

Who Wants To Be A Doctor?

Med school programs steer young people to health careers

- KU's ice researchers
- Novelist Laura Moriarty



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COVER

Medicinal PurposeBy offering academic challenges to kids

from kindergarten through college, the School of Medicine hopes to prepare more minority students for careers in math and science—and expand health care knowledge in underserved communities.

BY MELISSA BERG HARMON Cover: Doctoral candidate Fernando Estrada and students in the Saturday Science and Math Academy. Photograph by Steve Puppe.

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A unique radar developed by the Center for Remote Sensing of Ice Sheets can penetrate the world's thickest ice formations and gather data that could help researchers answer urgent questions about sea-level rise and climate change. Learn how NASA has tapped this KU expertise to fill an important gap in global climate research.

BY JILL HUMMELS

Sense of Place

With three published novels and an appearance on the New York Times best-seller list, creative writing professor Laura Moriarty is making her mark on the American literary scene. Discover why her muse and her life remain deeply rooted in Kansas.

BY WHITNEY ERIKSEN





Lift the Chorus

A credit to his profession

Reading your cover story on Richard Schiefelbusch ["The Particular Genius of Richard Schiefelbusch," issue No. 6], I

turned to page 30 and found myself, a young Topeka Randolph Elementary student with a speech problem, in the picture with three other children and Mr. Schiefelbusch. Fast forward 15 years and I was a student of his colleague Bruce Linton at KU, still learning speech along with journalism.



Recently named Oregon's 2009 Broadcaster of the Year, I now realize my indebtedness to Mr. Schiefelbusch. I retain a similar picture that was on the cover of the Educational Platform for the State of Public Instruction in the late '40s that I now understand was a result of the work of this "particular genius."

I think I can safely credit this fine man for a great part of the joy of my education and business life.

> Van Moe, j'65 Tillamook, Ore.

Chalmers remembered

My friend Larry Chalmers died recently. He was able to drive himself down from his mesa-top home to the hospital in Durango, where he passed a short while later.

I met Larry in 2003 when I reported to work at Aztec Ruins National Monument in 2003, where I work as a park ranger. The dapper gentleman with the bow tie was manning the visitor information desk when I walked in. As we got acquainted I told him I graduated from KU in 1992. Larry said, in a most understated way, "I was at KU too."

"As an undergrad?" I asked.

"No, I was chancellor of the University."

I was impressed. As Larry gave me his history at KU during the turbulent Viet-

> nam War era, I vaguely recollected his name, probably from UDK articles that referenced the past and maybe from a plaque or two on campus. Larry fell under my official but extremely loose supervision at the monument and I used to say, "Hey, Larry, I bet you never thought a lowly undergrad would be bossing you around!"

Larry was professorial in his role as volunteer park ranger. He

delighted in explaining Anasazi cultural history and archeology to visitors. He also undertook an ambitious "stone counting" project, dividing the ruins into plots and counting individual stones to create a database he hoped would shed light on how many man hours were required to complete the ruins. He wore his volunteer ranger uniform with pride, accessorized with his bow ties, and always looked sharp.

Larry considered himself "a reasonably good Episcopalian" and was proud of his Scottish heritage, which he credited for his thrift. We both loved sardines and Larry used to buy the cheap ovalshaped cans from the Mexican food aisle because he was "too Scottish" to pay the extra 50 cents for King Oscars. His old Buick had almost 300,000 miles on it.

Larry had a boyish mischievousness that he shared with his grandsons when they visited. He would take them to the edge of the mesa on which he lived, where they would aim Larry's spud gun down onto the Animas River and send potatoes splashing into the water, yards downstream from rafters and fishermen.

I take credit for rekindling Larry's appreciation for KU basketball. He started following the team so we could talk hoops at work. When Durangobased KU fans met at our regular bar to watch the 2003 championship game between KU and Syracuse, I invited Larry and beamed when he showed up with a Jayhawk pinned to his blazer. "Hey everybody," I said, "meet my friend the chancellor!"

I also had the great pleasure of being first to inform Larry that a movement was under way to name a building for him on campus. He was especially moved to learn it was a student-based initiative from kids who weren't even born when he was chancellor.

Knowing Larry was a great experience. He shared his brilliant intellect humbly and treated people with genuine compassion. He was "high-minded" but not the least bit snobby. Larry touched many people's lives through his work at Aztec Ruins. When he died, the National Park Service lost a dear friend and invaluable employee.

> Frank Hayde, c'93 Grand Junction, Colo.

Holiday e-mail appreciated

I attended KU from fall '88 to summer '91. I lived in Sellards Scholarship Hall and majored in psychology. Now I teach at a Catholic American school in Rio de Janeiro called Our Lady of Mercy.

I have great memories from KU and the friends I made there. I dream of the day I will return to visit, but the salary of a teacher in Brazil is low and I cannot afford to travel abroad.

Thank you so much for the lovely holiday greeting. I hope you all have a wonderful 2010 full of joy, peace and achievements.

> Simone De Souza, c'92 Rio de Janeiro

Kansas Alumni welcomes letters to the editor. Our address is Kansas Alumni magazine, 1266 Oread Avenue, Lawrence, KS 66045-3169. E-mail responses may be sent to kualumni@kualumni.org, or Associate Editor Chris Lazzarino, clazz@kualumni.org. Letters appearing in the magazine may be edited for space and clarity.

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Publisher Kevin J. Corbett, c'88

Editor Jennifer Jackson Sanner, j'81

Creative Director Susan Younger, f'91
Associate Editors Chris Lazzarino, j'86

Steven Hill

Staff Writers Katie Moyer Coffman, j'06

Terry Rombeck

Editorial Assistant Karen Goodell **Photographer** Steve Puppe, j'98 **Graphic Designer** Valerie Spicher, j'94

Advertising Sales Representative

Whitney Eriksen, c'08, j'08

Editorial and Advertising Office

KU Alumni Association 1266 Oread Ave.

Lawrence, KS 66045-3169 785-864-4760 • 800-584-2957

www.kualumni.org kualumni@kualumni.org

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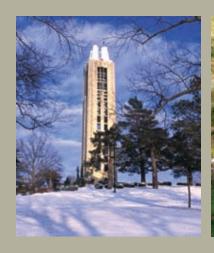
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Scene on campus









Loyalty is Timeless.



Thank you for being a loyal KU Alumni Association member.

Your membership is the best way to strengthen the University and the value of a KU degree, ensuring that future generations of Jayhawks will share your pride and loyalty.

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All renewals can be made online at www.kualumni.org or by calling 800-584-2957.

Again, thank you and Rock Chalk!



BY JENNIFER JACKSON SANNER First Word

ven the most resolute poker faces melted during discussion one morning last February in ✓ Strong Hall. The meeting lingers in my memory because it took such a surprising—and gratifying—turn.

The agenda began with grim tidings of the state's budget crisis. As the Kansas Legislature prepared to make tough decisions about slicing up a shrinking pie of revenue, KU administrators began to process the potential impact of severe budget cuts. After an hour, faces in the room had fallen and the mood had spiraled downward toward despair.

But relief arrived just in time. KU Medical Center colleagues departed from the agenda, sharing a brief video profile highlighting Patricia Thomas, a pathologist and associate dean for cultural enhancement and diversity at the School of Medicine. Minutes later, faces around the room had brightened. A few of us fought back tears. The story of Thomas and her path to medicine reminded everyone, even on a tough morning, of the power of education and the vitality that KU brings to so many communities through health care advances and countless

This issue's cover story, by Melissa Berg Harmon, j'72, describes the ways in which Thomas and her colleagues guide young students toward higher education and careers in health care. As another tough legislative session begins, the medical school's work is but one of the stories Jayhawks will share with lawmakers.

other programs. The bleakest of

meetings ended on a high note.

The strong voices of Jayhawks for Higher Education, the Alumni Association's statewide legislative advocacy group, helped KU avoid the most devastating cuts proposed in early 2009, but since then the toll has grown: Through five rounds of cuts, KU leaders have coped with cuts of more than \$36.6 million, and the entire higher education system has lost \$106 million, shrinking budgets to Fiscal Year 2006 levels.

At KU, reductions have resulted in fewer instructors, larger class sizes and fewer course offerings, especially in key areas such as nursing and engineering.

In his State of the State address Jan. 11, Gov. Mark Parkinson, l'84, stressed the need to protect the state's

and community colleges."

Parkinson recommended the restoration of \$10 million to the higher education budget for Fiscal Year 2011. His budget also included an increase in the state sales tax for a three-year period, and an increase in the tobacco tax.

Jill Sadowsky Docking, c'78, g'84, chair of the Kansas Board of Regents, praised the governor's plan. "The Board applauds the governor's politically difficult but fiscally responsible decision to propose a revenue enhancement package for Fiscal Year 2011," she said. "While it's never easy to propose a tax increase, the

proposal does serve two important purposes. First, it spares the

higher education system from additional reductions, which, at this point, would devastate a system already crippled by budget cuts. Second, the \$10 million budget enhancement represents an important and positive step in reversing what has become an extremely damaging higher education funding trend. If we do ultimately receive this enhancement, the Board will commit it to strategically targeted investments aimed at boosting the Kansas economy."

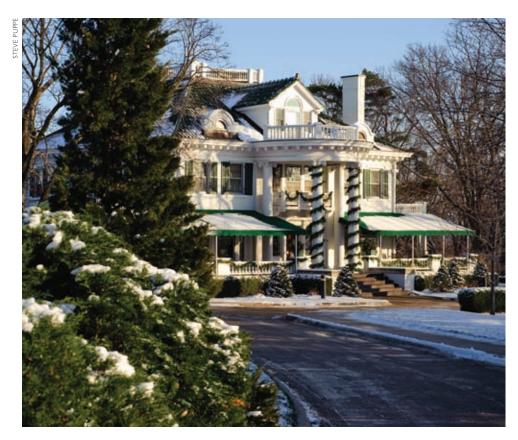
As in 2009, alumni advocacy will be critical to preserving higher education funding. More than 700

members of Jayhawks for Higher Education stand ready to make the case for KU and the Regents system, and we hope the ranks will grow. During the legislative session, the Association will send e-mail alerts urging alumni to use our online tools to communicate with their legislators. If you live in Kansas and have not yet registered for JHE, please visit www.kualumni.org. If you already have added your voice to the chorus, we appreciate your loyalty.

150-year commitment to education. He described the "elegant and concise" vision of early Kansans: "If you want to keep the best and brightest in a state, you must create a great higher education system to retain them. If you want to attract the best and brightest from other states, you must have great higher education. If you want to provide a workforce for the future, you build great universities, technical schools



On the Boulevard



Exhibitions

"Earthly Vessels: African Ceramics," Spencer Museum of Art, through Feb. 7

"Extra/Ordinary: Video Art from Asia," Spencer Museum of Art, through Feb. 14

"Chen Shaoxiong: Ink Things," Spencer Museum of Art, through Feb. 14

"Textures of Interpretation: Meaning and Materiality in Global Contemporary Art," Spencer Museum of Art, through May 5

"C.A. Seward: Artist and Draftsman," Spencer Museum of Art, Feb. 13-May 16

University Theatre

FEBRUARY

4-7, 10-13 "KU Confidential"

26-28, March 4-6 "Arms and the Man," directed by John Gronbeck-Tedesco

March 25-28, 31 "Undergraduate Student Projects"

Lied Center events

IANUARY

28 Ballet Folklórico de México

FEBRUARY

■ "The Drowsy Chaperone"

- **5** Pilobolus Dance Theatre
- **6** KU Wind Ensemble and Symphony Orchestra
- **7** Prairie Wind Concert
- 16 Gold Medalist
- 19 KU Symphony Orchestra
- **26** "The Aluminum Show"

MARCH

- **7** The Albers Trio
- **9** KU Symphonic and University Band
- **IO** SHIDARA
- 24 "Avenue Q"
- **30** Joy of Singing

Lectures

FEBRUARY

16 Rory Stewart, Humanities Lecture Series, Kansas Union

MARCH

23 Mary Oliver, Humanities Lecture Series, Lied Center





■Winter on the Hill:Along with downright cold weather, Lawrence snowstorms brought picturesque campus scenery, endless opportunities for sledding and more than 15 inches of snowfall since Christmas Eve.

Special events

MARCH

8-12 KU Spirit Week

Academic calendar

MARCH

15-21 Spring break

Alumni events

JANUARY

- 28 Houston: Engineering alumni reception
- **30** St. Louis Chapter: Basketball and bowling event

FEBRUARY

- 4 St. Louis Chapter: Alumni night with the Blues
- **19** Southwest Kansas Chapter: Jayhawk Tumble
- 20 Dallas Chapter: Alumni Night with the Mavericks



- **26** Wichita: KU Symphony Orchestra Tour
- **27** Denver Chapter: Estes Park Brewery beer tasting and watch party
- **27** Dodge City: KU Symphony Orchestra Tour
- **27** Garden City: KU Symphony Orchestra Tour
- **28** Great Bend: KU Symphony Orchestra Tour
- **28** Salina: KU Symphony Orchestra Tour

MARCH

- 3 Portland Chapter: Alumni Night with the Trail Blazers
- **10-13** Kansas City: Big 12 Tournament

Kansas Honors Program

FEBRUARY

- Pittsburg
- 8 Beloit
- 8 Fort Scott

- 10 Great Bend
- II Larned
- 18 Washington
- 24 Holton
- **24** Mound City

MARCH

- 3 Hiawatha
- **24** Atchison

Lied Center	864-ARTS
University Theatre tickets	864-3982
Spencer Museum of Art .	864-4710
Natural History Museum	864-4540
Hall Center for Humaniti	es864-4798
Kansas Union	
KU Info	
Adams Alumni Center	864-4760
KU main number	864-2700
Athletics	1-800-34-HAWKS
Booth Hall of Athletics .	
Dole Institute of Politics	



Jayhawk Walk



Jayhawks on display

flock of Jayhawks and memorabilia more than a thousand strong has alighted in the Kansas Union, perched in a series of cases outside the second-floor bookstore and a case built into the room divider near the fourth-floor piano.

The Jayhawk cowboy boots are super cool. So is an engraved razor/mirror/notebook set. There are statues and statuettes, Jayhawk soda, buttons, decals, license plates, fobs, watches, signs, and even Elden Tefft's very first attempt at the distinctive Jayhawk that guards Strong Hall.

Retired Lawrence businessman Bud Jennings, who last summer agreed to a multiyear loan of his prized collection, recalls that when he was a boy growing up on New Hampshire Street, a neighbor who made cast-iron Jayhawks at Fowler Shops would sometimes bring one back from work for young Bud.

"After that, I just kept picking them up

here and there," Jennings, 80, recalls from his downsize duplex, the move into which forced him to part with his 'Hawks. "A man gave me one this morning, in fact."

> Jennings and Mike Reid, '87, KU Memorial Unions' director of marketing and communications, both notice fans young and old lingering around the cases.

Some are transfixed by the history of our durable bird, while others lose themselves in a stroll down memory lane.

"There's very few schools that could put something like this together," Reid says. "We're incredibly lucky to have the Jayhawk and all of its history."

Reid intends to post a full essay about Jennings' Jayhawks on the Union's online history trove, kuhistory.com, and he hopes a fund drive can be launched to purchase the collection and retain it on permanent

In any event, the collection will be on view for at least three years ... which should be barely enough time to take it all in.

Home grown

anna Traver is leading a back-to-theland movement—six stories up.

To boost sustainability in campus kitchens, KU Dining Services (which nixed cafeteria trays to trim food waste and adopted recyclable to-go boxes and biodegradable cutlery) has started growing vegetables on the Kansas Union roof.

A bumper crop of herbs, peppers and tomatoes cut food costs and freshened summer salads, and dried herbs continue to spice curries, soups and pastas well into winter. The appeal is apparent, says Traver, c'92, executive chef: "It's fresher, more nutritious, tastes better and often has a longer shelf life." Rooftop gardening offers advantages ("There are few weeds, which means no pesticides, and we don't worry about rabbits") and puts wasted space to use. Even the containers—whiskey barrels, pickle buckets, a pair of worn out mixing bowls—are recycled.

Traver wants to acquire 25 percent of ingredients locally, but because campus cooking is a large-scale operation (Mrs. E's uses 50 pounds of

cucumbers in a day) it may take a while to meet that goal. "The infrastructure is not there yet," she says. "But be patient; we're trying."



It'll happen. All it takes is parsley, sage, rosemary and time.

Heard by the Bird

Mail call

erbatim text of actual e-mail received Nov. 5 at the Alumni Association:

Dear head of the board, or principal, of the University of Kansas,

Would you require a organisation transfer agent for finding a suitable buyer for the Univesity, if on the market. Interested in the Kansas Jayhawks, basketball team or for a suitable sale of alone the basketball team: Kansas Jayhawks, which was in association with the inventor of basketball?

Whom owns the university, or is it run by the United States, or privately run.?

Act as a freelance.

[Name deleted] of the Super Company—in Research.

West Yorkshire

United Kingdom

[PS:] Please file me for future reference regarding these matters.

All the best. And have a

Merry Christmas. Soon

3-2-I pupate!

When space shuttle Atlantis blasted off from **Kennedy Space Center** Nov. 16, the cargo included 30,000 pounds of gear for the International Space Station, a scarf worn by aviator Amelia Earhart and three caterpillars from KU's Monarch Watch.

The monarchs' mission: To

boldly go where no butterfly has gone before, and help scientists learn how the species, which relies on gravity to transform from larva to adult, handles near weightlessness.

"We hung on every e-mail message and image that came in, waiting to see what happened next," says Orley "Chip" Taylor, professor of ecology and evolutionary biology and Monarch Watch director. "It was one small drama after another."

Also watching were schoolchildren who received 600 Monarch Watch rearing kits so they could compare the progress of their specimens to NASA's astropillars. Everyone got a lesson in the species' limitations and capacity to deal with adversity, as all three monarchnauts formed a chrysalis and emerged as adults. Two successfully extended their wings.

"In a lot of ways they exceeded my expectations," Taylor says. "This butterfly blows me away, because it has such incredible capabilities."

Truly a flight of fancy for a fanciful flyer.

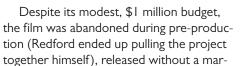
Uphill trek for 'Downhill Racer'

nce a year for the past 15 years, lim McMullan pestered Paramount Studios execs about releasing "Downhill Racer" on DVD. The invariable reply: "We'll get

around to it. Maybe next year." Next year finally came in late 2009, when Criterion Collection released the 1969 Robert Redford film on DVD.

McMullan, a'61, who played 5 an affable ski team favorite baffled by Redford's selfcentered superstar racer, recalls two glorious winter months shooting the film in

Kitzbuhel, Austria, and Wengen, Switzerland, followed by two more weeks at Redford's newly acquired ski mountain, Sundance, in Provo, Utah.



keting push and quickly pulled from theatres. Redford explains on the DVD that the sour experience factored into his creating the Sundance Institute to foster independent filmmaking.

McMullan hopes the DVD draws new audiences to the film's portrayal of a win-at-allcost mindset that was, in 1969, just beginning to dominate

American sports.

"What we saw in Redford's character is what we now see from athletes every day," McMullan says from New Jersey, where he



■ McMullan and Redford

writes inspirational books and eagerly awaits deliveries of DVDs to watch before submitting his Academy Awards ballot. "I think people didn't really know what to make of it then, but they sure would now."



Hilltopics BY STEVEN HILL



■ HOPE recipient Matthew Buechner (with fellow nominee Kerry Benson, left, and Chancellor Bernadette Gray-Little) was shocked to realize he'd won the prestigious teaching award when the announcement was made Nov. 14 at Memorial Stadium. "I remember seeing the TV camera and thinking, 'Why are they pointing at me?' It was completely unexpected."

Seriously fun

HOPE winner finds the best way to teach heavy concepts is to lighten up

o help undergraduate students in his "Fundamentals of Microbiology" class understand the hard-to-grasp role of a ribosome, Matthew Buechner uses a prop that's big enough to illustrate how the tiny particle manufactures cell proteins in a way that even those who sit in the back row of a 500-seat lecture hall can't fail to see.

"I have a big refrigerator box that I dress up as a ribosome, and I bring that out and pull 15 or so students from their seats to play different roles in the process," says Buechner, associate professor of molecular biosciences. "Getting students out of their seats helps, and having a big visual image really helps them understand the concept. I get to act silly and the students enjoy it; you can see them perking up because they want to know what's going on."

His use of visual demonstrations and humor to teach students the serious fundamentals of microbiology helped earn Buechner several teaching awards, including a Kemper Fellowship for Teaching Excellence in 2006. But his latest award—the Honor for an Outstanding Progressive Educatorstrikes him as particularly special.

"It means a lot to me that it's voted on by the students," he says of the HOPE award, which solicits nominations from seniors. The six faculty members with the most nominations are then interviewed by representatives of the Board of Class Officers and its Senior Advisory Board. Winners receive a monetary award and their names are recorded on a plaque displayed in the Kansas Union. The HOPE was established by the Class of 1959 and is the only award for teaching excellence given exclusively by students.

Buechner says his class consists mostly of sophomores, most of them pre-med or pre-pharmacy students.

"It really floors me that students would remember two years later and feel they got a lot out of

the class," he says. "Knowing these were seniors who voted really means I've given them something they can use and they remember."

Buechner joined the KU faculty in 1998 and drew his first nomination for a teaching award that same year. He recalls sitting in on a fall class that he would teach the following spring.

"I remember thinking of the lecturer, 'Why is he telling them that? Everybody knows that.' Then I see every student furiously writing the stuff down, and I thought, 'Oh, that's right; they're 18. They don't know that!' It's a common problem for new professors. You have to remember that students are bright, they can get it, but they're also naive."

Buechner says his goal is not for students to memorize the course content, but to get them to be independent and think about the material. That's where humor often comes in handy.

"My basic philosophy is to approach the material and the students with respect and to have fun doing it. Respect, but not reverence. We can laugh, but it's all meant for a goal of learning and appreciating this material and

how science is done."

In addition to the 300-student survey course, Buechner teaches graduate classes and works with students from high school to grad school in his Haworth Hall lab, where his own research focuses on epithelial cells that determine the structure of organs and help determine organ function. He sees teaching as a natural extension of that research.

"Teaching is very important to me," Buechner says. "Science's goal—the goal of all academics, really—is to discover new things and to communicate those discoveries to people. Teaching, to me, is communicating to students."

Chancellor Bernadette Gray-Little presented the HOPE award at Memorial Stadium during the Kansas-Nebraska game Nov. 14. Joining Buechner for the on-field announcement were the other five finalists: Kerry Benson, '00, lecturer, School of Journalism; Mark Gerard Haug, l'98, teaching fellow, School of Business; Diane Nielsen, associate professor of teaching and leadership; Misty Schieberle, assistant professor of English; and Kelly Welch, '90, teaching fellow, School of Business.

"It was a huge honor and really unexpected," Buechner says. "I guess I kind of swooned, based on the pictures I've seen. I don't remember much, but it was really exciting."

Keeper of the peace

Chancellor who led KU in turbulent Vietnam War era dead at 81

aurence Chalmers, who served as KU chancellor during the University's most tumultuous period, died Nov. 24 in Durango, Colo. He was 81.

Chalmers succeeded Clarke Wescoe in 1969 and resigned under pressure from the Board of Regents in 1972. His brief tenure spanned an era of student protest that was marked by several incidents of violence. In 1970 an arson fire burned the Kansas Union, a bomb exploded in Summerfield Hall and a student and former student were shot dead during confrontations between youths and local police.

His defining moment as chancellor came in May 1970, when he called a mass meeting of students and faculty in Memorial Stadium. On May 4, four Kent State University students had been killed and nine wounded when national guardsmen opened fire during an anti-war rally on the Ohio campus. Plans were underway for a nationwide student strike to protest the killings, and tensions on the KU campus were high.

"He took a voice vote on whether students could take the grades they had at the time and leave, or take their finals to try to improve their grades," recalls Chancellor Emeritus Del Shankel, then professor of microbiology and associate dean of arts and sciences. "He gave students an option of leaving right away, given all the tensions in Lawrence, and of course that vote passed by a massive majority."

That decision and others made Chalmers unpopular on campus and off.

"There were many citizens around the state, including some members of the Board of Regents, who thought he was way too soft on students and way too liberal," Shankel says. "There were others who thought he was handling things as well as they could be handled, given the different difficult circumstances the University was in at the time."

David Awbrey, c'71, g'72, protested the Vietnam War at KU and was elected student body president in 1969 on a dissident-activist platform. He saw firsthand the calming effect of Chalmers' decision.

"He saved KU. I can tell you, for a fact, there would have been violence on that campus if he had not basically closed the school down," Awbrey says. "That campus would have blown

"Chalmers saved KU. I can tell you, for a fact, there would have been violence on that campus if he had not basically closed the school down."

—David Awbrey



■ Chalmers' 1970 decision to put early dismissal to a vote won approval from a majority of students and was credited with defusing tensions on campus, but it cost him the support of some members of the Board of Regents and many faculty members and alumni.

Hilltopics

Back to school

Revisit your college days without the stress of tests and term papers at the second-annual Mini College, May 24-28. A weeklong campus immersion with lectures, tours, community and social events, and options for on-campus housing, Mini College, sponsored by the College of Liberal Arts & Sciences, is open to all adults, not just KU alumni. Visit www.minicollege.ku.edu or call 785-864-1767. up, and KU's reputation would be as another Kent State."

Chalmers was under pressure from both the left and right extremes of the political spectrum, Awbrey says, because both wanted confrontation. Student radicals wanted a crackdown because it would prove their argument that society was repressive. Conservatives wanted "to teach the students a lesson," Awbrey says.

"He wouldn't do it. People did everything they could to provoke him, even occupied his office, but he never called the police. I never saw him get angry. He would invite them in and they'd sit around and talk."

Awbrey spent hours in conversation with the chancellor during his time at KU. He remembers him as an open, humorous man who used his authority with a light touch.

"He never made you feel like you were just some little student and he was a great authority figure. He did not stand on formality. I remember several pretty rough meetings with students. He'd sit and listen and take some pretty hard shots, which a lot of people in his position would not have done.'

Shankel, who twice served as interim chancellor, believes a leader with a firmer, more autocratic approach could have left the University worse off.

"I think we had the potential for things to really explode here, which they might have under a different leadership style. I think his back-

Oread Avenue Adams Alumni Danforth Chapel Louisiana St Ohio St ≶ Tennessee St 14th 13th St Kentucky St Vermont St South Park St Massachusetts St

ground in psychology was probably important to his understanding of how to deal with those issues, and probably brought us through that period about as well as we could have been."

Chalmers went on to serve as president of the Art Institute of Chicago and later as president of the San Antonio Museum Association before moving to Durango in 1993. There he joined the Durango Choral Society and volunteered part time as a park ranger at Aztec Ruins, helping with conservation projects and teaching tourists about local Native American cultures.

"I would like to remember him as a strong leader who supported student issues and led the University with dignity and grace through a very difficult time," Shankel says.-



■ Elise Higgins led the drive for safe passage between campus and downtown Lawrence. Top right: Proposed primary (blue) and secondary (red) routes for a lighted walking path.

A road more traveled by

Project aims to boost student safety by lighting the way downtown

student-led effort to blaze a safer path between campus and downtown gained momentum this fall as city leaders threw their support and expertise behind the half-million dollar proposal.

Elise Higgins, community affairs director for the Student Senate, is spearheading the effort to improve street lighting and provide safe crossing at two busy intersections. She began the project because of her concern about the level of sexual assaults and other violent crimes on and around campus.

The goal is to establish a main route that all students will use.

"Ultimately, we hope this path will draw more people to it and create more foot traffic," says Higgins, Topeka senior in political science and women's studies. "That increase in the numbers of people should create more safety."

The proposal calls for enhancing visibility along the entire route by installing 4-foot-high motion-activated LED lights every 20 feet. Two pedestrian-controlled crosswalks would allow walkers to stop automobile traffic where the path crosses Kentucky and Tennessee streets. New sidewalks would be poured and steps would be replaced with ramps, to make the entire route ADA-compliant.

The project would actually outfit two routes: The main path would run east from Oread Avenue along 12th Street to South Park, then along a sidewalk that crosses the park diagonally to Massachusetts Street. A secondary path would follow 14th Street from campus to Ohio Street, then travel north along Ohio to connect with the 12th Street path.

Higgins says surveys of students identified 12th and 14th streets as the most popular routes to downtown. The proposed path would take advantage of city rights-of-way along those streets and accommodate students in scholarship halls, greek houses and the GSP and Corbin dorms. Higgins also says those routes are the most amenable to members of the Oread Neighborhood Association and others concerned with maintaining the historical integrity of the neighborhood.

The estimated cost of the path is \$530,000. Mark Thiel, assistant public works director for the City of Lawrence, says the city applied this fall for a \$200,500 Community Development Block Grant and a \$175,000 Transportation Enhancement grant—both construction grants. The city has allocated \$50,000 and will handle the design in-house, Thiel says. Higgins has also secured \$120,000 from the Student Senate and the Campus Safety Advisory Board.

According to Thiel, if both grants come through, construction could begin in August, with a completed path by the end of 2010. If only one grant is awarded, the city will build the 12th street route alone.

Visitor

Speaker in the house

ormer House Speaker Newt Gingrich appeared on campus as the inaugural Robert I. Dole Distinguished Visiting Fellow.

WHEN: Nov. 4

WHERE: Dole Institute of Politics

BACKGROUND: Elected to House of Representatives from Georgia in 1978, Gingrich in 1994 helped engineer the Republican Party's Contract With America and its successful bid to capture a majority in the House for the first time in 40 years. He served as Speaker of the House from 1995 until he resigned from Congress in 1999.

ANECDOTE: Gingrich visited the Dole Institute's Pizza and Politics student mixer at

the Adams Alumni Center. dropped in on "a truly bizarre course" on conspiracies and paranoia and enjoyed a "relaxing" visit to the Natural History Museum, which he said "may be the best university natural history museum in the United States."

QUOTE: "I think there are three large questions that are going to fundamentally decide the future of America. The first is, 'Who are we?' The

second is, 'How do you create prosperity while competing with China and India?' And the third is, 'Who wants to hurt us and how do we keep America and our allies safe?' I think you have to start there, because how you answer those three actually tells you a whole range of secondary answers ... a fundamental vision of the values that define us as a country."

"We either become a country endowed by its creator with certain inalienable rights—life, liberty and the pursuit of happiness—or we become a secular, socialist European state."

—Newt Gingrich



Hilltopics

EDUCATION

Teaching program reduced to four years under new plan

A proposal now being developed by the School of Education will refashion the current five-year teacher preparation program to a four-year model by 2011.

The move is in response to many developments in the state and nation, including rising tuition and tightening budgets, teacher shortages, changing demographics and a marked increase in the options open to students seeking certification.

"We have a good program and we produce good teachers," says Rick Ginsberg, dean of education. "We've had a model in place now for 25 years, and we're proud of that program. But a lot has changed in teacher preparation, which makes this a good time to take a hard look at what we offer."

Under the current model, students earn a bachelor's degree in four years, but must complete a fifth year, fulfilling credits toward a master's degree, before earning certification. The new model will award certification after four years, and the school is considering a program that would allow students to complete a master's degree in a year and two summers.

"The idea is to leave the decision about the fifth year up to the student," Ginsberg says. "Our hope is to have as many people as possible get the baccalaureate degree, get the license and decide to stay for the master's degree."

Specific changes are still in the planning stages, but Ginsberg says care will be taken to integrate the best of the current program into the new model. Reductions in coursework are likely, and planners are trying to maintain the extended field experience students now get. Among the new elements under consideration is a proposal to equip every graduating student to complete an endorsement in English for speakers of other languages (ESOL).

The school has begun communicating with students, teachers and others in the



Ginsberg

education field about the change, and will share more information as specifics become available.

"A lot of people might not be real happy about considering this, because we're good at what we do," Ginsberg says. "But we can be good at what we do in four years."

A lison Donnelly, g'10, a fourth-year doctoral student in medicinal chemistry from Grand Island, N.Y., this fall became one of II graduate researchers in the nation to receive a \$26,000 fellowship from the American Chemical Society for her research. Donnelly, who works with Brian Blagg, associate professor of medicinal chemistry, is conducting research on a key protein that plays a central role in the proliferation of cancer cells.

"It's responsible for controlling a lot of different proteins in the body," Donnelly says, "and the numerous proteins controlled by this one overpowering protein are all involved in different pathways that lead to cancer. So if you can knock out the master protein you simultaneously disrupt many pathways that lead to cancer."

The fellowship will further her goal of discovering drug therapies that can inhibit the protein, slowing the spread of cancer in patients with the disease.

"At this point we are refining, trying to get the appropriate potency and availability for a drug you can give to a human," Donnelly says of the lab's work. "So it's not too far off, I think."



Ecumenical Christian Ministries, a Mount Oread landmark for students and the University community since 1959, this fall was added to the National Register of Historic Places.

The move, spearheaded by Tom Harper, s'92, Lawrence real estate agent and founder of Lawrence Modern, and Leslie Tuttle, assistant professor of history, was part of a larger bid to preserve the building, which hosts church services, lectures, forums and student events like the popular Veggie Lunch.

In 2007 the Senate of Mid-America Presbyterian Church (USA) donated the building to the local ECM board. The board has set a goal of raising more than \$800,000 for needed renovations.

Thad Holcombe, ECM campus minister, says the building was noted not only for its iconic modern design, but also for its historical role as a "safe place" for sociopolitical movements in the 1960s

continued on page 17





Donnelly



Be the difference for KU

A charitable bequest to KU Endowment in your will or trust is a powerful expression of your faith in the university. Bequests can create permanent scholarships to benefit future generations of Jayhawks. Whatever your greatest passion at KU, your bequest can support any academic or program area.

Please remember KU Endowment in your will or trust.

To include KU Endowment in your estate plans, the recommended legal language is: "For the benefit of The Kansas University Endowment Association."



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continued from page 14 and '70s. The building was frequently used by the February Sisters and other campus organizers, Holcomb says.

RESEARCH

\$6 million NIH contract funds **KU** effort to enhance vaccines

The National Institutes of Health has awarded KU a \$6.85 million research contract for a five-year effort to improve the effectiveness of vaccines and ensure their safe delivery.

Led by Sunil David and Apurba Dutta, '95, associate professors of medicinal chemistry, the project builds on KU research to identify specific chemical agents called adjuvants that trigger human immune system responses that can boost the potency of vaccines.

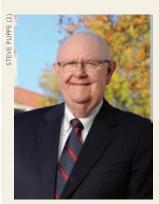
"The search for additional effective adjuvants is important and timely," says David. "Taking smaller doses of a vaccine allows patients to develop immunity to a pathogen more effectively while stretching the vaccine supply further. That gives more people greater access to potentially lifesaving vaccines."

KU is one of six universities in the nation to receive a five-year award for the work, which will involve researchers in medicinal chemistry, genomics and many other fields.



David

Milestones, money and other matters



Hemenway



Shankel

- TWO FORMER CHANCELLORS will have buildings named for them. The Kansas Life Sciences Innovation Center at KU Medical Center will be named the Robert E. Hemenway Life Sciences Innovation Center in honor of Hemenway's success in promoting life science research during his 14-year tenure as chancellor. The Structural Biology Center on West Campus will be named the Delbert M. Shankel Structural Biology Center in honor of Shankel's 50 years of leadership, teaching and scholarship at KU. Shankel, who began his University career in 1959 as an assistant professor of microbiology, was granted chancellor emeritus status after the second of his two terms as interim chancellor.
- A \$4.97 MILLION GRANT from the U.S. Department of Energy will allow the Kansas Geological Survey to study the feasibility of storing carbon dioxide underground in largely depleted oil and gas fields in south-central Kansas. The three-year project, funded as part of the American Recovery and Reinvestment Act, is the largest grant in the survey's history.
- A \$2.5 MILLION GIFT from the estate of Paul Brooker, c'31, will provide unrestricted scholarship support for KU students. Brooker, who died in 2000, and his wife, Mildred Hoffman Brooker, c'31, who died in 1991, were longtime supporters of KU. The bequest took effect in 2009 after the death of Paul's second wife, Virginia Brooker.
- CAROL HOLSTEAD, associate professor of journalism, is the winner of the 2009-'10 Budig Teaching Professorship of Writing. The award, established by former Chancellor Gene A. Budig, carries a \$5,000 stipend and alternates each year between the School of Journalism and Mass Communications and the School of Education. As part of her professorship, Holstead will give a lecture this spring on the importance of teaching writing.
- UNIVERSITY OF KANSAS HOSPITAL enjoyed a record fiscal year in 2009, setting new highs in the number of patients treated and operating revenue. Inpatient treatment rose by 8 percent, to 24,209, while outpatient care topped 337,000 patients. The hospital saw patients from every Kansas county and all 50 states. Operating revenue reached \$750 million, up 12 percent from 2008. The hospital also received several accolades for quality of care, including a ranking of No. 2 nationally for overall patient care and quality from the University HealthSystem Consortium.



DON WORSTER, c'63, g'64, the Joyce and Elizabeth Hall Professor of U.S. History, accepted the Saltire Society homecoming literary award from Scotland's Minister of Culture Nov. 30 in Edinburgh for his biography of John Muir. A Passion for Nature: The Life of John Muir, published by Oxford University Press, also won the Ambassador Book Award from the English Speaking Union of the United States, KU's Byron Caldwell Smith Book Award and was named one of the Washington Post's best books of 2008.



Sports

Turner Gill, whose daughter Jordan was already a sophomore on Mount Oread when he accepted the football job in December, cites "a tremendous alumni base" and "students who are passionate about athletics" as two qualities he particularly admires about KU.



Calm after the storm

Football turns to Turner Gill after strange season of losses, accusations

hat was unexpected at the time still seems almost inconceivable. After sweeping the nonconference schedule and narrowly holding off Iowa State in the Big 12 opener, KU did not win another football game in 2009.

Expected to vie for a division title, KU instead finished last, 5-7 overall and 1-7 in the Big 12.

Senior quarterback Todd Reesing, who threw for more than 10,000 yards in his career and owns nearly every school record for passing and total offense, was actually benched during the second half of KU's 42-21 loss at Texas Tech. and his last play as a Jayhawk was a safety by Missouri. The Tigers pulled within one on the play, then chewed up the remaining 2:45 before kicking the game winning, 37-yard field goal as time expired Nov. 28 in Arrowhead Stadium.

Fights between members of the men's basketball and football teams rocked campus Sept. 22 and 23, in the midst of preparations for KU's game against Southern Mississippi—after which the vibe around the football program never again really felt the same—and eighth-year coach Mark Mangino, consensus National Coach of the Year in 2007, closed out the final weeks of the season under investigation by the University, for charges that he allegedly had mistreated players.

Though star players vocally supported Mangino, and no evidence of misdeeds was brought forth publicly, the coach accepted a \$3 million contract buyout and resigned five days after the crushing, 41-39 loss to Missouri.

"I'm going to tell you, how I coach is how I coach," a defiant Mangino said, facing relentless questions about his own job status rather than the exciting Mizzou game or a heartbreaking end to KU careers for, among others, Reesing, receivers Kerry Meier and Dezmon Briscoe (a junior who, as expected, left for the NFL draft), safety Darrell Stuckey and running back Jake Sharp (who revealed after the finale that his early-season injury was, in fact, a broken bone in his lower leg). "Ninety-nine percent

of the kids here appreciate it."

Ten days later, Athletics Director Lew Perkins introduced the man he had chosen to get KU football's house back in order: none other than an old-school Jayhawk slayer, Turner Gill.

Yes ... that Turner Gill. The legendary former quarterback whose Cornhuskers outscored KU 150-28 from 1981-'83; the protégé of Tom Osborne, former coach and current Nebraska athletics director whose teams beat KU 25 straight times, by an average margin of victory of 38 points.

And perhaps the most shocking part of all? Gill looks *great* wearing a KU cap and Jayhawk lapel pin, and in his first public pronouncements as KU's head football coach, he sounds even better, especially after the Jayhawks endured such a tumultuous season.

"Tom Osborne is a mentor of mine." Gill says. "He thought this would be a great fit for me. He said, 'I can see you there at Kansas, doing a very good job.' He was, as always, a person of very good advice."

Gill comes to KU after four seasons as head coach at University of Buffalo, a school that had won more than two games just once in the seven seasons before his arrival. In Gill's second season. the Bulls won a share of the Mid-American Conference's Eastern Division title; the following year, 2008, the Bulls won the MAC championship and made the school's first bowl appearance.

Gill was named MAC coach of the year in 2007 and '08, and was a finalist for national coach of the year in '08.

A Heisman Trophy finalist in 1983 (when teammate Mike Rozier won the award), Gill was a three-time All-Big Eight selection and was named quarterback of the Big Eight's All-Decade Team.

He spent three years playing minorleague baseball with the Detroit Tigers and Cleveland Indians, and got back into football in 1989 as a volunteer coach at North Texas. He spent 1990 as a graduate assistant at his alma mater, and in 1991 was named wide receivers coach at Southern Methodist. The following year he again returned to Nebraska, where he coached the quarterbacks until 2002. In 2003 he was named assistant head coach and in 2004 he coached the wide receivers. In 2005 he worked as player development director for the Green Bay Packers, and in 2006 took over at Buffalo.

While at Nebraska Gill coached 2001 Heisman Trophy winner Eric Crouch and All-American Tommie Frazier. He was a finalist for the Frank Broyles Award, recognizing the nation's top assistant coach, in 2002, and he was named a top 10 recruiter by ESPN.com in 2000 and '01.

He immediately named Chuck Long his offensive coordinator and Carl Torbush his defensive coordinator. Long, the Big Ten Player of the Year at Iowa in 1985, had been head coach at San Diego State from 2006 to '08, following four seasons as offensive coordinator at Okla-

"[Tom Osborne] said, I can see you there at Kansas, doing a very good job.' He was, as always, a person of very good advice."

—football coach Turner Gill

homa. Torbush, formerly head coach at Louisiana Tech and North Carolina, last season was defensive coordinator at Mississippi State. Torbush previously spent five seasons as defensive coordinator and linebackers coach at Alabama and Texas A&M

Gill says he will run some spread offense, but also will use a fullback or two running backs. On defense he'll play four linemen and three linebackers, with an attacking style to create turnovers.

He plans to recruit "speed, athleticism, physicality and passion," but, above all, Gill values character.

"I'm going to teach them to visualize excellence. They have to visualize how to do things in a proper way. Our coaching staff will teach those life skills and life strategies on and off the football field."

Says Perkins, "He has brought every possible ingredient that I felt we needed at this particular time at this particular university. It was kind of like a puzzle, looking for that last piece, and Turner fit that piece, there's no question about it."

Players who attended Gill's introductory news conference were unified in their hope that, after the inglorious season past, Gill's calming influence will return the program's focus to football

"It's kind of disappointing," said freshman running back Toben Opurum, "that we have to wait so long for football season to come back around.

And for those Jayhawks disappointed about handing the program to a longtime conference rival, keep in mind that a certain former Oklahoma State guard has done OK with men's basketball.

-Chris Lazzarino

By the numbers

A rundown of the *Jayhawks'* nearly perfect pre-conference showing

nbeaten and atop the polls until their Jan. 10 loss to Tennessee, the Jayhawks fell just one win short of a perfect nonconference record, and, as of press time, already had compiled some noteworthy numbers.

88: KU has held 88 consecutive opponents to under 50 percent shooting. The



 Highly touted recruit Xavier Henry is living up to his billing, with a starting spot in coach Bill Self's lineup.

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Sports



For the second straight year, senior Sherron Collins has been named a finalist for the Bob Cousy Award, which is given annually to the nation's top point guard.

last team to shoot more than 50 percent against the Jayhawks was Louisiana-Monroe on Nov. 9, 2007-the first game of the 2008 national championship season.

- **51:** With KU's close win over Cornell Jan. 6 in Allen Field House, the Jayhawks extended the nation's longest home winning streak to 51. Under the leadership of coach Bill Self, KU has a lopsided record of 106-6 on Naismith Court.
- **33:** During halftime of the KU-Cornell game, the Jayhawks found themselves in unfamiliar territory-trailing their opponent. Senior leader Sherron Collins responded to his team's need for a second-half spark and finished the game with several new personal bests, including 33 points. His performance marked the most points by a Jayhawk since Julian Wright scored 33 at Missouri on Feb. 10, 2007.
- 32: In their second road game, the Jayhawks traveled to the East Coast to face the Temple Owls Jan. 2. The matchup was the team's first meeting with a nationally ranked opponent. The visitors defeated Temple by 32, snapping the Owls' seven-game winning streak and marking the largest margin of victory in the Bill Self era for true road games, as well as the largest true road win by KU since Jan. 7, 1995.

30: The 84-52 defeat of Temple was

the eighth of Kansas' 14 nonconference victories won by a margin of 30 points or more. KU's most closely fought wins were over Memphis Nov. 17 (57-55) and Cornell Jan. 6 (71-66).

- 27: Xavier Henry's 27 points in the season opener set a freshman career debut record. The previous record was held by Norm Cook, who scored 21 vs. Murray State in 1973. Henry's 15.7 points per game makes him the first freshman to lead KU in scoring since Brandon Rush's season with 13.5 points per game in 2005-'06.
- **13:** After entering his senior season 25th on KU's all-time scoring list, Collins has climbed the rankings to No. 13, with 1,564 career points. He also recently became only the fourth KU player to attempt more than 500 career 3-pointers.
- 9: Self has established a regular nineman rotation this season. Starters Xavier Henry, Sherron Collins, Tyshawn Taylor, Cole Aldrich and Marcus Morris have ready support from Markieff Morris, who

is typically the first player off the bench, along with juniors Tyrel Reed and Brady Morningstar, and freshman Thomas Robinson. The KU bench outscored that of its nonconference opponents, 388-204.

- 7: Seven players have led KU in scoring, while nine have led the team in steals and six in assists.
- **3:** After falling to Tennessee in its final nonconference game of the season, 76-68, KU dropped from its top rank in the polls to No. 3.

Self blamed the loss on insufficient "toughness, poise, competitive juice, a lot of things." He explained matter-of-factly, "They outplayed us without question. Total lack of us being 'as one' today."

Heading into some of the toughest conference competition Self has seen to date, the Jayhawks will need to regain their "oneness" to reach another notable number: 6-that is, six straight Big 12 regular-season titles.

-Katie Coffman

Updates

Vomen's basketball concluded nonconference play ranked No. 24 at 10-3. Senior guard-forward Danielle McCray averaged 20.8 points, and freshman guard Angel Goodrich, lost to injury all of last season, led in assists with 7.7 a game. ...

Junior infielder Tony Thompson, who last year won the first Triple Crown in Big 12 history by leading the league in batting average (.389), home runs (21) and RBI (82), is one of six returning position starters. Also back are junior outfielder Brian Heere, who hit .364, and junior T.J. Walz, who struck out 88 in 82 1/3 innings. Next door to Hoglund Ballpark, Arrocha Ballpark wel-



Goodrich

comes first-year softball coach Megan Smith. ... Freshman thrower Mason Finley hit the NCAA provisional qualifying mark by winning the shot put at the Dec. 5 Bob Timmons Challenge with a throw of 19.1 meters. Senior Keith Hayes also won with an NCAA mark, taking the 60-meter hurdles in 7.91 seconds. Senior All-American pole vaulter Jordan Scott won the Jan. 8 Bill Easton Classic with a vault of 5.2 meters. ... Senior quarterback Todd Reesing was named first-team Academic All-Big 12 for the third time. ... After falling in the first mile, senior Lauren Bonds recovered to finish 61st at the NCAA Cross Country National Championships Nov. 23 in Terre Haute, Ind.

Sports Calendar

Men's basketball

JANUARY

25 Missouri

30 at Kansas State

FEBRUARY

3 at Colorado

6 Nebraska

8 at Texas

13 Iowa State

15 at Texas A&M

20 Colorado

22 Oklahoma

27 at Oklahoma State

MARCH

3 Kansas State

6 at Missouri

10-13 at Big 12, Kansas City

Women's basketball

JANUARY

27 Colorado

30 at Missouri

FEBRUARY

7 Kansas State

10 Nebraska

13 Texas

16 at Colorado

21 at Texas Tech

25 Iowa State

28 at Baylor

MARCH

3 at Nebraska

6 Texas A&M

II-I4 at Big 12, Kansas City

■ Track & field

JANUARY

29 Jayhawk Invitational

FEBRUARY

5-6 at Husker Invitational

12-13 at Tyson Invitational, Fayettville, Ark.; and at ISU Classic **26-27** Big 12 Indoor, at ISU

Swimming & diving

JANUARY

23 South Dakota, Northern Iowa

FEBRUARY

5-6 at Iowa State

24-27 Big 12, at Texas A&M

Softball

FEBRUARY

12-14 at Marriott Hobby, Houston

19-21 at Lipton, Gainesville, Fla.

26-28 at Frost, Chattanooga, Tenn.

MARCH

6-7 at Coach B, Carbondale, Ill. **11-13** KU Invitational

Men's golf

FEBRUARY

15-16 at Rice Intercollegiate

MARCH

8-9 at Louisiana Classics, Lafayette

Women's golf

FEBRUARY

21-23 at Kiawah Island, S.C.

MARCH

3-7 at Rio Verde, Ariz.

Tennis

JANUARY

30 at Drake

FEBRUARY

5 Notre Dame

IO UMKC

13 Iowa, South Dakota

21 at Tulsa

27 at New Mexico

28 at Texas-El Paso

MARCH

6 at Tulane

7 at New Orleans

Baseball

FEBRUARY

19-21 Eastern Michigan

23 Wichita State

26-27 vs. Sacramento State, Gonzaga, at Peoria, Ariz.

MARCH

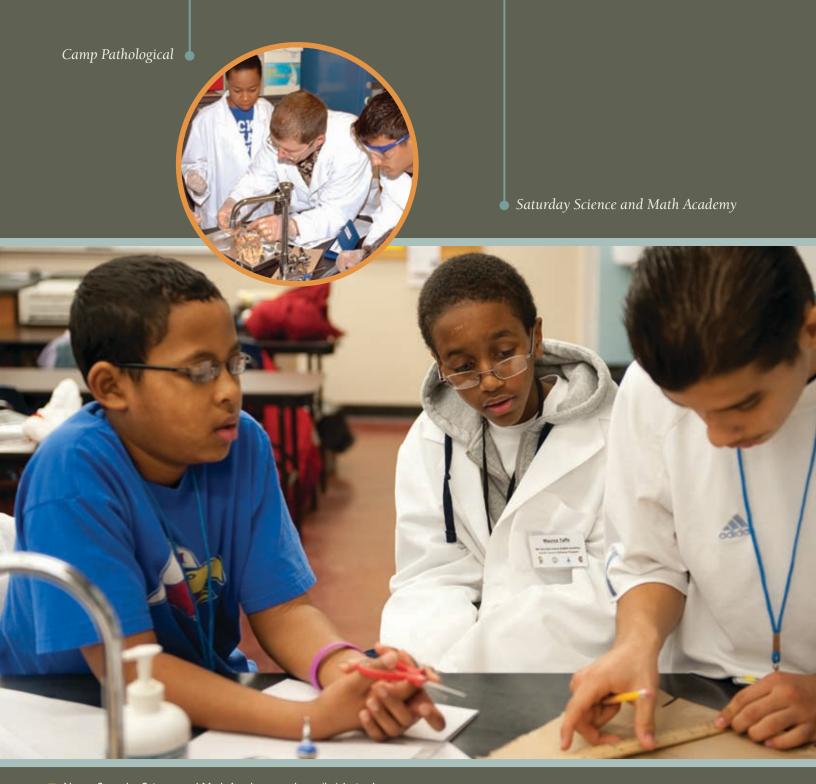
2 at Arkansas

5-7 Iowa

10 Tabor



Jim Doepke, d'74, played "The Star-Spangled Banner" before the KU-California men's basketball game Dec. 22 in Allen Field House. Also known as "Mr.Trumpet," Doepke is a regular performer at Milwaukee Brewers' baseball games and is on a quest to play the anthem at every Major League stadium.



■ Above, Saturday Science and Math Academy students (I-r) Jarius Jones, Maurice Taffe and Cirilo Garcia work on a test of insulation properties of houses. At top, Camp Pathological faculty (I-r) Ehi Ighalo, a KU pre-med student, and community college chemistry professor Ed Kremer teach high-school junior Jose Rosales how to dissect a rat. At right, Media Project instructor Michael Toombs (I-r) and high-school students Curtis Smart and Jakelyn Cervantes create health-related videos and public service announcements.

Medicinal Purposes

MEDICAL CENTER GUIDES YOUNG STUDENTS TOWARD CAREERS IN HEALTH CARE

aurice Taffe hunches over a lab station with fellow middle schoolers, rapidly bending a wire back and forth to see how motion causes heat.

Jakeline Cervantes huddles around a table with other high school students, creating a video encouraging bone marrow and adult stem cell donations.

Ehi Ighalo graduates in May with a biology degree from the University and is preparing to take the medical school admission test.

The three are among the more than 5,000 students who have participated in the School of Medicine's Office of Cultural Enhancement and Diversity pipeline programs created to encourage minority and low-income students to pursue medical or science careers.

The pipeline of free programs serves students in

elementary, middle and high schools in Kansas City, Kan.; colleges across Kansas; and KU's medical school. Most programs have existed a decade or longer. Some have served as models for initiatives elsewhere.

In addition to fostering diversity and cultural awareness, the goal is to increase health care knowledge in the community and eliminate the unequal burden of disease and sometimes disparate treatment.

"The medical school class needs to reflect the diversity of the population it's going to be taking care of, and we're not there yet," says Barbara Atkinson, executive vice chancellor of KU Medical Center and executive dean of the medical school in Kansas City. "These programs ... stimulating students to be interested in science, not just medicine, but for all the health careers ... are extremely important because we need to be sure that the very best and brightest of our kids decide to have health careers. They're great paying jobs, and there's a huge shortage of all kinds of health care workers."

Patricia Thomas, g'85, a pathologist and associate dean for cultural enhancement and diversity at the medical school, oversees all the pipeline programs.

"You have this diversity mixing bowl, and it allows people to view issues from other pairs of lenses, not just their lenses, and I think that's an important learning process," Thomas says. "I think it's important because medicine is a team sport."

Broadcast Media Project



 Maurice Taffe and instructor Fernando Estrada, a KU doctoral student, build a foam-core house, which they later lined with various materials to test insulation effectiveness.

The effort is funded by various federal and private grants and by the medical school. Afterschool, weekend and summer sessions pay students stipends and provide transportation. Some require at least a 2.8 grade point average and applications.

Since 2003, 95 percent of high school students in the summer science programs have gone on to college. More than 60 percent of those have majored in science, technology, engineering and math. More than 200 students, some of whom first signed up while in middle school, have entered medical school at KU.

Because of the "great track record" of the programs, Atkinson says, the medical school has a much higher percentage of underrepresented minorities than most medical schools. About 14 percent of the school's enrollment consists of African-Americans, Latinos and Native Americans. That is nearly three times the number at some other schools, she says.

The community partnerships forged through the programs could help ignite interest among students' families in participating in clinical trials and help focus research projects on medical needs of the community, Atkinson and Thomas say.

aurice Taffe, an eighth grader at Sumner Academy, is one of 140 middle and high school students enrolled in Saturday Science and Math Academy, which runs from 9 a.m. until 3 p.m. on 20 Saturdays during the school year at Kansas City, Kan., Community College.

The classes provide supplemental material beyond regular class work. Assessment tests gauge students' progress.

Teacher Fernando Estrada, a KU doctoral student in biochemistry, quizzes the students clustered around a lab table as the wire coat hanger experiment continues: "Now bending the wire, is that an example of motion causing heat or heat causing motion?"

"Motion causing heat!" the students respond in unison.

The students learn how to form

Doctor opens doors so others may follow

hree of her siblings died in childhood. A generous stranger nudged her to attend Harvard. And she was fascinated by two television doctors: Ben Casey and Quincy.

All of that helps explain why Patricia Thomas, g'85, is now professor of pathology and laboratory medicine and associate dean for cultural enhancement and diversity at the School of Medicine.

As a pathologist, she provides answers for patients facing the prospect of cancer or other diseases. As associate dean, she presides over programs designed to increase diversity in the medical field and eliminate health disparities.

Her parents' suffering was a huge factor in her career choice.

"It's hard to lose a child," she says, "but if you don't know why you lost a child, that's even worse."

Thomas, a Leavenworth native, craved the medical knowledge her parents didn't

A Kansas City businessman who recruited for Harvard got her started on her quest. He had followed Thomas' high school track career, seen her interviewed on television and noted her stellar academic record. He handed her a roundtrip plane ticket to visit Harvard and refused to take no for an answer. She got her biochemistry degree from Harvard, a master's in biochemistry and biology from KU, and her medical degree from New York University School of Medicine.

"I chose pathology because pathology requires you to know a little bit about everything," Thomas says.

When she's not teaching medical students or examining cells through a microscope, she's determined to create opportunities for low-income and minority children, particularly from Kansas City, Kan. The opportunities come through that pipeline of medical school

continued on page 27



"These programs ... are extremely important because we need to be sure that the very best and brightest of our kids decide to have health careers. They're great paying jobs, and there's a huge shortage of all kinds of health care workers."

—Barbara Atkinson, executive vice chancellor of KU Medical Center

a hypothesis, to collect and present data. "It's all built on the scientific method," Estrada says.

Maurice likes coming to Saturday Academy because he "learns ahead. Basically, when I go back to school I already know that stuff"

Kansas City, Kan., public school teachers; community college professors; KU medical students; and college interns teach the academy.

Camp Pathological, launched in summer 2009 for 24 high school students, aims to increase awareness of the need for health screenings and clinical trials, as well as to encourage science careers. School district and community college faculty served as teachers for the camp on the Medical Center campus; KU faculty and staff served as guest lecturers. The focus was infant mortality.

"This is an unusual experience because our high school students were here on campus ... working with medical faculty," says Marcia Pomeroy, associate director of the Health Careers Pathway Program for kindergarten through 12th grade. "When you're having that discussion on healthy labor and delivery, to have the OB/GYN faculty to actually come and speak to you, it's an amazing thing. The students really learned so much from it."

At right, Camp Pathological students (I-r) Lada Xiong and Melina Hernandez work with instructor Ehi Ighalo to dissect a rat's reproductive system, which was a key expectation of curriculum developed for the program's Infant Mortality Module. Above, Curtis Smart, Daryoush Hossaini and Jakelyn Cervantes work on music underlays for their media projects on stem cells, juvenile diabetes and obesity.

Another 10 students assisted KU faculty members with their research for six weeks this summer. Four more yearround biomedical research interns are paired with faculty researchers and medical librarians to learn how to research and to assist in curriculum development for the pipeline programs.

Jerell Cotton, a senior at Sumner Academy, is one of the biomedical research interns. He researched the male and female reproductive systems, birth defects and infant mortality to help develop Camp Pathological's curriculum. He has completed medical literature searches on Alzheimer's and sleep medications for one physician and shadowed another doctor who treats patients with Parkinson's and other neurological dis-

Cotton says he's leaning toward a career as a neurologist.

"Besides helping me with my career path," his KU experience has "helped me develop friends ... gain professional contacts, develop leadership skills through

being a mentor, and provided me with valuable knowledge about college and scholarships," he says.

n Wednesdays after school, Media Project students who attended Camp Pathological or who have done research meet at the community college. They are developing short videos and public service announcements to share their new knowledge with the community. The videos will air over a cable channel at the community college and be disseminated to public libraries in Kansas City, Kan. Eventually, the plan is to put some of the science curriculum, student research and public health messages on an existing Web site to furnish health education to





libraries statewide.

Jakeline Cervantes, a senior at Washington High School, emphasizes to her fellow Media Project group members that their video storyline must contain two important messages: "donating [bone marrow or stem cells] won't hurt you" and the donor "must be compatible with your ethnicity." Jakeline, who has been involved in pipeline programs the past two years, says her exposure to the medical field has confirmed her career choice.

"I want to be a surgeon for neonatal, more specifically neurology for newborns," she says.

Another program is the six-week summer science residential camp for 30 high school students on the KU Lawrence campus taught by the KCK and community college instructors. The aim is to strengthen science, math, English, reading and standardized test-taking skills. A two-week clinical experience is included.

Funding ran out in September for an elementary and middle school organic gardening program involving 1,100 students, but temporary grants are sustaining it while Pomeroy looks for permanent funding. It focuses on science and genetics through the cultivation of 135 raised garden beds at four elementary and three middle schools.

Mary Stewart, principal at Wyandotte High School in Kansas City, Kan., is sold on the benefits of the programs for district students.

"It provides for our students what we don't always have the time and resources to provide," she says.

College-level-and-above sessions prepare undergraduates for the medical school admission test and those accepted to medical school for the rigors of medical studies. They also help prepare students who applied to medical school but have not yet been accepted. Academic, social and financial support also are provided during medical school.

Ehi Ighalo has been a pipeline participant since the ninth grade at Sumner Academy. She plans to take the medical school admission test early this year.

"I was interested in science and I was

continued from page 24 programs designed to foster science and medical careers.

"When I became a pathologist, one of the big things in my community was, 'Black people don't do pathology. How are you going to give back to your community?' This is how I do it. I find that person who might not have gotten opportunity and make sure they have it."

She has a favorite story about one young man who went through some of the medical school's programs. He was passionate about becoming a physician. He had good grades, great leadership skills and compassion. But his medical school admission test scores were too low.

Thomas pleaded his case before the admissions committee. He got in—and made outstanding grades. Now a physician in another state, the man has offered to assist the programs that benefited him, a common response from participants, Thomas says.

Helping this young man and others reach their dreams is gratifying.

"I'm this person from Leavenworth, Kansas, whose father drove buses for the fort and whose mother was a licensed practical nurse," she says. "We didn't come from a lot of money. They didn't go to college. And you know, here I am. I feel like I need to share how I got here."

Thomas also oversees efforts to recruit a diverse class of medical students and make sure the curriculum addresses issues of culture and race that affect patients' perceptions of disease or illness and their response to treatment advice. She helps recruit a diverse faculty and make all faculty more culturally aware of an increasingly diverse patient population.

"Sometimes, if you're not culturally sensitive, the doctor is not effective," Thomas says.

And sometimes, she adds, "it's important that your doctor look like you. Sometimes, that's part of the curing process."

Sandra McCurdy, associate dean of admissions at the medical school, has worked with Thomas since Thomas arrived at the school in 1997.

"She definitely has a passion for bringing in students who we think will develop into fantastic physicians," McCurdy says, "but also for developing a faculty who will help those students be sensitive to the cultural needs of their future patients."

—M.B.H.

also interested in the medical field, but I wasn't quite sure," Ighalo says. "And so being in the program kind of helped me realize, this is what I want to do, and I need to follow these steps."

She's considering becoming either a pediatrician or an obstetrician. She shadowed a pediatrician at Swope Parkway Health Center as part of the summer science residential camp. After completing their undergraduate coursework, students who entered the pipeline program in junior high are guaranteed an interview for KU Medical School.

Kayron Kelly Bradley, c'07, a third-year medical student, is even closer to her goal of becoming a physician specializing in the treatment of newborns.

While in high school at Sumner Academy, Bradley attended the KU summer science residential session and shadowed

a physician in the neonatal intensive care unit at KU Hospital. She attended an eight-week summer program to prepare for the medical school admission test, and took an eight-week course to prepare students before starting classes at the medical school.

Without these programs, she says, "it would have been harder."

"My brother and I were the first [in the family] to graduate from college," she says. "I pretty much had no idea how you even become a physician."

But KU taught her what she needed to do to prepare and provided support.

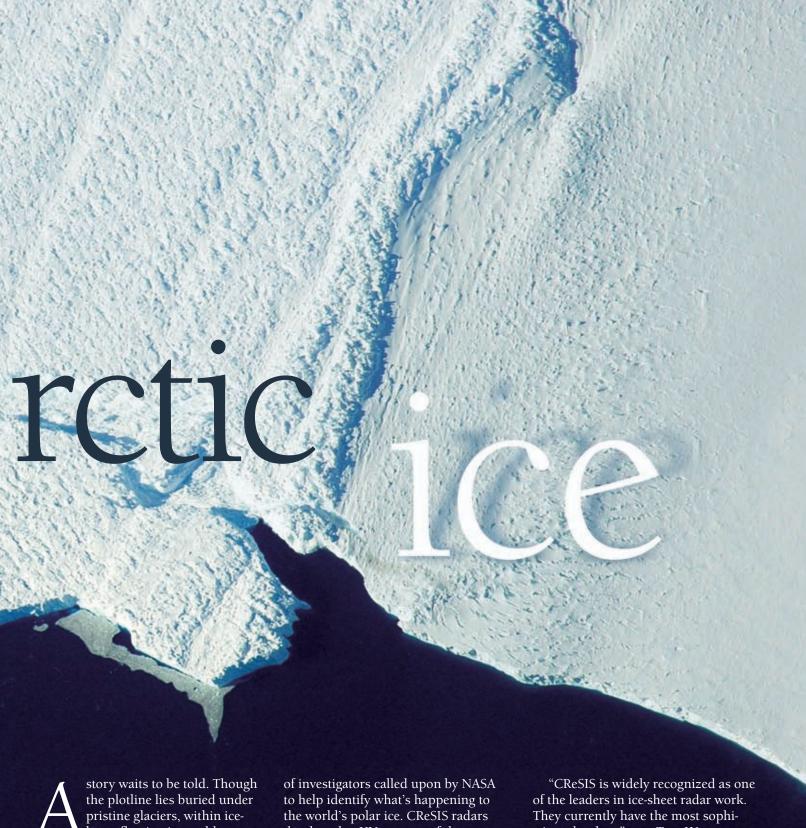
"I still know I could go back to Marcia [Pomeroy] and ask her for anything," Bradley says, "and I could go back to Dr. Thomas and ask her for anything."

-Harmon, j'72, is an Overland Park freelance writer.

STORY AND PHOTOGRAPHS BY JILL HUMMELS

KU ENGINEERS PEER THROUGH SECRETS WE ALL NEED TO KNOW

J ENGINEERS PEER THROUGH
FROZEN LAYERS TO DETECT
TS WE ALL NEED TO KNOW



story waits to be told. Though the plotline lies buried under pristine glaciers, within icebergs floating in a cold azure sea, University of Kansas engineers will soon share its cold, hard truth with the world.

Researchers from the Center for Remote Sensing of Ice Sheets, headquartered at KU, are among a select group of investigators called upon by NASA to help identify what's happening to the world's polar ice. CReSIS radars developed at KU are part of the research-instrument payload used during airborne missions over Antarctica and Greenland for Operation ICE Bridge; the data KU collects will help researchers predict sea level rise and climate change.

"CReSIS is widely recognized as one of the leaders in ice-sheet radar work. They currently have the most sophisticated radars," says Tom Wagner, cryosphere program manager of NASA's Earth Sciences Division. "And it's especially good at working on ice with crevasses and ice that is wet, and those are areas we need to work on characterizing."



Stationed this past October and November in Punta Arenas, Chile, KU faculty and graduate students spent six weeks logging marathon flights over Antarctica as the continent emerged from its harsh wintry grip. ICESat-a NASA satellite that monitors climate—is failing, and, until a new satellite can be launched in 2014, these flights provide essential information about the state of the world's polar ice.

"ICESat recently showed that some of the ice sheets lose 9 meters of ice per

year," Wagner says. "These outlet glaciers are only hundreds of meters thick."

If the current rate of loss had been constant, the ice sheets would have disappeared within 1,000 years.

"We know these have been there millions of years," Wagner says, "so we know something is happening."

The KU team, led by Chris Allen, e'80, g'82, PhD'84, professor of electrical engineering and computer science, installed three radars in NASA's DC-8 flying laboratory early in the fall semester. Typical

of the teamwork and student involvement that define the KU experience, more than 25 researchers-including six graduate students and eight undergraduate students-contributed to the radar systems' design, production and use.

The radars are but one product of CReSIS, founded in 2005 with a \$19 million grant from the National Science Foundation. The multidisciplinary, multiinstitutional center creates revolutionary measurement tools, ground-based and aerial vehicles that can operate under

■ At left are icebergs, created by Antarctic glaciers, carrying huge quantities of rock out

At right, Ben Panzer (top two photos) adjusts and tests his radar before a high-altitude flight. During the flight, Lei Shi (bottom two photos) tweaks the MCoRDS radar and reviews a display of initial radar data.

the harshest conditions, and computer models that can help predict changes to polar ice.

"I would put them in the class of pioneering instruments, giving the scientists new capability," says Allen, who serves as associate director of technology at CReSIS. "The MCoRDS [Multi-channel Coherent Radar Depth Sounder] is the only instrument on the plane that allows us to measure, directly, the thickness of the ice "

The two other KU radars will tell scientists the thickness of the snow on the ice sheets, data they've needed but haven't yet had, Allen says.

The ability to provide details such as snow accumulation makes the KU CRe-SIS team essential to the mission, Wagner says, because more snow means ice sheets may not be as robust as originally thought.

raduate students Lei Shi, e'05; Ben Panzer, e'05, g'08; William Blake, e'06; and Victor Jara traveled to Chile for the first several weeks of the Antarctic mission, and tease about cultural differences they experienced and how they missed certain flavors of home.

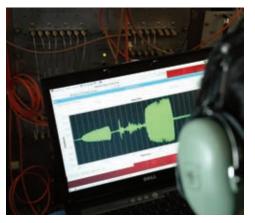
The mission required sacrifices on the part of these KU graduate research assistants: long days spent in flight, longer nights spent processing data, weeks spent far from their young families.

But the perks were considerable, too, including travel to a faraway land and a sea of blindingly bright beauty that few others will see firsthand, and the satisfaction of knowing they have contributed to









a body of knowledge that helps monitor and understand the health of the planet.

Students and faculty also earn professional bragging rights.

"The radars developed for collecting data are the best in the world for measurement over ice sheets and sea ice," says Distinguished Professor Prasad Gogineni, PhD'84, director of CReSIS. "Our team developed the antenna structure and three radars in about four months with significant contributions from graduate and undergraduate students. We are able to do this only because of long-term investments in ice-related research at KU by NSF and NASA."

Says NASA's Wagner, "It's not just the technology that CReSIS brings, it's the expertise in processing the data."

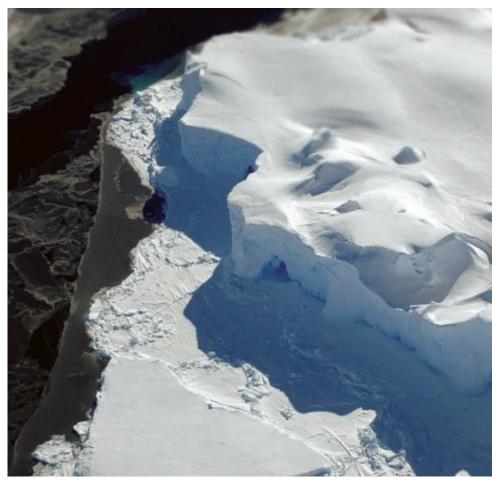
And data processing is where KU's ability to tell the story truly captivates.

e're really pumped. We're getting some good data," Allen says midway through an 11hour flight early in the mission. "A while back, we were over the ice shelf, and it was very distinct."

Then, as the jet progresses over the land formation, preliminary information made immediately available on the vibrant multicolored display becomes less clear, though reams of raw data not visible on the display are still being captured. "That's where the signal processing [back at KU] comes in," Allen says.

Allen's real-time display offers a spectrum of color, with cactus-like spikes protruding from separate layers of color. The uninitiated eye can clearly see a "surface" in the image. That is the top of the ice layer, Allen explains. The trained observer knows that the real action is found where the yellow, aqua and blue colors intermingle. More sophisticated methods and more time are needed to coax greater meaning from the data.

Even after the aircrew maneuvers the DC-8 through its flight-path labyrinth and begins the long stretch home across the Antarctic Ocean, the KU team is still



hard at work, crunching numbers and distilling facts from the high-frequency signals echoing off of snow, ice and bedrock. After lugging significant computing power onboard the plane, the team vows to deliver detailed information about ice sheet thickness by the time the plane lands in Punta Arenas.

With additional time, and the assistance of staff from Polar Grid at Indiana University, KU's CReSIS team can share with other ICE Bridge researchers chapters in the emerging narrative.





Findings from one section of flight over the continent suggest there's a special layer of ice about 1,000 feet deep, where it's likely that sulfur from a volcanic event changed the structure of the ice crystals millennia ago; that distinct layer could offer insights about changes in ice sheets over time.

Farther inland and farther down, the MCoRDS radar peered through more than a mile of ice to reveal a fjord-like channel in the bedrock that plunges well below sea level. The newly discovered channel could have been carved by ice or might have been created by a collapsed volcano. The ramifications of all of this and more will be pondered by geologists, glaciologists and others laboring to unravel Antarctic mysteries.

The KU research team also sent mountains of data back to KU for detailed analysis. From the comfort of Nichols Hall, on West Campus, CReSIS researchers sift through the mass of information to assemble more chapters of the climate change saga.

The fall mission, well, that was just the tip of the iceberg. Over the next five years, KU faculty and students will continue to collect information and tell stories about the world's frozen expanses.

-Hummels, public relations director at the School of Engineering, spent a week in Chile and accompanied CReSIS researchers on two of the mission's 21 Antarctic flights.

■ At left, the DC-8 research aircraft swings into a teardrop turn during a high-altitude flight over the Pine Island Glacier; from an altitude of 1,600 feet, an iceberg soaring 100 feet above sea level appears nearly surreal; and Lei Shi and William Blake enjoy a rare "hard-down day," during which no flying takes place.

At right, the DC-8's shadow skips across the immense expanse of sea ice in the Amundsen Sea.





Sense of Place

AUTHOR FINDS HOME AND INSPIRATION IN KANSAS

aura Moriarty was born in Hawaii. She has lived in nine states and three countries. As a child she moved ✓ frequently with her Marine father, mother and sisters, hardly creating attachments. After graduating high school in Montana, Moriarty again awaited something new.

"I had the opportunity to come to KU and I loved it. I loved Lawrence," she says. "It seemed so open, with different kinds of people with different kinds of opinions and experiences. It was just very wonderful."

Moriarty, s'93, g'99, had found a home that would keep pulling her back.

by Whitney Eriksen

Photograph by Steve Puppe

fter struggling with and finally abandoning pre-med courses, Moriarty graduated from KU with a degree in social work.

"I wanted to help people, and I wasn't ready to say I wanted to be a writer," Moriarty confesses. "You get a lot of positive reinforcement when you tell people you're pre-med."

Now celebrating the release of her third successful novel and preparing to teach her fourth semester as a KU assistant professor of English, Moriarty knows the benefit of taking risks. And she has not forgotten where home is.

In While I'm Falling (Hyperion, 2009), Moriarty expertly weaves elements of her own academic quandary into a complex tale of family strife and resilient relationships. KU undergraduate Veronica is failing organic chemistry and trying to convince her father, and herself, that she could get a job with a liberal arts degree. In this story, however, the dilemmas

common to many college students seem minimal compared with the bigger crises.

As her parents work through a brutal divorce. Veronica must watch her mother's financial depend-

ence turn to poverty. When mother and daughter suddenly reverse roles, Veronica struggles toregain balance:

my writing."

My mother is homeless and living with me in my dorm. ... Just two nights earlier, I'd ignored her calls. I was aware of everything shifting, new regret a sharp pain in my throat.

oriarty explores inter-generational relationships in each of her novels. The Center of Everything (Hyperion, 2003) and The Rest of Her Life (Hyperion, 2007) also follow families dealing with tragedy,

often of the characters' own making. The scenarios demonstrate how nuanced, bittersweet legacies pass from mother to daughter, father to son.

Evelyn, the adept young heroine of Moriarty's first novel, turns to her grandmother for moral guidance when she decides to become a better person than her own incapable mother.

Moriarty's material aligns in part with her personal experiences and observations as a social worker, without becoming autobiographical.

"It's sort of an amalgamation of real and imagined, personal and professional experiences. Some of it is from my life, but a lot of it I just created," she explains. "A made-up person usually seems more real and more interesting than a factbased one."

As the characters change between novels, the setting remains an homage to her home state. Even The Rest of Her Life, which Moriarty wrote while living in

"I love teaching. I have all of these inspiring conversations with

disabilities and homelessness.

When she could no longer resist the urge to write, she enrolled in night classes with Carolyn Doty, a creative writing maven who became a powerful catalyst and to whom, after the revered professor's death in 2003, Moriarty dedicated her second novel.

"My writing was pretty beginner, but Carolyn saw something and was really encouraging and supportive," Moriarty says. "I remember a huge decision where I thought, 'I'm going to really go for this,' even though I was scared."

Doty became Moriarty's adviser when the young author returned to KU as a creative writing graduate student. In 1999, she finished her master's degree and landed the George Bennett Fellowship for Creative Writing from Phillips Exeter Academy in New Hampshire. As writer-in-residence there, she spent an entire year polishing the story that had been her master's thesis.

> "I had written my novel, had given it my best shot, but I really didn't think it would sell." Moriarty admits. But sell it did. She had moved to Portland, Maine, to

continue social work when she got the call from her agent. Hyperion Books bought The Center of Everything, and she became financially stable enough to begin writing full time.

students and other faculty. I think just being part of this atmosphere is good for my head, and I hope it will be good for

—Laura Moriarty

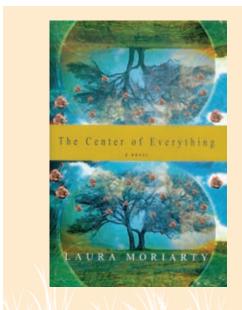
Maine, is set in Kansas.

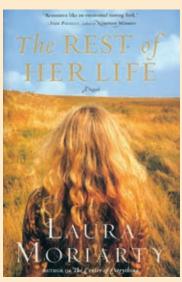
"I just connect with this place," she says. "I've gotten to live in some of the most beautiful places in the world, but as far as place, this is the big one for me."

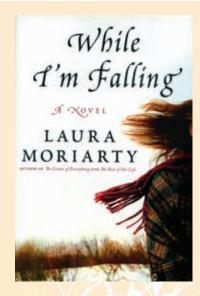
Not yet ready to write her Lawrence novel—"I have to work up to it," she says, "do the town justice"-Moriarty set While I'm Falling on KU's campus but carefully constructed fictional Kansas towns for her first two novels, each with a loving nod to her alma mater.

Since those significant college years, the best-selling author has experienced her own plot twists. After graduation, she used her social work degree for three years to help people coping with

iving in Maine, writing The Rest of Her Life about a family whose world is disrupted by a ✓ fatal car accident, Moriarty's own plot took another turn. The author who wrote so poignantly about mother-daughter relationships was going to have her own child. Her first maternal decision, where to rear her







daughter, was an easy one.

In 2004, she moved back to Lawrence and completed *The Rest of Her Life*, which quickly became a New York Times best-seller. At home with toddler Vivian, working on *While I'm Falling*, she was introduced to a local writing group.

Lawrence author Judy Underwood Bauer, d'70, g'07, co-founded the group in 2002 at Doty's recommendation. "Every reader brings their own set of experiences to a book or story or poem, and that affects how they interpret that piece of work," says Bauer, who received the 2009 Langston Hughes Creative Writing Award from the Lawrence Arts Center and The Raven bookstore. "We want to help the person be the best writer she can be."

"Just connecting with this group of good souls every week is good for your spirit and good for your writing," adds Lucia Orth, another member of the group and author of *Baby Jesus Pawn Shop*. "We're fairly stretched out in ages and backgrounds. The writing has become the basis of a deeper friendship."

For Moriarty, the group is invaluable. The four other women gave feedback on early drafts of *While I'm Falling* and supported her through her third publishing

process. She looks forward to their help as she continues to write.

*** * ***

n 2008, as Moriarty put the finishing touches on her fictional student's narrative, she learned that KU planned to hire a writing teacher.

"I really thought about it because my whole goal had been to make my living as a writer, and I was doing it," she says. "But as much as you think you're going to like writing all the time, I like being around faculty, being up on campus. I like that give and take."

Moriarty met her first students in August 2008. In the three semesters since, she has taught traditional literature courses, such as a section on historical heroines, and creative writing classes for undergraduates and graduate students.

Moriarty relishes the chance to encourage students the way Doty influenced her. Cherae Clark, a sophomore from Kansas City, took Fiction Writing II and appreciated the credibility of her professor's published work.

"She's so enthusiastic about class, and very supportive," says Clark, who plans to write and possibly teach some day.

"And it helps that I liked *The Center of Everything.*"

The affection is mutual.

"I love teaching," Moriarty says. "I have all of these inspiring conversations with students and other faculty. I think just being part of this atmosphere is good for my head, and I hope it will be good for my writing."

Moriarty recently signed a two-book contract with Riverhead Books. She plans to publish the next novels within three years, and is thrilled to work with and learn from the same editor who helped publish one of her favorite novels, Khaled Hosseini's *A Thousand Splendid Suns*

"I feel like there is a constant learning curve with both writing and teaching, which is why both professions are so appealing to me," she says. "You'll never be the best. You're always learning and getting better."

Though future characters and events in her own story are yet unknown, she is certain that Lawrence will remain the setting.

"This is the community I want to be in. This is where I want my daughter to grow up and this is the only university I'll go to. I just keep coming back."



Association



■ Accustomed to majestic views near her Idaho home, second-generation Jayhawk Emily Thompson now gazes at Mount Oread from her roost in Templin Hall.

Tradition reduces tuition

Nonresident students from KU families may qualify for discounts

In its second year, the Jayhawk Generations Scholarship offers tuition discounts for academically qualified out-ofstate students with Jayhawk lineage.

mily Thompson grew up an hour south of the Canadian border in Sandpoint, Idaho. But that didn't mean she was ✓ isolated from the culture her father. William, c'83, encountered during his student days on the Hill.

"He would talk about traditions like the basketball games and the Rock Chalk Chant," Emily Thompson says. "Those things were in his mind, the things he did on campus."

So when Thompson was searching for a university with a strong aerospace engineering program, she decided to follow her father's example.

Now a KU freshman, Thompson is one of the first-year recipients of the Jayhawk Generations Scholarship. The scholarships provide tuition support for students who don't live in Kansas but whose parent, step-parent, legal guardian, grandparent or step-grandparent graduated from KU.

To qualify, students must have had a minimum 3.25 grade point average in high school and earned an ACT score of 26 or above. Those with a 26 to 29 ACT score receive a 12 percent tuition

break; those with 30 or above receive 20 percent.

"It was definitely a nice thing to find out about," Thompson says. "Every little bit helps, especially for out-of-state students"

The scholarship was approved by the Kansas Legislature and signed into law by then-Gov. Kathleen Sebelius, g'80, in spring 2009. The national Board of Directors of the KU Alumni Association advocated for its establishment

"We believe it strengthens KU, and in turn, the KU Alumni Association, by recognizing talented nonresident students with a partial tuition waiver that makes

KU more affordable," says Joy Maxwell, c'03 j'03, assistant director of Kansas City programs. "The Jayhawk Generations Scholarship is just one way to bring out-of-state costs down for students who have alumni ties. It is a recruitment tool, a costsavings tool, a way to recognize the best and brightest."

Maxwell is working to expand the Fall 2010 Jayhawk Generations Scholarships beyond the current 47 students receiving them. This year's scholars represent 20 states.

"I would like to see the number of recipients doubled, which is where our loyal Jayhawk alumni can help," she says. "High school seniors who meet the criteria should be heavily encouraged to apply. There is no cap to the number of awards.

For Thompson, who is involved in Air Force ROTC, the Jayhawk Generations Scholarship is a way to help her reconnect with her father's alma mater.

"I think it's a great opportunity for people to get financial help," she says. "To continue that

family connection, I would think it definitely would attract people."

The deadline to apply for fall 2010 is July 1. For more information, visit www.admissions.ku.edu or contact Maxwell at 913-897-8445 or jmaxwell@kualumni.org.

Statewide reach

KU Orchestra tour latest event for growing state chapter staff

s Kansas chapters have expanded to include 24 groups representing all 105 counties, the Association has offered increasingly varied programs for these groups, including events featuring music and visual arts students and the national champion KU debate team.

The trend continues February 26-28 with a five-city tour for the KU Symphony Orchestra, and assisting with those events is a new member of the Kansas alumni programs staff: Jacob Strecker. d'06. The tour will include five alumni chapter receptions, including a reception with Chancellor Bernadette Gray-Little Feb. 28 in Great Bend.

Strecker, a second-generation Jayhawk and Ellinwood native, oversees 14 of the state's chapters as assistant director of Kansas programs. He previously worked for Kansas Athletics as the Kansas Relays assistant director.

In preparing for the orchestra tour, Strecker has collaborated with faculty and staff in the KU School of Music. led by interim dean Alicia Ann Clair, who will attend all the events. The tour is supported through gifts from James Zakoura, d'70, l'72, Overland Park, the Zakoura Family Foundation and Reach Out Kansas Inc.

• Feb. 26: 7 p.m. Wichita Chapter reception, followed by 8 p.m. KU Symphony Orchestra concert at the Kansas Music Educators Association conference. Century II Concert Hall in Wichita

• Feb. 27: 1 p.m. Western Kansas

Chapter reception, followed by 2 p.m. concert, Dodge City High School Auditorium

7 p.m. Great Plains Chapter reception, followed by 8 p.m. concert, Garden City Clarion

• Feb. 28: 1 p.m. Golden Belt Chapter reception with Chancellor Bernadette Gray-Little, followed by 2 p.m. concert, Great Bend City Auditorium

7 p.m. North Central Chapter reception, followed by 8 p.m. concert, Stiefel Theatre in Salina

Alumni in the five communities will receive e-mails that include additional details about each event.

Strecker joins an Alumni Association team for Kansas programs that includes Michelle Miles, b'02, assistant director of Kansas programs, who organizes the Kansas Honors Program for the state's high school seniors; Lynn Loveland, '76, part-time assistant director in Wichita; and Heath Peterson, d'04, g'09, who has directed Kansas programs since 2005. Now assistant vice president for alumni



Peterson and Strecker

and student programs, Peterson will continue to oversee all Kansas programs, along with alumni reunions, special events and activities of the Student Alumni Association.

"One of the Association's roles is to connect our chapters with as many academic areas of the University as we can," Peterson says. "Highlighting the talents of the University locally is a great way to recognize the outstanding programs we have. The addition of Jake will help us do even more."

Rock Chalk Ball Chairs 2010



Co-chairs of the 2010 Rock Chalk Ball are Lynn, c'59, m'63, and Ann Underwood Kindred, c'59, and Joe, b'61, and Susan Morris, assoc. The 15th edition of the Kansas City event, hosted by the Greater Kansas City Chapter, will be April 24 at the Overland Park Convention Center. For more information, contact Joy Maxwell, 913-897-8445 or jmaxwell@kualumni.org.

NOMINATIONS

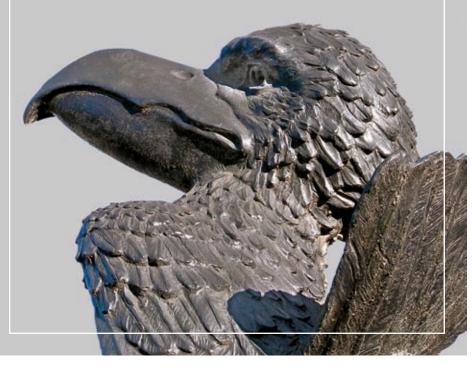
Nominate a deserving colleague to serve on the Alumni Association's national Board of Directors. Nominations are due by March 1.

The Fred Ellsworth Medallion honors individuals "who have provided unique and significant service to the University." Nominations are due by March 31.

For more information, visit www.kualumni.org.



Everything we do strengthens KU.



Life Members

he Association thanks these Jayhawks, who became Life Members beginning Nov. 3, 2009, through Jan 4, 2010. For more information on Life Membership, please visit www.kualumni.org or call 800-584-2957.

Julie Buchanan Anderson & Jerry Anderson

Robert C.Anderson

Lindsay A. Barnett

John J. & Lindsey Fowler Becker

Melissa A. Bentley

Sarah E. Best

Tobi M. Bitner

D. S. Blakely

Kristen M. Bloom

Adam M. Booth

John M. Braunsdorf

David A. Brown

Rochelle M. Brown

Brett P. Buchanan

Kristen Buchanan

Carlis J. & Sandra P. Callahan

Richard K. Capling & Amy Summers Capling

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Colene S. DeHoff

Jeffrey D. Evans

Thomas K. Grutzmacher

Richard J. & Debra J. Hale

Katrina Lynn Thomas Hansen

David C. Harold

Deborah Harvey

Ellen B. Hubrig

Clifford W. Illig

Kurt A. Kauffman

Nicole S. Kehr

J. Philip Kirk Jr.

Austin C. & Elissa Lemesany Koelling

Edward C. Kowalski

Carol Hochscheid Logan

Jessica Lang Mason

Lois Miller McCann

Kathryn Anderson McCullough

Leslie D. Meyer



■ Terry Rombeck has joined the Association's communications department as staff writer. He worked for nine years as a Lawrence Journal-World reporter and editor, including five years covering KU and higher education. For the Association, he works on online communications, videos and stories for *Kansas Alumni* magazine. His photography skills are already on display in this issue, pages 6-7 and 38. A native of Belle Plaine, Rombeck received a communications degree from Wichita State University in 2000.

Christopher M. Milford
Larry W. & Margaret Evans Mohr
John S. Morgan
Matthew G. & Jennifer McFarlane Moyer
Robert L. Ortman
Curtis C. Parker
Kelsey N. Parker
Tamee V. Reese
Paul D. Rosel & Kimberly Baker Rosel
Gary R. Shaffer
Byron A. & Ann Pistole Toy
Vance A. Weintraub
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Vice President for Alumni Records



Class Notes BY KAREN GOODELL

1940

Arnold, b'40, and Bertha Scott **Johnson,** b'40, celebrated their 69th anniversary in October. They make their home in Topeka.

1949

Paul Staley, e'49, and his wife, Kathryn, recently completed an 8,400mile driving trip across the country. They are retired in Monterey, Calif.

1952

Gordon, c'52, m'55, and Evelyn West**hoff Maxwell,** n'55, g'85, both set records recently in cycling competition at the Kansas Senior Olympics. Gordon established a record of 24:43 in the 10K time

trial, beating the old record of 26:04, and Evelyn set a record of 17:34 in the 5K time trial and won the 10K time trial with a time of 37:37. They live in Salina.

1960

Norma Hodgson Gorsuch, d'60, a retired teacher, makes her home in Overland Park.

Ronald Iones. b'60. is senior vice president of Individual Assurance in Prairie Village.

1961

Scott Gilles, e'61, a retired chief information officer with Raytheon Co., makes his home in Parker, Colo.

Kenneth Megill, c'61, president of KAS,

lives in Washington, D.C., with his partner, Lawrence Tan.

Dennis Park, b'61, is retired treasurer of Industrial Vehicles International in Tulsa, Okla,

1962

Alan, c'62, and Marti Graves Latta, c'66, are retired in Willowdale, Canada.

1963

William Howard, EdD'63, and his wife, Shirley, celebrated their 65th anniversary last year with a trip to Switzerland. They live in Fairway.

Jo Ann Johnson Klemmer, g'63, recently established a fund with the KU Endowment Association to attract graduate students to KU's department of English. She lives in Topeka.

1964

Nancy Bena Amick, d'64, practices law with Amick & Stevens in Plano, Texas.

Barbara Heitman Gimple, d'64, a retired teacher, makes her home in Emporia.

1965

Delbert Gerstenberger, c'65, g'67, makes his home in Seattle, where he is

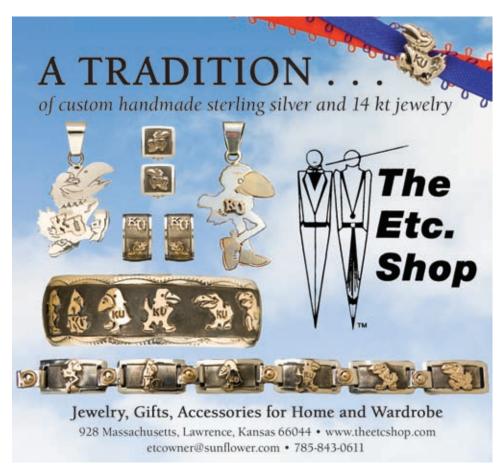
Robert Ritter, c'65, chairs the St. Louis law firm of Gray, Ritter & Graham.

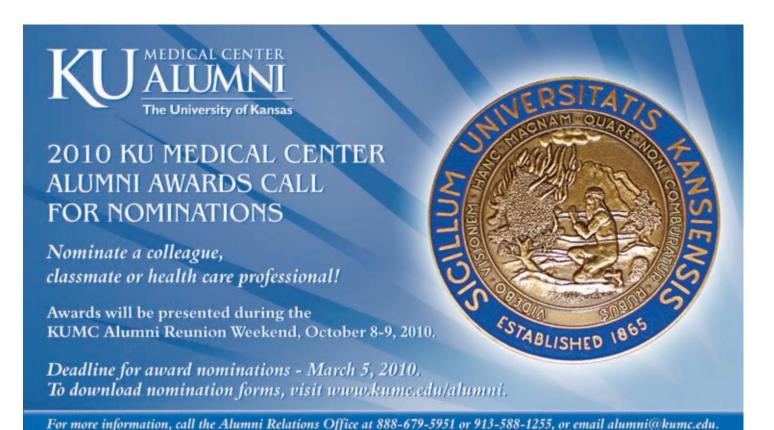
1966

Martha Ahrens Miller, c'66, works as a fashion consultant for Doncaster and as a career coach for Bridge to Success. She recently was elected president of the Kansas City Symphony Alliance.

1967

Richard Andersen, c'67, is international director of iJango.com. He lives in San Diego.





Julie Glenn, d'67, teaches reading at Deer Park Community Schools in Cincin-

William Taylor, b'67, g'69, recently was named a trustee of the KU Endowment Association. He lives in Overland Park, where he is retired from a career with Ernst and Young.

1968

Robert Campbell, j'68, is managing director of Strategic Development Worldwide in San Diego. He lives in Encinitas,

Robert Vancrum, c'68, owns Vancrum Law Firm in Overland Park.

Judy Hook Van Rest, j'68, is executive vice president of the International Republican Institute in Washington, D.C. She lives in Alexandria. Va.

1969

James Margolin, c'69, l'72, practices law with Margolin ADR Services and devotes his practice to mediating and

arbitrating labor and employment disputes. He lives in Mission Hills.

Michaelyn Burnette, c'70, g'78, works as a humanities librarian at the University of California-Berkeley. She lives in Oakland.

Scott Fraizer, b'70, is financial manager for Woolsey Oil Co. in Wichita.

Richard Henderson, c'70, works as a still-picture processing archivist for the National Archives and Records Administration. He lives in Laurel, Md.

Richard Pasley, d'70, a retired bank manager, makes his home in Dexter, Mich.

Timothy Vocke, c'70, is a reserve circuit judge and Supreme Court referee. He lives in Rhinelander, Wis.

1971

Elaine Danzenbaker Eichel, d'71, teaches fifth grade at Crest View Elementary School in Boulder, Colo.

Elizabeth Wilson Gildea, f'71, is district manager of the Social Security Administration in Ames, Iowa.

1972

Barry Adamson, b'72, wrote *Freedom* of Religion: The First Amendment and the Supreme Court, which recently was published by Pelican Publishing. He lives in Lake Oswego, Ore.

Robert Briscoe, c'72, g'74, a retired employee benefits consultant for Mercer, makes his home in Long Beach, Calif.

William Hagerman, d'72, is superintendent of schools for USD 309 Nickerson-South Hutchinson. He lives in Hutchinson.

Linda Lofgren Hesprich, '72, works as a postal carrier in Snellville, Ga.

Patrick Malone, c'72, a partner in Stein, Mitchell & Mezines, wrote The Life You Save: Nine Steps for Finding the Best Medical Care—and Avoiding the Worst. He lives in Chevy Chase, Md.

Allyn Risley, e'72, is vice president of





global shipping for the BG Group in Houston.

1973

Kirk Dietz, c'73, g'79, PhD'79, directs research and development for Dow Agro-Sciences in Indianapolis.

Stephen Evans, c'73, a'82, a'83, works as production director for Treanor Architects in Lawrence.

Jack Pearson, c'73, makes his home in Napa. He's retired chief of police at California State University.

Denis Viscek, b'73, g'75, is president and part owner of Northeast Medical Center Home Health in Bonham, Texas. and CFO of Hospice By The Bay in Larkspur, Calif. He lives in Prairie Village.

1974

Rosalind Gumby Bauchum, c'74, g'76, works as a regional technician for the U.S. Department of Commerce in Kansas City. She lives in Grandview, Mo.

Tom Dempster, c'74, is a geological assistant with the Utah State Geological Survey in Salt Lake City.

Lawrence Deyton, c'74, directs the U.S. Food and Drug Administration's new Center for Tobacco Products. He lives in Washington, D.C.

Robert Dodge, c'74, works for BonTon Stores Inc. He lives in Mequon, Wis.

Eileen McGuire Graham-Klotz, d'74. is vice president of human resources at Circle Banks in Novato, Calif. She lives in Fairfield

Delmer Harris, e'74, works as an analyst at Honeywell Federal Manufacturing and Technologies in Kansas City.

1975

Dean Graves, b'75, is a partner in Denver Investment Advisors. He lives in Evergreen, Colo.

Jeff Hutsell, c'75, owns Levels of Discovery in Overland Park.

Barbara Lundin, l'75, is a partner in the Dodge City law firm of Lundin & Daniels.

David Murfin, b'75, e'75, recently was named a trustee of the KU Endowment Association. He lives in Wichita, where he's president of Murfin Drilling and

chairman and CEO of Murfin Inc.

Warren Newcomer Jr., b'75, recently was named a trustee of the KU Endowment Association. He is president of Newcomer Funeral Service Group in Topeka.

Gale Sayers, d'75, g'77, directs fundraising for special projects for the KU Athletics Department and is president and CEO of the Sayers Group in Vernon Hills. Ill. He divides his time between Chicago and Lawrence.

Maurice Goodman, j'76, is an assistant administrator for public affairs at NASA. He lives in Washington, D.C.

George Koogle Jr., c'76, g'77, makes his home in Oklahoma City, where he is retired cost manager for Camron.

Russell Pennington, j'76, g'78, owns PenningtonSBC in Basking Ridge, N.J.

Jim Saffels, b'76, g'77, manages technical sales for AT&T in Kansas City.

William Searcy, c'76, is a managing member of Sun Valley Energy in Fort Worth, Texas, where he and Carol **Walker Searcy,** c'76, make their home.

Milton Wardeh, g'76, is a project manager for DuPont in Wilmington, Del.

David Wescoe, c'76, recently was named executive administrative director for the Motion Picture Industry Pension and Health Plans in Studio City, Calif. He and Sibyl Goetz Wescoe, c'75, live in La Jolla, where she practices medicine.

Stewart Cerier, b'77, is president of American Photo Marketing and SchoolPictures.com. He lives in Beverly Hills, Mich.

Joyce Graham, b'77, directs strategic planning for Maricopa Integrated Health System in Phoenix.

Jay Thomas, e'77, b'77, is a systems engineer for Boeing in Wichita. He lives in Andover.

1978

Marlin Berry, d'78, EdD'89, recently was named superintendent of USD 233 in Olathe.

Portia Kibble Smith, c'78, is an execu-



THEN AGAIN

At the first sign of snow, students grab what they have for makeshift gliders and enjoy a benefit of life on Mount Oread.These 1978 sledders know that the few moments flying down Campanile Hill are worth the return hike.

tive recruiter for PKS Executive Search and Consulting in Overland Park.

Thomas Thomas, g'78, PhD'87, recently was appointed vice president of student development and campus life at Berkeley College in New York City.

1979

Marc Ford, j'79, is account director for Bernstein-Rein Advertising in Kansas

Steven Jones, c'79, manages sales for Wolf Trax. He lives in Lawrence.

1980

Scott Bloch, c'80, l'86, is a partner in the Washington, D.C., firm of Tarone & McLaughlin and a principal of Smith-Bloch. He and Catherine Chalfant **Bloch.** c'81. live in Fairfax. Va.

1981

David Jones, PhD'81, recently received the Sniffen Faculty Governance Service Award from the University of Wisconsin-

Class Notes



Oshkosh, where he's an associate professor of political science.

Janet Scott Kennedy, g'81, owns Kennedy Enterprises/JLK Marketing and is director of resident lifestyles at the Scottsdale Arts Community in Scottsdale, Ariz.

Ramon Murguia, b'81, recently was named a trustee of the KU Endowment Association. He practices law in Kansas

David Pendleton, c'81, serves as a personnel systems staff officer in the Information Operations Proponency Office at Fort Leavenworth. He lives in Lenexa.

Thomas Schroeder, b'81, recently was appointed U.S. District Judge for the Middle District of North Carolina. He lives in Winston-Salem.

1982

Douglas Edmonds, l'82, e'79, directs administration and is general counsel at KPS Technology and Engineering. He

lives in Overland Park.

Dennis Lindsey, e'82, is vice president of IT21 in Olathe.

Leslie Voit Trimble, b'82, has a chiropractic practice in Quincy, Ill.

1983

Brian Francis, c'83, g'89, works as a meteorologist and senior forecaster for the National Weather Service in Tucson. Ariz

Stuart Shea, g'83, is president of intelligence and security at SAIC in McLean, Va. He lives in Chantilly.

Michael Woods, c'83, m'87, founded and is president of Civility Mutual Educational Services. He lives in Peterborough, N.H.

1984

Eric Bur, b'84, lives in Prairie Village and is chief financial officer at Perceptive Software.

Laura McCorkill, d'84, works as an

administrative assistant in KU's School of Music. She lives in Lawrence.

leffrey Underwood. d'84, is chief information officer at Adams Brown Beran & Ball in Great Bend.

1985

Elizabeth Miller Pembroke, j'85, owns Pembroke Studios in Healdsburg, Calif.

1986

Mark Weis, c'86, m'91, practices medicine with the U.S. Army at Fort Riley. He lives in Manhattan

1987

Andrew Blossom, b'87, is an office managing partner at KPMG in Omaha,

John Burdett, c'87, serves as a colonel in the U.S. Army's 82nd Airborne Division. He lives in Vass, N.C.

William Horner, p'87, is a pharmacist at Shop N Save in Florissant, Mo.

Mary Longhofer, n'87, g'94, works as a registered nurse at the OA Centers for Orthopaedics in Portland, Maine.

Brenda Bowman Tretbar, 1'87, is a counselor at Blue Valley Northwest High School in Overland Park.

1988

Darren Hensley, l'88, g'88, is a partner in Hensley, Kim & Holzer in Denver. He lives in Lakewood.

1989

Sergio Abauat, e'89, works as a drilling superintendent at Occidental Oil & Gas in Houston.

Michael Bedell, b'89, g'91, is a professor of business and public administration at California State University in Bakersfield.

Jon Cammack, g'89, PhD'91, lives in Libertyville, Ill., where he's vice president of Baxter Healthcare.

James Grube, c'89, is vice president of human resources for the Swiss Reinsurance America Corp. in Mission. He lives in Olathe.

Norbert Herbert, c'89, manages new business for Cigna Healthcare. He lives in Winfield. Ill.

Christine Bliss Tomlin, b'89, g'91, is an administrative analyst for Farmers Insurance in Olathe. She commutes from Lawrence.

1990

Mark Briggs, c'90, is chairman of Briggs Law Group in Phoenix.

John Pascarella, c'90, lives in Statesboro, where he's associate dean of the college of science at Georgia Southern

University and editor-in-chief of Castanea, the scientific journal of the Southern Appalachian Botanical Society.

Jody Schwarz Rhoades, c'90, m'97, practices medicine at Pacific Medical Center. She and her husband, **Eric,** e'92, live in Seattle.

1991

Paul Fritsch, e'91, works as technical manager for ExxonMobil in Singapore.

Gary McCullough, PhD'91, is online university facilitator at Phoenix, Argosy and Kaplan universities. He lives in Andrews, Texas.

1992

James Bauer, b'92, is regional sales director for Cardinal Health in Earth City, Mo. He lives in Glencoe.

Sarah Hannah, c'92, g'00, is assistant city manager of Sunrise, Fla.

Profile

BY STEVEN HILL

Longtime newspaperman finds his muse outside

am Cook has stood on the North Pole, shot rapids on Alaskan rivers and ridden out a winter storm while traveling the Yukon by dogsled. He chases pheasants across his favorite Minnesota farm each year and spends time in deer camps and fishing boats with hunters and anglers across the Gopher State.

All part of the job for Cook, j'70, who in February starts his 30th year as the outdoors writer for the Duluth News Tribune. It's a beat, he believes, that gets to the very heart of life in this town of 80,000 on Lake Superior.

"People up here strongly identify themselves with the outdoors," Cook says. "It's really part of who we are." So much so that he often finds the great outdoors can become the backdrop for compelling human stories. "To me the best stories are not when you go out and shoot a bunch of birds, but where you have a rich texture of family or tradition or love behind the hunt, that's woven through it," he says. "That's what I really love to write about."

Cook grew up bird hunting with his father and brother, James, b'73, in

Sabetha. Even then it was the experience that mattered most.

"Being out on country roads, in farmers' fence rows and fields on Saturday afternoons, we'd hunt over a pointing dog and listen to the KU game," Cook recalls. "It was wonderful."

He worked five years in a Topeka advertising firm before he and his wife, Phyllis Locher Cook, s'71, decided to move north for a year to live in a cabin before returning to Kansas to start a family.

"That's when we started learning about cross-country skiing, harvesting wild rice and picking blueberries," Cook says. "We decided not to come back."

Those pursuits and others beyond the realm of hunting and fishing—urban mountain biking, birdwatching, wilderness travel—Cook considers part of his beat, and he has collected his columns in five books that chronicle trips via canoe, kayak, whitewater raft and dogsled across the many lakes, forests and streams of his adopted home state and farther afield to the Brooks Range of Alaska, the Hudson Bay and Canada's arctic Baffin Island. Travel to challenging destinations holds special appeal.

"I like operating at the edge of my capabilities from time to time," Cook says. "I think it's where we grow, when



■ Readers frequently tell Sam Cook he has the perfect job "fishing and hunting for a living," but he more often carries a notebook than a rod or gun in the field. "I write for a living, and my responsibility is to get the story." Still, he admits, "It's been wonderful."

we're a little bit out of the comfort zone."

That element of the extraordinary, Cook believes, makes his beat more compelling than any in sports.

"Watching a football game with 60,000 people is not that different than commuting to work in a city," Cook says. "But walking the land behind a well-trained dog or sitting silently in a deer stand watching the world go by—it's like a form of meditation. Where else does that happen?"

Class Notes

Teresa Ramirez, c'92, practices optometry at Ramirez Family EyeCare in Houston. She lives in Stafford, Texas.

Maj. **Darrell Williams,** b'92, is a budget analyst with the U.S. Air Force in Norfolk, Va. He and **Lisa Arnold Williams**, d'90, n'95, live in Virginia Beach.

MARRIED

Cynthia Boecker, c'92, g'94, to Robert Wagner, Sept. 19 in Lawrence, where they

1993

Marisa Morgan Dallman, c'93, owns Kansas Land Brokers in Lawrence.

Patti Mason Parks, p'93, works as a pharmacist at the Veterans Administration Medical Center Outpatient Clinic in Walla Walla, Wash.

Bill Reetz, c'93, owns A Better Earth in Lawrence, and Sonia Wallace Reetz, d'80, manages the Lawrence Visitors Center

BORN TO:

Richard, b'93, e'96, and Gayle Gerritz Boyd, b'00, son, Hampton Robert, Aug. 6 in Mission Hills, where he joins a sister, Georgia, 2. Richard is a senior consultant



THEN AGAIN

n Allen Field House, Big Jay coolly confronts Willie the Wildcat as Ted Owens' boys play for the chance to compete in the Big Eight championship. Rick Suttle, Roger Morningstar and the rest of the 1975 squad gave the raucous fans plenty to cheer about by defeating Kansas State, 91-53.



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University of Kansas

Compiled by Carol Shankel and Barbara Watkins

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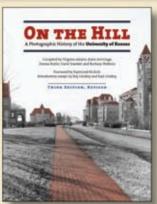
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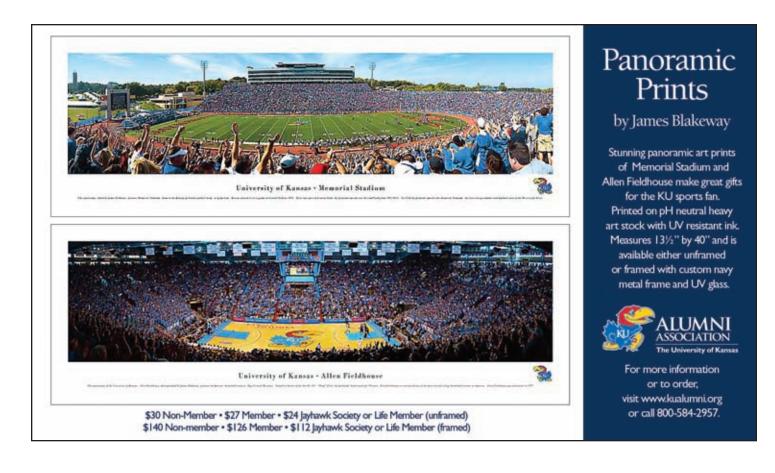


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with Celerant Consulting, and Gayle is an accountant and bookkeeper for Midland Properties.

1994

Michelle Sunier Graack, c'94, works for the Kelsey Cottrel Realty Group in Ballwin, Mo. She and her husband, **Ivan,** '93, live in Fenton.

Jay Kreitzer, c'94, manages Kreitzer Liquor in Olathe.

Michael, j'94, and **Crystal Bremer Stewart,** d'02, make their home in Dallas.

BORN TO:

David, j'94, g'06, and **Sara Stutz Johnston,** d'96, son, Austin David, Oct. 15 in Lawrence, where he joins sisters Sydney, 7, and Sophia, 5. David works as director of Internet services & marketing for the Association, and Sara is a physical therapist with Lawrence Memorial Hospital.

1995

Jennifer Schaefer Sawyer, e'95, is an

electrical engineer with Smith Seckman Reid in Denver. She lives in Aurora.

Cathy Trujillo, b'95, works as a controller with NAI Capital Realty in Overland Park.

Alison Mura Woerman, 195, is group manager of direct planning at Eddie Bauer. She lives in Bellevue, Wash.

BORN TO:

Holly Heckathorn Kabler, c'95, and Aaron, b'99, son, Parker Aaron, Aug. 14 in Olathe, where he joins a brother, Dawson, 10, and a sister, Morgan, 6. Aaron is an account manager with EMC.

Lori O'Keefe Locke, c'95, l'98, and **Chad,** c'98, daughter, Alexis Paige, July 30 in Overland Park, where she joins a sister, Mackenzie, 4.

1996

Christine McMahon Malchow, d'96, manages marketing for Dendreon in Seattle. She lives in Kirkland.

BORN TO:

Jeffrey, j'96, and **Brandy Bialek Frost,** c'96, m'01, daughter, Morgan Eleanor, June 21 in Elmhurst, Ill., where she joins a brother, Peter, 2.

Debbie Greenfield Schroering, b'96, g'99, and **Scott,** e'97, g'06, daughter, Macy Jan, Jan. 28 in Overland Park, where she joins a sister, Tatum, 2.

1997

Jessica McNickle, c'97, is assistant vice president and trust officer for the Great Plains Trust Co. in Mission.

1998

Erin Hubert, j'98, c'98, works as Web site manager for Populous in Kansas City.

Christopher Warren, c'98, is a historian for the U.S. Department of Homeland Security. He lives in Alexandria, Va.

BORN TO:

Jennifer Martin Adams, b'98, g'03, and **Mark,** e'99, son, Walker Martin, July 1 in

Class Notes

Olathe, where he joins a sister, Marin, 4. Jennifer is a business analyst for Sprint, and Mark is a project manager for Chevron Energy Solutions.

Gretchen Gradinger Lynch, b'98, and John, son, Emmet Joseph, June 10 in Kansas City.

Iris Rosenthal Weinstein, c'98, and Gregory, d'99, daughter, Jasmine Olivia, Aug. 20 in Skokie, Ill. Iris is an account executive with ISSA, and Greg is vice president of Otis Oakley Iron & Supply.

Rebecca Morrison, g'99, directs development at St. Paul's Episcopal Day School in Kansas City.

Lori Mah Slater, e'99, g'02, is a senior systems analyst in the accounting office at the University of Texas at Austin.

Paul, e'99, and Lisa Bessinger Voiles, e'01, live in Houston with their son, Jack, 1. Paul is project manager at Brown & Gay Engineers.

Adam Yarbrough, j'99, manages marketing and advertising for Weight Loss Surgical Center in Overland Park.

BORN TO:

Lung, b'99, and Courtney Cotter Huang, j'00, daughter, Parker Paige, Aug. 12 in New York City. Lung is a vice president with Arbitron, and Courtney is a brand manager with Nestle Waters North America.

Kevan, c'99, and Sarah Miller Meiner**shagen,** b'01, daughter, Mia Grace, July 22 in Lawrence, where she joins a sister, Violet, 1. Kevan manages online publishing for Allen Press, and Sarah is a human-resources generalist for Amarr Garage Doors.

2000

Amanda Granacher, b'00, practices law with Wilkie Farr & Gallagher in New York City.

BORN TO:

Allison Underwood Burwell, b'00, and Andrew, son, Trevor Andrew, June 22 in Colorado Springs, where he joins a brother, Logan, 3.

200 I

Margaret Maloney Hale, b'01, is an account executive for NBC Universal. She and her husband, **John**, j'00, live in

Jennifer Keffer, c'01, manages Borders Express in Shawnee.

Rachel Fox Pickel, j'01, works as senior communications manager for the Girl Scouts of Middle Tennessee. She lives in Nashville

BORN TO:

Wendy Musgrave Canaday, e'01, g'04, and Tim, daughter, Tia, Sept. 25 in Lawrence, where she joins a brother, Tyler, 3. Wendy is a production planner for ICL Performance Products, and Tim is a systems administrator at Lawrence Memorial Hospital.

Jason Hrabe, c'01, and Amy, daughter, Ava Lucille, June 5 in Olathe, where she joins a sister, Claudia, 5.



Pear KU... Fill out a class note at www.kualumni.org and tell us what you have been up to!

Shannon Michael Stull, c'01, and Venugopal Arunajatesan, PhD'03, daughter, Priya Belle Arunajatesan-Stull, Aug. 27 in Paducah, Ky. Shannon is senior clinical research associate for PRA International, and Venu is a product leader and chemical engineer for the Degussa Corp.

2002

Jack Brooks, c'02, l'05, works as a programmer/analyst for the Douglas County Sheriff's Office in Lawrence, where he lives.

Dominique Call, c'02, lives in Fairway and is a licensed practical nurse at the Kansas City Cancer Center.

Avraham Mor, f'02, is a lighting designer and partner in Lightswitch Architectural in Chicago, and a professional member of the International Association of Lighting Designers.

Jason Nicolay, b'02, g'03, works as an associate with Media Ventures Partners in San Francisco

Chad Walker, e'02, recently spent 10 months in South Sudan, where he oversaw water and sanitation programs for Action Against Hunger/ACF International. He is an engineer in El Dorado.

MARRIED

Lindsey Kiliany, j'02, and Mark Jackson, b'05, Sept. 12 in Kansas City, where they make their home.

Gregory Steinberg, 1'02, and Eliza-

Profile

BY CHRIS LAZZARINO

Intelligence officer listens for clues in global skies

t the frantic dawn of the war on terror, U.S. Air Force intelligence officer Marilyn Jenkins found herself at the epicenter of the action: aboard the National Airborne Operations Center, a jumbo jet based at Offutt Air Force Base near Omaha, Neb.

Jenkins, c'86, then a major and the intelligence chief for her airborne operations team, recalls from her office near Washington, D.C., that she and her colleagues relied on professionalism, not adrenaline, on the morning of Sept. 11, 2001.

"We launched and stayed airborne quite awhile," says Col. Jenkins, now vice commander of the Air Force's global signals intelligence wing at Fort Meade, Md. "You fall back on what you know, which is your training. And you know everybody around you is trained to the same level of competency, so you know you can rely on the person next to you."

Jenkins grew up in Leavenworth, one of six children in a military family. Both of her late parents, including her mother, Mary Lee Roby Jenkins, n'43, were World War II veterans. When her father retired from the U.S. Army in 1970, the family stayed in Leavenworth, and four

of the siblings-including Marilyn, who signed up for Air Force ROTC-chose KU.

Shortly after earning her commission as a distinguished ROTC graduate, Jenkins completed her first Air Intelligence Officer course, and by April 1987 she was an electronic security flight commander in Korea. She later completed assignments in Greece, Germany and Japan, as well as numerous stateside billets, before deploying to Afghanistan in 2007 as the Joint Intelligence Operations Officer for the International Security Assistance Forces.

"Our main mission is to fly, fight and win," Jenkins says. "If you're not flying, the only other career field that touches everything is intelligence. We have to know all of our business as well as the adversaries'. You're as operational as anybody; you're just not flying a jet."

Now at the apex of the Air Force's worldwide intelligence network, Jenkins has spent the better part of a distinguished career overcoming the sternest challenges her field has ever seen: exponential growth in technology available both to good guys and bad, the end of the Cold War, and the unsettling rise of powerful, nationless enemies.

"When I first came in, the intelligence business was well known," Jenkins says. "You knew what to do and how to do it.



Col. Marilyn Jenkins, vice commander of the 70th Intelligence, Surveillance and Reconnaissance Wing, says Pearl Harbor was the jolt that firmed U.S. resolve to never again to get caught unaware. She adds wistfully, "But, fast-forward to 9/11 ... "

It was pretty much a gentleman's game between nations.

"Now you've gone from understanding whole nations' orders of battle and how they're making their big decisions to trying to understand those who operate with no sovereignty and no rules. So it's become a much tougher problem for intelligence."

Class Notes

beth Golson, c'06, Aug. 29 in Parkville, Mo. They live in Kansas City, where he's a corporate attorney for Husch Blackwell Sanders and she's a marketing specialist for Kansas City Power & Light.

2003

Vincent Duet, a'03, works as an architect at Pavlecic Trudeau Architects in

Majid Ghavami, c'03, is a real-estate

consultant for Reece & Nichols in Kansas City. He lives in Overland Park.

Dylan Rassier, g'03, PhD'05, works as an economist for the U.S. Bureau of Economic Analysis in Washington, D.C.

Dillon Strohm, b'03, l'07, practices law with Jackson & Wade in Shawnee. He lives in Prairie Village.

BORN TO:

David, c'03, and Shannon Banes

Scrivner, c'03, son, Grant Patrick, June 30 in Aurora, Colo.

Brian, b'03, and Whitney Krug Toms, c'04, daughter, Vivienne, Nov. 2 in Omaha, Neb.

2004

Mary Ann Porch, c'04, j'04, manages social media marketing for Ask.com in New York City.

Carolyn Bridges Ruggles, s'04, s'05, is

Profile

BY CHRIS LAZZARINO

Hall's DNA tests bring life to legions of new drugs

epatitis B vaccines produced by global pharmaceutical giants Merck and Glaxo-SmithKline have reached more than a billion patients and prevented millions of cases of the dreaded disease. Tens of millions of diabetic patients rely daily on insulin manufactured by Novo Nordisk. Gardasil, an HPV vaccine produced by Merck, is expected to lower the risk of cervical cancer, which is diagnosed a half-million times worldwide every year.

All of which was made possible by Professor Benjamin Hall's ingenious research into simple baker's yeast.

At the height of two and a half decades of genetics research, Hall, c'54, and a postdoctoral fellow at the University of Washington in 1981 successfully spliced a virus gene onto a host gene-which happened to come from a yeast cell-and tricked the yeast into cooking up virus proteins.

Advances and refinements quickly followed, and pharmaceutical firms lined up to license a biological production line capable of making medicines that would change the course of disease treatment.

"It was clear that there were important things that could be made," Hall, now professor emeritus, recalls from his

home, near Seattle. "The first one of those was a vaccine against the Hepatitis B virus. You don't hear too much about it anymore, but it was pretty bad, and there was a great need."

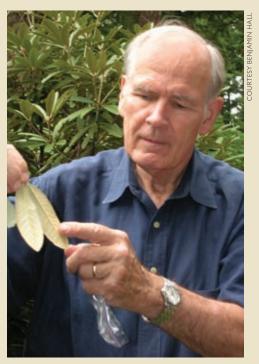
The university in 2006 recognized Hall's contributions by naming its new science research building in his honorwithin academia, an exceedingly rare honor for a living member of the faculty. UW also gratefully funds all of Hall's ongoing research, which now focuses on the state flower, rhododendrons.

Though trained as a chemist and geneticist, Hall has long felt special fondness for nature's tactile delights.

"When I was a KU student, I went every summer to Yellowstone Park and worked in the forest," he recalls. "I really became very fond of mountains and forests and rushing mountain streams and all that sort of thing. I kind of missed the West when I was a graduate student in New England. And when I was at Illinois [his first faculty job] I really missed it, but I was working so hard I hardly ever noticed."

From the time he first took up genetics research, as a Harvard doctoral student in the 1950s, Hall was at the forefront of nearly every stage of investigations into the structure and dynamics of DNA. He concedes, however, that he had no idea where it all might lead.

"Back in the 1960s, this sort of



A cut of royalties from Ben Hall's research benefits his current passion, rhododendrons. "It requires a lot of old-fashioned genetics, making crosses, growing them from seedlings, analyzing DNA," Hall says. "That's going to take years. It's exciting, but painstaking, too."

research was not too practical," Hall recalls. "In fact, my wife and kids used to say, 'Well, why are you working all night? What good is that?"

His answer?

"Because it's so exciting."

a specialized foster care worker with Youthville in Wichita.

MARRIED

Aubree Cole, j'04, and Nicholas Barbosa, b'06, Oct. 17 in Overland Park. She's senior rail coordinator at Ferrell Gas, and he's an investor reporting analyst at Key Bank Real Estate Capital. They live in Prairie Village.

BORN TO:

Elizabeth Slane Arras, e'04, and James, son, Ethan James, Nov. 11 in Pacific, Mo.

Megan Randall Hall, d'04, g'08, and Brian, daughter, Emery Elizabeth, Feb. 27 in Mansfield, Texas.

Aimee Shrimplin Ralph, d'04, g'06, and **David**, '07, son, Jackston, Aug. 2 in Rossville. Aimee teaches special education at St. George Elementary School.

2005

Lisa Pfaff, b'05, is a senior accountant for SPSS-IBM in Chicago.

MARRIED

Erica Naster, b'05, and Brett Colgan, c'06, Aug. 29 in Kansas City. They live in Bellevue, Neb., where she's a marketing and sales associate for Berry Plastics and he's a grain merchandiser with DeBruce Grain.

BORN TO:

Amy Cox O'Hara, j'05, and Sean, l'06, daughter, Ellen Ann, Aug. 17 in Scottsdale, Ariz. Amy is a marketing specialist for Arizona State University's Lodestar Center for Philanthropy and Nonprofit Innovation, and Sean is an associate with the law firm of Snell & Willmer.

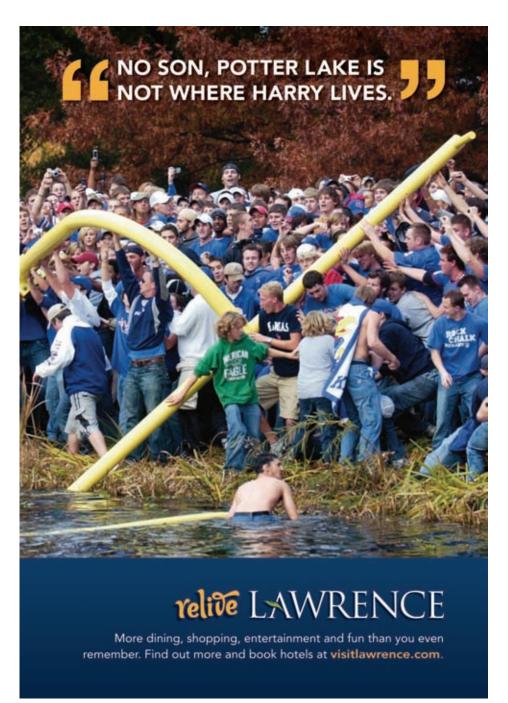
2007

Jana Budde, l'07, is an administrative officer for the Department of Veterans Affairs in Pittsburgh, Pa.

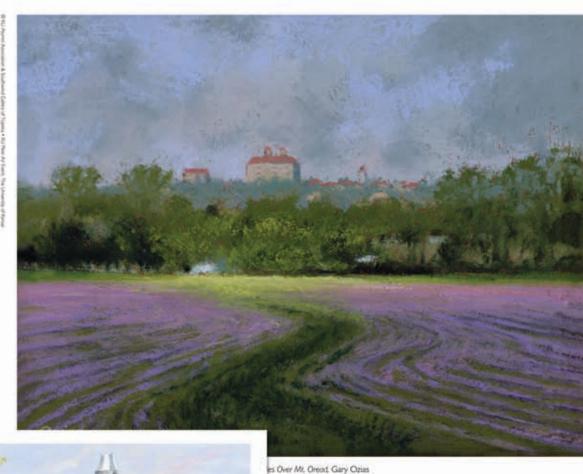


THEN AGAIN

ohn Eriksen, b'57, and Jane Faubion Eriksen, '58, celebrate their pinning at a 1956 Sigma Chi barn party. Married later that year, they are the grandparents of Kansas Alumni's Whitney Eriksen, c'08, j'08, who discovered the photo while preparing the January issue for press.



Bring the Hill to your home with the KU Campus Gallery



Featured artists Right: Clearing Skies Over Mt. Oread, by Gary Ozias. Below: Campus Across Potter Lake, by Jo Flager



Comput Acres Patter Lake In Figure

SouthWind Gallery of Topeka, in collaboration with the KU Alumni Association, invited artists to participate in a "plein air" painting event April 26, 2008, on the Lawrence campus. On that day, 63 artists set up easels across Mount Oread and, with paintbrushes in hand, captured the renowned beauty of the KU campus. The result is an amazing body of work rendered in various styles and media.

The beautiful book, A Spring Day on the Hill features the event, and selected images of campus are now available as archival quality giclee prints!

The prints are available in three sizes. Gifts from the KU Campus Gallery are perfect for office and home for any KU enthusiast!



14 selected prints available!

Association Members receive special pricing

8x10 prints: Non-member \$30 | Member \$27 | Jayhawk Society or Life \$24 | 11x14 prints: Non-member \$55 | Member \$50 | Jayhawk Society or Life \$44 | 16x20 prints: Non-member \$85 | Member \$77 | Jayhawk Society or Life \$68 | Book: Non-member \$35 | Member \$32 | Jayhawk Society or Life \$28



To order: www.kualumni.org | 800-584-2957

Kimberly Duensing Hardouin, d'07, g'10, teaches language arts at Altona Middle School in Longmont, Colo. She and her husband, Brian, l'09, live in Westminster.

Katie McClelland Krivolavek, c'07, teaches at Everett Elementary School in Lincoln. Neb.

Darren Reed, b'07, works as a consultant for Cerner in Kansas City.

Erinn Schaiberger, b'07, g'08, is an accountant for Sirius XM Satellite Radio in Washington, D.C. She lives in Alexandria, Va.

MARRIED

Amber Odermann, b'07, and Ryan Luckie, c'09, Sept. 19 in Ashland. They live in Lawrence, where she's a credit analyst for U.S. Bank and he's a residential care specialist with TLC.

Amanda Ostgulen, c'07, and Adam Painter, c'09, Aug. 15 in Overland Park. They live in Lawrence, and Adam works for Farmers Insurance.

2008

Kristen Buck, g'08, is an associate architect with Treanor Architects in Kansas City.

Kumar Goundan, g'08, is a programmer at Serco in Leawood.

Suni Haberland, d'08, teaches fourth grade in Hutchinson.

Alexandra Kohake, j'08, is an associate producer at High Noon Entertainment in Centennial, Colo. She lives in Colorado Springs.

Kevin Kunde, d'08, directs sports information for Baker University in Baldwin City. He commutes from Lawrence.

Dimitri Mitchell, g'08, manages engineering for Black & Veatch in Kansas City.

Eric Postner, g'08, directs bands at Atholton High School Columbia, Md. He lives in Laurel

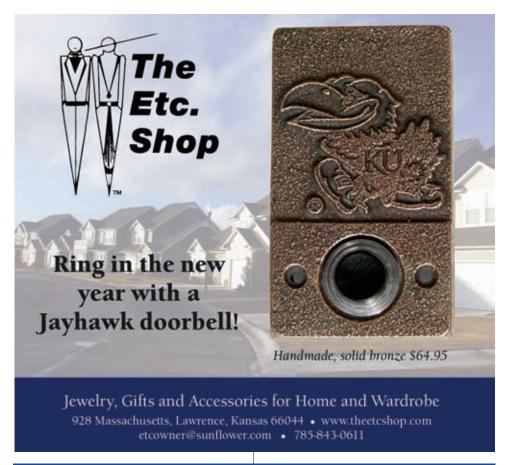
Laura Sutton, b'08, is a client services associate with Venn Strategies in Washington, D.C., where she lives.

MARRIED

Eleanor Lloyd, b'08, g'09, to Christopher Heath, Sept. 19 in Lawrence.



Class Notes



They live in Overland Park, and she's a federal tax associate with KPMG in Kansas City. Chris is a respiratory therapist at the KU Medical Center.

2009

Jason Campbell, m'09, practices medicine with Cullen Medical Professionals in Washington, Ind.

Bethany Pace-Danley, s'09, works as an aide at Countryside Elementary School. She lives in Overland Park.

MARRIED

Kristen Cink, j'09, to Matthew Vice, March 16 in Las Vegas. They live in Yigo,

Joel Grillot, g'09, to Shannon Watson, Oct. 17 in Independence, Mo. They live in Lawrence, where Joel is a paraeducator and assistant volleyball coach at Free State High School.

Ashton Howell, h'09, to Trevor Walton, Aug. 1 in Pratt. They live in Kansas City, where Ashton is a medical technologist at St. Joseph Medical



School Codes Letters that follow names indicate the school from which alumni earned degrees. Numbers show their class School of Architecture and

a	School of Architecture and
	Urban Design
b	School of Business
С	College of Liberal Arts and
	Sciences
d	School of Education
e	School of Engineering
f	School of Fine Arts
g	Master's Degree
g h	School of Allied Health
j I	School of Journalism
i	School of Law
m	School of Medicine
n	School of Nursing
р	School of Pharmacy
PharmD	School of Pharmacy
s	School of Social Welfare
DE	Doctor of Engineering
DMA	Doctor of Musical Arts
EdD	Doctor of Education
PhD	Doctor of Philosophy
(no letter)	Former student
assoc.	Associate member of the
	Alumni Association

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THE UNIVERSITY OF KANSAS

Gold Medal Club

Reunion

Celebrating 50-plus years as a KU graduate Saturday, April 17, 2010



The KU Alumni Association invites alumni who graduated before 1960 to join classmates for the 2010 Gold Medal Club Reunion and brunch on Saturday, April 17.

Registration is \$30 and includes hospitality, brunch, program and parking in the attached garage.



Registration and Hospitality 9–10:30 a.m., Kansas Union Jayhawk Walk (4th level lobby)

Brunch and Program

10:30 a.m., Kansas Union Big 12 Room (5th level) Program includes the official gold medal pinning ceremony.



Free Organ Recital
7:30 p.m., Bales Organ Recital Hall,
Lied Center (West Campus)
Join members of the newly
inducted Class of 1960 for a
private recital in the Lied Center's
beautiful organ hall. Free parking.
For more information about the
hall, please visit www.organ.ku.edu.

Also the same weekend: 50-year reunion for the Class of 1960. See page 48.



Reservations can be made online at *www.kualumni.org* or call the KU Alumni Association at **785-864-4760** (toll free 800-584-2957).

Questions? Contact Nikki Epley at nepley@kualumni.org or 785-864-9769.



In Memory

1930s

William Avery, c'34, 98, Nov. 4 in Wakefield, where he was former vice president and board chairman of Farmers and Merchants State Bank. He served two terms in the Kansas Legislature, five terms as a U.S. congressman, and a term as governor of Kansas. Survivors include two sons, one of whom is Brad, j'74, g'77; two daughters, Sue, '76, and Barbara, d'69, g'71; eight grandchildren; and five great-grandchildren.

Mary Margaret Starr Cromb, c'33, 99, Sept. 5 in Wichita. A memorial has been established with KU Endowment Association. Surviving are two daughters, Carolyn Cromb Brada, c'61, and Marilyn Cromb McElhany, d'63; five grandchildren; and six great-grandchildren.

Mary Thompson Duling, d'33, 101, Oct. 15 in Norton. Two sisters survive.

Maurice Brown Frandle, c'31, 99, Sept. 19 in West Lafayette, Ind. She lived in Perry, where she was a retired teacher. Surviving are two daughters, Nancy Frandle Clark, d'64, g'70, and Sara Frandle Simpson, d'66; a sister, Margaret Brown Hodson, c'43; and a grandson.

Betty Cox Parrish, c'36, 94, Nov. 9 in Topeka, where she had worked in the Constituent Services Office of Gov. John Carlin. She is survived by four sons, one of whom is Herbert, '73; two daughters, one of whom is Ann Parrish Tharp, f'74; nine grandchildren; 15 great-grandchildren; and five great-great-grandchildren.

Florence Lebrecht Rourke, c'37, 94, Sept. 20 in Carefree, Ariz. She is survived by two daughters, one of whom is Kathleen Rourke Buckingham, c'63; a son, Kenneth, c'65; seven grandchildren; and three great-granddaughters.

David Shirk, c'39, g'51, 93, Nov. 2 in Lawrence. He was a farmer and had coached football, basketball, track and golf and had taught physical education, health and driver's education. Survivors include his wife, Margaret Lewis Shirk, '39; two daughters, one of whom is Nancy Shirk Yonally, '65; three grandchildren; and two great-grandsons.

1940s

Edward Cheramy, e'49, 87, Aug. 27 in Bolckow, Mo., where he was retired from a career with Bendix. He is survived by his wife, Thelma; three sons, one of whom is Edward Jr., '65; two daughters; four sisters; 12 grandchildren; and 10 great-grandchildren.

Mary Asher Pringle Erickson, c'47, 83, Aug. 17 in Arkansas City, where she was a retired secretary. She is survived by her husband, Ted; a daughter, Reggie Pringle Smith, d'73; three sons, one of whom is Henry Pringle, c'82; seven grandchildren; and five great-grandchildren.

Robert Fitzpatrick, c'47, 87, Oct. 1 in Overland Park, where he was a banker. He is survived by his wife, Diane Armer Fitzpatrick, '57; three daughters, two of whom are Kathryn Fizpatrick Goff, d'73, and Jan Fitzpatrick Flemington, c'83; a son, Robert, '78; a stepson, Lance Armer, j'79; a stepdaughter, Alison Armer, '84; 13 grandchildren; and five great-grand-

Fred Gasser Jr., c'49, l'50, 82, Oct. 11 in Wichita, where he worked for the Veterans Administration and Wesley Hospital for many years. He is survived by his wife, Patricia, two sons and a grandson.

Richard Getty, d'49, p'55, 84, Oct. 14 in Lawrence, where he was a retired pharmacist. He is survived by two daughters, Suzanne Getty Dillon, d'74, and Sarah Getty Thomas, f'78; and three grandchildren.

Max Graves, c'40, m'43, 90, Oct. 23 in Overland Park, where he was a retired psychiatrist. He is survived by his wife, Esther Reinking Graves, n'44; two sons; two daughters, one of whom is Christine Graves Allen, c'72; and

eight grandchildren.

Lee Huddleston, b'41, 90, Nov. 5 in Mission Hills, where he was former president of Country Club Bank. He is survived by his wife, Roberta Walker Huddleston, c'41; a daughter, Mary Ann Huddleston Powell, j'76; and three grandchildren.

Gerald Jepson, b'43, 88, Nov. 11 in Prairie Village, where he was retired district director of the Small Business Administration. He is survived by a son, Dwight, c'76; two daughters, Mary Jepson Schmidgall, c'83, and Linda Jepson Thompson, '78; eight grandchildren; and five great-grandchildren.

Lawrence Johnson, c'44, m'46, 86, July 21 in Houston, where he was a retired physician. He is survived by two daughters, one of whom is Joyce Johnson Burr, d'68; three sons; two brothers; four sisters; seven grandchildren; a stepgrandson; and two great-grandchildren.

Dale Lemon, c'43, g'49, 88, Oct. 2 in Osawatomie, where he was a retired school administrator, insurance agent and farmer. He is survived by his wife, Mildred Teagarden Lemon, '47; three sons, one of whom is Gary, c'70, g'74, PhD'83; a brother; eight grandchildren; and seven great-grandchildren.

James McBride, b'48, 86, Oct. 29 in Whittier, Calif., where he was a CPA with Peat, Marwick Mitchell and later treasurer of Pyrotronics Corp. Among survivors are two sons; two daughters; a brother, John, c'53, l'55; two sisters, Kathleen McBride Hall, d'49, and Nancy McBride Stewart, '60; nine grandchildren; and three great-grandchildren.

Donald Milligan, c'47, 85, Aug. 21 in La Jolla, Calif., where he was a retired U.S. Navy captain. He is survived by four daughters, one of whom is Joanne Milligan Dawson, d'75; two sisters; a brother; and 12 grandchildren.

Billie Moore, c'49, m'52, 82, Sept. 21

in Rancho Palos Verdes, Calif., where she was a pediatrician. Survivors include her husband, Kenneth Goldman, assoc.; a son; a daughter; a sister; and four grandchildren.

Merrill Peterson, c'43, 88, Sept. 23 in Charlottesville, where he was a professor of history at the University of Virginia. His book, Lincoln in American Memory, was a finalist for the 1995 Pulitzer Prize. Two sons, a brother and a grandson

Maxine Weir Rhoades, n'48, 81, Sept. 9 in Olathe. A memorial has been established with the KU Endowment Association. She is survived by three sons, one of whom is Charles, c'75, m'78; a daughter; seven grandchildren; and three greatgrandchildren.

Marilyn Maloney Riggs, c'46, 85, Oct. 23 in Tulsa, Okla., where she was an entrepreneur and business owner. She is survived by three daughters; a sister, Eileen Maloney Olander, '50; and two grandsons.

Betty Hughes Salvaggio, c'46, 85, Aug. 11 in Kansas City, where she was a retired music teacher. Survivors include her husband, Nicholas; a son, Bruce, m'78; a daughter; and three grandchil-

John Scurlock, c'43, l'45, 88, Sept. 5 in Kansas City, where he was a law professor at UMKC for many years. A daughter survives.

Glenn Stallard, b'48, 87, Sept. 23 in Shawnee Mission, where he was retired senior vice president of Bank of America and former president of the Tax Executives Institute. He is survived by his wife, Shirley Grigsby Stallard, c'48; two sons, Kent, b'76, l'79, and Scott, e'81, b'81; two brothers, Wayne, b'48, and Carl, b'51, l'56; and a grandson.

Wayland Stephenson, c'40, m'42, 91, Oct. 17 in Lake Oswego, Ore., where he was a retired neurologist. He is survived by his wife, Alice Ann Jones Stephenson, c'41; two sons; two daughters; a sister, Virginia Stephenson Lashley, c'45; a brother; 11 grandchildren; and 10 greatgrandchildren.

Roland Stucky, m'48, 85, Aug. 9 in Wawona, Calif., where he was a retired family practitioner and general surgeon. He is survived by his wife, Ferne, a son, two daughters, two brothers, six granddaughters and a great-granddaughter.

Ellen Burnette Thomison, b'46, 88, Oct. 7 in Clifton Park, N.Y. A daughter and two granddaughters survive.

1950s

Beverly Brand Anderson, d'56, 75, Sept. 29 in Signal Mountain, Tenn., where she was a retired elementary school teacher. She is survived by her husband, Bob, b'56; a daughter; two sons, one of whom is Jon, g'87; a brother, John Brand Jr., c'54, l'59; and a granddaughter.

Darrell Davidson, b'59, 78, Oct. 19 in Topeka. He lived in Lawrence and was retired from a career with West Plains Energy/Utilicorp. Surviving are his wife, Verna; a son, Joel, c'85; a daughter, Deanna Davidson Ross, '85; a brother; two sisters; eight grandchildren; and six great-grandchildren.

Howard Gudeman, PhD'58, 81, March 25 in Honolulu, where he had been a psychologist, neuropsychologist and administrator at Hawaii State Hospital.

Elwyn Harris, e'55, 76, Oct. 5 in Culver City, Calif., where he was a retired senior policy analyst at RAND. He is survived by his wife, Susan, two daughters, a sister, a brother and two grandchildren.

Norman Harris, p'52, m'59, 79, Oct. 14 in Belleair, Fla., where he was retired from a career practicing obstetrics and gynecology in Salina. He is survived by his wife, Mary Wiebe Harris, c'55; two sons, Norman II, c'80, m'84, and John, c'89, m'94; and a daughter, Sara Harris Fisher, c'83.

Lenly Hopkins Jr., m'58, 78, Oct. 16 in Bucyrus. He practiced medicine and general surgery in Johnson County for many years and had retired to his farm in Bucyrus. He is survived by his wife, Karen Stanley Hopkins, n'62; three daughters, Kathleen Hopkins Jones, c'89, m'94, Jan Hopkins Marrs, b'90, and Ann Hopkins Herrick, j'93; a brother; two sisters, one of whom is Elizabeth Hopkins Moherman, g'73; and several grandchildren.

Clark Jackson, b'50, 88, July 30 in Carmichael, Calif., where he was a retired accountant. A son and three grandchildren survive.

Dick Jones, b'59, l'62, 72, Oct. 13 in Wichita, where he was a retired attorney and financial planner for Waddell & Reed. He is survived by his wife, Patty; three sons, Britton Jones, b'85, g'87, Timothy Humphrey, '87, and Christopher Jones, c'90; two daughters, one of whom is Julie Jones Davis, j'84; a sister; 10 grandchildren; and four greatgrandchildren.

Abraham Landis, PhD'55, 81, Oct. 26 in Burlingame, Calif., where he was retired from a career with NASA, Hughes Aircraft and Lockheed. He is survived by his wife. Eileen, two sons and three grandchildren.

William McGovney, e'50, 80, Sept. 27 in Kansas City, where he was an architect and a structural engineer. He is survived by his wife, Mildred Hatten McGovney, '87; two daughters; a son; a granddaughter; and a great-granddaughter.

Raymond Newman Sr., '51, 88, Oct. 30 in Kansas City, where he was a retired research lab technician at Veterans Administration Hospital. He is survived by three sons, four daughters, a brother, seven grandchildren and two greatgrandchildren.

Donald Seba, d'52, 83, Sept. 6 in Bella Vista, Ark., where he was retired from Panhandle Eastern Pipeline. He is survived by his wife, Margaret; two sons, one of whom is Randy, b'71, j'77; a daughter, Barbara, a'86; three brothers; eight grandchildren; and nine great-grandchil-

John Shields, c'52, 81, Oct. 25 in Fort Smith, Ark. He was a geologist for Gulf Oil and later founded his own geological consulting company. Surviving are his wife, Jean, assoc.; two daughters, one of whom is Kathleen. '90: four sons: a sister; and 14 grandchildren.

Ronald Taff, b'59, 78, Oct. 26 in High Point, N.C., where he was retired from Alma Desk Co. He is survived by his wife, Doris; two sons, one of whom is Adam, '91; a stepdaughter; a stepson; a brother; and two grandsons.

In Memory

Donald Valliere, g'50, 84, Sept. 30 in Coronado, Calif., where he was a retired teacher and coach. Surviving are his wife, Polly; four daughters, a son, 17 grandchildren and 12 great-grandchildren.

Delphine Bohnsack Weidensaul, c'50, 81, Oct. 2 in Topeka. She lived in Lawrence, where she was a homemaker. Surviving are her husband, Herbert, e'50; two daughters, Jane Weidensaul Buxton, d'74, and Nancy Weidensaul Spangler, f'79, g'06; a twin sister, Delta Bohnsack Raley, assoc.; and four grandchildren.

1960s

Michael Armstrong, d'67, 64, Nov. 1 in Kansas City, where he was a retired claims representative for Liberty Mutual Insurance. A brother, James, c'70, l'76, survives.

Clyde Bell Jr., c'61, 74, Oct. 25 in San Jose, Calif., where he worked in international banking and as an entrepreneur. Survivors include his wife, Marcela, two sons and a granddaughter.

Robert Bower, d'64, 73, Sept. 24 in Quartzite, Ariz., where he was a retired contractor and sculptor. He is survived by his wife, Eileen, a son, a stepson, a stepdaughter, a brother, two sisters, seven stepgrandchildren and a stepgreatgrandchild.

Dennis Branstiter, j'63, 68, Oct. 14 in Kansas City. He had been deputy director of public relations at KU and later was a copy editor for the Star-Tribune in Minneapolis, Minn. A memorial has been established with the KU Endowment Association. Many cousins survive.

Peter Coulson, PhD'65, 76, Aug. 5 in San Marcos, Texas. He was a professor emeritus of theater at Texas State University. A brother survives.

Larry DeMarea, d'65, g'72, 66, March 13 in Chanute, where he taught at Neosho County Community College. A son, a daughter, a brother and three grandchildren survive.

Bill Devall, c'60, 70, June 26 in Trinidad, Calif. He was a professor emeritus of sociology at Humboldt State University and a leading advocate for the deep ecology environmental movement. A brother, Jim, c'63, survives.

Robert Garrett, c'69, 61, Sept. 27 in Yellowstone National Park, Wyo. He lived in Davenport, Fla., where he was retired underwriting manager with Reliance/General Casualty Insurance. He is survived by his wife, Shirley Bunch Garrett, assoc.; a son, Matthew, e'03; his mother; and three grandchildren.

Alvin Howell, f'65, 78, Oct. 12 in Lawrence, where he owned Howell Creative Studio. He is survived by his wife, Georgia, and a sister.

Frederick Kautz, p'67, 64, Sept. 28 in Leawood, where he was a pharmacist. He is survived by his wife, Pamela; two sons, one of whom is Peter, c'07; a daughter, Genevieve, p'09; a sister; and two grandchildren.

Lawrence Koppers, m'66, 68, Nov. 4 in Leawood. He was a clinical professor of medicine at UMKC and a regent at Rockhurst University. Surviving are his wife, Ann; three sons, one of whom is Christopher, '99; two sisters; and four granddaughters.

Susan Russell Martin, j'69, 61, June 18 in Newark, Del. She lived in Avondale, Pa. Surviving are her husband, Charlie; two daughters; a brother; and three grandsons.

Damon Patton, c'61, 69, May 16 in Green Valley, Ariz. He had been a computer systems consultant in the United States and in Italy. Survivors include a daughter; his stepfather; a brother, Peter, g'59; and two sisters.

Juanita Almquist Rardin, d'64, 66, Aug. 9 in Overland Park, where she was a retired teacher. She is survived by her husband, Eugene, e'64, d'71; a son, Michael, '97; a daughter, Jennifer Rardin Decker, g'02; a brother, Ronald Almquist, c'69; and three grandchildren.

Walter Robson III, g'67, g'70, PhD'72, 65, Oct. 27 in Wycombe, Pa. He had been a professor of French at Old Dominion University in Norfolk, Va., and later was curator of the Washington Crossing Foundation in Wrightstown Township, Pa.

Joan Colwell Stevenson, d'67, 63, Sept. 4 in Plano, Texas. Among survivors are her husband, Richard, e'70; two daughters; and a sister,

Patricia Colwell Gailey, d'69.

Helen Hunter Voigts, g'69, 100, Oct. 27 in Olathe, where she was a retired high school teacher. Two sons, six grandchildren, 12 great-grandchildren and six great-great-grandchildren survive.

1970s

Kathleen Anderson Finn, g'71, 61, Sept. 20 in Olathe, where she was a teacher at the Kansas School for the Deaf. She is survived by her husband, Larry, g'77; two sons, Christopher, e'06, g'07, and Daniel, e'09; her parents; a brother; and a granddaughter.

Richard Heil, g'74, PhD'84, 68, Oct. 31 in Kansas City. He was a teacher and department head at Fort Hays State University. A memorial has been established with the KU Endowment Association. He is survived by his wife, Gerry; two sons, one of whom is David, '90; two stepsons; a stepdaughter; a brother; five grandchildren; and six stepgrandchildren.

Shirley Bowlin Morrison, d'74, 69, Sept. 21 in Kansas City. Two daughters, a son, two sisters and 15 grandchildren survive.

Max Page, j'71, 60, Sept. 15 in Vienna, Va. He was vice president and deputy director of the Newseum, an interactive museum of news in Washington, D.C. Surviving are his wife, Kathryn Thornton Page, c'71; three daughters; his mother, Marjorie, f'43; a brother, William, b'69, g'70; two sisters; and a grandson.

Norma Anderson Dyck Sellberg, g'70, EdD'72, 74, Nov. 6 in Lawrence. She was a professor emerita of education at Kansas State University and had owned Curriculum Solutions, a consulting business specializing in curriculum adaptation. Survivors include her husband, Bob; two sons, Greg Dyck, c'82, and Kirk Dyck, c'85; a daughter, Kari Dyck Woods, b'82, g'90; a sister; and five grandchildren.

1980s

Mark Bamburg, b'85, 48, Sept. 19 in Shawnee. He had worked for the U.S. State Department as a communications specialist in Brussels, Belgium, and Brasilia, Brazil, for more than 10 years.

Surviving are his parents, Bob and Ruth Bamburg, '92; two brothers, one of whom is Michael, b'84, g'86; and a sister.

Joan Van Eman Bruening, h'83, 56, Aug. 8 in Kansas City. She is survived by her husband, Tom; a daughter; a brother; a sister, Jacqueline Van Eman Schwartz, d'67; and two grandchildren.

Martha Armstrong Burr, s'86, 86, Sept. 19 in Houston. Three daughters, one of whom is Judith Burr Pospichal, '69; two sisters; eight grandchildren; and two great-grandchildren survive.

Tamar Ginzburg, c'87, g'97, 44, Oct. 10 in Kansas City. She is survived by her mother and a brother, Ezra, c'89, l'92.

Vicki Goodman, s'82, 63, Oct. 28 in Lenexa, where she was a social worker. She is survived by a son, Scott, c'95, m'99; a daughter, Terri Goodman Howard, j'92, l'95; a brother; and three grandchildren.

Arthur Hoffelmeyer, b'85, 47, Sept. 27 in Columbia, Ill. He was a sales manager with Senoret Chemical Co. in Kirkwood, Mo. Survivors include his wife, Kathy; a daughter; a son; his parents; and three sisters, Linda Hoffelmeyer Schuler, j'92, Annette Hoffelmeyer Wilson, c'88, g'93, and Nancy Hoffelmeyer Percich, f'90.

Clay Kappelman, c'80, 53, Sept. 18 in Lawrence, where he owned Clay Kappelman Photography and AVC Productions. He is survived by his wife, Brenda Olson Kappelman, f'99; four sons; his mother, Josephine Hurst Kappelman, c'49; and two sisters, Margaret Kappelman Rose, '82, and Carol, c'84.

Larry Murrow, c'88, m'92, 44, Nov. 6 in Pilot Knob, Mo. He lived in St. Charles, where he was an emergencyroom physician. Survivors include his wife, Lan, three sons, a daughter, a stepdaughter, two stepsons and his parents.

Myra Lane Unger, EdD'84, 70, Oct. 31 in Liberty, Mo., where she was a professor emerita of English at William Jewell College. She is survived by her husband, Brian, assoc.; four sons, one of whom is Scott Cozad, m'88; her mother; a sister; and a grandson.

Mary Zuniga-Shanks, n'80, 66, Sept. 19 in Kansas City, where she was a nurse and a nursing instructor at Penn Valley Community College. She is survived by her husband, Thomas, a stepson, a stepdaughter, four brothers and two sisters.

1990s

Curtis Coffman, c'91, 42, Oct. 28 in Kansas City. He lived in Baldwin City and was a drafter for Johnson County Water District No. 1. Surviving are his parents, Wayne, e'67, and Janel Coffman; his twin brother, Jay, c'91; and a sister, Melanie, n'92, g'97.

Amy Walker-Miller Summers, g'97, 82, Nov. 7 in Tonganoxie. She lived in Lawrence for many years and is survived by three sons, a brother, four grandchildren and four great-grandchildren.

Darvin Wallis, PhD'99, 60, Oct. 25 in Overland Park, where he was a former assistant coach of the Kansas City Chiefs. He is survived by his wife, Vicky; three sons, two of whom are Darvin, d'07, and Austin, '11; his mother; and a sister.

2000s

June 17 in Washington, D.C. He was a professor of film studies at the University

Frederick Holliday II, PhD'06, 39,

of the District of Columbia and at American University. Surviving are his wife, Regina, his parents, two sons, two sisters and his grandmother.

Rachel Leek, 'II, 20, Oct. 16 in Topeka. She lived in Lawrence, where she worked for WheatFields Bakery. She had attended Johnson County Community College. Surviving are her parents, James, c'72, g'75, EdD'96, and Sandra Leek, '73; five brothers, three of whom are Ernest, c'97, Andrew, f'06, and Thomas, '07; five sisters, four of whom are Esther Leek-Veitch, c'98, Anne, c'99, Mary Leek-Stolz, c'03, and Jane, c'07; and a nephew.

Bowen Pope, e'02, 30, Oct. 24 in Columbia. Md., where he was a software engineer at Lockheed Martin. He is survived by his wife, Shannon Doyle Pope, g'02; his parents, Larry, '75, and Diane Pope, assoc.; and a brother, Nathan, d'02.

The University Community

Kasumi Arakawa, m'53, 83, Aug. 29 in

Thousand Oaks, Calif. He was a professor emeritus of anesthesiology at KU, where he taught for 33 years. An endowed professorship was established in his name in 1994. He is survived by his wife, June Hope Arakawa, c'91; a son, Kenneth, b'88, c'90; and two daughters, Jane, '81, and Amy, c'94.

Marguerite Myers Baumgartel, f'39, d'58, g'60, EdD'65, 92, Oct. 1 in Lawrence, where she was a retired KU professor of art education. She is survived by her husband, Howard, '51; three sons, two of whom are Charles Kerfoot, c'66, and William Kerfoot Jr., c'66; two stepsons; a stepdaughter; a brother; and many grandchildren and greatgrandchildren.

Ronald Cook, 77, Oct. 14 in Lawrence, where he was retired director of civil engineering for facilities operations at KU. He is survived by his wife, Dorothy Herndon Cook, assoc; two sons, David, '79, and Darren, '84; a daughter, Diane Cook Stoddard, c'92, g'95; six grandchildren; and a greatgranddaughter.

Eunice Ebert-Stallworth Sr., f81, g'85, 50, Sept. 16 in Lawrence, where in the 1980s she had been an administrative assistant at the KU Alumni Association. She was archery surpervisor at Robinson Gymnasium, and she later worked as a freelance artist and performer. She is survived by two daughters; a son; her mother, Eva, assoc.; two brothers, one of whom is Isaac "Bud," s'78: and a sister, Harriette Stallworth Stevens, c'69, g'71.

James Price, 83, Oct. 17 in Leawood. He was a professor emeritus at the KU Medical Center, chairman of the department of family practice and former executive dean of medicine. Surviving are his wife, Janet, two sons, two daughters, a sister and nine grandchildren.

Harry Shaffer, 90, Nov. 3 in Lawrence, where he was for more than 50 years professor of economics at KU. He is survived by his wife, Betty Roberts Shaffer, '87; three sons, two of whom are Bernard, '69, and Lennie, c'85; a daughter, Tanya Shaffer-Green, '78; a stepson; a stepdaughter; and seven grandchildren.



Rock Chalk Review

■ Graduate intern Chassica Kirchhoff and curator Susan Earle in front of the disputed Monet painting in the Spencer Museum of Art's 18th & 19th Century Europe & America Gallery.



Long 'Winter' of intrigue

Spencer reconsiders authorship of treasured masterworks

inter on the Seine, Vetheuil," one of the Spencer Museum of Art's beloved paintings, *not* by Claude Monet? Come again? Look, right there in the lower left corner: "Claude Monet." Doesn't that say it all?

Maybe it says too much, because inscribed underneath the signature is "Vetheuil." Monet rarely, if ever, included place names on his paintings, so that one word is enough for Spencer curators and other experts to question whether the canvas might be less than authentic.

The identifying placard affixed to the wall alongside the painting now reads "formerly attributed to" Monet. But like any colorful arthistory mystery, questions hardly end there.

Susan Earle, curator for European and American art, insists she's nowhere near any definitive conclusions.

"We are actively trying to figure this out," she says. "But these are works in progress. It's not static. Sometimes there's not always a right answer."

Questions about the Monet, given to the University as a gift in 1960, have lingered for years. A leading Paris authority, though he has never seen the painting in person and by his own odd policy examines only black-and-white photographs, nevertheless declined to include the KU painting in his inventory of "authenticated" Monets. Other renowned scholars. Earle says, don't consider such pronouncements conclusive.

Earle renewed her quest to determine authorship of "Winter on the Seine" last summer after viewing a similar Monet at the Metropolitan Museum of Art in New York. That painting, titled "Ice Floes," is attributed to Monet

on the Met's Web site, with the addendum that authorship research is ongoing.

Also recently reconsidered at the Spencer was "Christ Carrying the Cross," a 16th-century mas-



terpiece that is part of the museum's renowned Italian Renaissance collection. Formerly identified as the work of a follower of Italian master Giorgio Vasari, the painting was in fact made by the master himself, best known among Western Civ alumni for his Lives of the Artists.

The clincher was the discovery that "Christ Carrying the Cross" was included in an inventory of Vasari works commissioned by the Benedictine monk Vincenzo Borghini.

KU researchers included graduate student Ashley Elston, g'05, current graduate intern Chassica Kirchhoff and Associate Professor Sally Cornelison. They and Earle also consulted outside authorities, including the National Gallery of Canada.

The KU Vasari, acquired in 1953 with state funds, has been definitively linked



■ KU researchers now agree that "Christ Carrying the Cross" (above) is indeed the work of Renaissance master Giorgio Vasari. Less certain is the authorship of "Winter on the Seine, Vetheuil," (left). Among other concerns is the relationship of the foreground bushes to the frozen Seine River. "It doesn't quite have the subtlety we would expect of him," Susan Earle says, though she's not yet convinced it is not an authentic Monet.

to Vasari's altarpiece in the Michelangelo Buonaroti Chapel in the Church of Santa Croce, in Florence, Italy. Not only is it truly a Vasari, but Earle and Kirchhoff consider it a particularly fine example of his talents. Earle cites the warmth and "human touch" that come through despite detailed brushwork that can make a painting seem relatively cool—as well as its composition, brilliant costumes and intriguing facial expressions.

Says Kirchhoff, "Because of his exposure to some of the great artists of the period, like Michelangelo, he ended up picking and choosing the best technical things and then distilling them through the filter of theory, through this intellectual process, so you get these images that are so indicative of the period."

Museum director Saralyn Reece Hardy, c'76, g'94, emphasizes that research to authenticate sources of various works typifies the ongoing mission of a university art museum. Earle notes that the intrigue has energized scholars and students from many disciplinesincluding English and music-to focus closely on paintings that by any other name would look just as sweet.

"The images are compelling, and the little placard next to it is often compelling," Earle says. "But the painting is exactly the same; the only thing that's changed is what we say about it."

-Chris Lazzarino

Early warning

Researcher's detective work reveals new clues to the beginnings of Alzheimer's

KU psychology professor's findings pinpointing early signs of Alzheimer's disease could point the way to research breakthroughs and better treatment for elderly

David Johnson, assistant professor of psychology and gerontology, published a

paper in Archives of Neurology in October that details a long-term study of 444 people at the Washington University School of Medicine. The study began tracking healthy older adults in 1979. By the time it ended in 2006, 134 subjects had developed dementia and 310 remained healthy.

By examining the results of a battery of cognitive tests given to participants over the years, Johnson and colleagues were able to find evidence of cognitive declines three years before the earliest diagnosis of Alzheimer's disease.

"I liken it to being a detective," Johnson says. "I just go back in time and try to put together as many of the facts as I can to see what predicted the eventual diagnosis."

In particular, Johnson found that problems with visuospatial memory-the visual information we process when we look at photos, maps or geometric shapes—was among the earliest cognitive declines experienced by those who went on to develop the disease.

"A person with visuospatial declines may have problems knowing where they are in a neighborhood they've lived in for 50 years, or maybe they're unsure what room they're in in their own house," he says. "That's hard to assess in a doctor's office, but it is going on in the real world. Maybe it's a sign of possible dementia that we should take more seriously."

According to the Centers for Disease Control and Prevention. Alzheimer's affects about 5 million Americans and is the sixth leading cause of death for American adults. Those numbers have doubled since 1980 and are expected to increase to as much as 13 million by 2050 as baby boomers age. In addition to the toll on families, who are often the primary caregivers, the disease creates significant health care costs: According to the Alzheimer's Association, payments for health and long-term care are three times higher for Medicare beneficiaries 65 and older with Alzheimer's than for other Medicare beneficiaries in the same age group. The association estimates the total annual cost of the disease in the United States at \$148 billion.

Rock Chalk Review



Johnson says his findings aren't meant to be a testing tool, but they do provide a new understanding of the scope of the disease's effect on the brain that could lead to better treatment.

"It is hard to say that this is going to be a screening measure, but what this does is allow research to focus on new issues, so that we can understand what these brain changes are and hunt them down earlier." Among those new issues is the realization that Alzheimer's is not simply a verbal-memory disease, but a "whole-brain disease" that affects many cognitive systems at once.

Pinpointing the earliest cognitive changes that signify Alzheimer'schanges that before now have been difficult to detect—is cause for optimism, Iohnson believes.

"There is immense clinical value in that," he says. "The last 15 to 20 years have in some way been the decades of Alzheimer's. We've come to understand the disease for the first time ever: we can characterize it, diagnose it."

Yet current treatments, Johnson says, address only the disease's symptoms, arresting its progress for a year or two at best. But research advances, including

■ David Johnson, assistant professor of psychology and gerontology, sees Alzheimer's as a whole-brain disease with effects far beyond verbal-memory problems; his latest research identifies early signs of the disease in patients who encounter difficulty processing visuospatial information.

those generated by the Washington University study and ongoing research at the Alzheimer's and Memory Project at KU's gerontology center, are helping change that.

"I think we are much closer to treatments than ever before, and we'll see them in the next five to 10 years," Johnson says, "because we understand so much about the disease now. This is one piece of the puzzle that moves us significantly closer."

-Steven Hill

OREAD READER

Strange bedfellows

Weird science abounds in ecologist's tour of nature's odd partnerships

he provocative title of Marty Crump's Sexy Orchids Make Lousy Lovers prompts an obvious question or two. Why do sexy orchids make lousy lovers? How exactly are they sexy-and to whom?

Turns out some orchid species lure

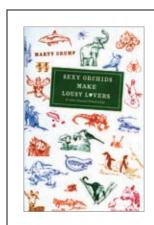
pollinating male insects not with a free meal, as most flowers do, but by imitating the smell and shape of female insects. When the dragon orchid of Australia emits a scent like the pheromone of a female thynnid wasp, male thynnids fly in and, further seduced by the plant's anatomy, attempt to mate with the orchid. When the male repeats its mistake (it happens) with yet another orchid, the pollen from the first is

deposited on the second and voila: crosspollination. Fool me once, shame on you; fool me twice, nature is served.

The curious case of the dragon orchid is just one of dozens in Crump's delightfully offbeat book, her second compendium of quirky natural histories, strange relationships and unusual understandings. Mere summary hardly does justice to the sweep and scope of weird science Crump, c'68, g'71, PhD'74, corrals between the covers: mosquitoes that steal food from ants, aphids that secrete honeydew from their rear ends (on command) to feed guardian ants, mites that hitch a ride in hummingbirds' nostrils, hungry hornbills that scold mongooses "just like a husband anxious to leave for a dinner engagement" when their crossspecies hunting partners go on too long with pre-breakfast ablutions.

Does Crump, adjunct professor of biological sciences at Northern Arizona University and a behavioral ecologist who specializes in tropical amphibians, indulge in anthropomorphism (attributing human characteristics to animals) and teleology (suggesting that nonhuman creatures from beasts to bacteria operate with a conscious goal)? You bet. But these scientific no-nos are mere poetic license, inspired by lighthearted enthusiasm for the topic.

Her stated goal is "celebrating the diversity of relationships," and the emphasis in these short, pithy and imminently readable entries is on celebrating. Crump's brio lends the inventive giveand-take of evolution the air of a great



Sexy Orchids Make Lousy Lovers: And Other Unusual Relationships

by Marty Crump

The University of Chicago Press

\$25

cosmic Halloween party, and her chronicles of nature's peculiar wonders suggest a designer not so much with intelligence as with a ribald sense of humor.

That's not to say serious science is lacking: A list of further (more serious) reading accompanies each chapter. But Crump's real goal is to inspire readers who might be turned off by a sterner tack to increase their appreciation for natural history. In that she succeeds with flair-naturally.

–Steven Hill

OREAD READER

Findeth Life

New biography details vitality of a campus icon

n his introduction to Historic Mount Oread Friends' latest biography of a beloved building, architecture professor Barry Newton writes that Spooner Hall is "a building of distinction. It is well proportioned, and it is evident from the way that it has adapted and survived that it has a good bone structure."

Adaptation, survival and distinction are three kev attributes of KU's sixth building, now Mount Oread's oldest. As they did with previous books on Old Fraser and Dyche halls, campus stalwarts

Carol Shankel and Barbara Watkins, g'78, PhD'81, gathered in Spooner Hall precious photographs; original correspondence; architectural images; snippets from books, magazines and newspapers; and original interviews, fashioning an easily readable, much appreciated building history.

Among Spooner Hall's countless surprises is the revelation that in 1925 more than half of the building's gorgeous roof was replaced with skylights, which remained until the early 1950s. Spooner suffered the indignity as it was transformed from library to art museum, growing comfortable with a classy vitality that came to trump even the vanity of two-tone stones and sweeping views.

After its 50-plus-year run as an art



Spooner Hall

Compiled by Carol Shankel and Barbara Watkins

Published by Historic Mount Oread Friends; distributed by University Press of Kansas

\$24.95

museum, Spooner Hall was transformed into the Museum of Anthropology and, in recent years, yet again took on a new mission as The Commons.

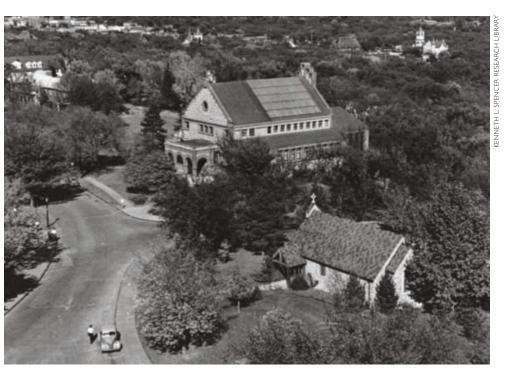
Spooner's open spaces and captivating light restored to original specificiations, The Commons-a partnership of the Biodiversity Institute, the Hall Center for the Humanities and Spencer Museum of Art-offers lectures and informal campus gatherings intended to link sciences, arts and humanities.

"It is the mark of a great building that it can offer spaces that are elegant and comfortable and that will suggest new uses to new users," Newton writes. "Spooner Hall seems to be standing there just waiting to be asked."

-Chris Lazzarino



■ Among the surprises in the latest building biography by Barbara Watkins and Carol Shankel is that much of Spooner Hall's roof was replaced with skylights when the stately library became the campus art museum in the mid-1920s.





Glorious to View



■ December's wintry blast swept across Mount Oread and blanketed evergreens near The Pioneer, a bronze statue that stands between Fraser and Blake halls. Purchased in 1904 at the St. Louis World's Fair, the statue first graced the lawn in front of Spooner Hall. It was later moved to the current site of the Chi Omega Fountain, then to a spot east of Old Fraser Hall before being moved in 1969 to its current location.

Photograph by Steve Puppe

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