

THE MAGAZINE OF THE MU ALUMNI ASSOCIATION

MIZZOU

SUMMER 2005

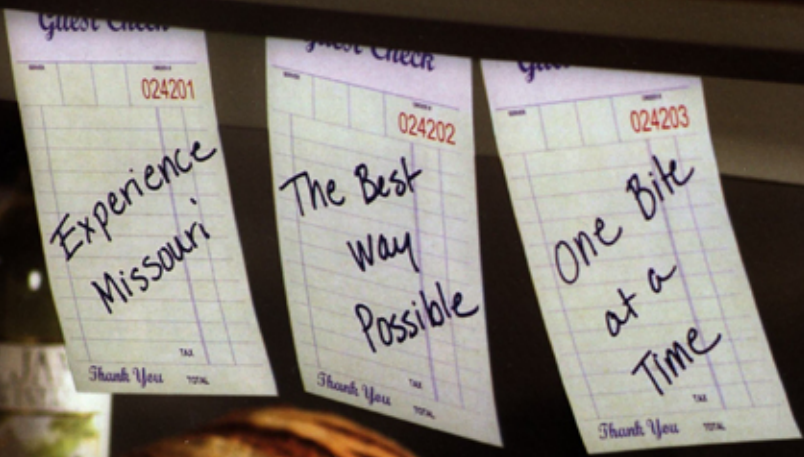


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MIZZOU

SUMMER 2005 • VOLUME 93 • NUMBER 4

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COVER PHOTO BY ANNA MALINOWA. PAGES 18, FROM RIGHT, AND KEVIN JOHN, BRUCE HUTTON, JOHN GANDER AND MARY BOYKAW, BAKER COLLEGE, PLEASE EAT, ANNA MALINOWA, BOB HILL, STEVE MASON, STEVE MASON, © CORMAN

FROM THE EDITOR

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WHAT MOTIVATES YOU?

GROWING UP IN THE 1950s, I always, always heard about how going to college was important. Mom and Dad Flandermeyer imprinted that value on my young mind. It took me years to understand why, but I've pieced the story together, and it goes like this:

My maternal grandmother died in childbirth, leaving my mom, only 7 years old and the oldest of three children, to nurture a brother and sister. The chores didn't stop inside the house; her dad expected help outside on the farm, too. That work kept my mom from going to high school. There it is. That's why the importance of higher education was drummed into my head. As first-generation college students, my four siblings and I fulfilled our parents' hopes and dreams by heading off to college.

Fast-forward to 2005. In this issue of MIZZOU, meet Basil Menzi Mchumu (see story on Page 32). Mchumu's family values education, too. To get to school as a youngster in South Africa, Mchumu faced formidable odds: walking miles to attend, juggling school and farm chores, facing the wrath of a stern teacher when he was tardy and having access to few textbooks. Now, after earning degrees from the University of Zululand in South Africa and Rutgers University, Mchumu is with us in Columbia. A first-generation college student, he is pursuing a doctorate in astrophysics.

What motivates him? A quest to learn and then pass his knowledge on to the children in South Africa. An estimated 9,000 miles from home, Mchumu is a testament to the notion that hard work, effort and a bit of support from family can make all the difference. At this time of year — sandwiched between Mother's Day and Father's Day — we honor our parents, who do the best they can for their children.

When Mchumu graduates, I hope it will be for him as it is for me: My MU degree means the world to me. — *Karen Flandermeyer Worley, BJ '73* ●



Doctoral student Basil Menzi Mchumu is roughly 9,000 miles from his home in St. Faiths, South Africa.

MIZZOU MAIL

REMEMBERING A TRACK LEGEND

I am writing about the 1921 *Savitar* signed by Brutus Hamilton and featured in a letter by James Estes in the Spring 2005 MIZZOU magazine ["Anyone Missing a Yearbook?"]. I am the son of Tom Botts, who was track coach at MU for 31 years.

Hamilton taught history (my father's major) and coached the track team at Westminster College in the 1920s. My father was a student there and a track star during that time. Needless to say, Coach Hamilton taught my father in the classroom as well as coached him. They became very close and lifelong friends. My father absolutely idolized Hamilton and asked him to be my godfather when I was born. He accepted, and I always knew that I had the finest godfather a boy could have.

TOM BOTTS, MS '68
VIRGINIA BEACH, VA.

Editor's note: We received numerous inquiries about this Savitar autographed by Brutus Hamilton. Hamilton was a track star at MU and in the Olympics and later coached both university and Olympic track teams with great success. He also is remembered fondly in Harrisonville, Mo., where he ran in high school and where the track and an invitational meet bear his name. We are happy to say that the signed yearbook will find a home with Hamilton's daughter, Jean F. Runyon.

BEER: PERFORMANCE- ENHANCING DRUG?

At the age when even the obituaries don't stir up many Missouri memories, I was pleased to read the "Everybody's Gotta Eat" story by John Biehler [Spring 2005]. I am well aware of the Ever Eat Café, where for cash I could purchase a \$5 meal ticket for \$4.50. It would last me 10 days if I skipped breakfast. I actually spent more time at Gaebler's Black and Gold Inn, where you could doodle over a 10-cent Coke for a couple of hours and listen to dance music.

However, one incident at the Shack brings back a chuckle.

When I moved to Greek Town, I inherited the position of house sports chairman. At the time of the spring intramural track meet, we had a pledge who had run the 440 in high school and thought he would like to enter the meet. He also mentioned that he ran better after a beer, so just before his event I took him over to the Shack. We worked on the theory that if one beer would improve his performance, a second surely would enhance his effort. Alas, he never made it around the track before he had to dispose of the beer.

KARL DICKSON, BS BA '39
ESCANABA, MICH.

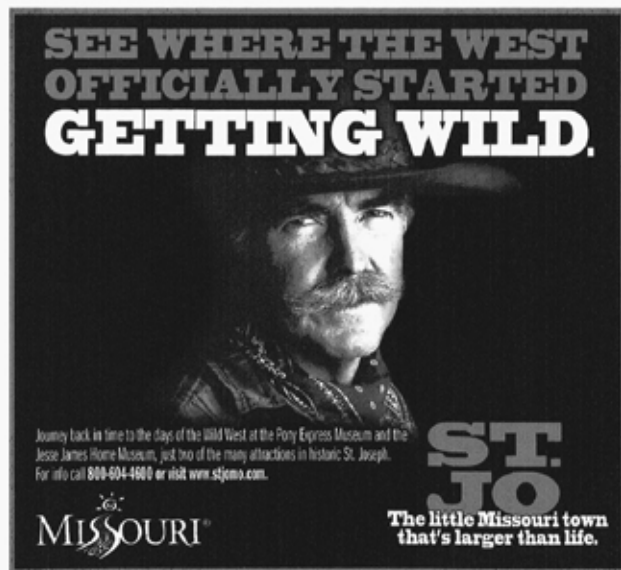
ECONOMICAL EATS

I always enjoy reading MIZZOU magazine, especially the Spring 2005 issue with the article titled "Everybody's Gotta Eat."

I entered the MU College of Agriculture summer session in June 1935. I attended the College of Agriculture two years and two summers to obtain my bachelor's degree in agriculture with a major in poultry husbandry.

For most of my tenure in Columbia as an MU agriculture student, I roomed and boarded at Mrs. Baker's on Paquin Street. Mrs. Baker served delicious meals three times per day on Monday through Friday. We had to eat at a local café or restaurant on Saturday or Sunday. When in Columbia over weekends, I usually ate at the Ever Eat Café with a friend. We didn't have a lot of money to spend on food, but the Ever Eat was a place to get a good meal at a reasonable price.

Thanks for helping to bring back memories of days gone by. I don't know if we could call them "the good old days" or not. My dear parents sacrificed much to send three of us children to



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MORRIS M. STEWART, BS AG '37
MONROE, LA.

A SLICE OF NOSTALGIA PIE

What a flood of memories swept over me as I read "Everybody's Gotta Eat."

As a townie, I ate most of my meals at home or at the Tri-Delt house. But that didn't stop me from enjoying cherry pie a la mode or lemon candy chiffon ice cream at the student union, or meringue pie at the Topic Café, or pizza at Gaebler's, later known as the Italian Village, where pizza may have made its first appearance in Columbia.

For us J-Schoolers in the mid- to late '50s, however, the favorite hangout was the Bengal Shop, located adjacent to and north of the present Heidelberg. Mostly, we drank coffee there, but many hardy souls also braved the chili.



From Gaebler's 10-cent slices of pie to Shakespeare's pizza, Columbia is home to plenty of pies that spark memories from MIZZOU magazine readers.

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A number of J-Schoolers also worked on *The Mancater*, and after the staff had put the weekly issue to bed on Thursday night (when "Mad Dog" Glenn Kirchhoff, BJ '57, was editor), they ambled across Elm Street to what we disparagingly called "Dirty" Max, which at that time occupied the back end of today's Shakespeare's Pizza. On Friday afternoon, that same staff would take over one of the big round booths in Gaebler's to celebrate the production of another issue with pitchers of beer.

My late husband, Dick Noel, BA '59, best known for his irreverent *Shoneme* magazine humor, preferred the Shack — for reasons that had nothing to do with food.

Thanks for leading me down memory lane.

SYLVIA GUPPIN NOEL, BJ '57, MA '59
COLUMBIA

PIZZA LEAVES A BAD TASTE

The cover of the Spring 2005 issue is pathetic. We, too, enjoy reminiscing and have fond memories about the eating and pub facilities around the campus. But for a cover of the alumni magazine, "MIZZOU EAT" is at best distasteful. We more pride than that, don't we? Sorry!

MILES BEACHBOARD, M Ed '66
JEFFERSON CITY, MO.

MORE GRUB PURVEYORS

I enjoyed the Spring 2005 issue, especially the article "Everybody's Gotta Eat."

I add these places from 1947:

- Ernie's Bar-B-Q on South Ninth Street [not to be confused with Ernie's Cafe and Steak House]
- The Bengal Shop, a convenience store and restaurant on South Ninth Street near the J-School
- Red Sandwich Shop on North 10th Street. Best hot pecan pie ever.

RENFORD PIKE, BS CHE '50
FORT PIERCE, FLA.

THE RAINY DAY SPEECH

We very much enjoy receiving news of Mizzou and especially loved reminiscing over the eating spots we remember. We have many fond memories of the Shack, the Topic, Gaebler's, the Coronado and Ernie's Steak House. We are 1950 J-School graduates — the year President Truman was the speaker for graduation. Unfortunately, part of the ceremony was rained out, and as you can imagine, our caps and gowns were soaked. We were in Columbia for our class's 50th anniversary and received copies of Truman's speech.

EUGENE F. TRUMBULL, BA '50, BJ '50
BETTY JAYNES TRUMBULL, BJ '50
SCOTTSDALE, ARIZ.

HAVE YOU ET YET?

I just felt I had to respond to the article "Everybody's Gotta Eat" in your fine magazine. I did my stint at Mizzou from 1946 to 1950, and well do I remember the places of food and drink in Columbia.

One that I do recall with a laugh is Gaebler's. I remember the booths and the dance floor in the rear of the restaurant, but mainly I can't forget the salutation of the owner. Several of us would drop in about 11 a.m. for a Coke and Danish before lunch. She would sidle up to the booth and say in hushed tones, "Have you et yet, dearie?" I still quote that line after more than five decades.

WILLIAM D. ASKIN, BJ '50
DENVER

SCHACKS NEAR THE SHACK

I received my copy of MIZZOU and really enjoyed the article "Everybody's Gotta Eat" because of the references and pictures of the "old" days. My husband, Marvin Schack, BS BA '49, and I are both of the old days as graduates circa 1948 and 1949. He died last July, so this article is especially nostalgic.

Marvin's father owned three businesses across from Jesse Hall — the grocery store on the corner, a restaurant and, pictured on Page 19 [Spring 2005], the building next to the Shack, a cab company back at one point. Marv's mother made pies, and she and Marv's sister cooked. They employed University students.

When I was in school there, it was "Gaeb's," owned by the Gaeblers. Mrs. Gaebler was so neat and loved all the kids. You could always hear her ask, "Have you et yet, dearie?" The Schacks and Gaeblers were good friends.

BEVERLY HUGHES SCHACK, BJ '48
MOUNTAIN HOME, ARK.

NO SHRIMP-SIZED APPETITE

Wow, I hadn't thought about Breisch's for the 40-plus years since I used to do a "Man About Town" show on KFRU there during dinner. The pay for each day's 30-minute program was a meal.

Breisch's featured an all-you-can-eat buffet including prime rib and shrimp. The price was \$2.95 or maybe \$3.50. Having lost about that amount in a recent gin game, I opted to stockpile two days' pay and repay my football player-sized friend by taking him with me to Breisch's for dinner after the program.

As we concluded the feast, a waitress gave us a bill for 90 cents. "That's 15 cents for each of the shrimp you didn't eat," she explained. Friend Don Wexler speared one and polished it off. She lowered the amount owed to 75 cents. He ate another and then another, the waitress each time lowering the bill 15 cents per vanishing shrimp.

Once his plate was empty, Don pushed away from the table and went back to the buffet and returned with a half dozen more shrimp. Then he asked the not-too-amused waitress whether, following their same program, he was

about to start making money.

I continued to do the program, but never brought Don back to Breisch's.

Thanks for the memory.

BRUCE COPELEVITZ
A.K.A. BUD(DY) CARTER, BA '60, BJ '61
ALPHARETTA, GA.

FULL SPECTRUM OF AUTISM SERVICES

The "Reaching for Answers" story in the Spring 2005 MIZZOU is very well-done: clear and interesting, balanced and deservedly noting the extensive resources we have here for research and clinical intervention with children with autism spectrum disorders (ASD). I'd like to congratulate everyone involved, including the author, Seth Ashley.

I have only one complaint about the story. Regarding the list of "Autism Experts," I'm reasonably knowledgeable about language development in children

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with ASD, but only as a researcher, not a clinician. More important, though, is the omission of some important other resources in my department: the MU Speech and Hearing Clinic, directed by Barbara Brinkman, and the Robert G. Combs Language Preschool, directed by Dana Fritz. We see a fair number of children with ASD in both the clinic and preschool. Often these are children who are also receiving other services on the list in the article; our goal is to make all these services complement each other.

PHILIP DALE, PROFESSOR AND CHAIR
COMMUNICATION SCIENCE
AND DISORDERS

MORE AUTISM STATS

The article "Reaching for Answers" quoted the statistic that autism affects an estimated 1 in 250 births. A current statistic states that as many as 1 in every 166 individuals are diagnosed with the disorder. Autism is more common than childhood cancer, cystic fibrosis and multiple sclerosis combined. Autism is five times as common as Down Syndrome and three times as common as juvenile diabetes. It is a lifelong disability, according to the Autism Society of America in 2004.

I applaud the University of Missouri's efforts in meeting the needs of this growing population of children having autism. Thank you, MIZZOU magazine, for sharing autism awareness and information with your alumni.

PAULA SOKOLICH
SUGAR LAND, TEXAS

Editor's note: For more autism information, visit www.cdc.gov and www.autism-society.org.

THE STORY BEHIND A STORY

It was with sadness that I read in the Spring 2005 issue of the death of your colleague Carol Again Hunter, BJ '80.

Back in late 1998, we organized a reunion centered around the 1949 class at MU's University High School. After we contacted MIZZOU about possible coverage, Carol was assigned to do the



Former Coach Al Onofrio, center, spent 20 years as a part of the MU football program, first under Coach Don Devine as a defensive coach from 1958-70, then as head coach from 1971-77. Taking over leadership duties from Devine, Onofrio took the team to the Fiesta Bowl in 1972 and the Sun Bowl in 1973, his most successful season with an 8-4 record and No. 17 ranking. Onofrio died Nov. 5, 2004, at age 83.

story of our fall 1999 get-together.

Carol was a special surprise and pleasure for us, she being the daughter of schoolmate and MU grad Coy Again, Ag '57. She joined us as we explored our old U High (lab school) building and other parts of the campus. MU and Campustown were our haunts from kindergarten through graduation from MU for many of us.

We shared our memories with Carol, and they became the story. Upon publication of the article in the Spring 2000 issue, she wrote me to say that it was one of the most fun assignments she'd ever had.

Of course, that reflected the fun that we'd had with her! She was a pro who got all of her facts straight and captured the charm of our reunion. She very much became a part of our memory-filled weekend. It was a privilege to know her.

BILL BASKETT, BS BA '59
HAMDEN, CONN.

Editor's note: Thanks for writing, Bill. It was our privilege to work with Carol in the MU Publications and Alumni Communication office for nearly 20 years. A nonsmoker, Carol died Nov. 12, 2004, of lung cancer at age 45.

HONOR FOR ONOFRIO

I was disappointed that no one took the time or effort to compose an article about Al Onofrio [former football coach] for the Spring 2005 issue of MIZZOU. However, his funeral mass in Tempe, Ariz., was well-attended, including Joe Hogan, former dean of engineering at Columbia; Gene Smith, athletic director at Arizona State University; and a nice representation from Columbia. This is indeed a person who deserves recognition from MIZZOU.

DENIS J. KIGIN, EDD '59
TEMPE, ARIZ.

FIRST LADY OF MU ATHLETICS

I had the honor of first meeting Coach Don Faurot in 1960 at the Blue-Gray Football Classic in Montgomery, Ala., where he was coaching the North Squad. I was introduced to Coach Faurot by Bob Teel, who played football under the coach in the '40s and would be appointed a track coach under Coach Tom Botts the following year.

As a result of this meeting, I accepted a full football scholarship to Missouri, where Coach Faurot was the athletic director. He was one of the greatest gen-

MIZZOU MAIL

lemen I have ever met and was one of the greatest leaders in the growth of the Missouri athletic program and the University's national recognition.

Mary Faurot was his biggest supporter and gave her life to the University. She was a charming and wonderful first lady of athletics for the University. It seemed inappropriate to me that the Spring 2005 MIZZOU ["Mary Faurot, 1906-2004," Around the Columns] would give only 40 one-third column short sentences in recognizing her death while giving more than 10 times the space for "Everybody's Gotta Eat," "Lab to Market," or "Ha Ha for Health" articles. This would have been a beautiful opportunity for our alumni magazine to do a special feature on the Faurots and recognize their fantastic contributions to the state and the University. No one I know ever grew weary of reading about the Faurots.

ROBERT C. RITTER, JR., BA '66
AIKEN, S.C.

CAN'T SLEEP THROUGH HIS SPEECH

I am writing to share a fun MU reunion I had with political science Professor Richard Hardy last summer in Harrisonburg, Va.

Last July, I attended a national conference funded by the Department of Education covering a curriculum program my district uses called We the People. The speaker I looked forward to the most was on the final day; Hardy was coming to speak on the responsibilities of citizenship.

I talked him up all week long, as I had taken one of my most memorable classes, The Constitution and Civil Liberties, from him. I warned my colleagues to read the assigned materials, as Hardy stuck in my mind as the professor who called on the "head down" student to summarize a particular case to begin class. At the conference, he delivered. "Class" began with Hardy asking a teacher in the back of the room to tell us what she had read. His lecture ended up being a favorite of the week.

A conversation I had with Dr. Hardy is one reason I chose education. I was grateful to be able to hear him speak once again.

ANDREA GINOS FOOTE, BS ED '98
OLATHE, KAN.

SEEKING NOMINATIONS

The honorary degrees committee invites nominations for the academic year 2005-06 commencements. Eligible candidates are those who have rendered distinctive service to the University or the state; distinguished graduates or former students; and persons of high distinction who are not necessarily associated with the University or the state. Nominees from underrepresented groups are especially encouraged.

As a general policy, honorary degrees are not awarded to active members of the University faculty or staff, to retired faculty for career distinction achieved

at MU, or to active political officials.

Nominations are due Oct. 15, 2005, and should include the nominee's name, a brief biographical sketch and reasons for making the nomination. One or two letters of support may be included. Send nominations to the address below.

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August 2004

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AROUND THE COLUMNS

GREAT TEACHING REWARDED

UNDER NORMAL CIRCUMSTANCES, class interruptions might be frowned upon, but exceptions can be made. This April, Chancellor Brady Deaton paid surprise classroom visits to 10 professors to award each one the William T. Kemper Fellowship for Teaching Excellence. This prestigious fellowship recognizes exemplary teaching and includes a \$10,000 prize.

The William T. Kemper Foundation established the fellowships in 1991 with a \$500,000 gift — twice renewed — to honor outstanding teachers at MU. This marks the program's 15th year, with a total of 150 recipients to date. The 2005 Kemper Fellows are:

- John L. Bullion, professor of history
- Glenn E. Good, associate professor of educational, school and counseling psychology
- Mary Grigsby, resident instruction assistant professor of rural sociology
- Jana M. Hawley, assistant professor of textile and apparel management
- Richard L. Meadows, clinical associate professor of veterinary medicine and surgery (see story on Page 15)
- Joshua J. Millsbaugh, assistant professor of fisheries and wildlife sciences
- Dorina I. Mitrea, associate professor of mathematics
- Amanda J. Rose, assistant professor of psychological sciences
- Hani A. Salim, assistant professor of civil and environmental engineering
- John T. Schneller, assistant professor of news-editorial

GOT IT IN WRITING

THREE YEARS AGO, WHEN THIS magazine included doctoral student Christie Hodgen in a story about up-and-coming writers ["Getting It in Writing," Summer 2002], Hodgen talked about a fact of life for



young writers: rejection.

Things have changed. Her short story "A Jeweler's Eye for Flaw," once rejected by *The Atlantic Monthly* with an extensive explanation of why, has since earned a 2004 Pushcart Prize after being published in *The Georgia Review*. And instead of her sending out manuscripts with fingers crossed, publishers are soliciting her.

Hodgen has a contract for two books with W.W. Norton. Tipped off by someone at *The Georgia Review*, W.W. Norton editor Carol Smith actually contacted Hodgen to see if she had any novels Smith could read. Smith is a high-profile editor who worked on a book nominated for a

2004 National Book Award.

Hodgen gave Smith *Hello, I Must Be Going*, which the two are now revising for publication. Hodgen, who normally writes short stories, is working to make the book a continuous narrative instead of a collection of stories, as she wrote it, told from the perspective of an adolescent girl.

Hodgen enjoys the success, but only to the extent that a self-deprecating writer can. "I'm sure I feel more validated than I did in the past," Hodgen says, "but it just seems that when you're in the midst of a project, you're just consumed by all of its flaws." In other words, there may be time to enjoy it when the book is done.

AROUND THE COLUMNS



PHOTO BY BOB HILL

Then it will be on to the second novel in her contract. She's not sure what it will be yet, but she might focus on adulthood instead of adolescence: "I want to be finished with that whole era."

DESIGNATED DRIVERS

THE OFF-CAMPUS HEADQUARTERS of STRIPES, a student-run safe-ride program, looks like a low-tech emergency dispatch center. Operators take requests for rides, dispatchers relay the assignments to drivers, and another volunteer keeps track of all the vehicles on an enormous white board

Oblivious to the passing parade, a student takes a noontime nap April 18 in a hammock stretched between two columns on Francis Quadrangle. The previous week, Chancellor Brady Deaton and Commerce Bank Chairman Jim Schatz surprised 10 professors with prestigious William T. Kemper awards for outstanding teaching.

next to a street map of Columbia. By the time bars start closing at 1 a.m., the three phone lines are ringing continuously. On an average weekend (Thursday through Saturday), STRIPES provides approximately 400 safe rides to MU students.

Funded by community sponsors and the Missouri Students Association, STRIPES (Supportive Tigers Riding In Pursuit of Ensuring Safety) has grown from five founding members driving their own cars to nearly 300 volunteers alternating weekends to drive a small fleet of rented vehicles in only four years.

STRIPES director Mike Ekey, a junior journalism major from Independence, Mo., speaks with the fervor of a missionary about keeping students and the community safe from the dangers of impaired driving. "With STRIPES, you allow people to get home responsibly and still have a good time," he says, noting that the organization provides free transportation to both drunk and sober students.

The program's strict policy of only providing rides home — not out to bars or parties — sometimes requires a bit of detective work. "We've had people tell us that they live in the apartment above Harpo's [bar]." Ekey says, rolling his eyes, "and we say, 'No, there are no apartments above Harpo's.'"

In December, volunteers celebrated the program's 30,000th safe ride. Kim Dude, assistant director of the University's Wellness Resource Center, announced that University statistics show a 16 percent decrease since 1999 in the number of students driving under the influence, a decrease she credits largely to STRIPES.

BRIEFLY

• The University will host Celebrate Mizzou, a convocation and inauguration for Chancellor Brady Deaton at 3 p.m. Sept. 16 on Francis Quadrangle. The event and subsequent ice cream social are free and open to the public. For more information, call University Events at (573) 882-1989. More on Deaton: chancellor.missouri.edu



• Gov. Matt Blunt has appointed one MU faculty member and four graduates to the Governor's Advisory Council for Plant Biotechnology, which is charged with analyzing Missouri's life sciences environment to better capitalize on the industry's potential, recruiting life sciences companies to Missouri and determining the desirability of a state-based regulatory structure. They are Fred Ferrell, BS Ag '64, director, Missouri Department of Agriculture; Charlie Kruse, MS Ag '75, president, Missouri Farm Bureau Federation; Dale Ludwig, BS Ag '78, executive director and CEO, Missouri Soybean Association; Jerry Caulder, MS Ag '66, PhD '70, former chairman and CEO, Mycogen Corp.; and Nick Kalatzandonakes, endowed professor of agribusiness and director, Economics and Management of Biotechnology Center at MU.

• Along with the likes of Yale, Princeton, Vanderbilt and Cornell, MU is among only 17 universities nationwide with students who have won the prestigious Udall, Goldwater and Truman scholarships in the same year. The students are, respectively, Jared Cole, a junior in sociology and environmental studies; Matthew Simpson, a senior in physics; and Annie Morrison, a junior in biology and English.

STING SINGS A LESSON

WITH EVERY BREATH THEY took, 30 advanced music students at MU inhaled their private lesson from Sting as the music legend led them in an unforgettable master class in composition and theory on April 14. The singer-songwriter, a former English teacher, sat on an amplifier at the front of the classroom as he and his musicians opened with the pop classic "Message in a Bottle" from his days with The Police.

Sting's informal lecture explored songwriting and the architecture of his own music, but best of all, he embellished his conversation about form and harmony with the music that has made him a rock icon. "I'm challenging myself, trying to articulate what I do and to understand it," Sting said about the unusual educational opportunity. Mizzou and a few other universities along the route of his Broken Music Tour received the spontaneous classes in connection with the public performances.

Sting garnered high ratings from the students and their professors for his technical knowledge of music and versatility as a performer. "Awesome," said graduate student Brian Tate about the class. "It gives you a chance to see inside the mind of a composer."

The personable star ended his lecture with a fifth song and departed to prepare for his evening show at Mizzou Arena. But first, outside in Lowry Mall, he paused to sign autographs for students who couldn't attend the class.

RETHINKING REPRODUCTION TECH

COUPLES WITH INFERTILITY problems face difficult decisions. They're often torn between the desire to have children and the fear of the risks associated with reproductive technology. Ethical and legal debates have



PHOTO BY BOB HILL

Singer-songwriter Sting warmed up for his April 14 concert at Mizzou Arena with a private music lesson for 30 advanced music students.

developed along similar lines but with more extreme divisions between those who favor procreative liberty above all else and those who favor strict regulation to protect child welfare.

Law professor Phil Peters offers the world a perspective somewhere in between. The problem with extreme viewpoints, Peters says, is that they produce rigid and impractical guidelines only a theorist or professor could love. In his new book, *How Safe is Safe Enough?* (Oxford University Press, 2004), he offers a more pragmatic and case-by-case perspective that he hopes policy-makers will heed when deciding how to treat reproductive methods such as in vitro fertilization, intracytoplasmic sperm injection and genetic engineering. The risks involved, depending on the method, include birth defects and multiple pregnancies, among others.

After critiquing leading theories and legal casework, Peters offers suggestions and a framework for dealing with specific cases. He calls for more premarket testing of technologies before doctors and

clinics use them regularly. Such testing could weed out procedures that are too risky to use. It also could produce data that would help would-be parents make better-informed decisions.

It's about balancing risk and liberty. Peters understands this personally, not just as a scholar but also as a father. His daughters were conceived through reproductive technology, so he understands the drive to find a way to have kids. On the other hand, one of those daughters was initially misdiagnosed as having a birth defect, so he understands the real risks involved.

"I think that's part of my pragmatism," Peters says. "I really do see both sides personally. It's not abstract. I don't have to say, 'Well, yes, of course you have to take into account procreative liberty or the welfare of kids.' They're both very palpable to me."

AROUND THE COLUMNS

BULL'S-EYE FOR ANTHROPOLOGY

NINETY-FIVE-YEAR-OLD CHARLES Grayson, a retired radiologist, has spent a lifetime collecting archery equipment. He learned to shoot a bow and arrow when he was 12, and in the decades since, he has collected longbows, short bows, crossbows, quivers, arrows, archers' thumb rings, artwork featuring archers, historic books and manuscripts on the bow and arrow, and other items that feed his love of archery.

For years, he kept the collection at his house in Clatskanie, Ore., but eventually he decided it deserved a better, permanent home. "Keeping a collection of your own in your own home eventually means it will be sold, destroyed by fire or stolen," he says with a matter-of-fact nod. "If you give it to a university, you know it will be cared for."



PHOTO BY STEVE MORSE

Charles Grayson examines a longbow, just one of more than 5,000 pieces in the archery collection he donated to the MU Museum of Anthropology. Curators store materials not currently on display on these shelves in the Museum Support Center.

Grayson decided to donate his collection to the MU Museum of Anthropology, in part because the curators share his wish to keep the archery collection together. He also created an endowment to ensure that the museum will always have the resources to care for it.

Grayson's archery collection includes more than 5,000 pieces from all over the world, from Japan to North Africa to aboriginal Australia. Some items are hundreds or even thousands of years old, and together they chart the evolution of archery. Many of the pieces are as interesting to artists as to anthropologists. Decorative bows fashioned from horn or ivory are adorned with feathers, silk and beadwork. Some of the thumb rings are dazzlingly ornate and inlaid with gems and precious stones.

One only has to watch Grayson gently unroll a beautiful 18th-century Japanese scroll depicting samurai archers to understand the value of the collection to anthropologists, historians, artists and Grayson's fellow archery lovers.

Gently running his hand across a wooden American Indian bow, Grayson smiles. "When archers come in here, they have no idea what they're going to see," he says proudly.

Other recent gifts and pledges to the For All We Call Mizzou campaign include:

- \$8.5 million from William S. Thompson Jr., BS CIE '68, and Nancy Thompson, HE '67, to fund the Thompson Family Center for Autism and

Neurodevelopmental Disorders, an interdisciplinary effort that will include the schools of Medicine and Health Professions, the colleges of Education and Human Environmental Sciences, and the Truman School of Public Affairs.

- A \$2.5 million gift from the estate of Paul Edward Synor, BJ '42, of Birmingham, Ala., to establish the Paul Edward Synor Creative Advertising Scholarship Endowment in the School of Journalism.

- A \$2 million irrevocable trust from John Hagan, BA '65, and Becky Hagan, BHS '67, of Kansas City, Mo., for the School of Medicine's Department of Ophthalmology.

- \$1.1 million from Professor Emeritus M.W. Sorenson, PhD '64, of Columbia to establish a chair in cardiology in the School of Medicine.

- A \$1 million charitable remainder trust from the late Mary Nell Porter, BS BA '69, for the MU Performing Arts Center.

FOR ALL WE CALL MIZZOU

Campaign Progress (in millions)	Goal (in millions)
Students \$126.83	\$115
Faculty \$55.09	\$97
Programs \$177.4	\$154
Facilities \$104.78	\$134
Private Grants \$92.3	\$100
TOTAL \$556.4	\$600

As of April 30, the For All We Call Mizzou campaign has raised \$556.4 million, or 92.7 percent of its \$600 million goal.

BRIGHT NUMBERS FOR MIZZOU

IN 1986, THE MISSOURI GENERAL Assembly established the Bright Flight Scholarship Program to encourage outstanding Missouri high school students to attend college in state. To be eligible, a high school senior must earn an ACT or SAT composite score in the top 3 percent of all Missouri students taking the standardized tests. The scholarship, \$2,000 per year, can be renewed for up to 10 semesters, provided the student maintains satisfactory academic progress at an approved Missouri institution of higher education. In fiscal year 2004, MU enrolled more of the 8,270 Bright Flight recipients than any other college or university.

Missouri Institutions With the Most Bright Flight Students

1. University of Missouri-Columbia 2,535
2. Truman State University 1,208
3. University of Missouri-Rolla 801
4. Southwest Missouri State University 758
5. Saint Louis University 426
6. Washington University 388
7. University of Missouri-Kansas City 295
8. Central Missouri State University 202
9. Southeast Missouri State University 195
10. Drury University 159
11. University of Missouri-St. Louis 158
12. William Jewell College 120

Data for fiscal year 2004
Source: Missouri Department of Higher Education

SAWDUST SCHOOL

THE PROBLEM WAS CLEAR TO RONN Phillips. Although his students were aspiring architects and interior designers, few who enrolled in his building systems course knew so much as the difference between a rafter and a joist or could explain what was behind the drywall in their houses. That was six years ago. What they needed, he decided, was some hands-on experience making things.

So, to complement his lectures on the properties of wood, concrete and steel, Phillips began bringing a few of his hand tools from home and helping students with small woodworking projects. When those early experiences went well, he knew that a true classroom-shop was the next step.

The former kitchen in Gentry Hall's basement provided 1,800 square feet of convenient space, but the equipment would be expensive. He put out the word for some help.

At Phillips' request, Boone County Lumber Co. owners Greg Eiffert and Brad Eiffert, BS BA '81, MBA '84, made a donation to cover the purchase of industrial-grade woodworking equipment plus setup costs. In 1999, Phillips and his students started to work rehabbing the old kitchen as a shop, which includes a router, planer, table saw, mitre saw, three lathes and other tools.

On Monday evenings when the lab is in session, the place smells of wood chips as students learn to turn bowls and rolling pins, construct beds and cutting boards, and complete other projects. With this hands-on experience, Phillips says, students have a much more intuitive feeling for how construction materials behave and how things get put together. And that, he says, is a core understanding all young designers must achieve.



MIZZOU MAKES NEWS

LAST YEAR ALONE, 3,755 STORIES about the University and its research appeared around the globe in newspapers, Web sites, magazines and on television and radio. Many of these stories featured faculty expertise on everything from exercise to political



PHOTO BY BOB HICKS

Professor Ronn Phillips, right, teaches students woodworking skills to help them understand how workers will construct their designs. Student Michelle Nolte turns a rolling pin on an industrial-grade lathe in a wood shop in Gentry Hall.

debate to the evolution of the human brain. For instance, at least 79 media outlets carried one story alone — research showing that exercising in short bouts

lowered blood fat better than longer workouts.

Here are a few of the outlets that carried the exercise story: Reuters, *Toronto Star*, *Los Angeles Times*, *The Dallas Morning News*, *The Detroit News*, *Newsday*, *The Miami Herald*, *The Washington Post*, ArabMedicare.com, HindustanTimes.com, *The Hamilton Spectator* (Hamilton, Ontario, Canada), *The Washington Times*, United Press International, Webindia123.com, KTVU-FOX (San Francisco), *Rocky Mountain News* (Denver), *Orlando Sentinel*, *Winston-Salem Journal* (North Carolina), *Pittsburgh Post-Gazette*, *The Cincinnati Post*, *Arizona Daily Star*, Copley News Service, WNYW-FOX (New York), *Physician Law Weekly*, *Consumer Reports on Health* and *Reader's Digest*.

GOOD HABITS FOR SPRING BREAK

WHEN CHRISTY HICKS, THE Catholic campus minister at the St. Thomas More Newman Center, suggested spending spring break at a monastery, sophomore Julia Manian wasn't sure about the idea.

"I was kind of apprehensive about a contemplative spring break," says Manian, an education major from St. Louis. "But I thought, 'By the time spring break rolls around, I'll probably need that.'"

On the first day of spring break, Manian and 15 other MU students — along with Hicks, her intern and a recent graduate — made the four-hour drive from Columbia to northwest Missouri. The women stayed at Clyde Monastery, home to a community of Benedictine nuns, and the men stayed two miles away at Conception Abbey, home to a community of Benedictine monks.

For three days, the students led a monastic life. They rose at dawn for the first of four daily prayer services, ate all

their meals with the sisters or brothers, and helped with chores around the monasteries.

Crissy Kinnison, a first-year veterinary student from Warsaw, Mo., spent one morning learning to make a rosary. One of her teachers was 100-year-old Sister M. Juliana Bresson, whose aged but nimble fingers twisted thin wire through glass beads with far more ease than Kinnison's younger ones. Kinnison, who is in the process of converting to Catholicism, donated the rosary she made to mission work and bought one of Sister Bresson's rosaries at the monastery gift shop. "I told her that when I take my first communion, I'll have it with me," she says.

When the monastic retreat ended, each student took home a new psalmbook, the e-mail addresses of a few monks and nuns, and a lingering sense of peace. Manian says she has been trying to hold onto that feeling by following the sisters' example of praying daily, not just when she needs something. And she's happy she chose to spend spring break at the monastery rather than the beach. "It was so uplifting, spiritually and morally," she says. "I feel more refreshed than I have in a long time."



PHOTO COURTESY OF CHERRY BECK

Sister M. Juliana Bresson of the Order of Saint Benedict helped teach MU students Katrina Ellebracht and Suzanne Lammers how to make a rosary during their spring break stay at Clyde Monastery.

AROUND THE COLUMNS

HELPING CHILDREN IN THE TSUNAMI'S WAKE

DR. ARSHAD HUSAIN, CHIEF OF child and adolescent psychiatry, has visited many war-torn and disaster-stricken regions of the world, but nothing could have prepared him for his trip to Banda Aceh, Indonesia, one of the areas most devastated by the Dec. 26, 2004, tsunami that killed more than 275,000 people in south Asia.

"The destruction is phenomenal," Husain says quietly. "It looks like an atom bomb has been dropped on the town."

As director of MU's International Center for Psychosocial Trauma, Husain leads a team of mental health care professionals who train teachers, doctors, nurses and others to help children deal with psychological trauma inflicted by war or a natural disaster such as the tsunami.

Children in these situations often experience violent nightmares, flashbacks, phobias or even suicidal thoughts. "They start to look at the world as a bleak and hostile place," Husain says. "If you provide help early, it is reversible."

Husain founded the MU center in 1994 to help children in Bosnia, and since then he has led volunteers to many troubled regions around the world. The therapy techniques they teach, refined through years of research, include such simple methods as drawing pictures of frightening experiences or developing plans to deal with future dangers.

In February, Husain and his team spent two weeks in Indonesia and Sri Lanka, countries hit by the tsunami, and trained several hundred people there. Husain hopes to raise funds to revisit the area and establish a permanent psychological treatment center in Banda Aceh.

As he usually does during training sessions, Husain asked local children to serve as models so he and his team could demonstrate appropriate therapies. "Children like it," Husain says. "I tell them, 'You're

going to be teaching the teachers.'"

One such child was a 14-year-old Sri Lankan boy who had been on the beach when the tsunami hit. The boy told them how he had scrambled up a tall palm tree and had perched atop it for hours with his feet underwater. He still has nightmares about the ordeal. The waves made tremendous noise, and now when he hears helicopters overhead, the sound reminds him of the tsunami and frightens him.

"He has stopped going to the beach," Husain says, "but he hopes to return one day."

SOCIAL TIES

JANE Bierdeman-Fike may not be an MU graduate, but she is one of the MU School of Social Work's strongest supporters.

Bierdeman-Fike served as director of Fulton (Mo.) State Hospital's psychiatric social service department from 1962 to 2000, and over that time, she developed a strong relationship with the school's faculty and students. She is a long-standing member of the school's professional advisory committee, and under her leadership, the hospital became a key internship site for social work students.

"I had the idea that if a department was to have a very high standard and the best type of practice available, it would do well to invest in education," Bierdeman-Fike says. "We found this in the University's School of Social Work, and as a result of this joint commitment, we probably have trained more students than any other site in Missouri."

An internship at Fulton State Hospital can be challenging because the site serves



PHOTO COURTESY OF HEAR BUREAU

This makeshift orphanage in Banda Aceh, Indonesia, is now home to these young girls, who lost their parents in the Dec. 26, 2004, tsunami. Professor Arshad Husain visited Indonesia and Sri Lanka to teach local volunteers how to treat children traumatized by the disaster.

as Missouri's treatment facility for mentally ill offenders. Most patients are found not guilty or unable to stand trial by reason of mental disease or defect. Those thought to be the most dangerous are housed in maximum-security wards.

"We have a special responsibility," Bierdeman-Fike says. "While we have a mission to serve the patient and the patient's family, we also have the duty to protect the public. Through our close association with the faculty leadership at the University, we are able to select and educate the students who are best suited to this setting. Not all social workers are

AROUND THE COLUMNS



PHOTO COURTESY OF REAR SURVIVORS

Professor Arshad Husain, left, and Heru Susetyo, a volunteer with the Red Crescent Society of Indonesia, stand amid the ruins of Banda Aceh, Indonesia. The mosque in the background was one of the few buildings in the area to survive the devastating Dec. 26, 2004, tsunami. Husain visited the region as director of MU's International Center for Psychosocial Trauma.

capable of this area of practice."

Even since Bierdeman-Fike's retirement in 2000, Fulton State Hospital has maintained its close relationship with the MU School of Social Work. Each semester, MU undergraduate and graduate students gain valuable hands-on experience through internships at the hospital.

Master's student David Helling was an intern at the hospital in the winter 2005 semester and met Bierdeman-Fike at his orientation. "What's good about this place is that it's known as a teaching hospital, so everyone is comfortable having

students here," he says. "Ms. Bierdeman-Fike got that started."

THE BITE IS WORSE THAN THE BARK

THE PATIENT LIES ANESTHETIZED on an operating table while a group of students follows surgeon Richard Meadows' every move. He carefully threads a surgical probe below the patient's gum line and gently dissects nerve tissue from an infected tooth. As he works, Meadows watches a nearby television screen that shows digital X-ray images of the probe's exact location.

For Meadows, associate professor of veterinary medicine and surgery, it's another routine root canal. For the patient, a border collie cross named Jessie, it means he can be chomping on a dog toy again before long.

Meadows, a 2005 William T. Kemper Fellow, is one of just a handful of veterinarians who teach animal dentistry. There are probably fewer than 100 in the entire world, he says. "At the same time, more and more pet owners have become interested in state-of-the-art medicine. They want the same level of medical care for their pets that they get. The problem is, a lot of veterinarians have just not been trained well in dentistry."

Meadows wants to change that. With a \$76,000 gift from Pfizer Animal Health, he plans to expand the veterinary dentistry laboratory at Mizzou and make dentistry a bigger part of the veterinary curriculum. He also wants to

provide training to veterinarians already in practice. It will be the only such training facility in Missouri and one of only three in the United States.

That's important, he says, because dogs and cats 3 years and older have an 80 percent chance of developing dental disease. Left untreated, it could fatally damage a pet's heart, liver and kidneys. Owners usually don't notice any symptoms of their pet's dental distress.

"Dogs and cats will not show symptoms of tooth pain until it's just desperately painful," Meadows says. "Think about it. It doesn't make sense for them to show potential adversaries that their primary defense mechanism isn't working right."

And they rarely develop cavities, because they have pointed teeth and a more alkaline saliva that discourages decay-causing bacteria, he says. "It's possible that's gotten worse as dogs are eating more processed sugar, just like you and me."

What advice does Meadows offer owners to protect their pets' dental health? "They should brush their dogs' teeth three or more times a week."



ILLUSTRATION BY JOHN NICOLA

NORM HOLDS COURT

PRESSURE WAS HIGH AS THE Missouri men's basketball team entered St. Louis' Savvis Center to play rival Illinois during Final Four weekend.

Confused? Don't be. This was not the current team but a team of alumni players coached by Norm Stewart, who had previously coached them all. The team played as part of the pre-Final Four festivities on April 1, which included a Harlem Globetrotters game and other events.

Going against an Illinois team coached by Lou Henson, Mizzou took down their rivals 56-51 in a heated game that included physical play and some near-scraping. "I was impressed with the competitiveness and the desire to win," Stewart says, "and it got very aggressive."

Stewart says the players played well together despite the age differences and the fact that many had never played

together before their practice the day before the game. Brian

Grawler, BES '01, was the team's youngest player, and John Brown, Arts '73, was the oldest and the first to score points for MU in the game.

The game came down to the basics, with free



throws by Grawler and others being the deciding factor. "You have to make free throws at the end to win," Stewart says. "It doesn't change."

Some other things don't change either. For one thing, some guys were begging to get off the bench for more playing time. For another, the players met up at Harpo's (although in Chesterfield, not Columbia) to hang out after practice.

ALL-AROUND SUCCESS

PRACTICE FOR MU'S GYMNASTICS team in mid-April was an odd mix. While the majority of team members were trying out new skills for next season, senior Alisha Robinson was hon-

ing her mind and body for her last meet: the NCAA Championships.

That kind of individual focus is nothing new to Robinson, though, who has qualified for nationals as an individual all-around competitor twice before. Robinson, who also won her second-straight Big 12 vault title this season, placed third on the vault during a session at nationals for All-America honors.

Though not qualifying for nationals, the team as a whole also finished strong, placing a record-high 14th in the country after a third-place finish at the South Central Regionals, behind only top-10 teams Michigan and Nebraska. The next step is breaking into the top 12



MU ATHLETICS MEDIA RELATIONS PHOTO

Senior Alisha Robinson won her second consecutive Big 12 vault championship this season, then won All-America honors at the NCAA Championships.

AROUND THE COLUMNS

THE NEW MAN TO BEAT

TWO YEARS OF COMPETITIVE aggression mixed with mutual respect ended on March 19 when MU wrestler Ben Askren took second place in the NCAA Championships to Oklahoma State's Chris Pendleton. After the match, the two shared friendly words, knowing their collegiate rivalry was ending.

Pendleton, a graduating senior and repeating national champ in the 174-pound weight class, has lost only twice in the last two years. Askren, a sophomore who has made the finals of every tournament he has competed in for MU, is one of the only two to beat him (2004 Big 12 Championship). Now, Askren will step into Pendleton's role. "Ben now is the man to beat," Coach Brian Smith says. "It's his weight class, if he wants it."

Judging by his summer schedule, he does. He'll spend most of his time at camps or competitions, including the Pan Am Championships and World Team Trials.

Askren's achievements highlight Smith's ever-improving program. The team finished 11th in the country this year based on individual performances at the NCAA Championships, held in St. Louis and sponsored by MU. That's up from 13th in 2004, and it's the best finish in 20 years. The team also had three All-Americans for the second straight year, something it hadn't done before last year. In addition to Askren, senior Tyron Woodley and sophomore Matt Pell each placed seventh in the championships. It's Woodley's second All-America placement; he didn't qualify for the championships last year, but he came back from that disappointment impressively this season.

Though happy with the success, Smith stands by his repeated assertion that the goal is to win an individual title and a team national title — not years from now, but soon. As Askren becomes the man to beat, part of that goal might come a little sooner.

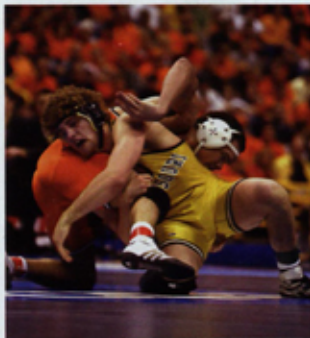


PHOTO BY CHRIS DETRICK, MU ATHLETICS MEDIA RELATIONS
Ben Askren may be top man in his weight class next season. Askren, a sophomore, placed second in the NCAA for the second time in 2005.

SMART SWIMMERS

WHEN IT COMES TO MIZZOU's swimming and diving team, coaches and administrators talking about the importance of the student part of student athlete aren't just blowing smoke.

For fall 2004, male swimmers boasted a 3.25 GPA, which earned them Academic All-America honors and placed them fourth among 52 teams in the country behind only Yale, Dartmouth and Brigham Young. The women's team also finished a respectable 17th out of 67 teams.

On the athlete side of things, diver Evan Watters finished second in regional competition and became the first MU diver to qualify for the NCAA Championships since 1982. At the Big 12 Championship, the men's team had five all-time top-5 MU performances, including Matt North's fourth place finish in the 200-yard breast stroke and Peter Willett's second place in the 1,650-yard freestyle. The women's team also had a strong meet, including the 400-yard freestyle relay team's (Lindsay Pallykin, Amanda Morford, Katie Gates and Shannon Hogan) fourth-place finish.

Norm Stewart took control of the Tigers one more time in an alumni game against Illinois featuring, from left: Jason Sutherland, Mike Sandbothe, Greg Church, Corey Tate, Willie Smith, John McIntyre, Dan Blingenheimer and Kim Anderson.

by placing second at regionals, says Coach Rob Drass. The top 12 teams advance to nationals, and MU missed that goal by only two spots this year. MU continues to gain and maintain national prominence.

"The hardest part is already done. Moving from 14th to 13th or 12th isn't as hard as getting out of the 60s, getting to the regionals and getting into the top 20," Drass says. The team has finished in the top 30 for four years straight.

Alternative



Athletics

STORY BY
CHRIS BLOSE

PHOTOS BY
ADAM MASLOSKI

ATHLETES IN MU'S UNSUNG SPORTS CLUBS TAKE A NO-FRILLS

APPROACH TO TAKING DOWN THE COMPETITION.

Top-notch training facilities. Star treatment and campus celebrity. Buses and planes for road trips. Hotel rooms with enough beds for everyone. Special dining halls. Shiny new equipment. Trainers. Coaches. Cheerleaders.

Forget all that stuff.

The athletes on MU's club teams are more likely to train wherever they can, cram way too many people into cars for traveling, sleep on hardwood gym floors or in overfull hotel rooms, eat leftovers before the big game, and buy their own jerseys. As for coaching, well, some of them pretty much do that themselves, too.

So why do they do it? Because even though nobody is likely to recognize them as they stroll about campus, and even though they'll probably never be on TV, and even though there's no scholarship money in it, they, too, crave competition and need an outlet for their boundless energy.

The Competition Gets Rolling

Brady Beckham, president of the Mizzou cycling club, describes his riding preference as follows on the

Mizzou cyclists, including club president Brady Beckham, front, hit the road for practice on a course southwest of Columbia.

club's Web site: "If it rolls, I ride it."

The same could be said of Mizzou's racing team, the more serious members of the club. Some are road riders, toned and trained for sprints and long distances. Others are mountain bikers, hungry for downhill thrills and cross-country treks. Some do cyclocross, an event on a dirt track that includes barricades over which bikers must hurdle with their bikes after dismounting.

Competing in the Midwest Collegiate Cycling Conference, as well as in non-collegiate races, riders tackle the mountain in the fall and the road in the spring at competitions around the region. Over the past couple of years, the Mizzou team has qualified for nationals in both road and mountain divisions.

Some riders see the racing team as a stepping stone to a pro career. Brian Dziewa, BS BA '04, a road-racing star for Mizzou's team, now is training with an elite amateur team and trying to ride professionally, and Beckham hopes to follow suit.

It's not all serious, though. Take the naked race that happened on a Saturday night after a race in Columbia, for example. Riders shot out of Beckham's garage in nothing but helmets, shoes and gloves, to the surprise of spectators. The ride was short because of the fear of law enforcement.



Some bikers like to go off-road — sometimes several feet off the road. Here, Chad Malis takes a jump on the Mizzou cycling team's dual slalom course, which includes two tracks for side-by-side mountain bike racing and jumping.

"There weren't any run-ins with the law," Beckham says, "but there were some run-ins with the asphalt." That's commitment.

Come Arson or High Water

Marin Devine didn't know until she got to college that she'd be perfect for a rowing team because of two of her personal attributes. "I'm small, and I'm loud," she says.

Those two qualities led her to her current position as a coxswain and president of MU's rowing team for 2004-05. The coxswain is the one who sits in the stern or bow, depending on the style of boat, and barks out directions to the rowers.

BACK IN 2003, TEAM

MEMBERS WOULD DRIVE TO

REGATTAS WITH NOTHING BUT

OARS STRAPPED TO THEIR

CARS AND ASK TO BORROW

BOATS FROM OTHER TEAMS.

The coed team has shown great improvement since its founding in 2000, in both growing numbers and improved results. The men's four-person boat, for example, won first place at a regatta (boating competition) in the fall.

Devine says the team has had its share of hardships, though, from faulty rental

trucks to nights spent on YMCA floors while on the road. They've endured arson (no kidding, someone set fire to their training boat) and been kicked off one lake. They've survived training at a Missouri River access branch that doesn't always smell so pleasant. And back in 2003, team members would drive to regattas with nothing but oars strapped to their cars and ask to borrow boats from other teams.

The rowing team still thrives on improvisation — including off-season training on some old rowing machines in the vice president's garage — but things improved considerably when the team received \$33,000 from the Student Fee Capital Improvement Committee for three new boats, which arrived in July 2004. No longer will local news outlets get to call them the *Cool Runnings* rowing team when they roll into town for a competition.

The Scrum Subculture

In rugby, the home team plays host in a way that goes beyond merely providing the pitch (otherwise known as a field, but don't say that around a rugby player). After 80 minutes of fierce and physical competition, the home team throws a party, complete with chummy

camaraderie and universally known rugby songs.

That social aspect appeals to many players on Mizzou's women's rugby team, including co-captains Kat Dober and Megan Laffoon. Dober recalls her own aggressively social recruitment by another player: "She basically said, 'Oh, you're interested. We'll pick you up for practice tomorrow.'" Dober and Laffoon continue the tradition, happily approaching strangers who look like potential players. The roster is up to 23 players as word spreads of the team, which had a 3-1-3 record in fall 2004.

Beyond the promise of pummeling people, some players also savor the chance to learn a complex sport. Most have a sports background but come to Mizzou's team without experience in rugby, which is often inadequately described as a mix of soccer and football. With its multiperson scrums; its extensive rules for when you can and can't carry, toss or kick the ball; and its complex roster of positions, rugby is, as the team's Web site

Right, rugby players Nika Miller, Megan Laffoon, Mary Nguyen and Mel SanMiguel show they're not to be trifled with. Below right, rower Travis Heseleman gets an off-season workout on one of the team's old rowing machines. Below, crew members prepare for practice at Providence Access.







describes it, "its own backwards self."

"The more you learn about it, the more you're like, 'This really is a cool game,'" Laffoon says. Being able to understand a game that's often over the heads of sports-loving guys is another plus.

Even at the postgame parties, players must follow the rules. If they mess up the lyrics to certain songs, they have to "shoot the boot," meaning they have to drink from whatever pair of sweaty, muddy cleats is handy. That's incentive to learn the words — and the rules — as quickly as possible.

Follow the Flying Disc

Sandal-clad students leisurely tossing a Frisbee about on a grassy quad: This image just screams "college."

The image falls apart once you see an ultimate Frisbee match, though. With all the yelling, diving and leaping for flying discs, and with the generally fierce competition, it's a far cry from the lazy spring days of college life.

Ultimate Frisbee, something like a hybrid of soccer and football but played with a Frisbee, has caught on so much in recent years that many colleges and even high schools have teams, says Michael Houston, president of MU's men's club



Frisbee doesn't always mean leisurely tosses on the Quad. Left, MUTants ultimate Frisbee player Justin Rethmeyer outleaps his opponents for a flying disc during a tournament hosted by MU in April. Above, Mikey Bostwick makes a grab.

team, the MUTants. The MUTants, consisting of many serious players such as Houston, practice and play pick-up games and tournaments throughout the year and then compete in the College Ultimate series in the spring.

The college series includes tournaments of 15 to 30 teams around the region, from St. Louis to Lawrence, Kan., plus one in Columbia hosted by the MUTants. In 2005, the team finished ninth in its section, which covers Missouri, Oklahoma, Kansas and Arkansas.

As for players, Houston says there's always a fresh supply of them. Mostly, they come by word of mouth and from advertising at activities fairs. That's one big difference between club sports and intercollegiate athletics.

"We're not going to high schools on recruiting trips or anything," Houston says.

Hockey, Sans Ice

MU's roller hockey club goes out of its way to practice. No, seriously, team mem-

bers go way out of their way to practice. During the season, they repeatedly drive an hour and 15 minutes to a rink in St. Peters, Mo.

That's because roller hockey players are serious, says co-president Osmaan Shah. Their competitive intensity is evident in the fact that, with very little advertisement, 50 people showed up at tryouts for the 24 total slots available on two club teams. It also shows up in team members' willingness to stay after week-end events for an extra practice, just because it's so inconvenient to keep driving back and forth.

Many of the players, Shah included, come from the St. Louis area, a roller hockey hotbed. Now, they travel to near

that area for about eight weekend competitions through the fall and spring season. The team has made the national championship tournament in the past, and it made it to the regional finals last year.

That is more impressive, Shah says, when you consider that they're playing against teams that recruit nationally and have coaches (Mizzou doesn't). Their success comes in part from most players having a background in the sport, Shah says: "It's really competitive. Nobody who hasn't played before makes it." ●

Roller hockey may not include the chilly toes of its icy counterpart, but it includes all the smashing and bashing. Below, MU player Eric Thompson takes a hit during a tournament in St. Peters, Mo.

Athletics Support

As of fall 2005, students in club sports might not have to rely so much on a do-it-yourself attitude. At that time, club sports will move from under the umbrella of student organizations to advisement by Recreation Services. The move comes in part because of student input. "The goal is for sports clubs to receive the attention and support they deserve," says Nick Evans, coordinator of student organizations.

Funding will be reallocated from ORG (the group that funds student organizations) and the Student Fee Capital Improvement Committee to create a new organization specifically for club sports. Approximately \$45,000 will go to club sports for the fall semester, says Jason Blunk, a student senator who chairs the Student Fee Review Committee and is working on the transition. The newly created Mizzou Sports Club Council will oversee club sports, and its executive board will allocate funds in response to requests. Additional support will come in the form of a full-time staff member specifically working on club sports, a position needed but missing in the past.

The move will affect all sports-related clubs now and in the future. Students can continue to get their competition and fitness fixes through the club teams in this story and many others, including fencing, cricket, canoeing and kayaking, bowling, various forms of martial arts, women's ultimate Frisbee, men's and women's lacrosse, men's rugby, shooting, racquetball, climbing, equestrian events, water skiing, men's and women's soccer, and men's and women's volleyball, among others.



Serving the



Student Body

STORY BY MARY BETH CONSTANT

PHOTOS BY ROB HILL

THE NEW STUDENT RECREATION COMPLEX EXPANDS ON HISTORIC ROTHWELL GYMNASIUM
AND BREWER FIELDHOUSE TO PROVIDE A FITNESS FACILITY FOR A NEW ERA.

Late on a freezing January night, scores of Mizzou students wait expectantly outside. They chatter with excitement and protest vociferously when latecomers attempt to worm their way to the front of the line.

Rubbing her gloved hands against her arms for warmth, a young woman turns to her friend. "This is just like when we went to go see Brad Pitt," she notes wryly.

When the doors finally open at midnight, hundreds of students stream inside — but not to catch a glimpse of a visiting celebrity. This time, the campus star is the Student Recreation Complex.

At 293,000 square feet, MU's new Student Rec Complex is one of the 10 largest higher education recreation facilities in the country. It features four pools, three performance studios, 10 hardwood sport courts, an 18,000-square-foot fitness club, an indoor track, gleaming locker rooms, a heavy-lifting gym, a juice bar and a climbing tower, among many other amenities. This isn't your average fitness center.

Diane Dahlmann, director of recreation services and facilities, envisions the

The new Student Recreation Complex's 18,000-square-foot fitness center, known as the Jungle Gym, features more than 100 pieces of cardiovascular equipment, including treadmills, stair machines and stationary bikes.

Student Rec Complex becoming a place not only to exercise but also to simply hang out after classes or in the evenings.

"This will be a destination location," she says with a proud smile.

A Marathon of Planning

Not surprisingly, such a rec complex wasn't built in a day — or even a year or two. Recreation staff members have been collaborating with students since the mid-'90s on plans for better fitness facilities.

The old Student Rec Center, a 1987 addition to Rothwell Gymnasium and Brewer Fieldhouse, was more than 100,000 square feet smaller than today's complex, but it made up for lack of size with volume of complaints. Problems included insufficient air conditioning, poor ventilation and isolated, badly lit locker rooms, which dated back to 1905. "Students thought our locker rooms were old and scary, and they were," Dahlmann says.

Lack of space was perhaps an even more pressing issue. The rec center didn't have enough cardiovascular equipment, weight machines or free-weight stations to meet demand, and people had to queue up for nearly an hour for a spot in a TigerX fitness class. Swimmers angrily noted that only 17 hours a week were available to students in the natatorium.

The existing facility simply could not



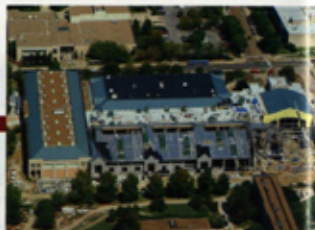
Students must attend an orientation session, held twice weekly, before they can tackle Scroggs Peak, a 42-foot climbing tower.



May 21, 2003



Jan. 20, 2004



Sept. 17, 2004

meet the needs of a growing student body, plus the faculty, staff and alumni who pay for membership. "We had outgrown it as a campus," Dahlmann says.

After years of study and debate, students voted in 2001 on a much-publicized referendum to increase student activity fees to cover the cost of expanding and renovating the rec center. Students had three options: no increase at all, an increase of \$50 per semester or a \$75 increase. (Both increases would take effect only after the new complex was available for use.) Sixty-five percent of the 4,141 students who voted approved the \$75 increase, giving planners license to create a truly extraordinary facility.

"This is the most involved I have seen students in facilities projects," says construction engineer Dave Bowman. "It

wasn't just during the referendum. They stayed with the project, attending design meetings and giving input throughout the design phase."

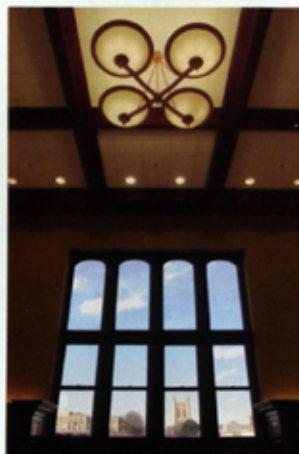
For example, students insisted that the rec center remain open throughout the construction process, and the University responded by carefully rearranging the center's layout as construction progressed to ensure that the facility remained usable, if not always at full capacity.

The \$43 million construction project broke ground in 2003 and is running within its budget. Student activity fees are financing construction and will cover the bulk of the rec complex's operating expenses. Nonstudent memberships, program fees and event fees will cover the remaining expenses, and reserve funds will be used to pay for capital expenditures, such as resurfacing Stankowski Field. The University will continue to pay for the facility's utilities, maintenance and custodial costs.

Healthy Developments

Mizzou's Student Rec Complex might be a larger, more ambitious facility than those at most other universities, but MU is hardly alone in constructing a new fitness center in response to student

The room that is now known as the Old Varsity Club, top left, was formerly a trophy room and later used as a handball court. Planners combined old and new by preserving the exterior stone walls of Rathwell Gymnasium, left, while converting much of the interior into offices for recreation services and facilities staff.





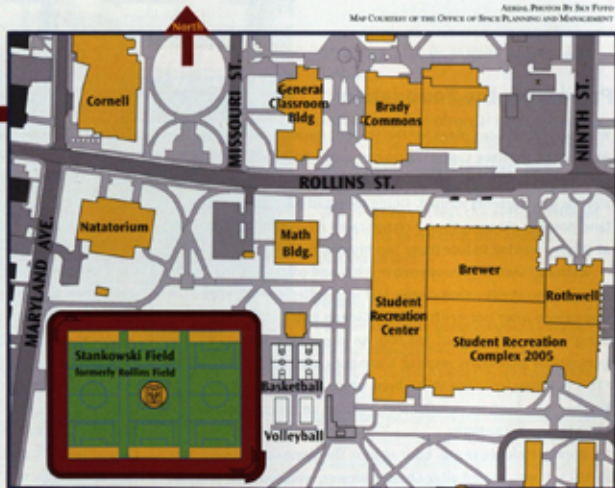
March 20, 2005

demand. A 2004 story in *American School & University* magazine describes such construction projects as a bona fide trend: "Just as student athletes have raised the bar for a winning performance by becoming stronger, faster and more agile, standards also have been raised for collegiate recreation facilities."

At universities across the country, students are demanding better recreation facilities and, as at MU, backing up that wish with referendums supporting higher student fees to finance the projects. In the Big 12, Baylor University, the University of Kansas, the University of Oklahoma, Oklahoma State University and the University of Texas have either substantially renovated or built new fitness facilities in the past six years.

To think of such facilities as mere luxuries would be a mistake. Studies have shown that improving students' quality of life can increase retention, and statistically speaking, students who exercise fairly regularly earn higher grades than their more sedentary counterparts. Moreover, exercise helps prevent depression, reduce stress and improve sleep quality — help that many college students can use.

Dan Shipp, associate director of recreation services and facilities, also sees the Student Rec Complex as a way to offer students alternatives to more risky leisure activities. "There are a lot of negative choices that pull on a student's leisure time," he says. "We're competing with clubs and downtown. Here, it's all very



To create the new Student Recreation Complex, architects planned a dramatic renovation and expansion of Rothwell Gymnasium, Brewer Fieldhouse and the old Student Recreation Center. Other recreation facilities include Stankowski Outdoor Recreation Complex, Hinson and Apple fields off of Providence Road, and the three miles of the MU Rec Trail connecting Mizou to city recreation trails. Swimmers who once used the old natatorium will be able to use the Aquatic Center in the Student Rec Complex.

healthy and positive activity."

In the winter 2005 semester, the rec complex closed at 9 p.m. on Fridays and 8 p.m. on Saturdays instead of staying open until midnight as it does on weekdays, but Shipp says the schedule may change. Students scan their student identification cards to enter the building and also to exit, providing data on how long they stay at the rec center and when they leave. Those numbers will help determine whether the rec complex should stay open later on weekends to provide students

with an alternative to barhopping.

The new rec complex already is changing the ways in which many students spend their evenings. "Before the renovations, when I first came to the rec center, I thought, 'Oh, it's not really someplace I want to hang out in my free time,'" says Persephone Dakopolos, a sophomore international studies major from Laurie, Mo. "Since the renovations, all my friends started coming, so I started coming, and I come here every night now. It's definitely changed the way I spend my

The Student Rec Complex by the Numbers

108.5	Number of hours per week that the Student Rec Complex was open in the winter 2005 semester
18,000	Size, in square feet, of the Jungle Gym fitness center
300	Number of people the Jungle Gym fitness center can accommodate
85	Number of people the old fitness center could accommodate
11	Number of flat-screen televisions in the Jungle Gym fitness center
42	Height, in feet, of the climbing tower, Scroggs Peak
1.5	Millions of gallons of water needed to fill all pools in the Aquatic Center
202	Number of teams competing in the RecSports intramural basketball leagues in the winter 2005 semester
5,000	Average daily attendance at the new Student Rec Complex
39	Monthly cost, in dollars, for an MU Alumni Association membership to the Student Rec Complex

Preserving the Foundation

With such ambitious plans for the Student Recreation Complex, an outsider might have suggested tearing down Rothwell Gymnasium and Brewer Fieldhouse and starting from scratch to build the shiny new facility students wanted. Doing so would have been easier (and possibly cheaper) than a complicated renovation, but no one at Mizzou wanted to lose those two historic buildings.

Rothwell Gymnasium opened in 1905 and originally housed men's physical education classes and intercollegiate athletics. It was named after University Curator Gideon Rothwell and carried a construction cost of about \$65,000. An imposing stone citadel, the gymnasium sometimes inspired a romantic view of athleticism. "This building looks like those from which in the olden days knights rode forth to tournaments," mused an unnamed writer in a 1912 University bulletin.

Brewer Fieldhouse was built against the gymnasium's west side in 1929. It was named after Chester Brewer, who coached several MU athletics teams, taught physical education and, most notably, served as athletics director from 1910 to 1917 and from 1923 to 1935. Brewer famously founded MU's Homecoming tradition in 1911 when he urged alumni to "come home" for the annual Missouri-Kansas football game, held in Columbia for the first time.

Brewer Fieldhouse was home to Tiger basketball for decades. Coach Norm Stewart played there as a student in the 1950s and was named an All-American. Stewart also began his Mizzou coaching career at Brewer in 1967. The basketball program moved to the Hearnes Center in 1972, but the final season at Brewer Fieldhouse was a great one. The 1972 *Savitar* boasts that the 1971-72 men's team won 21 out of 27 games, posted the best overall record in the Big Eight conference and ranked as high as 11th nationally. While acknowledging the limitations of the "ole barn," the '72 *Savitar* pays tribute to the retired basketball court: "The low ceiling, rickety old bleachers, perpetual darkness, and characteristic smell of musty dirt will be missed ... because Brewer has been good to the Tigers. They've lost only four times out of 47 in the last four years at home; all to eventual Big Eight champions or national powers."

With so many memories and so much history embedded in the stone walls of Rothwell Gymnasium and Brewer Fieldhouse, those planning the Student Rec Complex decided to incorporate the new with the old. As a result, 2005 has been a landmark year for MU's recreation facilities. Just as the new Student Rec Complex opens its doors, Rothwell Gymnasium celebrates its 100th birthday.

While designing the rec complex, architects went back to the original construction plans for Rothwell. They found that a room serving as a handball court had originally been a trophy room, the very spot where Brewer proposed founding the M Club for student

athletes on the eve of the first Homecoming game in 1911. The trophy room also became the M Club's headquarters. Diane Dahlmann, director of recreation services and facilities, says club members often played snooker in the high-ceilinged, wood-paneled space.

Today, the room is known as the Old Varsity Club in honor of the M Club. No longer a handball court, it serves as a conference room amid the staff offices that now fill much of the old Rothwell building. A restored painting of Brewer hangs above the mantel.

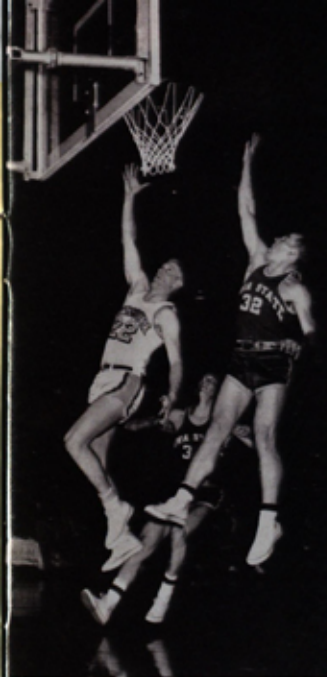
Elsewhere in Rothwell is the headquarters of Team Mizzou (see story about the student staff of recreation facilities and services on Page 30), which proudly displays some of the original wooden railing from inside Brewer Fieldhouse. Dahlmann says that many believe the rough notches in the railing come from Coach Stewart's clipboard striking the rail to punctuate his frustration or excitement.

The fieldhouse also celebrates MU basketball history. An enormous archival photograph of a varsity game hangs above the Brewer court, where the original scoreboard remains on the west wall. The dusty floor was replaced long ago, of course, but the wood-beamed ceiling is freshly clean. The rafters, too, have been cleansed of decades worth of pigeon waste — a project that required extensive steam cleaning.

One finds mementos of Mizzou's past throughout the Student Rec Complex, from archival photographs to architectural touches. Dan Shipp, associate director of recreation services and facilities, says students involved in the project were adamant that the new building respect the history and heritage of its predecessors: "Our students would have it no other way."

*Brewer Fieldhouse wasn't just home to Mizzou basketball. The basketball court surface was removed for track meets, which were held indoors on what was called the Brewer Fieldhouse oval. In this photo, below, from the 1956 *Savitar*, sprinter Jack Davis, BS Ed '57, wins the 100-yard dash in a meet against Kansas State University.*





extra time, I think, instead of sitting on the couch."

Making a first-class fitness facility available to all students is also egalitarian, in its way, as student athletes nationwide have long had access to bigger and better resources than other students. "We're going to treat the average student just as well as we treat our athletes," Dahlmann says.

Fitness in Style

Planners went to great lengths to make the rec complex fun, exciting and dynamic. In the Jungle Gym fitness area, for example, a DJ turns a roomful of more than 100 pieces of cardio equipment and weight machines into a nightclub-like atmosphere, complete with bass-heavy music and flashing colored lights.

"Students were clear that they didn't want it to be institutional," Dahlmann says, gesturing to the vibrant, Tiger-themed room. Many of the numerous flat-screen TVs on the walls carry ZouTV, internally produced programming that features everything from health-related programs to movie trailers. Shipp explains that the advertising revenue will pay for the televisions — and then some. Profits will go into a scholarship for Team Mizzou student staff members (see story on Page 30).

Those who find the Jungle Gym a bit too stimulating can find a more staid workout environment in the quiet room next door. Power-lifters can check out the Pump Room, an industrial-looking



Brewer Fieldhouse was home to MU basketball back when Coach Norm Stewart, No. 22, was a star player himself, top left. Today students use the court for pick-up scrimmages and RecSports intramural games, though the original scoreboard remains on the west wall, top right. Left, rec staff members are committed to making the rec complex accessible to members with disabilities. In fact, the new Tiger wheelchair basketball team trains at this facility.



Working Out on the Job

For many students, the Student Recreation Complex isn't just a place to work out. It's an employer — and a highly sought-after one.

Recreation facilities and services' student staff members constitute Team Mizzou, but Team Mizzou is more than an employment opportunity. Director Diane Dahmann describes it as a leadership program, providing valuable work experience, rewarding initiative and offering opportunities for advancement. "We're preparing them for success in their personal and professional lives," says Dan Shipp, associate director of recreation services and facilities.

Open more than 100 hours per week to accommodate early birds, night owls and everyone in between, the Student Rec Complex and other recreation facilities require a large staff. Students serve as event managers, referees and fitness techs as well as lifeguards, aerobics instructors and personal trainers — positions that require specialized training and certification. By fall 2005, Team Mizzou will employ nearly 500 students.

Flexible shifts and a campus location make the program an ideal employer for many students, particularly those without cars. "You can go to class, go to work, and then go back to class again," says Carrie Summers, the student assistant manager of Team Mizzou.

Because the positions are so desirable, Team Mizzou can afford to be quite selective. During recruitment sessions, the program regularly draws many more applicants than openings. At the recruitment

The Jungle Gym fitness center has more than 50 pieces of equipment for strength training. Free weights are also available.



session at the beginning of the winter 2005 semester, Team Mizzou received nearly 400 applications for only 30 openings. The application process, run in large part by current Team Mizzou members, requires multiple interviews as well as a professional résumé and cover letter.

"We're looking for 'assertively friendly' people — that's our term," Summers says, describing the ideal Team Mizzou member as having "a professional demeanor but friendly and fun." Interviewers also look for problem solvers willing to take initiative. "The professional staff is generally only here during normal business hours, so you have to be able to fix things on your own," Summers says.

Once students join Team Mizzou, they're reluctant to leave: The program has a 92 percent retention rate. Some students stick with it throughout their college career. One of these, in fact, is Summers, a senior business major from St. Louis who plans to go on to earn a master's degree in business administration. As an undergraduate, she has studied marketing, but her experiences as Team Mizzou assistant manager have shifted her interest. "I'm now thinking about management," she says with an assertively friendly smile.

environment where, one imagines, Rocky Balboa would feel right at home. Pick-up basketball and RecSports intramural games take place on the 10 hardwood courts; courts in the Brewer area of the complex even have seating space for the crowds who attend RecSports championship games.

The Aquatic Center, the "wet side" of the rec complex, is scheduled to open in June. It will feature an Olympic-size competitive pool; a 17-foot-deep diving pool; Tiger Grotto, an indoor club pool featuring a waterfall and a vortex; and a heated outdoor club pool. With space for more than 1,000 spectators at the competitive pool, MU's swimming and diving teams will have a new home for their meets and practices. (The University has not yet determined the future of the old natatorium.) However, the size and versatility of

the pool, which can be subdivided easily, usually will allow at least some lanes to remain open to individual swimmers.

The heart of the new rec complex is Downtown Brewer. Designed to look like a street with multiple storefronts, the downtown area features activities ranging from rock-climbing to racquetball to martial arts to massages.

The origins of the downtown area are serendipitous. Planners felt some of the old rec center's numerous racquetball courts could be better used for other purposes, but tearing down the thick concrete shells would have been a costly endeavor. Instead, in a particularly creative bit of design work, the courts became smaller multipurpose rooms, the "shops" of Downtown Brewer.

Students have responded to their rec complex with enthusiasm. Since the

newly renovated areas opened in January, attendance has risen dramatically, from about 3,000 visitors per day to more than 5,000. All but 20 of the complex's 700 premium lockers had been rented by early February. (Free day-use lockers also are available.)

At nearly any hour of the day, the rec complex is bustling with activity, and the response has been overwhelmingly positive. "I had been waiting for some time for the renovations to be completed, and now that they are, I'm more than satisfied," says Patrick Verstraete, a sophomore from Kansas City, Mo. "It is definitely worth the higher fee. Compared to the rates of other gyms, the rec complex is a bargain." ■

In March 2005 the Student Recreation Complex's Aquatic Center was still under construction. The center's four pools are scheduled to open in June.



Motivation

A man in a light green long-sleeved button-down shirt and khaki pants is walking towards the camera on a paved path. He is carrying a blue bag in his left hand and holding a small blue object in his right hand. In the background, there is a large white domed building, likely a state capitol, surrounded by green trees and a clear blue sky with some clouds. A white car and a dark SUV are visible on a road in the distance.

STORY BY
DALE SMITH

PHOTO BY
STEVE MORSE

HOW DOES A BOY FROM A POOR FAMILY FARM IN RURAL SOUTH AFRICA WIND UP
9,000 MILES FROM HOME STUDYING FOR A DOCTORATE IN ASTROPHYSICS AT MU?

The short answer: mostly on foot. In 1976, outside the small town of St. Faiths, Basil Menzi

Mchunu was born into the culture of apartheid and the life of subsistence farming in a barter economy. His grandfather, a traditional healer, encouraged him to make medical school his goal. So, beginning at age 7, Mchunu hiked barefoot the five-mile round trip to elementary school. He made the trip faithfully, come what may, over dirt roads and bridgeless waterways. During the rainy season when the creeks rose, he stopped on the near bank, stripped, swaddled his books in his clothes, wrapped this package around the top of his head and paddled across the water floating on any handy log. If he arrived at school late, the teacher at his one-room school routinely whipped him.

Thursdays were especially tricky. That was the day that he, as head boy of the farm, was responsible for driving the family's cattle to a place where he waited in line to dip the herd in a pool of water treated to kill ticks. He could count on arriving quite late to school on Thursdays and on receiving a correspondingly severe whipping. Many of Mchunu's friends so feared the beatings that they left home each morning as if going to school but rarely attended classes.

After eight years in this school, Mchunu headed to high school, which was a 10-mile round trip from his home. He awoke at 4:30 a.m. each day to walk to school, which not only lacked a library and science laboratories but also was

chronically short of textbooks. His first science course started in 11th grade, but the texts didn't arrive until the following year, just five months before graduation.

At the beginning of his senior year, Mchunu and a friend moved as squatters into an abandoned house 10 minutes from school. His friend, Henry Ngecho, took Mchunu on weekend bus trips to nearby Durban and Port Shepstone to earn money doing odd jobs for white families. It was the first time in his life that

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DAY TO WALK TO SCHOOL, WHICH
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Mchunu had cash of his own. During that year he saved 1,000 rands, or about \$400.

In 1994, Mchunu enrolled at the University of Zululand in KwaZulu-Natal, his home province. The university accepted Mchunu's money as half of his first semester's tuition, and he began classes flat broke and with little prospect of earning the other half by midterm. Another student told him that, even though he was out of money, the university would not drop him as long as he earned good grades. He did. By his sophomore year, he was on scholarship. In his four years at the historically black University of Zululand, Mchunu took instruction from a total of two professors and their two assistants. But he remembers those years as his happiest because, with a library on hand, he suddenly found him-

self with a wealth of books.

In 1999, by mere coincidence, Mchunu and MU engineering professor Aaron Krawitz sat at the same luncheon table at a scientific conference in Port Elizabeth, South Africa. Krawitz, who was there as part of the University of Missouri South African Partnerships Program, remembers thinking that Mchunu was earnest, articulate and bright — an impressive person all the way around. He gave Mchunu his card and offered to keep in touch. They didn't. But about four years later, Krawitz sent an e-mail to find out what Mchunu was doing. Mchunu had been the first recipient of the Southern African Large Telescope fellowship and was finishing a master's degree in physics at Rutgers University in New Jersey. He told Krawitz he was thinking of applying to MU's doctoral program in physics.

Basil Menzi Mchunu, son of poor farmers, arrived in Columbia in August of 2004 to begin studying for a doctorate in astrophysics. He funds his studies partly with a teaching assistantship in the Department of Physics and Astronomy.

When he finishes, he plans to move back home and bring astronomy to the children of his country, many of whom desperately need a better educational system. He'll be one of just a handful of black South Africans with doctoral credentials in physics and astronomy. Until then, he'll continue returning home to his family farm once a year or so. But going home, he says, is emotionally difficult. His family is still very poor, and the farm's soils are worn out, so there is little hope for a better life.

Still, Mchunu tells his story without a trace of bitterness. Bad situations, he says, motivate him the most. ☉

Basil Menzi Mchunu of South Africa is one of 7,338 international students enrolled at MU. The top five countries sending students here are China (283), India (232), South Korea (205), Taiwan (97) and Thailand (61).

Catch a Rising

As he speaks to groups of people about building research across the University, Jim Coleman is wont to make his point using a sports analogy:

"How many of you play basketball?" asks Coleman, vice provost for research. In most audiences, several people raise their hands at this point.

"So, do you think Michael Jordan is worried about you breaking his records?" he continues. Everybody laughs. "You have to compete for the Michael Jordans of the research world."

In recent years, MU has recruited several top researchers, among them the three mentioned in this story. They include Sanjeev Khanna and Shuqun Zhang, who recently won National Science Foundation CAREER grants, an honor Coleman likens to being named rookie of the year.

Coleman also has high praise for an up-and-coming biological engineering faculty member: "Sheila Grant is a perfect example of someone who is merging life sciences with engineering research. All these people bring incredible passion for both their research and integrating that research for students."

Good people want to work with good people. When researchers of this caliber arrive on campus, they can create a ripple effect, Coleman says. "With every good hire, the University's ability to recruit other strong researchers grows."

Star

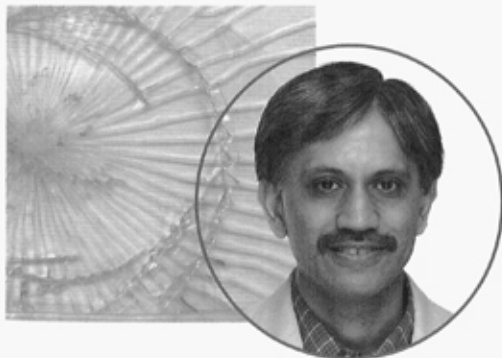
STORY BY DALE SMITH
PHOTOS BY STEVE MORSE

Hurricane-Proof Glass

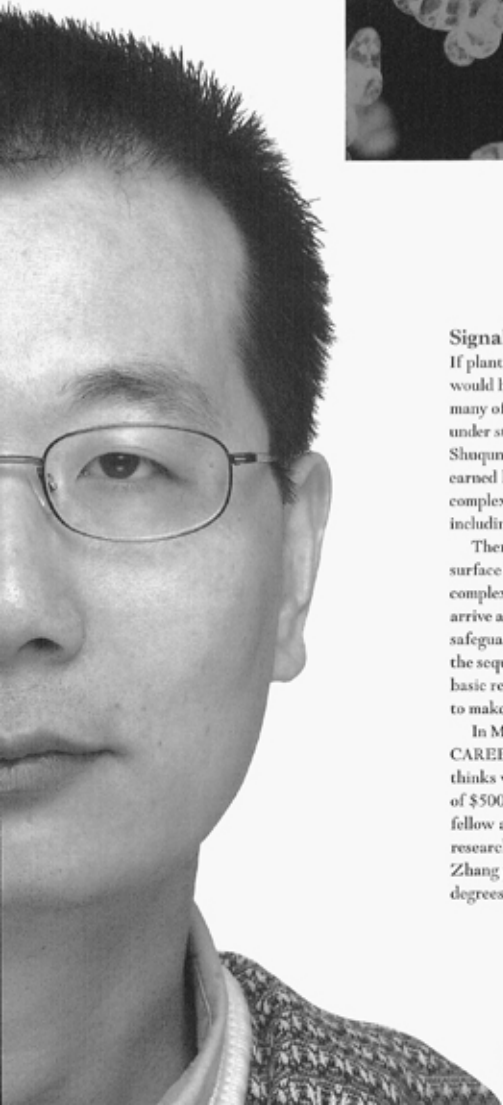
In parts of the world such as Florida, where hurricanes seem to roll around as regularly as national holidays, gravel and other projectiles frequently fly through the air at 60 mph and faster. In these places, the need for better windows goes far beyond aesthetics and R-values to grave concerns for safety and cost. In response to this need, Sanjeev Khanna, associate professor of mechanical and aerospace engineering, is working on what may turn out to be the next state-of-the-art safety glass.

The glass that builders now use is a sandwich of sheet plastic between panes of heat-treated glazing. Khanna's glass is similar, but with one key twist. Its middle layer is made of crisscrossed glass fibers embedded in plastic. The web of glass fibers spreads and attenuates the force of impacts so that the glass is more likely to remain intact during storms. Khanna says it would cost about the same to manufacture as current safety glass but would be cheaper in the long run when fewer panes break during storms.

To test the invention, Khanna and Vijai Venkata, MS '04, used a compressed-air gun to fire metal slugs at both types of glass at varying speeds. Both performed the same until the slug speed reached 65 mph, at which point the current glass failed. Khanna's experimental glass withstood repeated impacts of up to 90 mph. The results have encouraged him to continue improving his experimental glass, whose weakness is that it is less transparent than the current commercial product. Even more extreme tests of strength remain, he says. To gain government approval, the glass must not shatter when hit by an 8-foot wall stud traveling at 30 mph. Stay tuned.



Sanjeev Khanna is working on the next generation of safety glass.



Shuqun Zhang's basic research on plant signaling has garnered international attention.



Signals for Survival

If plants had brains, they'd be single-minded, indeed. Their mantra would be "survive and reproduce." But plants don't use, or express, many of their genes until absolutely necessary, such as when they are under stress. The ability of genes to hibernate saves precious energy, says Shuqun Zhang, associate professor of biochemistry. Zhang recently earned high praise in the scientific community for his studies of the complex internal signals plants send when they are subject to stress, including extreme heat or cold, viruses or ultraviolet light.

There's plenty left to learn. For instance, scientists know that surface receptors detect harmful things and that the receptors set off complex biochemical signals along pathways to the nucleus. Once signals arrive at the nucleus, additional genes can come out of hibernation to safeguard the plant. Although researchers have the general outline of the sequence, Zhang and others are still working out the details. It's basic research that could pay huge dividends if they can figure out how to make crops more resistant to stress.

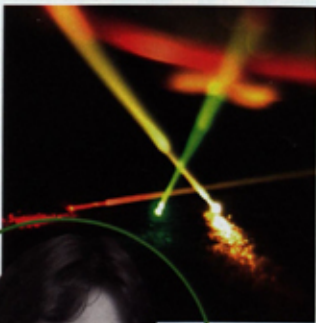
In March 2002, Zhang won a National Science Foundation CAREER grant, which the foundation gives to a few teacher-scholars it thinks will be the next generation of academic leaders. Zhang's award of \$500,000 over five years funds the employment of a postdoctoral fellow and two undergraduate students. They help perform the research and, with Zhang's help, learn a lot of science along the way. Zhang predicts those undergraduates will go on to complete advanced degrees and perhaps make discoveries of their own someday.

Super Sensors

When it comes to her work, Sheila Grant has been known to FRET — fluorescence resonance energy transfer, that is. She used the technique in some of the many sensing devices she worked on during her tenure at Lawrence Livermore National Laboratory near San Francisco, and now she uses it in MU's Biosensors and Biomaterials Research Laboratory in the biological engineering department. Grant's projects include developing a range of sensors for anything from spotting early signs of heart attacks to detecting an enzyme that indicates the tenderness of meat. Others could take on homeland security tasks such as detecting poison gas or agro-terror agents that could devastate crops.

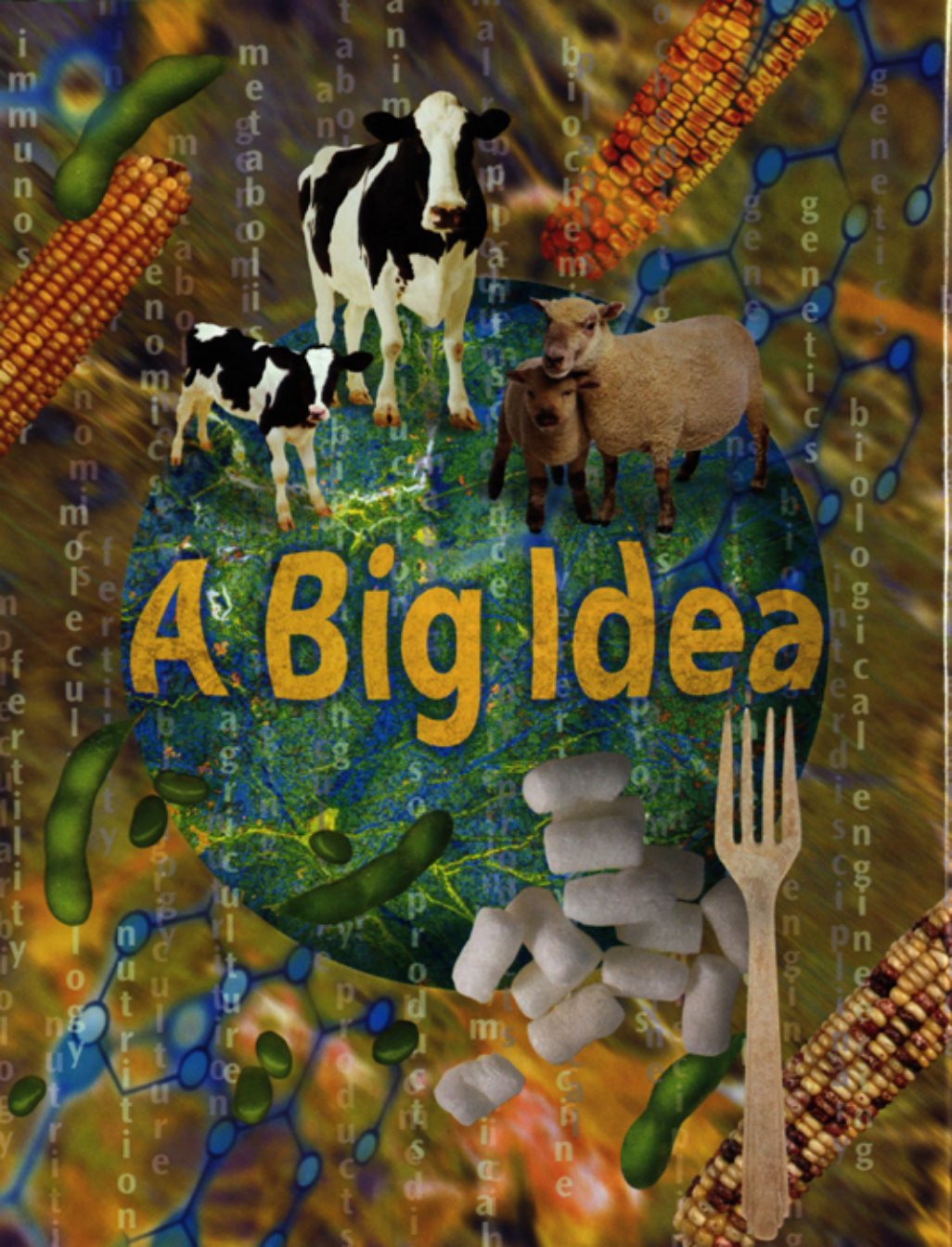
At the core of the FRET technique is a tiny glass fiber. Grant fixes a biological sensing agent to the fiber's tip, along with fluorescent dye. She chooses a sensing agent that will interact with whatever she wants to detect, say Troponin-T, an early marker of heart attacks. When Troponin-T touches the agent and interacts, the fluorescent dye reacts, as well. The dye's light travels down the glass fiber, where photo-multiplier tubes convert it into an electric signal and send it to a computer, which turns out numbers that researchers, doctors and patients can use.

Grant envisions that surgeons someday will implant such sensors near the heart, though she and her colleagues from disciplines across campus must first figure out how to make a sensor that the human body won't reject. In her various projects, she works with researchers in medicine, veterinary medicine, physiology and chemistry, as well as engineering. "Biological engineering is fundamentally a multidisciplinary area," Grant says, noting that her doctoral students will graduate with plenty of knowledge in biology, engineering and sensing devices — a marketable constellation of skills in a field that's changing extraordinarily fast. "There's no textbook for what we do," she says. ☼



Sheila Grant's research on biosensors has applications in health care and homeland security.

A Big Idea



THE FOOD FOR THE 21ST CENTURY PROGRAM HAS HELPED CHANGE THE WAY MU DOES SCIENCE.

STORY BY CHRIS BLOSE

PHOTO ILLUSTRATION BY DORY COLBERT

To an average observer, Matt Lucy's lab looks like many others, filled with test tubes, bottles of chemicals, storage units, a centrifuge and so on. But Lucy's lab holds a history that is the stuff of legends, even if the only people who know the legends are fellow scientists.

Lucy is the latest leader of the animal reproduction "cluster" within the Food for the 21st Century (F21C) program, which has recruited and supported risk-taking researchers in animal and plant sciences and other fields for the past 20 years. He took over the leadership duties and the lab from Mike Roberts, one of F21C's first hired researchers, who had led the cluster with Billy Day and then Al Garverick.

In that lab, Roberts researched pregnancy in cattle and sheep and made discoveries and observations that have been widely celebrated and that earned him a share of the Wolf Prize, considered the Nobel Prize of agriculture. In that lab, Roberts discovered interferon-tau, a protein that allows embryos to chemically signal mothers during pregnancy. That discovery may lead to ways to help cattle carry more pregnancies to term, thereby being a financial boon to the industry.

Now that the lab is Lucy's, he jokes about starting a rumor that he "discovered" the very test tube in which Roberts discovered interferon-tau. Though again appealing mostly to scientists, that joke has broader significance. Roberts has moved on to direct MU's Life Sciences

Faculty in the Food for the 21st Century (F21C) program span a spectrum of research, including plant sciences, animal reproduction, nutrition and even alternative uses of soybeans.

Center, which is in many ways a descendant of F21C. Over the past two decades, MU has changed the way it does science. F21C has helped push that change.

"One can't look at the Life Sciences Center or the growth of our sciences here without seeing the lineage of F21C," says John Gardner, current program director.

What MU Needed

In the early 1980s, the research engine at the University of Missouri-Columbia hummed along as usual, successful but somewhat status quo.

MU SCIENTISTS AND

ADMINISTRATORS WANTED

TO MAKE SURE UNIVERSITY

RESEARCHERS WERE

REVOLUTIONARIES RATHER THAN

REACTIONARIES.

Some MU scientists and administrators were wrapping their minds around something bigger. They saw a revolution coming in the life sciences, and they wanted to make sure University researchers were revolutionaries rather than reactionaries.

"What was needed was some big ideas, and F21C was one of them," Roberts says.

The roots of this big idea trace back to 1981. Taking a cue from industry, College of Agriculture Dean Max Lennon began a long-range planning process to look for ways to enhance basic research. The next dean, Roger Mitchell, took up that cause in 1983. Out of the process grew a

program that would bring together faculty from different departments, schools and colleges, including the College of Home Economics (now Human Environmental Sciences) and the College of Veterinary Medicine. Titles and fields would be disregarded to serve the bigger picture.

Mitchell faced some resistance, but many faculty members, including Billy Day in animal reproduction, Doug Randall in plant science and Bob Marshall in food science, embraced the idea that clusters of varied researchers with common goals might make more efficient use of funding. Mitchell also found champions in administration and government. The program received its first state funding of \$460,000 in fiscal year 1985.

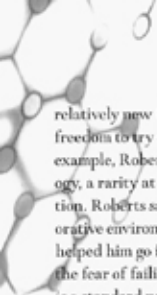
F21C funding has stayed in the \$4 million range since about 1998, with around \$4.8 million for 2005.

Leverage

The goal in 1985 was to increase support for the people already in place and complement their expertise with fresh researchers.

F21C money first provided leverage for recruitment. The program's financial structure has always appealed to new recruits. F21C provides assistants and postdoctoral students for research, plus funds for equipment and for carrying researchers from one grant to the next—an uncomfortable limbo period for many academics. Also, the cluster leaders responsible for distributing funds are scientists themselves, acting independent of any specific department oversight.

The first two F21C hires were Roberts for the animal reproduction cluster and Gary Weisman for the nutrition cluster. Both brought expertise in



relatively new fields, and both relished the freedom to try something different. For example, Roberts worked in molecular biology, a rarity at the time in animal reproduction. Roberts says the autonomy, the collaborative environment and the funding helped him go in new directions without the fear of failing. Now, molecular biology is a standard part of reproductive research.

Beyond support, though, F21C's specific focus on research appeals to scientists who want to spend as much time as possible in the lab, says Lucy, a 1993 recruit.

The appeal of such a highly focused research effort goes beyond just F21C, though, says Randall, whom President George W. Bush appointed to the National Science Board. Randall leads the hugely successful interdisciplinary plant group, which includes faculty from F21C and other programs and departments.

"F21C allowed the plant biology community to grow on this campus," Randall says. "We leveraged the funds. When people saw what was happening, when departments had opportunities to fill positions, we were able to attract people who worked in the plant field, even if they never received a dollar from F21C." In other words, F21C has helped give MU the kind of reputation early proponents imagined. It has done this in part by providing funds to hold seminars and symposiums and for travel to international meetings, all in an effort to increase the University's name recognition.

That reputation has a chicken-egg relationship with recruits who have come

in over the years. They've been attracted to prestige and in turn have added to that prestige. One name that comes to mind: Randy Prather, a 1989 F21C

recruit. Prather's work in swine genetics and other fields has garnered substantial funding (more than \$27 million in grants as a principle investigator or co-investigator) and international attention. It also has moved the possibility of animal-to-human organ transplants forward in giant leaps. Prather and other swine researchers exemplify another kind of leverage, too, in that a national reputation means more federal funds. MU research helped attract \$10 million in National Institutes of Health (NIH) funding for a National Swine Research and Resource Center.

Similarly, Randall credits F21C for boosting MU's plant genomics program, now consistently one of the top five in the country thanks to successful F21C recruits such as John Walker, a heavily funded leader in that field and related ones such as proteomics. "If we had another million dollars of F21C money," Randall says, "we'd leverage it to \$10 million in a heartbeat."

Science Without Fear

"There are no such things as applied sciences, only applications of science," Louis Pasteur once wrote. Early planners of F21C found guidance in that statement.

From the beginning, F21C has focused on basic science. Researchers are free to pursue work without always having a specific, practical endpoint in mind. As Pasteur himself knew, some of the best discoveries come by accident or when they're unexpected.

So scientists remain aware that practical applications that benefit the public can and do come out of their research.

For example, Roberts and fellow F21C researcher Jon Green developed a pregnancy test for the livestock industry out of basic research, even though they had no such product in mind when they started.

Lucy says research often ends up with applications that span across species, too. Many scientists now skew their work toward human biomedical research, where funding is stronger than for agri-

cultural research. "A lot of times, if you're funded by NIH, you have to have a biomedical endpoint," Lucy says, "but the knowledge you gain in that process can be accessed and used by livestock producers." What scientists learn about human reproduction often applies to animal reproduction and vice versa. For example, newer F21C recruit Peter Sutovsky works on male fertility evaluation in farm animals, but he plans to translate this into diagnostics of human male infertility.

The same is true in the plant group, where MU researchers have built a national reputation studying complex approaches such as genomics and proteomics to understand how genes and proteins control the way plants function. That understanding can lead to immediately practical results such as improving crop production and increasing resistance to disease and

INFORMATION THAT SEEMS SMALL

AND SPECIFIC NOW MAY HAVE

BROAD APPLICATIONS AND

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drought. For example, Karen Cone studies the way corn DNA is "packaged"; her results are useful to plant breeders looking for ways to produce plants with better field performance and to the farmers who grow those crops.

But the applications of plant research go beyond plants. John Walker researches the mechanisms that control cell function in plants, but his work illuminates processes common to all living things. The same is true of Cone's work and that of others.

Information that seems small and specific now may have broad applications and implications in the future. That's why these researchers take risks, and that's why F21C supports those risks. Both Roberts and Weisman say the program kept them afloat when they were trying new things. Weisman, for



example, studies a "receptor" that appears in people with cardiovascular disease, Alzheimer's and many other diseases that involve inflammation. Early in his work, many doubted the very presence of such a receptor, but it now has become important in disease research. "I was working in an area that took a while to get established at the national level, and without funding from F21C, I might not have a program," he says.

Far Beyond Food

Now, several years into the actual 21st century, the "Food" in F21C doesn't seem quite adequate. The program has expanded to include much more, from biomedical research to unexpected uses for soybeans, Missouri's top cash crop.

As the program has grown, for the most part, the risks have paid off, though there have been some missteps. An early infectious diseases cluster folded, and the nutrition cluster (which actually became a department within the College of Human Environmental Sciences) has lost much of its leadership to another university.

Other clusters have evolved. The interdisciplinary plant group has embraced emerging scientific fields, but the group was already diverse and sprawling at its inception. The animal reproduction group has maintained its mission, though researchers have branched off into biomedical work. New hires such as Sutoovsky focus on the male side of reproduction to complement the cluster's traditional strength on the female side.

The alternative feeds and food sources cluster may have changed the mood by becoming the Bioprocessing and Biosensing Center (BBC) and taking on practical-minded research. Leaders Fu-hung Hsieh and Jinglu Tan have followed industry and field developments and adjusted the cluster to match their own strengths and those of younger researchers, including Sheila Grant (see story on Page 34). The BBC works on

everything from Hsieh's soy products — for insulation, packing peanuts, meat alternatives and golf tees, you name it — to Grant's biosensors for monitoring health and food safety and Tan's bioimaging techniques for examining biological tissues. But the BBC extends beyond just Hsieh, Tan and Grant, the three researchers funded by F21C. It also includes Mark Haidekker, who works on techniques to better monitor engineered tissues for medical purposes, and Galen Suppes, who works on alternative fuel sources and an alternative to mainstream hybrid-car efforts.

F21C has helped add the word *interdisciplinary* to the University lexicon. It has created a model of research for new programs to duplicate and expand upon. For example, Roberts takes the interdisciplinary model even further at the Life Sciences Center with teams of engineers, biologists, geneticists and so on.

It also has attracted star scientists who contribute heavily to MU's growing research funding. Funding for the Agriculture Experiment Station has nearly tripled to about \$60 million since the early 1980s. In 2004, plant genomics researchers — including some faculty members involved in F21C — brought in \$15 million from the National Science Foundation (NSF), the most in the country for that field. And the University led the state in overall NSF funding from 2000–04.

Those figures cover multiple academic units and programs, of course, but they include F21C researchers and those with whom they work. In the blunt language of the business cliché: "You have to spend money to make money."

The program has helped earn national visibility and establish the belief that MU can perform scientific research on a grand scale. William Pfander, then associate dean of agriculture, wrote something in a planning outline in early 1983 that sums up F21C's ambition and, in retrospect, part of its achievement. He asked a question of the University, "What do we give up?"

One of his answers: "Mediocrity." ❁

The Multiplier Effect in Action

Money leads to more money. That's one simple premise behind the economic principle known as the multiplier effect. It means that investing money in MU leads to more money for the University, the region and the state.

"Multipliers quantify how such activities as R&D [research and development] spending and employment ripple through other sectors in the state's economy," says Nick Kalaitzandonakes, an agricultural economics professor.

Research investment leads to different kinds of economic effects:

- **Direct effects:** These include an increased number of jobs, construction and equipment purchases, among other things.

- **Indirect effects:** These include spending beyond direct effects. For example, after the direct effect of equipment purchases, third parties benefit from supplying the raw materials or manufacturing for that equipment.

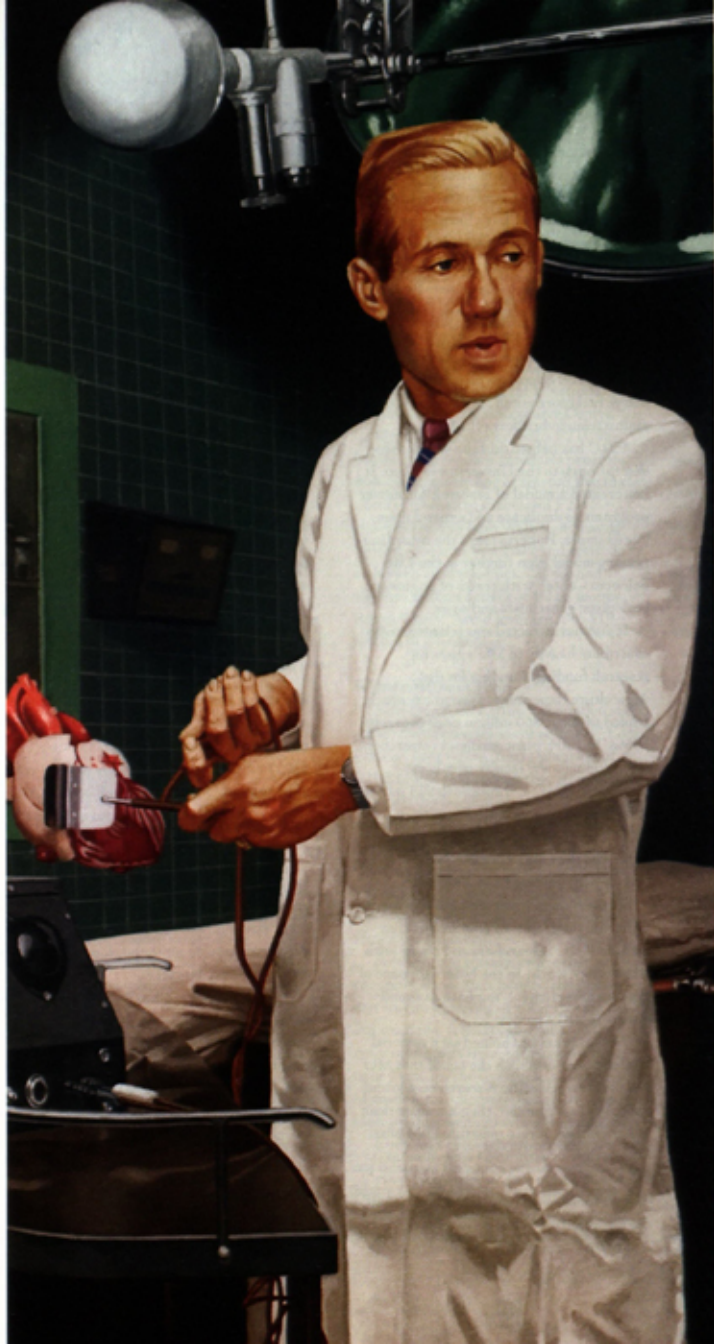
- **Induced effects:** An example is increased spending by the people who have more money because of direct and indirect effects.

Considering these factors, Kalaitzandonakes and fellow Professor Tom Johnson have come up with a generic multiplier of 1.93 for higher education in Missouri. That means that MU's \$200 million of research activity in fiscal year 2004 supported about \$186 million of additional economic activity in Missouri, for a total of \$386 million.

The professors are working on multipliers for MU and its programs. The caveat on the generic 1.93 multiplier is that it needs adjustment based on the specifics of each program. But it can provide an initial, rough estimate of their economic impact.

For example, F21C has received an average of \$4.6 million in annual state funding (money internally earmarked by MU) for the past five years. The 1.93 multiplier shows the program supporting roughly an additional \$4.28 million for a total of \$8.88 million of economic activity in the state each year.

F21C also has less quantifiable effects, such as training and teaching students in classes and labs. And discoveries made through research offer benefits for agriculture, health, business and more.



The

FOR MORE THAN
HALF A CENTURY,
**DR. HUGH E.
STEPHENSON JR.**
HAS BEEN ON CALL
FOR THE UNIVERSITY
AS A STUDENT,
SURGEON, PROFESSOR
AND CURATOR.

STORY
BY
JOHN BEAHLER

ILLUSTRATION
BY
ROBERT GUNN

Doctor Is In

He might look for all the world like Norman Rockwell's most revered medical icon — the country doctor, sitting behind a desk in his cluttered office, listening patiently and sympathetically as patients catalog their ailments. Don't be fooled. Dr. Hugh E. Stephenson Jr. is anything but a quaint anachronism.

During a career that spanned six decades at Mizzou, Stephenson, BA, BS Med '43, was an innovator in the operating room and a crusader for medical education in Missouri. In 1958, with the technology still in its infancy, he performed some of the state's first open-heart surgeries. As a surgery resident at New York's Bellevue Hospital in 1950, he invented the cardiac "crash cart" that included an electric defibrillator to shock a patient's heart back to life, and he pioneered other treatment techniques to save the lives of heart attack victims in the critical first minutes after an attack.

When Mizzou opened the doors of its four-year medical school in the 1950s, Stephenson was one of the founding faculty members. Over the years, he's trained thousands of physicians, and he helped steer University Hospital as it grew into a top-flight academic medical center.

Stephenson officially retired in 1994. He's now the Growdon Distinguished Professor of Surgery Emeritus, and Mizzou's surgery department has been named in his honor. At age 83 as of June 1, you can find him most days in his office adjoining the dean's suite in the School of Medicine. Stephenson is still going strong at a time when some of his first medical students are hanging up their stethoscopes.

Mizzou's current crop of med students might not realize it, but without

Stephenson's efforts they might well be attending school somewhere else. He was the point man in a sometimes raucous battle over whether to establish the four-year medical school in Columbia or in a metropolitan area. As a young medical resident in New York City more than a half-century ago, he poured pocketfuls of change into Bellevue Hospital's pay phones, burning up the phone lines back to Missouri to lobby for state appropriations to build the school in Columbia.

The decision seems like a no-brainer today, but it kindled a fierce debate in the early 1950s. Some opponents thought the med school should be located in Kansas City. Others argued that the state couldn't possibly afford to build a first-rate medical program in Columbia. Still others scoffed that a medical school outside the state's urban areas wouldn't generate the volume and variety of patients needed to train new doctors.

Stephenson made the long train ride home from New York to help rally the troops whenever he could. He testified at legislative hearings, met with individual lawmakers and patiently promoted the plan to editorial writers. Because MU is 100 miles from the state's major metro areas, a medical school at Mizzou would help meet a critical shortage of doctors in rural Missouri, he argued. It would give rural Missourians access to advanced medical care that was available only in metropolitan areas. The new school's researchers would help create cures for the diseases that afflicted Missourians.

After a protracted battle, Gov. Forrest Smith signed a bill on May 29, 1952, that appropriated \$6 million for the four-year medical school. Construction was under way before long at the south edge of

MU on what was then the campus golf course. The School of Medicine formally launched its four-year program in 1955.

From his vantage point more than 50 years later, Stephenson says Mizzou's School of Medicine has more than met its goal of bringing the latest health care to rural Missouri. "I definitely think that's one of the school's great accomplishments," he says. MU Health Care hospitals admitted 17,380 patients in 2004, and Mizzou doctors handled 460,000 clinic visits and 35,000 emergency center visits. Those patients came from every county in Missouri and traveled from other states and foreign countries for treatment. Satellite specialty clinics and advances in telemedicine, Stephenson adds, have broadened the school's impact.

"The School of Medicine is one of the greatest gems the people of Missouri have. Its contributions have benefited the entire state," Stephenson says. "Students come from small towns, the villages, the hamlets, the cities to study medicine here. They realize they're just as good as anybody else, and they go out and amount to something."

Plenty of his former students did just that. Many are leaders in the medical profession, and Stephenson follows their careers with a special pleasure. The affection is mutual; at alumni gatherings, former students line up to shake hands and have a photo taken with their favorite professor.

"You should see the number of students who remember him and love him and send letters," says his wife, Sally. "Hugh has always cared about his students personally, and I think they can tell that. He always remembers their names. He's probably written thousands of letters of recommendation."

The Stephensons continue to have a

lasting impact on medical training at Mizzou. Last October, they established a \$2 million endowed deanship at the school. Stephenson says the gift is a vote of confidence for William Crist, MD '69, the current dean of medicine. Over the past five years, Crist has raised more than \$45 million in gifts and has recruited nationally known chairs for 16 of the school's 20 departments.

"He is determined to bring this medical school into the upper echelon of all schools in the country," Stephenson says. "We've been so impressed with his vision for the school, and we want him to have the tools he needs." Funds from the endowment will give Crist more resources to support teaching, research and faculty recruitment.

"We wanted to do whatever we could to increase enthusiasm for the School of Medicine," Stephenson says. "We are confident others will join in support."

No one could be more enthusiastic about the medical school than Stephenson. There were other prestigious job offers when he finished his residency at Bellevue, but he wanted to return to his hometown. "The opportunity to be part of a new medical school was something I had looked forward to," he says.

Sally Stephenson, a Washington, D.C., native, was working at Stephens College in Columbia when she met Hugh at a dinner party. She remembers some nights before they were married when Hugh would finish a grueling day in the surgery suite and then insist on stopping by his office to work on other projects before they went out to dinner. "She's saying I neglected her," he jokes. "It took me seven years to sweep her off her feet." The couple married in 1964, and they have a son and a daughter.

Born and raised in Columbia, Stephenson has had plenty of opportunities to track the medical school's progress. He grew up on Wilson Avenue, two blocks from MU in the heart of the East Campus neighborhood. He

recalls excursions to nearby Hinkson Creek with boyhood pals and a pack of neighborhood dogs. Later, one of his hometown chums was Wal-Mart founder and Columbia native Sam Walton, BS BA '40, who became a lifelong friend.

Stephenson's father was a dentist who practiced for 55 years in a fifth-floor office in the Guitar Building, across from the Boone County Courthouse. Stephenson remembers walking by his dad's office every day on the way home from junior high school.

"I would look up and see him working on a patient. I thought some about becoming a dentist, but I decided it would be too much standing on my feet," he says. "Of course, I probably stood on my feet at the operating tables twice as long as my dad did."

His father influenced Stephenson's politics as well. The two were what

was then an endangered species in Boone County: Republicans in a political landscape dominated by yellow-dog Democrats. "They didn't even have a Republican primary in Columbia in those days," he says. As an elementary school student, he carried campaign signs for Herbert Hoover. He even hitchhiked to Philadelphia to attend the 1940 Republican convention, then made a side trip to the New York World's Fair. "Hitchhiking was a respectable business back then," he says. "The whole trip, for three weeks, cost \$48."

His political predilection spawned another longtime passion, his collection of elephant figurines that fills his office shelves. And, like that Republican mascot, Stephenson never forgets who gave him each elephant and the story behind it.

As a Columbia native, he also grew up rooting for the home-team Tigers.

Key Dates in Hugh Stephenson's Career

- 1943 Hugh E. Stephenson Jr. graduates from MU's two-year medical school.
- 1950 As an intern, Stephenson develops the cardiac "crash cart."
- 1955 MU launches a four-year medical program after more than 40 years of a two-year curriculum.
- 1956 MU dedicates a new medical center. Stephenson becomes associate professor of surgery, chair of surgery and chief of general surgery.
- 1958 Stephenson performs MU's first open-heart surgery.
- 1962 to 1999 Stephenson represents Missouri in the American Medical Association House of Delegates. He is chair of the Missouri delegation from 1990 to 1993.
- 1969 MU begins groundbreaking studies for an automatic implantable defibrillator developed by John Schuder. MU was one of the first three medical centers to implant the defibrillator during clinical trials in 1982, and Stephenson performed some of the surgical implants.
- 1974 Stephenson publishes *Immediate Care of the Acutely Ill and Injured*.
- 1978 Stephenson publishes *Pero cardiaco y su tratamiento*.
- 1981 Stephenson publishes *The Kicks That Count*.
- 1982 to 1994 Stephenson serves as the first elected chief of staff at University Hospital.
- 1988 to 1989 Stephenson serves as interim dean of the School of Medicine.
- 1994 to 1995 Stephenson leads the AMA's Council on Medical Education.
- 1995 to 1996 Stephenson co-chairs the AMA Liaison Committee on Medical Education.
- 1996 Stephenson is named to the University of Missouri System Board of Curators and serves as president in 2000.
- 1998 Stephenson publishes *Aesculapius Was a Mizzou Tiger: An Illustrated History of Medicine at Ol' Mizzou*.
- 2001 Stephenson publishes *America's First Nobel Prize in Medicine or Physiology: The Story of Guthrie and Carrel*.
- 2003 MU's Department of Surgery is named after Stephenson.
- 2004 Stephenson and his wife, Sally, establish a \$2 million deanship in medicine at MU.

Stephenson wasn't just an avid football fan; he was a pigskin scholar, focusing in particular on the fine art of drop kicking. While he was a Mizzou undergraduate, Stephenson perfected a drop kicking technique that got the ball airborne so quickly it was practically unblockable.

Coach Don Faurot gave him a tryout, but a leg injury kept Stephenson out of the Tiger lineup. During his busy surgical career, this student of football did post-graduate work in drop kicking.

Using his physician's training in anatomy and physics, Stephenson designed a special shoe for drop kickers. University Hospital is just across the street from Memorial Stadium, and he often showed up at the stadium to practice kicking in his off-hours. He even set up regulation goal posts in his front yard so he and his son, Ted, could stay at the top of their form. In 1981, Stephenson

wrote and published *The Kicks That Count*, a definitive text on drop kicking.

Stephenson's office is full of memorabilia from his long career. One prized memento is an autographed photo of President Ronald Reagan. He was a friend of Reagan's personal doctor. Knowing Reagan's interest in football, the doctor presented him a copy of Stephenson's kicking book.

Not long after that, Stephenson received a phone call. A voice on the other end of the line asked him to hold for the president. "I thought, 'The president of what?'" he says. "President of the University? President of the PTA?" It turned out to be the president of the United States calling to talk about drop kicking. Stephenson was so flustered that he cut the phone call short. "I said, 'It's been great talking to you, Mr. President,' and I hung up."

He made amends during a later trip to California, when he called Reagan's home and asked to take him to lunch. "They called back and said, 'He'd love for you to come out and visit with him,'" Stephenson says. The two talked about the fine art of drop kicking and about George "The Gipper" Gipp, the legendary Notre Dame player that Reagan portrayed in the 1940 film *Knute Rockne All American*.

No matter how hectic the day, his students and patients never had to worry about getting a busy signal from Stephenson. He always prided himself on being "a bedside doctor" — at his best gently nudging out the most important information from a patient.

Unfortunately, those patient-doctor rituals have changed as the pace of medical practice accelerates in the era of HMOs, he says. "I think a lot of the bedside activities now are less focused on the patient. A physician doesn't have near enough time to interact with patients, to get to know them."

A fear of lawsuits and the tight rein insurance companies hold on doctors also changed the patient-care equation, he says. "That's been, I think, a big

negative. A lot of doctors retire early because of the experience."

Stephenson remembers his own tutelage as a student in MU's two-year medical program working under med school legends such as Pinson "Pappy" Neal, a crusty but respected professor who taught pathology at Mizzou for nearly 50 years. "He was a tough teacher, but he was fair," Stephenson says. "He understood how students functioned."

How does he characterize his own teaching style? "I was kind and gentle," Stephenson says with a chuckle. "I always thought if you could make someone feel even greater than they are, they will rise to that occasion. You don't educate students by beating them down; that doesn't accomplish anything."

"Students come in early with a gleam in their eyes," he says, but sometimes the drudgery and memorization involved in traditional medical curricula eliminate some of that gleam. He points to some recent successes at MU in restoring the shine. For instance, in the mid-1990s, the School of Medicine launched a problem-based learning curriculum in which small groups of students study actual medical cases instead of concentrating on classroom lectures. Mizzou student scores on national medical tests have soared.

His beloved University Hospital is turning the corner financially after several years of red ink and gloom-and-doom prognoses for its long-term health. MU has plans on the drawing board for an expansion of its medical research capability with a new Health Sciences Research and Education Center. MU Health Care is making steady progress on its goal to be designated as a comprehensive cancer center. Stephenson, as usual, sees plenty of reasons for optimism.

"We've had our ups and downs and our good days and bad days," he says. "But honest to goodness, I've never had a single day I didn't look forward to coming to work. It might be the day we discover a cure for cancer." ●



Dr. Hugh Stephenson, above right, invented the cardiac "crash cart" as an intern at Bellevue Hospital in 1950. Stephenson and his wife, Sally, below, continue to influence medical education with their gift of a \$2 million endowed deanship at MU's School of Medicine in 2004.



A YEAR OF CHANGE



Doug Crews

THIS PAST YEAR at Mizzou was a year of highs — and a few mediums. It has been a springboard to an optimistic future as well as a year of change.

With Todd Coleman's departure after 10 great years as executive director, Todd McCubbin emerged as a leader who will build on the association's successes and propel us into the future.

The association created a new awards program to highlight 39 top seniors who have demonstrated their commitment to serving MU, and this inaugural class of Mizzou '39 was fantastic. Our premiere event, Homecoming, was a success with CNN's Chuck Roberts as grand marshal. The Faculty-Alumni Awards banquet was memorable. The Alumni Association Student Board and the True Tigers program roared with vigor. MIZZOU magazine continued as our quality publication, keeping alumni in touch with campus happenings. I salute our skilled, professional staff members who make great things happen.

The association's recently approved

long-range plan updates the 1999 plan to include stronger marketing and a reorganized effort to promote Mizzou's legislative causes.

This spring, Southwest Missouri State University's name change brought out the passion of alumni, students, faculty, staff, administrators, lawmakers and our governor. The association must play the important role of constantly reminding Missouri citizens and legislators of Mizzou's status as the state's flagship campus. The great teaching, research and service that happen on the Mizzou campus are unmatched anywhere else in Missouri.

As an alumni association and a university, let's work to find solutions to make higher education in Missouri the best it can be and the best value, and let's always remember to do what's best for Mizzou's students today and in the future.

Thanks for allowing me to serve as president of the MU Alumni Association. Now it's time for one more change: making way for Jay Dade, 2005-06 president. Best wishes for an exciting year, Jay.

Go Tigers!

Doug Crews, BJ '73
President, MU Alumni Association

service, the cost would be several hundred dollars, and the results might also be suspect since résumé writers in many instances are wordsmiths and do not have human resources backgrounds with knowledge about the job market."

Burton covered networking and interviewing skills; the Houston job market, which is on the upswing along with oil and gas prices; how to design a résumé with keywords that new recruiting software will pick up; and how to work with search firms and agencies.

Burton also agreed to work with participants by e-mail after the presentation as they refine their résumés. "One of the major intended benefits of the program was to get participants an updated, quality résumé that is Internet-compatible and appropriate for the market today," Burton says. Within a month, almost all of the attendees had followed up to get Burton's advice on their new and improved job-searching tools.

NEW AWARDS HIGHLIGHT SERVICE

COMPETITION WAS MORE THAN STIFF to be among the inaugural class of Mizzou '39, the MU Alumni Association's newest award program. The honor recognizes 39 outstanding seniors who are not only top scholars and leaders among their peers, but who also are dedicated to community service. MU was founded in 1839, and the award is a reminder of the spirit of service exemplified by the University's founders, says Carin Huffman, the association's coordinator of student programs and athletic events.

Among the recipients is Karli Echterling, whose résumé reads like an entry in *Who's Who*. The St. Joseph, Mo., native majoring in biology carries a 3.95 GPA and will attend medical school at MU in the fall. She belongs to MU's Mortar Board and Mystical 7 honorary societies, has taken leadership roles in

WANTED: WORK FOR PAY

RECENT RESEARCH BY THE MU Alumni Association revealed that young alumni want help from other graduates as they launch their careers. Larry Burton, BA '66, a human resources vice president with Dawson Consulting Group, and Ed Wilsman, BS BA '67, a human resources consultant, were on hand in Houston to do just that. On April 9, the pair held a

workshop for six local alumni looking to improve their job-searching skills. Both Burton and Wilsman are members of the Bayou City Tigers Chapter, which sponsored the event.

At \$20 for members and \$35 for non-members, the workshop was a steal. "The Dawson Consulting Group offers training like this that can cost thousands of dollars," Burton says. "By contrast, if someone were to go instead to a résumé

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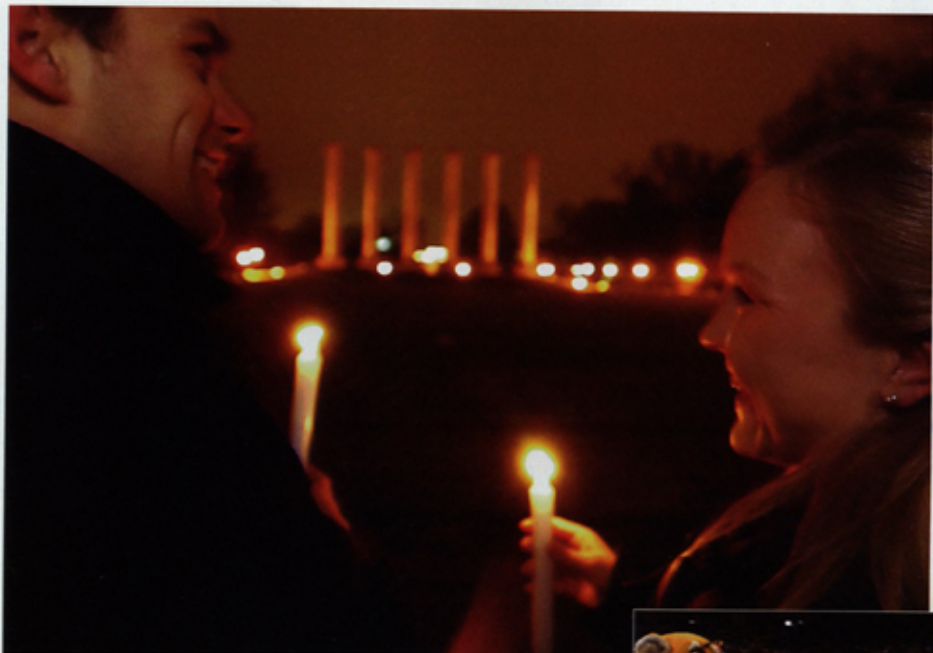


Photo credit: Mizzou/Alissa Pearson for Life+Career

campus activities and has won awards for that work. As if that weren't enough, in 2002 she won a Congressional Award Gold Medal, the highest honor that Congress bestows on young people. To enter the running for the medal, applicants must complete a minimum of 400 hours of voluntary public service, 200 hours of personal development activities, 200 hours of physical fitness, and four consecutive days and nights of an exploration or expedition.

The application for the Mizzou '39 award added another layer of service by asking students to write about someone on campus who had served them as a mentor. In her application essay, Echterling wrote about Anne-Marie Foley, who directs MU's Office of Service

Learning: "Through her leadership and mentoring, I was able to take my knowledge and ideas outside of the classroom and into the community where they could more clearly reflect the values of MU."

A GENTLE BIT OF DIVERSITY

IN A NEW PROGRAM THAT HIGHLIGHTS the MU Alumni Association's commitment to diversity, K-12 students in Columbia and elsewhere in Boone County participated in the Black History Month Essay Contest and Poster Event. The association joined with the Association of Black Graduate and Professional Students and other groups to sponsor the program, in which students created essays and posters about notable



Rob Edwards and Karli Echterling, top, were among the inaugural class of Mizzou '39, a new awards program that honors 39 seniors who are top students and leaders with a strong ethic of service to MU and their communities. The MU Alumni Association recognized the first class of '39ers at a ceremony on Francis Quadrangle and at a basketball game against Baylor University.

ASSOCIATION NEWS

minority and female MU graduates and residents of Boone County.

"We wanted students to realize that they are surrounded by hometown heroes every day," says Robin Mabry Hubbard, BS PA '79, EdSp '03, a doctoral student in rural sociology who spearheaded the projects. "We also wanted to send the message that, for graduate students, Columbia is our home. We buy houses here, send our kids to school here. This project provides a better connection between our home and life at MU."

All K-12 students in Boone County were eligible to enter, and Hubbard says she received nearly 200 entries that pictured or mentioned numerous local heroes. A local Girl Scout troop wrote about one such person, Tom Bass. Born to a slave in 1850 on a Columbia plantation, Bass went on to become a world-renowned horse trainer, and he invented a bit that was gentler on horses' mouths than those commonly used at the time.

PARTIES WITH A POINT

ON THE EVENING OF APRIL 22, more than 700 of the Mizzou faithful in St. Louis and Kansas City got all gussied up for an evening of revelry in support of scholarships at their alma mater. Partygoers in each city helped the cause of scholarships first by purchasing tickets to the event beforehand and then by bidding for merchandise in live and silent auctions that night. They also enjoyed the festivities with live bands, dancing and good food.

"This started as an opportunity for the Tiger clubs and alumni chapters in each city to do one big fund-raising event together, and it has really been a great way to leverage the power of both groups," says Todd McCubbin, executive director of the MU Alumni Association.

The events raised more than \$60,000, with half going to the Tiger Scholarship Fund for student athletes and half to the



chapters' scholarship accounts for distribution to students.

The events helped solidify the association's relations with corporations. "Both Kansas City and St. Louis had corporate sponsors and underwriters," McCubbin says. "The Mizzou network is strong in the business community."

McCubbin calls the events "high-end

affairs," and, accordingly, celebrities were yet another attraction. Cartoonist Mort Walker, BA '48, of *Beetle Bailey* fame, MU basketball Coach Quin Snyder and newscaster Larry Moore, BA '67, MA '68, appeared in Kansas City. The St. Louis event featured ESPN sports anchors John Anderson, BJ '87, and Matt Winer, BJ '91.

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MEMBERSHIP MATTERS

RECENT GRADUATES GET LOWER RATES

FOR UP TO THREE YEARS FROM THEIR graduation date, alumni can save 25 percent on the cost of annual membership in the association. Taking advantage of the reduced rate of \$30 for individual membership (\$45 for dual) is a great way to stay in touch with friends and news from Mizzou. Look for the Recent Grad option on the online application form on www.mizzou.com.

IT'S A MIZZOU MATCH

MARRIED TO ANOTHER MU GRADUATE? Couples who are both MU alumni and current MU Alumni Association members may sign up for the free Mizzou Match service. Program members receive anniversary and Valentine's Day e-cards as well as discounts and other extras to celebrate your mate. More: www.mizzou.com.

PERKS FOR NEW AND RETURNING MEMBERS

THE ASSOCIATION now automatically enrolls new and returning members in Two For U, a two-year program of special services and promotions. Members will receive a series of informational mailers about the associa-

tion's benefits and services, as well as small perks throughout the program. More: www.mizzou.com.

CAMPUS PHOTO CONTEST DEADLINE NEARS

WANTED: BEAUTIFUL PHOTOS OF CAMPUS — all types, all seasons. To have judges consider your photos for the association's next member calendar, submit your entries by June 30. More: www.mizzou.com.

PACK IT UP

ABC MOVING & STORAGE COMPANY-Atlas Van Lines can take you where you need to go. The St. Louis-based company offers up to 60 percent off interstate household moves with free replacement cost valuation. Call (636) 532-1300 or 1-800-325-1306 and ask for your association discount.

TAKE IT WHEN TRAVELING

MAKING PLANS to travel this summer?

Membership in the association gives you access to most discounts at major rental car companies, Missouri theme parks including Six Flags and Worlds of Fun, and many hotels and restaurants. More: www.mizzou.com or 1-800-372-6822.



PHOTO BY TOM PARKER

in Kansas City and St. Louis, April 22 was filled with dancing, celebrities and friends as MU Alumni Association members gathered at special events and raised more than \$60,000 for scholarships. On the dance floor in Kansas City, top, revelers show their moves. Elsewhere at the event, above left, MU basketball Coach Quin Snyder goes on camera with newscaster Larry Moore, BA '67, MA '68. In St. Louis, above, Sarah Bolhafner, BS BA '04, Mike Pincus, BS BA '04, and Kristin Estes, BS BA '04, enjoy the evening.

DON'T PLAY TAPS FOR THE REVELLE SEVEN

CARL CORBIN'S 15 MINUTES OF fame arrived before he even graduated college. "Seven of us seniors at Louisiana State University were booted out in a censorship controversy involving Huey Long," says Corbin, BJ '36.

The style of his succinct summary hints at Corbin's career in journalism, which included top editing positions at *The States-Item* of New Orleans. But his involvement with U.S. Sen.

"Kingfish" Long just as easily could have pre-empted Corbin's journalistic ambitions.

It all started with one of Long's publicity stunts. In the fall of 1934, he arranged for LSU students to hold a mock election that would place the school's star quarterback, Abe Mickal, in a vacant seat in the state senate. Long planned this presumably to humiliate an opponent who had recently vacated the seat for a spot in the U.S. House of Representatives. But, according to a 1980 account of the affair in *New Orleans* magazine, the whole thing backfired.

Instead of writing up the "election" as a joke, news media covered the event as though Long were actually going to install a college student as a state senator. At the time, Corbin worked on staff at the *Reveille*, LSU's student newspaper. He became directly involved when an LSU agriculture student wrote a letter to the paper criticizing Long for staging a stunt that made a mockery of democracy.

By coincidence, Long saw the letter on



Carl Corbin left Louisiana State University and enrolled at MU in 1935 after a run-in with U.S. Sen. Huey Long, who wanted to censor the LSU student newspaper where Corbin worked.

the day before it was to be published and reportedly said, "That's my university, and I'm not going to stand for any criticism from anybody out there." Long then leaned on university administrators, a move that unleashed a chain of events resulting in the dismissal of seven LSU students — all *Reveille* staff and supporters — who became known as the *Reveille* Seven.

The angry Seven fed their story to a local Associated Press reporter. Soon they were in the national spotlight. "Somebody interviewed the dean of journalism at MU [Frank Martin], and he said we would be welcome there," Corbin says. "So a group of New Orleans businesspeople made up a

loan fund so we could borrow money, and we enrolled at the University of Missouri in January of 1935."

Corbin remembers the warm welcome that MU students gave the *Reveille* Seven. "We were also invited to talk to the president of the University. He wanted to make sure we weren't a bunch of rabble-rousers coming to make trouble." Corbin's dismissal from LSU turned out to be a stroke of luck for this aspiring journalist. "LSU's journalism program was strictly for amateurs at that time. Missouri was much more professional, much more sincere," he says. Six of the *Reveille* Seven eventually graduated, but Corbin was the only one to make a career of journalism.

In 1958, the 50th anniversary of the J-School, Corbin returned to MU to receive a Missouri Honor Medal for Distinguished Service in Journalism. That was also the founding year of the school's Freedom of Information Center, and Corbin presented the center with a large table on behalf of the *Reveille* Seven that remains as the centerpiece of the office. Corbin, still a resident of New Orleans, retired from journalism in 1965 and worked for a time in government positions that promoted the city of New Orleans. Two other members of the Seven, Sam Montague, BJ '36, of Overland Park, Kan., and Stanley Shlosman, BJ '36, of New Orleans, also are still alive.

— Dale Smith

To receive a copy of the detailed account of the Reveille Seven affair, e-mail smithdal@missouri.edu.

THE FORTIES

- **Vernon Kuellmer**, BS EE '44, and wife Mae of Boise, Idaho, celebrated their 60th wedding anniversary March 3. He retired as vice president of Memorex Corp.
- **Hank McQuade**, Journ '49, of Chamblee, Ga., wrote *The Ballyburden Rapes*, published by PublishAmerica.

THE FIFTIES

- **John Kadlec**, BS Ed '51, M Ed '52, of Columbia was a 2005 inductee into the Missouri Sports Hall of Fame.
- **Wynne Casteel Jr.**, Law '54, and wife **Sandra Smith Casteel**, BS HE '54, of Fort Lauderdale, Fla., celebrated their 50th wedding anniversary July 31.
- **Gary Filbert**, BS Ed '55, of Columbia

was a 2005 inductee into the Missouri Sports Hall of Fame.

- **Marilyn Houghton Kayton**, BS Ed '57, M Ed '63, of Mission, Texas, received first place in the poetry category of Valley ByLiners' 2004 Excellence in Writing Contest for "Family Fables."
- **Bob Reames**, BA '58, and wife **C. June Diekroeger Reames**, BA '58, of



DEAR COACH,

VACATION HAS BEEN GREAT SO FAR.
THREW MY PUTTER IN THE LAKE ON HOLE 13,
BUT CAME BACK TO FINISH 3 OVER PAR.

GOT THE KINKS OUT AT SPA SHIKI WITH
A MASSAGE AND PEDICURE.

SLEEPING LIKE A BABY TIGER AT
NIGHT AND MAKING A SPLASH IN THE
WATER EVERY DAY.

THE LODGE OF FOUR SEASONS IS
DEFINITELY WORTH THE ROAR.

WISH YOU WERE HERE!

TRUMAN



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ANOTHER FOUR SEASONS EXPERIENCE

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CLASS NOTES

TUG OF CONSCIENCE

LUCKILY FOR JUNE WUEST BECHT, the tradition of tossing women off a mountain if they dared to watch the Olympics had long since disappeared before she started attending the games and studying their history in the 1970s. And luckily for Mizzou, Becht, BS Ed '51, recently uncovered a link between the University and the very first Olympic Games held in the United States. They took place in conjunction with the 1904 World's Fair in St. Louis. The link: Clark Hetherington, who at the turn of the 20th century was an MU professor of physical culture, director of the gymnasium and director of intercollegiate athletics.

Hetherington's role at the games was to lead officiating of the tug of war, which at the time was a standard part of track and field competition. After 1920, it went the way of woman-tossing as an Olympic event. Becht says Hetherington had a national reputation as a strong and ethical sports administrator. Not only



For her achievements as a historian of the Olympic Games, June Wuest Becht carried the Olympic torch in her hometown, St. Louis. For her athletic achievements at MU in 1951 (she played numerous varsity and intramural sports), MU awarded her a black and gold flannel blanket with her name embroidered in gold thread.

did he take a hard line on student athletes whose grades fell short, but he also worked against professionalism in college

athletics, says Becht, who has taught physical education at the high school and college levels in St. Louis. As athletic director, Hetherington went so far as to blacklist schools that failed to clear out the professionals, as he had done at MU. "He wanted sports to be organized with opportunities for many — not just varsity athletes — to produce a healthier body and a broader social discipline," Becht says.

As for Hetherington's part at the St. Louis games, the six teams he oversaw hailed from Greece, South Africa, New York, Milwaukee and St. Louis, which had two entries. Back then, there were no national teams as we know them today. The St. Louis squads, which were from the Southwestern Turnverein, a club based on a German fitness movement, took the silver and bronze medals. Although Milwaukee won the day, officials later discovered that it was actually a team of ringers — possibly professionals — from Chicago.

— Dale Smith

Portland, Ore., celebrated their 45th wedding anniversary Aug. 30. Bob filed for a patent for Santa's Sleeves, a storage system for strings of lights.

THE SIXTIES

- **Bob Russell**, JD '63, of Warrensburg, Mo., received the 2005 Distinguished Service Award from Central Missouri State University.
- **R.H. "Moe" Mothesky**, BS Ag '64, of Rocky Mount, N.C., has been named to the Pork Industry Hall of Fame by the National Pork Producers Council.
- **John Horejsi**, MS '66, of Vienna, Va., received the Advocate of Affordable Housing Award from the board of directors of Catholics for Housing.
- **Gus Otto**, BS Ed '66, M Ed '71, of Ballwin, Mo., was a 2005 inductee into the Missouri Sports Hall of Fame.
- **Pat Taylor Secrest**, BS Ed '67, of

Manchester, Mo., is director of workers' compensation in the Missouri Department of Labor and Industrial Relations.

- **Bill Tammeus**, BJ '67, of Kansas City, Mo., received the 2005 Willbur Award for newspaper column writing from the Religion Communicators Council for his work at *The Kansas City Star*.
- **Kenneth Baughman**, BA '68, MD '72, of Waban, Mass., is associate editor of *The New England Journal of Medicine*.

THE SEVENTIES

- **Diane Barnes Hall**, BA '70, MA '71, of Topeka, Kan., was named the 2004 Outstanding VA Health Care Employee of the Year by the Veterans of Foreign Wars.
- **Gerald Koocher**, MA '70, PhD '72, of Chestnut Hill, Mass., is 2006 president of the American Psychological Association.
- **Howard Marshall**, BA '70, of Fulton, Mo., received the 2004 Book of the Year

Award and the 2005 Overby Award from the Missouri Alliance for Historic Preservation for *Barns of Missouri: Storehouses of History*, published by Donning Publishers. Marshall is an MU professor emeritus of art history and archaeology.

- **Bill Newham**, BS Ag '71, M Ed '78, of Leawood, Kan., is senior vice president of Vance Publishing Corp.'s food and agriculture business publications. Newham is a member of the MU Alumni Association governing board.
- **Eric Bernsee**, BJ '72, of Greencastle, Ind., is community relations/public relations director for Dixie Chopper Inc.
- **F. Leigh Branham**, MA '72, M Ed '78, of Overland Park, Kan., wrote *The 7 Hidden Reasons Employees Leave*, published by AMACOM Books. It was selected as one of the top 30 business books of 2004 by Business Book Review.
- **Monte Martin**, BJ '72, of Schererville,

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Ind., is wire editor of *The Times of Northwest Indiana*.

•**Thomas Deering**, BS Ed '73, M Ed '74, EdSp, EdSp '79, PhD '85, of Augusta, Ga., is dean of Augusta State University's College of Education.

•**Jerry Kennett**, MD '73, of Columbia is a member of the American College of Cardiology's board of trustees.

COL. MARK GANTS, MS '73, DVM '79, OF BLUE SPRINGS, MO., IS ON A THREE-YEAR TOUR OF DUTY WITH THE U.S. ARMY VETERINARY CORPS. IN THE PERSIAN GULF, HE SERVED AS SENIOR VETERINARY OFFICER, WORKING WITH IRAQIS AT THE BAGHDAD ZOO, THE IRAQI ANIMAL WELFARE SOCIETY AND OTHER VETERINARY ORGANIZATIONS.

•**Robert Brown**, BA, BS '76, of Ames, Iowa, is director of the Center for Sustainable Environmental Technologies at Iowa State University.

•**Scott Tucker**, BA '76, MD '82, of Winston-Salem, N.C., is senior surgeon at Salem Plastic Surgery and specializes in aesthetic surgery of the face and body.

•**Sharon Kinney Hanson**, M Ed '77, of Columbia wrote *The Life of Helen Stephens: The Fulton Flash*, published by Southern Illinois University Press.

•**Tom Krapu**, MA '77, of St. Louis was cited in "Shhh! Be Vewy Vewy Quiet, I'm Hunting for My Sanity!" in *Your Spirit*, an online health magazine.

•**Dan Lang**, BS FW '77, of O'Fallon, Mo., is project manager of the City of Collinsville, Ill., Comprehensive Plan and multiple family rezoning initiative for Horner & Shifrin Inc.

•**David Minnick**, BS Ag '78, JD '81, of St. Louis is senior vice president and general counsel of Stifel, Nicolaus & Co. Inc.

•**Robert Enzenauer**, MD '79, of Chattanooga, Tenn., completed a three-month tour in Baghdad, Iraq, as a flight surgeon in the U.S. National Guard.
•**Steve Holmes**, BJ '79, of Iowa City, Iowa, produced *The New Ball Game*, a

A DOG'S LIFE?

THEY SAY THAT EVERY DOG HAS its day, but Gerald Carey's four-legged clientele can expect a tail-wagging good time every day they spend in his pet resort and day-care center in Blue Springs, Mo.

Carey, BS Ag '66, DVM '68, and his partner, Joseph Rodier, BS Ag '78, DVM '82, at the Blue Springs Animal Hospital and Pet Resort provide the most up-to-date medical services, from laser surgery to ultrasound diagnostic techniques. They've also created a hostelry that is much more than just a boarding kennel.

There's the resort's Canine Camp, for example, where pooches relax in a swimming pool after a hard afternoon playing fetch with camp "counselors." Feline clients can remain properly aloof in their own "condo" in Kitty City, where windows look out over an array of bird feeders.

For dogs, accommodations include 5-by-8 cabins with individual televisions and webcams that let owners check in on their critters over the Internet. There are two-hour indoor play sessions twice a day, during which the staff pays special attention to dogs too shy to roughhouse with bigger dogs. The resort even has a salon area with three full-time groomers.

On a fully booked weekend, they will care for 100 dogs and 20 cats. Is this demand fueled by guilt-stricken pet owners making amends for leaving Fido behind? "I'm sure that's part of it," Carey says. "Over the years, I think the expectations of pet owners have increased. I think there's a demand for a better type of boarding."

There have to be some limits to the pampering Carey's furry guests receive. They won't find a biscuit placed on their turned-down doggie bed each night, and there is no canine concierge. Carey and Rodier have to balance the



Here's your room, Rover. Veterinarian Gerald Carey co-owns Blue Springs Animal Hospital and Pet Resort, which offers luxury accommodations for pampered pooches and fancy felines.

premium care they provide with the demands of running a business.

Some owners, Carey says, drop off their pets with a laundry list of care instructions that can run for pages. He and Rodier also face some business headaches that human hoteliers couldn't imagine. There's the wear and tear on equipment, for example. They started out with an inventory of brand-new toddler beds. "We thought it was a great idea. Unfortunately, the mattresses have a pretty short life," Carey says. "Some dogs," he explains sadly, "are chewers." And the staff members who supervise play sessions have to watch their steps. "The first 15 minutes always seem to turn into glorious major poop sessions," Carey says.

Still, the idea of a pet resort combined with the latest in veterinary care is paying off for the Blue Springs veterinary team. "Our concept is total pet care in one location," Carey says.

— John Beahler

CLASS NOTES

STUDYING THE SPECTRUM

FOR SOCIAL SCIENTIST VELMA McBride Murry, diversity is not a palette of a few distinct colors. She focuses her research on African-American families, but she refuses to paint that community with the traditional broad brush.

"There is this thought that we [African Americans] are all the same," says Murry, MS '85, PhD '87. "I question the assumption that one size fits all."

Murry believes diversity is embodied in more than racial categories. As a professor and co-director of the Center for Family Research at the University of Georgia in Athens, she designs social research that recognizes the variety of ethnicity, socioeconomic status and family structure within racial groups, particularly African-American communities.

The center conducts longitudinal developmental research with African-American families of varying economic status in rural communities and small towns. Some of the approximately 2,000 families have been involved in center projects for as many as 12 years. In partnership with dedicated community liaisons, the center has retained more than 90 percent of participants in sample groups spanning nine or ten years.

"It's not research for research's sake," Murry says. "It informs policy. It's important for me to know that families can benefit."

In fact, years of empirical research led recently to the development of the Strong African American Families curriculum, aimed at preventing high-risk behavior in African-American pre-adolescents by strengthening family interactions that encourage children to reach positive goals. The program specifically targets the demographic that Murry and her colleagues study so



Velma McBride Murry returned to MU in October to deliver the first Diversity Lecture in the Department of Human Development and Family Studies.

closely, and after the curriculum is further refined, they plan to market it for broad dissemination.

Murry's work has brought her much professional success. She served two terms as an appointed commissioner of the Children's Trust Fund of Georgia, and in 2003, the National Institute of Mental Health awarded her and center Director Gene Brody a five-year Developing Center Grant to support their efforts to improve family-centered preventive interventions for African Americans in rural Georgia.

But Murry's work with small-town African Americans also holds much personal significance for her. She herself grew up not in a stereotypical urban, single-mother household but rather with two parents and an enormous, close-knit extended family in rural Tennessee. She knows from personal experience that the African-American experience is far more diverse than stereotypes suggest.

"These families have been invisible," she says. "I want to tell their stories in different ways than people might expect." — *Mary Beth Constant*

documentary about minor league teams. It will be shown at the National Baseball Hall of Fame and Museum.

THE EIGHTIES

Kim Green, BJ '80, of Jefferson City, Mo., is executive director of the Missouri Sentencing Advisory Commission.

Tammy Lechner, BJ '80, of Laguna Beach, Calif., displayed a photo exhibit, "In the Cal: Pastime Goes Primetime in California's Minor League," at John Wayne Airport in Orange County, Calif.

The Rev. George St. Anthony Ferguson Sr., MBA '81, of Upper Marlboro, Md., is pastor-elect of Calvary Baptist Church in Charleston, S.C.

Julie Ann Koonse Sturm, BA '83, of Shawnee Mission, Kan., was a contributing editor and production manager of *Building From the Heart, The J.E. Dunn Story*, published by Heritage Histories.

Cmdr. Russell Haas, BS ME '84, of San Diego returned from a routine scheduled deployment to the western Pacific aboard the *USS McCampbell*.

Gary Allen, PhD '85, of Columbia is interim chief information officer for MU.

Jay Dade, BJ '85, JD '93, of Rogersville, Mo., is of counsel in the labor and employment law practice of Shughart Thomson & Kilroy PC. Dade is president-elect of the MU Alumni Association.

Lori Parker Devoti, BJ '86, of Madison, Wis., wrote *Love is All Around*, published by Zebra/Kensington Books.

Ryan Duffy, BA, BJ '86, of Kansas City, Mo., was named 2005 Ad Club Member of the Year by the Advertising Club of Kansas City.

Eunice Perry Harris, BS Ed '87, and husband **John Gregory Harris**, BS '97, of St. Louis announce the birth of John Robert on Jan. 9.

Steve Vincent, BS Ag '87, and wife Suzanne of Ballwin, Mo., announce the birth of Anna Christine on Jan. 24. Steve is a past president of the MU Alumni Association and works at KMOX radio.

Joe Hayden, MA '88, of Memphis, Tenn., is a professor of journalism at the University of Memphis.

Stephanie Geeter, BA '89, of Atlanta is editor of *Airline Pilot Careers* magazine.

•**Brian Peterson**, BJ '89, of Woodbury, Minn., is director of media relations of Fox Sports Net North.

THE NINETIES

•**Lori Weiss Schreiner**, BS Ace '90, and husband •**Cary Schreiner** of Fenton, Mo., announce the birth of Jacob Austin on Dec. 30.

Heather Boggs Holbrook, BJ '91, and husband Tim of Sullivan's Island, S.C., announce the birth of Charles Edmonds on Nov. 15. Heather is a freelance writer.

Toni Lapp, BJ '91, of Prairie Village, Kan., is senior writer for *Ten*, a magazine about business and finance in the 10th district of the Federal Reserve Bank.

•**Jim Snyder**, BS BA '91, and wife Yadira of Frisco, Texas, announce the birth of Jake Carter on Jan. 4. Jim is president of the Dallas-Fort Worth chapter of the MU Alumni Association.

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• **Corey Herron**, BS BA '92, JD '96, and wife Kristina of Trenton, Mo., announce the birth of Phillip Cooper on Feb. 16.

• **Tom Keiser Jr.**, BS '92, and wife **Suzanne Neal Keiser**, BHS '94, of Kirkwood, Mo., announce the birth of Holly Ann on June 25, 2004.

• **Julie Major**, BA '92, of Miami received a master's degree in print journalism from the University of Miami School of Communication. She is assistant director of marketing and communications for the University of Miami in Coral Gables.

• **June Forte McMillin**, BA, BA '92, and husband Martin of Derby, Kan., announce the birth of Hunter Patrick on March 7.

• **Andale Gross**, BJ '93, of Akron, Ohio, received a first-place Salute to Excellence Journalism Award from the National Association of Black Journalists for a commentary on the murder of his cousin.

• **Dylan Murray**, BJ '93, JD '97, of Shawnee Mission, Kan., is a partner with Shook, Hardy & Bacon LLP and focuses



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Melissa Heapes
 MU Student
 Journalism Major
 Junior



**William Trogon
 (William Least Heat-Moon)**
 Author
 Ellis Library Benefactor
 1961 Arts & Science (BA)
 1962 (MA), 1973 (PhD)
 1978 Journalism (BJ)



Diane Glancy
 Author
 1964 Arts & Science (BA)
 Professor of English
 at Macalester College in
 St. Paul, Minnesota



Bill Stauffer
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CLASS NOTES

A VOICE FOR COLUMBIA'S MUSIC

JASON CAFER MAY HAVE A RESIDENTIAL life worker to thank for his status as an underground legend in Columbia's local music scene. His room assignment as a Mizzou freshman in 1994 placed him about 20 feet from KCOU, MU's college radio station.

Cafer, BS '98, MD '03, started as a substitute DJ for the station the next semester. With the exception of about four or five months, he's been on the air ever since, through his undergrad years, through medical school and beyond. He just can't help himself. "There's some chemical thing in my brain," he says. "When I hear an awesome new song that I haven't heard before, it's so beneficial that I really have to make time for it."

Even now, as a psychiatric resident who's married with one child and another on the way, Cafer compulsively keeps his hands in music. That includes releasing the first volume of *Painfully Midwestern Comomusic Anthology 1990-2005*, a three-volume compilation



Ever since the mid-'90s, Jason Cafer has been a staple on the low end of Columbia's radio dial.

of Columbia music, in March.

Cafer started an ad hoc record label (www.painfullymidwestern.com) to put together the release, an eclectic mix (read: not for the unadventurous or easily offended) of everything from protest songs and raunchy garage rock to the "country punk" that gave Cafer his start in radio.

A longtime staple of Columbia's air-

waves, Cafer seems apt as the musical anthropologist to document the local scene. KCOU listeners of the '90s might remember his work on shows such as *Country Brunch*, which featured that era's plethora of alternative country bands, and *Shake 'Em On Down*, with '50s rock, rockabilly, surf rock and anything with "that greasy, rock 'n' roll sound."

Now, if you're in Columbia and turn the dial to 88.1, there's a better-than-average chance you'll still hear Cafer's voice, especially over Christmas or spring break. Through the years, he's made something like 600 to 700 hours worth of prerecorded shows for KCOU to play when no live DJ is available. He still does the occasional live show, but not being a student anymore, he's made the switch to community radio as a DJ on KOPN 89.5.

He somehow manages to get about seven hours of sleep a night, but that's assuming he doesn't get inspired to take on any other work. "I need to stay away from doing new projects," he says.

—Chris Blöse

on national products liability litigation.

•**Alison Peacock**, BA, BJ '93, of Seattle is a freelance writer focusing on travel, food, design, art, diversity and health articles.

•**Scott Wall**, BS BA '94, and wife **Lisa Augunger Wall**, BS Ed '95, of Lee's Summit, Mo., announce the birth of Ryan Scott on Dec. 17.

•**Gina Cossarini Cunningham**, BS BA '95, and husband Jay of Chesterfield, Mo., announce the birth of John Spurgeon on Dec. 5.

•**Tina Moore**, BSW '95, and husband Joseph Kinder of Chapel Hill, N.C., announce the birth of Otto Zaius on July 12.

•**Kristi Grobe Booker**, BJ '96, JD '00, of Dexter, Mo., is an attorney with Spain, Merrell and Miller LLC.

•**Jennifer Brady Bové**, BS '96, of Ellensburg, Wash., wrote *The Back Road to Crazy: Stories from the Field*,

published by University of Utah Press.

•**Terry Jarrett**, JD '96, of Jefferson City, Mo., is general counsel for Missouri Gov. Matt Blunt.

•**Matthew Joseph**, BA '96, of Brookfield, Ill., is president of the Brookfield Chamber of Commerce.

•**Jason Lamb**, BA '96, and wife **Vanessa Lamb**, M Ed '02, of Mexico, Mo., announce the birth of Jackson Harris on Nov. 27.

•**Ann Ahrens Beck**, BA '97, JD '00, of Valley Park, Mo., is an associate with Thompson Coburn LLP.

•**Kim Cook**, BS BA, BS BA '97, JD '01, of St. Louis is general counsel for Clayco Construction Co. She was featured in "Nailing Down the Legal Side of Big Construction" in the Dec. 9 issue of *The St. Louis American*.

•**Eric Mullins**, BS '97, MD '01, of

Cincinnati completed a residency in pediatrics at Vanderbilt University and has a fellowship in pediatric hematology/oncology at Cincinnati Children's Hospital.

•**Chad Sapp**, BA '97, and wife **Terra Henry Sapp**, BA '97, of Ashland, Mo., announce the adoption of Henry Jacob, born Feb. 11, 2003, and the birth of Oliver Baker on March 8, 2004.

•**Lydia Burch Akers**, BS Ed '98, and husband Rob of San Antonio announce the birth of daughter Taylor Reece on Jan. 25.

•**Jeremy Neely**, BA, BA '98, MA '00, PhD '04, and wife **Angie Whitesel**, BS '98, MD '02, of Bartlesville, Mo., announce the birth of Owen Abraham on Nov. 16.

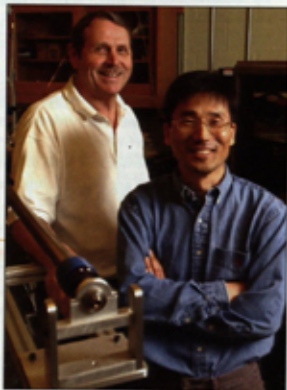
•**Barry Odom**, BS '99, M Ed '04, and wife **Tritia Trump Odom**, BS Ed '99, of Columbia announce the birth of James

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FUELING THE ECONOMY

In Missouri, MU's research activity has an economic impact of more than \$380 million, supports more than 8,000 jobs, prepares students to succeed in a knowledge-based economy and produces real-world benefits. Biochemistry Professor Judy Wall, left, and her research team are studying a species of bacteria that could one day make uranium and other environmental toxins less hazardous.



SUPPORTING ENTREPRENEURSHIP

MU research lays the foundation for new companies. MOXtronics, one of eight new startup companies based on MU technology, is the brainchild of physics Professor Henry White, left, and Visiting Scholar Yungryel Ryu, PhD '98. They are developing a new class of semiconductor materials with a range of potential commercial and defense applications, from brighter cockpit displays to more effective radar to home lighting that is 10 times more efficient than what is available today.



SOLVING TOUGH PROBLEMS

MU research generates new products to improve lives. Last year, MU filed 39 patent applications for new inventions. Jeffrey Phillips, associate research professor of surgery, invented a new way to deliver drugs for the treatment of acid reflux and ulcers. The product, called Zegerid™, was licensed to the Santaras company and has the potential to capture a large share of a multibillion dollar market.

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CLASS NOTES

Trump on Nov. 30. Barry is director of recruiting for the MU Tigers football team.

•**Gina Riekhof**, BS '99, MS, JD '03, of Kansas City, Mo., co-wrote "Regulating Wine by Mail," published in *Regulation* and cited in an amicus brief filed with the U.S. Supreme Court.

THE 2000S

•**Conan DeWitt**, BS ChE '00, MS '02, and wife •**Angela Cocchiarella DeWitt**, BA '00, of Pittsburgh announce the birth of Matthew David on Nov. 28.

•**Donna Himmelsbach**, BS Acc, M Acc '00, of Florissant, Mo., is a supervisor for BKD LLP.

•**Brian Seel**, MBA '01, of Lenexa, Kan., is a project director with Decision Insight in Kansas City, Mo.

•**Tricia Falter**, BS, BS '02, formerly of Freeburg, Mo., is an associate with Morgan&Myers, a communications counseling firm in Waterloo, Iowa.

Mike Hall, BJ '04, of Bristol, Conn., is lead anchor for ESPN, an ESPN offshoot focusing on college athletics.

FRIEND OF THE UNIVERSITY

•**Mike Alden** of Columbia is a member of the Executive Committee for the Division 1A Athletic Directors' Association. He is athletic director for MU's Department of Intercollegiate Athletics.

FACULTY DEATHS

James Holland, EdD '66, professor emeritus of educational administration, Jan. 30 at age 85 in Columbia.

Paul Smith, professor emeritus of economics, March 2 at age 78 in Columbia.

DEATHS

Frances Hewitt Tonnancour, MA '37, of Youngstown, Ariz., Dec. 30 at age 94.

Merle Crawford, BS Ag '38, of Tucson, Ariz., Oct. 26 at age 96. He retired from

teaching vocational agriculture in Missouri and Arizona after 43 years of service.

Hugh "Bud" Wylie, BJ '39, of Clearwater, Fla., Jan. 6 at age 90. He retired from the Associated Press after 39 years of service.

Elaine Turner Lockett, BJ '40, of Sedalia, Mo., Dec. 25, 2003, at age 85. She owned and operated Lockett's Ladies Shop and Sedalia Ice and Cold Storage with her husband, George.

George Lockett, BJ '40, of Sedalia, Mo., Feb. 29, 2004, at age 86. He owned and operated Lockett's Ladies Shop and Sedalia Ice and Cold Storage with his wife, Elaine.

Retired Col. John White, BS Ag '40, of San Diego Jan. 27 at age 87. He retired from active duty in the U.S. Marine Corps after 30 years of service.

Gordon Crosby Jr., Bus '41, DHL '00, of Fort Myers, Fla., Dec. 16 at age 84. He retired as chairman and chief executive officer of USLIFE Corp.

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CLASS NOTES

Gerald Popper, BS PA '46, of Palm Springs, Calif., Sept. 2 at age 82. He was chief executive officer of Popper/Kirby Productions.

Ed Gerker, BS Ag '47, of St. Louis Nov. 6 at age 82.

John Jones, BJ '47, of Kerrville, Texas, Feb. 5, 2004, at age 81. A member of Phi Gamma Delta, he was a purchasing manager for Brown & Root Inc. for more than 20 years.

Clark McCarty, MA '47, PhD '53, of Slidell, La., Sept. 3, 2002, at age 86. He taught physics and chemistry at Ouachita Baptist University for nearly 30 years.

Margaret Cariss Kirchhoff, BS Med '48, of San Francisco Jan. 8 at age 84. She retired from practicing pediatrics.

John Madden, BS BA '48, of Irvine, Calif., Jan. 22 at age 80.

Clarebell Day Coulter, BS Ed '49, of Wilmington, N.C., March 21, 2004, at age 77. She retired from teaching physical education.

Daryle McCullough, BS Ed '49, M Ed '53, of Mountain Grove, Mo., Dec. 26 at age 81. He retired from the Missouri Department of Elementary and Secondary Education.

David Wilder Jr., BSF '49, of Fayette, Mo., Feb. 18 at age 80. A member of Alpha Gamma Rho, he was a forester with Western Electric in Tennessee.

Charles Roberts, BS Ag '50, of Springfield, Mo., Jan. 4 at age 81. He retired as vice president for Burlington Northern Railroad.

Gordon Willhoite, BS Ag '50, of Hillsboro, Mo., Sept. 7 at age 79. He worked for Massey Ferguson Equipment Co.

Harvey Becht, BS BA '51, of St. Louis Jan. 9 at age 78. He retired from real estate and banking and worked as a loan officer for Community Federal Savings and Loan.

Richard Hollasch, BS ME '51, of Sellersburg, Ind., Nov. 13 at age 77. He retired as staff engineer for Wolf Creek Nuclear Corp and Western Resources.

Lawrence Seright, BA '51, of Midland, Texas, Nov. 15 at age 77. He was a consulting geologist in Midland.

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V. Bill Cole, BS Med '52, of Cypress, Texas, Oct. 28 at age 79. He was an internist and endocrinologist for 41 years.

Manuel Drumm, BS BA, JD '53, of Sikeston, Mo., May 22, 2004, at age 74. A member of Phi Delta Theta, he established a private law practice and was city attorney for Sikeston for 17 years.

Donald K. Hoel, BS BA '53, JD '58, of Kansas City, Mo., and Sanibel, Fla., Oct. 20 at age 72. A member of Sigma Alpha Epsilon, he practiced law for 35 years at

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Harry Stonciper, BJ '53, MA '55, of Carbondale, Ill., Dec. 26 at age 86. He was a professor emeritus of journalism at Southern Illinois University in Carbondale.

Ben "Mac" Callaway, BS ME '56, of Springfield, Mo., Jan. 18 at age 70. A member of Beta Theta Pi, he retired as manager of truck package and design for Ford Motor Co.

CLASS NOTES

John Tindel, BA '56, MA '57, JD '63, of Cabool, Mo., Dec. 24 at age 69. He practiced law in Cabool and Houston, Mo.

Ronald Rosser, BS BA '57, of Nichols Hills, Okla., Feb. 6 at age 69. He owned Texas Lawn Sprinkler Co. and was a supporter of the Oklahoma City Zoo.

Sue Hawkins, M Ed '58, EdD '66, of Jefferson City, Mo., Jan. 16 at age 74. She taught in public schools and universities and specialized in remedial reading.

Ben Martin, BA '58, JD '61, of Springfield, Mo., Nov. 21 at age 68. He retired as a professional baseball agent.

Barbara Kowald Williams, BSN '58, of Austin, Texas, July 26 at age 78. She was a registered nurse.

Charles Ernst, BS EE '60, of Dixon, Mo., Nov. 24 at age 73. He retired from Western Union.

L.J. Weber, BA '61, JD '65, of Crystal City, Mo., Aug. 7 at age 64.

Bob Harwell, BS BA '62, MA '63, of Palo Alto, Calif., May 12, 2004, at age 65. He was director of the southeast division of Beyond War.

Barbara Allphin, BA '70, of Shawnee Mission, Kan., July 24 at age 56. She practiced adolescent medicine at Children's Hospital in Kansas City, Mo.

Barry Kincaid, BA '70, of Kansas City, Mo., Jan. 12 at age 56. He retired as a teacher at Raytown South High School.

Richard Baker, BS Ed '72, of Portland, Ore., Dec. 16 at age 58. He was a riverboat pilot on the Mississippi River.

H. Bentley Glass, DS '77, of Boulder, Colo., Jan. 16 at age 98. He was a renowned geneticist and theorist.

M. Kathryn Mouser Sexton, M Ed '92, of Boonville, Mo., Jan. 15 at age 54. She



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Donald Johnson, BS Ag '57 and his wife, Gayle, take a spin at Columbia Mall.

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**FOR FALL 2005 ISSUE,
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was a counselor at the Family Counseling
 Center.

WEDDINGS

•Ron Black, BS EE '87, and Melody
 Draper of St. Charles, Mo., Sept. 10.
 Ann Ahrens, BA '97, JD '00, and Randy
 Beck of Valley Park, Mo., Nov. 13.

Yolanda Donaldson, BS IE '99, and
 Eric Brown of Morrisville, N.C., Nov. 27.
 Sara Woodward, BS BA '99, JD '03,
 and Thomas Neill, BA '99, JD '02, of
 St. Louis Nov. 20.
 •Hilarie Fenner, BHS '01, and Shawn
 Simpson of O'Fallon, Mo., March 26.
 •Melissa Proffitt, BS HES '01, and

•Nicholas Krekeler, BSF '01, of
 St. Louis Feb. 5, 2004.
 •Alison Moore, BS BA '02, and Jay
 McCulloch, BS BA '00, of O'Fallon,
 Mo., May 31, 2003.
 Alicia Kellogg, BJ '03, MA '04, and
 John Borchardt, BS EE '03, of St. Louis
 Sept. 4.

A MATCHLESS MOMENT

SOON AFTER MEGAN GERMAN and Liz Clarkson (now Liz Manion) met in 1997 as what Manion calls "potluck roommates," it was clear they had some important things in common. But as freshmen they couldn't have known that this spring they'd both be graduating from MU's medical school—one married and one engaged—and about to set off with physician-spouses to residencies in the Midwest.

What was clear back then was that both were serious students who had landed on a special residence hall floor that included programming on the theme of wellness. "We spent a lot of time in our room studying," says Manion, BS '01, MD '05, then a premed major from Brookfield, Mo. She had known since high school that she wanted to be a physician. To gain experience, she used to tag along with her mother, Sandy Clarkson, BSN '93, MS '96, a nurse who now directs the Chariton County Health Department.

German, BS '00, MD '05, initially a biology major from St. Charles, Mo., had always kept med school as an option. But she didn't make the decision to pursue it until she volunteered at a skilled-nursing facility as an undergraduate. "That's when I really got hooked on the idea of becoming a doctor," she says. "I spent a lot of one-on-one time with patients, and they'd tell me what they liked in a doctor. They liked it, for instance, when their doctor would stop in and talk with them or put a hand on their shoulder."

After this experience, German decided to become a geriatrician, but she has since switched ends of the life spectrum to pediatrics. In a similar twist, Manion, after first planning to enter the people-



PHOTO BY BOB HILL

centered specialty of family practice, has opted instead for the lab-based discipline of pathology.

On March 17, German and Manion met again briefly on campus at a suspense-filled ceremony called Match Day, in which fourth-year medical students gather to open letters informing them of where they will spend the next few years in residency training learning their specialties. With luck, their first choice is a match with a program that also chooses them. Happily, both got their wishes, with Manion heading to the University of Iowa in Iowa City and German to Indiana University-Purdue University Indianapolis.

Not only did German and Manion

When Megan German, inset left, and Liz Clarkson (now Liz Manion) were roommates eight years ago in a wellness residence hall at MU, they appeared in a MIZZOU magazine story about living-learning communities. This spring they graduated from medical school, where they met their future spouses. Shown here March 17 during the Match Day ceremony at the School of Medicine are, from left, Smith Manion, MD '05, and his wife, Liz Manion, BS '01, MD '05, Megan German, BS '00, MD '05, and her fiancé, Kevin Clary, BS '00, MD '05.

make happy matches with residency programs, they've also been lucky in love, having matched up with men in their medical school class. — Dale Smith




Kristina Narfstrom, the Ruth M. Kraeuchi Missouri Professor of Veterinary Ophthalmology, came to MU from the Swedish University of Agricultural Science and is an international expert on retinal diseases in dogs and cats. Her current research on gene therapy for dogs could result in treatments for humans, epitomizing the College of Veterinary Medicine's "one medicine" concept.

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