images by Roy Florea, BS Ag 1910. Florea was one of a handful of enterprising students who photographed campus scenes, events and breaking news, and then sold the images as prints and postcards.

Evvard was what the magazine staff respectfully refers to as a water-walker: a student who was highly accomplished in many ways. During high school in

Pontiac, Ill., he not only won dozens of medals in track but also represented his school in debate and oratory. After earning his bachelor's degree from the University of Illinois in 1907, Evvard came to MU, started graduate school and stepped right into the thick of things as assistant to Henry Waters, dean and director of the Missouri Agricultural College and the Missouri Agricultural Experiment Station.

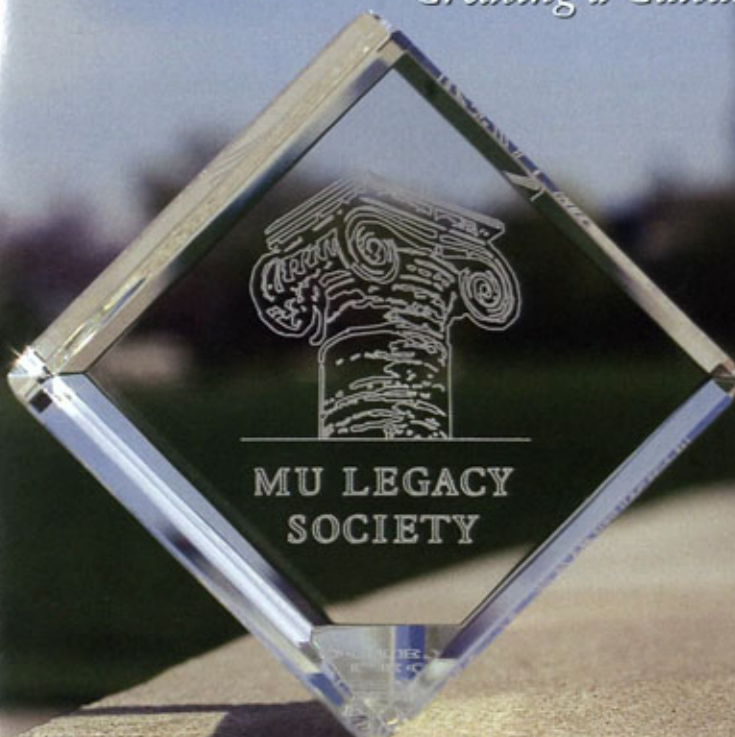
Evvard went on to become a national leader in animal husbandry research, and he had a gift for speaking and writing about his work in popular parlance — farmer talk, some called it. His photographs are still talking. — Dale Smith



MORE > View additional photos from Evvard's collection.
mizzomag.missouri.edu

The MU Legacy Society

Creating a Culture of Planned Giving at Mizzou



It's crystal clear – The For All We Call Mizzou campaign brings the impact of planned gifts into sharp focus. That impact can be seen in new scholarships for MU students, in support for faculty and increased quality of the campus. As we recognize new members of the Legacy Society* we celebrate the creation of a culture of planned giving at Mizzou.

New Legacy Society Members

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Mrs. Audrey J. Amthor
Arthur D. Anton, M.D.
Sandra Doolin Aust
Theodore R. Baldwin, M.D.
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Theodore L. and
Nell Rose Goedecke

Mr. Kevin J. Gralen and
Ms. Mary J. Solomon Gralen
Lewis G. and Patsy A. Hackley
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Dr. and Mrs. Leo M. Wyrsh

*From May 2007 to April 2008, 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.

Honor a mentor. Earn a membership.



Robert Bonney, MBA '74, MS '76, thinks the world of Stuart Wesbury, former head of MU's Health Management and Informatics program. "I owe him my career in a lot of ways," says Bonney, senior vice president for Saint Luke's Health System in Kansas City. He's one of many alumni who contributed to an endowed chair in Wesbury's honor by raising more than \$500,000.

When Bonney and his wife, Gay Lee Ludwig-Bonney, made a gift in honor of Wesbury, they not only found a way to thank his mentor, but also earned membership in the Jefferson Club. Members are invited to exclusive campus and regional events, receive special communications and may be recognized in MU publications and donor honor rolls. Join now to receive an invitation to the grand finale of the For All We Call Mizzou campaign and reserve your spot on the final campaign honor roll.

Thank you to all who joined the Jefferson Club at the sustaining membership level or above from January 1 to March 31.


Robert Bonney and
Gay Lee Ludwig-Bonney
Robert Gordon Bragg
Mr. Mingfang Cao
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Georgia Dolan
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Ms. Carolyn L. Whitmore
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Mrs. Mary Zimmerman

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