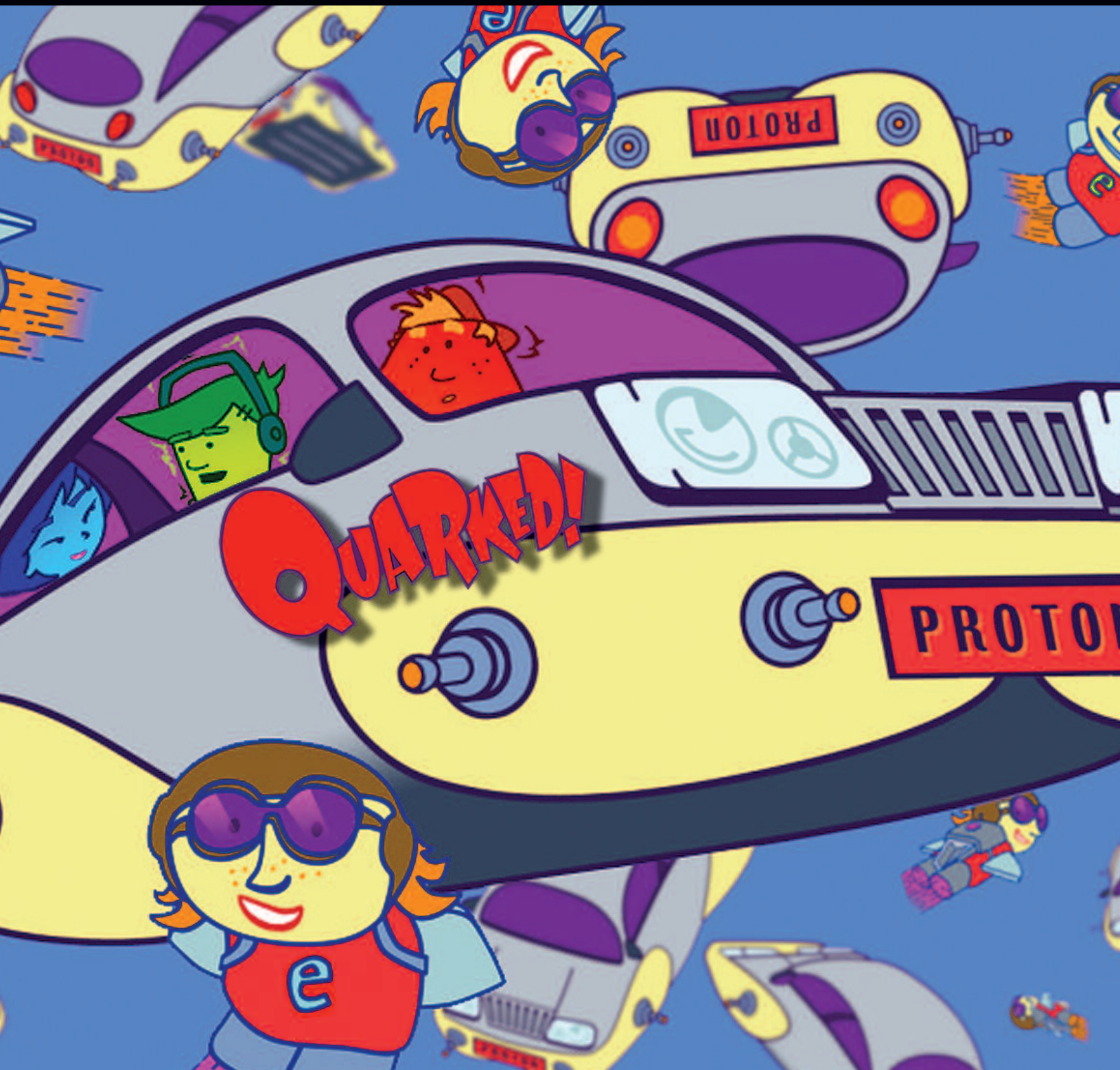


KUCollegian



KU Collegian

C O N T E N T S

From the Dean..... I
 Inside the College..... 2-7
 Distinguished Alumni Awards 8
 Alumni 9
 KUEA 10
 Annual Report 11-13



4

6



2

3

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Cover and inside cover: Richard Varney
 Our quark friends Ushi, Danny, and Harold zoom through space in their proton subatomic universe vehicle (SUV). This image is taken from Quarked! a three-minute animation created by KU design professors and their students to teach children about science.

From the Dean



Curry Photography

Interim Dean Barbara Romzek

The University of Kansas and the College of Liberal Arts and Sciences are in a time of significant administrative transition. KU's long-time Provost, David Shulenburg has been named vice president for academic affairs for the National Association of State Universities and Land-Grant Colleges; he will take a leave from KU effective June 2006. Dr. Richard Lariviere, currently Dean of the College of Liberal Arts at the University of Texas at Austin, will be our next provost (chief academic and operating officer) effective June 1. Dr. Joseph Steinmetz, Executive Associate Dean of the College of Liberal Arts and Sciences at Indiana University, will join KU as dean of the College in July 2006. I am

sure the College will be well-served by the leadership of both individuals. While these transitions are underway, the important work of the College goes forward with students, faculty, and staff continuing to strive for academic excellence.

We have worked this year to increase the communication with students and learn which issues are important to their academic experience. Through meetings with the Dean's Student Advisory Council, the College's elected student government representatives, and student focus groups, two key issues were identified: the availability of classes and academic advising. The College is addressing these issues by focusing attention on enrollment management, examining our curriculum, and reorienting our system of advising for majors.

We also are working to expand students and faculty members' participation in international and global educational and research experiences by incorporating more international content into the classroom experience and funding more international experiences. Such initiatives increase the contributions our faculty and students will be able to make to 21st century global challenges.

College faculty continue to be successful in competition for prestigious research awards, such as National Endowment for the Humanities and Fulbright fellowships as well as externally funded research grants. This year the College plans to hire over 50 new faculty members who will bring energy and enthusiasm that can expand the ability of KU to provide a world-class educational environment for students and faculty.

The College is well positioned to make significant contributions in the near and long-term future. It continues to provide a vibrant intellectual community for students, faculty and staff who share the goals of broad education and focused inquiry into critical issues facing our nation and the global community. It has been a pleasure to work closely on these shared goals and contribute to the College's success.

Sincerely,
Barbara S. Romzek



Quantum Mechanics for Qids

Dr. Alice Bean and a crack team of KU personnel introduce the Subatomic Universe to a whole new generation of thinkers

R.H. Bleier

What kid wouldn't like quantum mechanics? It's both fanciful and extreme—two important elements of kid appeal. The particles have names like *charm* and *strange* and exist in a subatomic realm in which total annihilation is required to move to the next level. As Alice Bean, KU professor of physics and astronomy sees it; the world of particle physics is clearly one that young children would like.

The problem is that most young children haven't heard of particle physics. Schools, struggling to meet No Child Left Behind goals, have little time to present subjects not part of the assessment. Science is one of the subjects that has suffered, and Dr. Bean believes this could be why kids in the United States are falling so far behind the rest of the world.

"I was worried about the overall level of science literacy in our society," says Dr. Bean, "and I thought: TV has cartoons—why not have those cartoons be based on something real?"

And thus, *Quarked! Adventures in the Subatomic Universe* was born. Thanks to a \$200,000 National Science Foundation grant, Dr. Bean and a team of professors from other departments at the University of Kansas developed *Quarked!* as an educational outreach project.

Quarked! aims to introduce seven- to twelve-year-old American kids to a subatomic universe that is just like a cartoon, but it won't be presented to kids in schools. One of the more interesting aspects of *Quarked!* is that it is aimed at non-traditional education venues such as muse-

ums and libraries. The reason behind this relates to the public school standards.

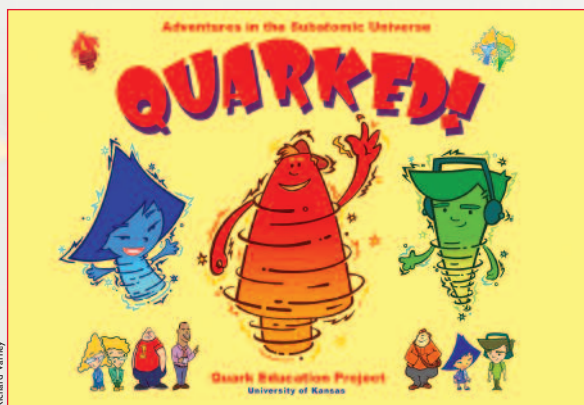
"Because teachers are so overwhelmed, they don't have time to introduce challenging things into the curriculum," says Bean. "We decided to approach children through informal science education. Every bit of science needs to be engagingly presented to kids when they're young. The earlier we get them thinking about this, the better off we're going to be."

The multidisciplinary group responsible for developing

Quarked! is centered at the University of Kansas and includes both students and faculty, as well as outside consultants and artists. Along with Dr. Bean, other scientific members from KU include Phil Baringer, professor of physics and astronomy, and Teresa MacDonald, director of education for KU's Natural History Museum, which is also affiliated with the College. From the Department of Design, Richard Varney, associate professor, is in charge of art and design in addition to

animation, and Andrea Herstowski, assistant professor, is creating the Web site. Student designers and animators who have largely contributed to character design include Scott Drummond, Austin Gilmore, Megan McNellis and Zach Newton. David Ohle, professor of English, is serving as screenwriter of the cartoon.

A cartoon is only part of the program which aims to use the Internet (www.quarked.org) and computer games, as well as spokespeople and activities, to spread the subatomic gospel. Quantum physics describes a subatomic



The *Quarked!* gang. The characters developed for the animated screenplay are shown above. In the center are the quarks inside the proton SUV Ushi (up quark), Harold (up quark), and Danny (down quark). At the top are the anti-quarks which reside in the anti-proton: Derek (anti-up quark), Patti (anti-up quark), and Matt (anti-down quark). Along the bottom are the human characters: Patti, Matt, Derek, Mr. Marks (the science teacher), Harold, Ushi, and Danny.

world in which quarks, the tiny particles that make up atoms, exist. In this universe, the special relativity theory, $E=MC^2$, that Einstein developed 100 years ago is constantly played out to explain the relationship of an object's mass to its energy through quarks. Up quarks and down quarks, top quarks and bottom quarks all maintain constant movement, crashing into one another, releasing energy and morphing from one flavor to another. That's subatomic lingo: using the word "flavor" to describe the type of quark, not what it tastes like.

"It's fun," says Dr. Bean, and its fun aspect is one of the reasons that Bean became a particle physicist in the first place. Luck was the other. Through a series of accidents,

Bean ended up working for a particle physicist one summer when the solid state physicist she had originally thought she'd work for failed to show up for a meeting. When the particle physicist offered Bean a job, she didn't refuse. "He invited me to help his team find a new particle and I said yes," she says. And she fell in love. Dr. Bean hopes *Quarked!* will give today's children the opportunity to fall in love with quarks just like she did.

What sort of practical applications will this whole new generation of quark lovers put their knowledge to creating? Dr. Bean declines to quantify the possibilities. All she'll say is, "You know 'Beam me up, Scotty'? Well, if you're going to do that, you'd better understand particle physics."

KU Researchers Assemble Tree of Life

After earning yet another research grant from the National Science Foundation, a team of researchers at the University of Kansas will attempt to fill in the gaps of Charles Darwin's "Tree of Life." The \$2.85-million project, launched by NSF in 2002 and titled "Assembling the Cnidarian Tree of Life," will allow researchers at KU



Alvaro E. Mgato

to learn more about the evolution of jellyfish, corals, sea anemones, and other members of the cnidarian phylum. Having taken part in the

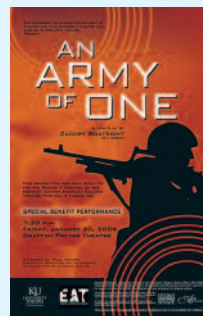
research for all three years of the project, KU will serve as the lead institution for the first time, and the University will receive \$1.6 million of the total project grant.

Led by Paulyn Cartwright, assistant professor of ecology and evolutionary biology and research associate at the Natural History Museum, and Daphne Fautin, professor of ecology and evolutionary biology and curator at the museum, the KU research team will help construct the marine fauna branch of the tree.

To more clearly define the evolutionary relationships between over 11,000 species of cnidarians, the researchers will gather thousands of sea animals, representing between 1,500 and 2,000 species. The DNA from each species will then be sampled and analyzed by the researchers, and the genetic codes will be compared to find differences and similarities that might distinguish between or link the species.

The collection and analyzation phase of the research will take approximately three years; when completed, the information will be entered into a database. Fautin said that the database will be posted on a Web site, along with information on all cnidarian species, and will be accessible to anyone.

STUDENT PLAY SELECTED FOR FESTIVAL



"An Army of One," a full-length play written by recent graduate Zacory N. Boatright, was selected for performance at the Region V Festival of the Kennedy Center American College Theatre Festival in Fargo, ND. The play was the first collaboration of the University

Theatre and the English Alternative Theatre (EAT). "An Army of One" was written by Boatright, Topeka native, during a directed study with Paul Stephen Lim, KU professor of English, from Fall 2004 to Summer 2005. It tells the story of a family's relationship to the military and a soldier's return from Iraq, his memories of war and his battle with Post Traumatic Stress Disorder. Participation in the regional festival makes "An Army of One" eligible for the national Kennedy Center American College Theatre Festival in Washington, D.C. in April.

Service Learning in the College:

KU Alternative Breaks Program Sets National Standard

Aimee Richardson

Kathleen Daughety, Topeka senior, and Jenna Sheldon-Sherman, Lawrence senior, want students to spend their spring break working with Native American cancer patients, volunteering at the country's largest no-kill animal shelter, and teaching inner-city youth with Teach For America. Daughety, Sheldon-Sherman, and ten fellow undergraduates direct the Alternative Breaks program at KU, with the hope that more and more college students will use their school breaks for community service instead of partying.

The University of Kansas was one of the first schools in the U.S. to start an Alternative Breaks program, with an inaugural spring break trip to El Paso, TX in 1995. As the popularity of the program grew, Alternative Breaks added winter and weekend breaks, increasing the volunteer opportunities for students. In recent years, KU groups have traveled to the Florida coast to restore a wildlife sanctuary, New York City to volunteer in a hospice for terminally ill patients, San Francisco to work with the homeless, and South Carolina to offer help at a school for deaf and blind children.

The main goal of the program is to educate students on a variety of social issues and stress the importance of service work. What makes Alternative Breaks different from most community service programs is that it isn't just

about volunteering. Students are immersed in a service-learning environment, which stresses the importance of understanding the underlying issues of social problems, in addition to the actual service.

Besides consistently being a model program for Alternative Breaks programs at schools across the country, KU is one of only a handful of schools to have a required class component, an added bonus for participants. All students in the program take part in a College course, LA&S 492/792: Special Projects in the Community. Participants can enroll for zero, one or two credits, which count toward elective hours for graduation. The weekly class ensures that students get the full Alternative Breaks experience and challenges them to combine the information they receive in class with meaningful service on the trip.

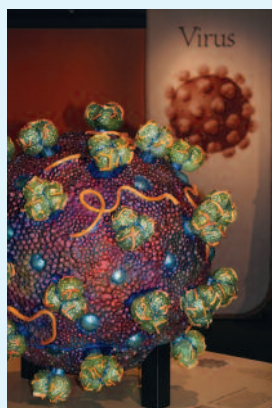
There is one constraint for the trips: absolutely no drugs or alcohol are allowed. Very few people are discouraged by this restriction, and almost every year there are waiting lists to go on a trip. On average, 50-75 students participate in winter break trips, and 70-100 go on spring breaks.

Even with a nationally-reputed program that has been in operation for more than ten years, the directors still have an ambitious vision for Alternative Breaks at KU.



At the South Carolina School for the Deaf and Blind in Spartanburg, S.C., KU students work with deaf, blind, and sensory disabled individuals, providing development services and helping to improve the students' sensory skills.

EXPLORING EVOLUTION



The Natural History Museum & Biodiversity Research Center presents *Explore Evolution*, a collaboration of six museums and 4-H programs to make evolution research accessible to young people and the general public. The exhibit features the work of scientists who are making leading discoveries about the evolution of life. The central theme of the exhibit is common patterns and principles in the evolution of all organisms. Pictured is an interactive model of a virus that is included in the exhibit, which can be viewed for the next several years. Visit the museum's website: www.nhm.ku.edu.



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KU students volunteer at the Gesundheit Institute in Hillsboro, W.VA. The Institute, which aims to create a joyful and organic health care experience for all patients, was founded by the famed doctor, Patch Adams, M.D. From L to R: Shawn Lillig, Melissa Shippy, Cheryl Wozniak, Japanese Exchange Student Minako, Cindy Ousler, Hannah Hohendorf.

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Economics Department Hosts International Conferences

Thanks to the Oswald Opportunity Fund, the Department of Economics at the University of Kansas was able to host the Fall 2005 Midwest Economic Theory and International Economics Conference in the Kansas Union. The international symposium, which is held each year at a Midwestern university, took place October 14-16. About 200 economists came to Lawrence from all over the country and the globe to attend the conference which offers young scholars an opportunity to meet with established researchers in their field.

Next October, the economics department will host the National Bureau of Economic Research (NBER)

General Equilibrium Conference. The NBER is the chief economic research organization in the United States.

Highly accomplished and world-renowned researchers will present their papers, and a group of 40 of the most elite researchers in the field of General Equilibrium Theory will be visiting KU.

Bernard Cornet, Oswald Distinguished Professor of Microeconomics, and Mohamed El-Hodiri, Professor of Economics, served as the faculty organizers for the first event, which was made possible by support from the department, particularly from the chair, the administrative staff and graduate students.

The second event will be organized by Bernard Cornet.



Roko Aliprantis, editor of *Economic Theory*, visited from Purdue University in Indiana and Carlos Hervas traveled from Vigo University in Spain.

Percentage of Women Faculty in Chemistry Sends a Clear Message

Mary-Margaret Simpson

Chemistry students at many leading research universities in the country could easily earn a bachelor's degree without ever seeing a female chemistry professor.

That's not as likely to happen in the College of Liberal Arts and Sciences at the University of Kansas where the percentage of women chemistry faculty has been as high as 28 percent. That may not sound like much, but consider the national average among top research institutions: 13 percent.

In four of the last five years, the KU chemistry department has hired women for tenure-track positions. Due to the departure of a professor and assistant professor last year, the proportion of women in the department dropped to 18 percent in 2005 from its all-time high in 2001-2004.

Trailblazers

Kristin Bowman-James came to KU in 1975 as an assistant professor of inorganic chemistry. She earned both her bachelor's and Ph.D. in chemistry at Temple University, followed by a post-doctoral appointment at The Ohio State University. Bowman-James was the sole female tenure-track faculty member until 1987, when the department promoted Barbara Schowen from a part-time position to a full-time tenured associate professor. Professor Schowen went on to direct the University Honors Program and is now a professor emerita.

Over the years, Bowman-James racked up an impressive amount of external grant funding from the National Institutes of Health, the Office of Naval Research, the Department of Energy, and the National Science Foundation. She earned tenure in 1982 and became a full professor in 1994, the first female to hold that rank in department history. In 1995 Bowman-James became chair of the chemistry department, one of the few women chairs of a chemistry department at a major research institution in the U.S. The department recruited seven new tenure-track faculty during her time as chair, four of them women.

New Faces

Among those recruited by Bowman-James was Helena Malinakova, a synthetic organic chemist and a native of the Czech Republic. She came to KU in 2000 following a Ph.D. at the Illinois Institute of Technology and a post-doc at Emory University. Among her research interests is exploring new aspects of organopalladium chemistry and applying these studies to the development of methods to



Left to right, Cindy Berrie, assistant professor, physical chemistry; Helena Malinakova, assistant professor, organic chemistry; Heather Desaire, assistant professor, analytical chemistry; Barbara Schowen, professor emerita, chemistry; Kristin Bowman-James, professor, organic chemistry; Minae Mure, assistant professor, organic chemistry not pictured.

synthesize pharmaceutical agents and biologically active natural products.

Cindy Berrie earned her Ph.D. from the University of California-Berkeley and completed a three-year post-doc at the University of Colorado before coming to KU in 2001. A physical and analytical chemist, she shifted her research from traditional surface physical chemistry to biological chemistry, a focus of the department, when she arrived at KU.

Heather Desaire joined the KU chemistry faculty in 2003 following a Ph.D. at the University of California-Berkeley and a post-doc in private industry. She was drawn to Kansas after reading in *Chemical and Engineering News* that the KU chemistry department had one of the highest percentages of women faculty in the country.

Desaire learned in August 2005 that she was awarded a five-year grant from the National Institutes of Health. Her research will focus on identifying the chemical entities that are on the surface of the HIV virus. Desaire hopes the work will lead to a better understanding of the structure of a glycoprotein to provide a better target for vaccine development.

A Strong Message

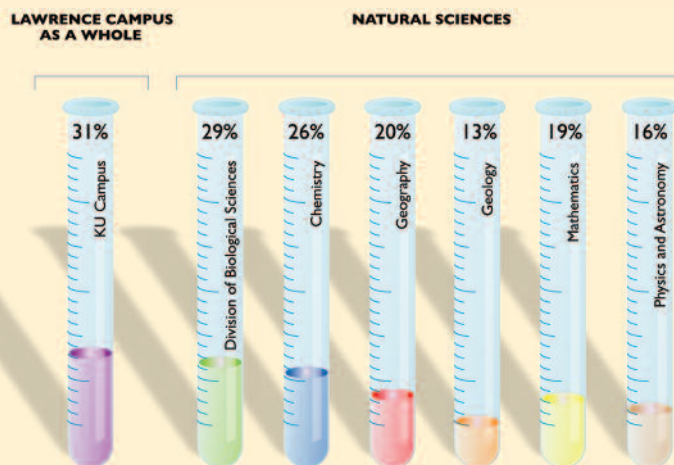
The presence of women in the faculty ranks strikes a chord with prospective students; seventy percent of the new graduate students for 2005-06 were women. According to Bowman-James, women now account for approximately one-third of the Ph.D.s awarded in chemistry across the country. "Given the considerably lower

percentage of women in tenure-track or tenured positions in chemistry at the top 50 universities, this means there is a tremendous pool of talent that does not see its way into academics.”

Bowman-James said KU’s ability to recruit top women candidates probably stems from several factors. “Women applicants see a critical mass of women tenure-track faculty. Women probably talk about position openings at conferences. But there are other reasons, such as the University’s willingness to hire both spouses in two-career academic couples.”

Leading research institutions are grappling with the issue of how to recruit women in fields such as chemistry, physics, and math. Bowman-James says the desire of major research institutions and funding agencies to focus attention on the issue sends a clear message. It’s time.

Percentage of Women Faculty Fall 2004



Source: Program Review Statistical Overviews, Part E, KU Office of Institutional Research and Planning. Percentages reflect most recent numbers available.

Dig Uncovers Human History



Travis Heying/The Wichita Eagle

Archeologist Rolfe Mandel co-directs the excavation.

Researchers from the Kansas Geological Survey, based at KU, and the Denver Museum of Science and Nature, along with staff from the Kansas State Historical Society and volunteers from the Kansas Anthropological Association continue their search for evidence of humans on the Great Plains. The excavation, commonly referred to as the Kanorado locality, is taking place in Sherman County near the Colorado border and is being directed by Rolfe Mandel, Survey archeological geologist, and Steven Holen from the Denver Museum. Previous discoveries of mammoth bones, which may have been fractured by people for tools or bone marrow, and rock fragments, possibly from a stone hammer, have led scientists to believe that humans once occupied the location. The bones, which date back 14,200 years, could be the earliest evidence of human life on the Great Plains, altering previous beliefs of people arriving 13,000 years ago.

ENGLISH PROFESSOR PUBLISHED



Courtesy Rebecca Curtis

Rebecca Curtis, assistant professor of English, was published in the December 19, 2005 issue of *The New Yorker*. The story, “Twenty Grand”, is her third work of fiction to appear in the prestigious publication. Her work has also appeared

recently in *Harper’s* and *McSweeney’s* magazines, and she was awarded a Rona Jaffe Foundation Award. Curtis has been teaching fiction writing and literature at the University for the past three years, and specializes in creative writing workshops for the department’s newly established MFA program. “I feel very lucky to be a teacher at the University of Kansas,” said Curtis. “It’s an exciting time to be here, and it’s because of KU’s generous support for English Department faculty research that I was able to complete these projects. The MFA program we’ve just started is particularly exciting. We hope to bring in a lot of renowned writers, to institute a reading series, attract excellent students, and make it one of the best MFA programs in the country.” Curtis is currently working on a collection of short stories which she plans to release in the near future.

The College Advisory Board received many excellent nominations for their annual Alumni Distinguished Achievement Award this year. After much consideration, they selected four outstanding graduates of the College to be recognized. The winners will return to the Lawrence campus, where they will be honored at the Dean's Club Banquet on April 21, 2006. To submit nominations for this award, see the guidelines on the back cover.

DAVID M. HILLIS, who is considered by many to be the world leader in the area of molecular systematics, is being recognized by the College for his academic accomplishments. Hillis earned three degrees from KU: a master of arts in 1983, a master of philosophy with honors in 1984, and a doctorate with honors in 1985, all in biological sciences. He was a National Science Foundation Graduate Fellow from 1982 to 1985 and was named



David M. Hillis
Academia

Outstanding Young Alumnus by Baylor University in 1994. In 1999, he was awarded the John D. and Catherine T. MacArthur Foundation Fellow "genius award," and in 2000 he became an Elected Member of the American Academy of Arts and Sciences. Hillis is currently the Alfred W. Roark Centennial Professor in the School of Biological Sciences at the University of Texas at Austin.

The focus of Hillis' research is the study of evolution of biotic diversity. His book, *Molecular Systematics*, which he co-authored, is referred to by molecular systematics scientists around the world. Hillis is known for his work on a criminal case, which pioneered the use of phylogenetic data as admissible evidence in U.S. courts.

SALLY HOGLUND, political science '56, is being recognized for her extensive public service work. She currently serves as a board member for several charities and organizations in Texas, including the Alzheimer's Association, the Texas Children's Hospital, the American Cancer Society, Family Place Partners, the Arthritis Foundation of North Texas and the Easter Seal Society. She is also a chair of the inaugural Hiett Prize in the



Sally Hoglund
Public Service

Humanities and the Muscular Dystrophy Association, and is the former president of A.W.A.R.E. (Alzheimer's Women's Association for Resources and Education) in Dallas. Hoglund was the recipient of the Pi Beta Phi Community Service Award and has been named a Women's Home Gala Honoree.

Hoglund is also a strong advocate for the University. She is currently co-chair of the advisory board for the Women Philanthropists for KU and a member of the Jayhawk Society, the Chancellor's Club, the Elizabeth Watkins Society, the Williams Educational Fund; and she has served as a steering committee member for the successful KU First Campaign. Hoglund is also a trustee of the Hoglund Foundation, which was named Foundation of the Year in 2005. In September, Hoglund was awarded the Fred Ellsworth Medallion by the Alumni Association for her tireless support of the University.

CHARLEY OSWALD, economics '51, is being acknowledged for his success in private business. As a Summerfield Scholar, Oswald graduated Phi Beta Kappa from KU and followed with his mas-

ter's of business administration from Harvard in 1953. After graduation, he joined Jostens Corporation where he rapidly advanced, serving as president from 1968 to 1970. Oswald spent the major part of his career, from 1970 to 1994, guiding the development of National Computer Systems Inc. (now NCS Pearson) while serving as the chairman and CEO. Since then, he has served as founder and chairman of Rotherwood Ventures, LLC.



Charley Oswald
Business

As a tribute to Professor John Ise in the Department of Economics, Oswald has provided significant support to the College of Liberal Arts & Sciences, creating the Oswald Scholars Program and several professorships in the economics department that have enabled the University to recruit internationally renowned faculty.

In 2003, Oswald was awarded the Fred Ellsworth Medallion by the Kansas Alumni Association. He has been a member of the Williams Educational Fund, the Chancellors Club, the School of Business Board of Advisors, the Kansas Leadership Gift, and is a longtime supporter of KU athletics. He is currently a member of the KU First Committee and is a trustee of the KU Endowment Association.

SARA PARETSKY, political science '67, is being recognized for her outstanding advancement of the arts. In 1986 she helped found Sisters in Crime, which assists female mystery writers by combating discrimination, raising awareness of their contributions and offering guidance during the publishing process. In 1987, Paretzky was voted *Ms. Magazine's* Woman of the Year for her efforts. In 2001, Paretzky created the Sara and Two C-Dogs foundation which supports women in the arts, letters and sciences. She serves on the advisory boards of Literature for All of Us, a literacy group for teen moms, and Thresholds, which serves Chicago's mentally-ill homeless.



Sara Paretzky
The Arts

In 1988, Paretzky was inducted into the Emily Taylor Women's Resource Center Women's Hall of Fame at KU. She is the namesake and sponsor for the Sara Paretzky Scholarship and is also responsible for the Sara and Mary Edwards Paretzky

Award for Creativity.

Paretzky has written 12 novels, multiple short stories and essays, and is the recipient of numerous writing awards. In 1996, she was presented with the Mark Twain Award for Distinguished Contribution to Midwest Literature. She was recently presented with the Cartier Diamond Dagger for Lifetime Achievement as a Crime Writer by the British Crime Writers Association. Paretzky received a doctoral degree in history as well as a master's in business administration from the University of Chicago. She also has honorary degrees from Columbia College, Elmhurst College, MacMurray College and DePaul University.

Western Civilization Meets Eastern Genius in the Midwestern Night



1973- February

It is cold, stop-you-in-mid-inhale cold. Tonight, you had to leave your warm, bright room and drive all the way over to a darkened West Campus for Dr. Takeru Higuchi's Tuesday night Western Civilization class. You pick up two beautiful sorority classmates in your dirty white 1967 Ford Falcon, the poor man's Mustang. It is the only time of the week that you remember to worry (too late!) about what you are wearing.

For the last several weeks, you and nine of your peers have sat in Dr. Higuchi's office suite, listening as the great literature of the western world is cheerfully questioned and interpreted by one of the smartest and kindest human beings ever to live in any part of the world. Now, too naïve to know how lucky you are, you all nestle around the dark wooden conference table in the low light of Dr. Higuchi's wood-lined suite. You are still shivering and still worrying. Worrying about Organic – it's going to be an open book test tomorrow, and that can't be good. Worrying about how you'll get through *Intruder in the Dust* twice in the next three days, the minimum number of readings it's going to take for you to figure out who is doing what to whom and for what reason, before Carothers asks you about it on Friday. Worrying about

how stupid you sounded in the car just now (again this week!), trying to make small talk with big-city girls.

Soon though, you find that your body has warmed up and your mind is listening. The soft-spoken, dark-haired man in glasses, who has spent the last two decades teaching the world how to make chemicals that heal human bodies, has now started to ask questions. You are thinking. You have ideas. New ideas. You all listen to one another now, leaning forward ever so slightly as he teases out your thoughts like snakes from a basket, listening intently to a man who sings from memory the words you read through so hurriedly that afternoon. You don't remember reading in your own K.U. Bookstore used copy of Plato anything about Kant, Confucius, Shakespeare or Chekhov. Now Dr. Higuchi makes it feel as if all of them are in the room together, dancing. This is a pharmacologist?

On the drive home you are shivering again, worrying again and trying again to be nifty and nonchalant until you drop the girls off at their house. Then, for just a moment, a small insight floats up and surprises you: you realize you are paying rock-bottom prices to chat weekly with a world-renowned scholar, who creates unseen miracle molecules by day and contemplates unseen miracle ideas by night, with you. You are young; you think it will always be this way.

Doug Merrill



Chester Peterson (Center) enjoys KU's victory over Nebraska in the College football suite with Adrian Melott (L) and Philip Baringer (R), professors of physics and astronomy.



The 2005-2006 members of the College Advisory Board pictured left to right are: Randy Gordon, Jim Woelfel, Marcos Rubert, Stacy Cooper, Chris Courtwright, Thomas Laming, Doug Merrill, Saralyn Hardy, Cecil Walker, Linda Stone-Ferrier, Charlie Himmelberg and Chuck Berg. Not pictured is Jill Docking.



David Johnson, BA '50, and Mary Gilles Johnson, BA '52, pose in their Jayhawk attire at the KU Rock Chalk Reception on September 22, 2005. The event for College alumni and friends took place at the Jewish Community Center in Leawood, KS and was hosted by Interim Dean Barbara Romzek and Jonathan Boyarin, Beren Distinguished Professor of Modern Jewish Studies.

KU ENDOWMENT

The University of Kansas



In talking with College alumni throughout the country about the various ways to give back to their alma mater, our conversations often include an informative discussion about deferred giving and ways to give through estate plans. A deferred gift, as opposed to an outright gift, has many advantages for our alumni, not to mention the benefits such a gift has for the College. The College has benefited greatly from the generosity of many alumni who have established a deferred gift in their name, including the recent estate gifts from **Ken Marsi** and **George Walrafen**. Deferred gifts help the College build future resources that are necessary to sustain support for students, faculty, and many worthwhile projects.

Here are the most popular vehicles for making a planned gift to the College:

Bequest. The most common way to establish a planned gift to benefit the College is through a will or living trust. A simple paragraph in a will or living trust that clearly designates *The Kansas University Endowment Association* as the beneficiary to benefit a specific department or program in the College is all that is needed to formalize this gift.

Charitable Gift Annuity. A charitable gift annuity is a gift vehicle that pays you a predetermined and fixed income each year for life. The remaining value in the annuity when it matures becomes a gift to KU Endowment for the College. Gift annuities can be funded with cash, securities or real estate and are guaranteed by KU Endowment.

Retirement Plan Beneficiary. Once you've provided for yourself and your family, naming KU Endowment as a beneficiary of your IRA, 401k, tax sheltered annuity, Keogh or other qualified plan is another excellent way to make a tax-efficient gift to the College.

Charitable Remainder Trusts. Like a gift annuity, a charitable trust pays you an income for the rest of your life, with the "remainder" going to the College as a gift. In many instances, KU Endowment will agree to serve as the trustee of the trust.

Life Insurance. If you no longer have a need for an existing life insurance policy, you can turn the policy into a charitable gift by naming *The Kansas University Endowment Association* as the new owner and beneficiary of the policy.

Thank you to all who have established deferred gifts with KU Endowment to benefit the College. If you would like to make a difference in the success of the College by providing a deferred or outright gift, please contact me for more information.

The very best to you in 2006!

Kathleen Brady
Senior Development Director
kbrady@kuendowment.org

The KU Endowment Association
www.kuendowment.org



Kathleen Brady, Senior Development Director; Lisa Jackson, Development Officer; Nancy Jackson, Development Director



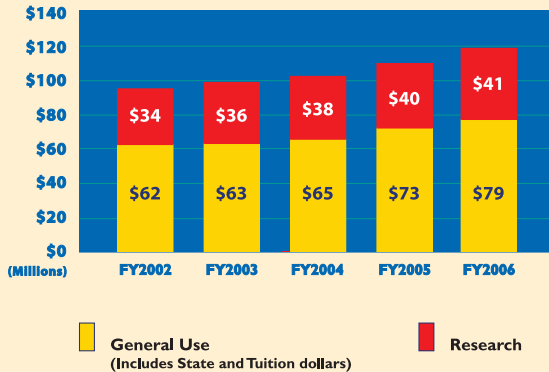
The late Kenneth Marsi (chemistry Ph.D., '55) has created a legacy at KU to pay tribute to his days as a graduate student on Mount Oread. Shortly before his death in August 2005, Marsi and his wife Irene created the Kenneth L. and Gertrude Irene Marsi Chemistry Graduate Student Fund. The KU Endowment fund will offer tuition, fellowship, and research support for graduate students in chemistry. Marsi received his undergraduate degree from San Jose State University in San Jose, California, and taught for four years at Fort Hays State University in Hays, Kansas, before returning to California, where he served 21 years as the chairman of the Department of Chemistry at California, Long Beach. Irene Marsi said that her husband credits the friendship and support he received from professors at KU with helping him reach his goals while he was working towards his Ph.D., and he wanted to be sure other students could also have such positive experiences in their graduate studies.

COLLEGE OF LIBERAL ARTS & SCIENCES

Annual Report

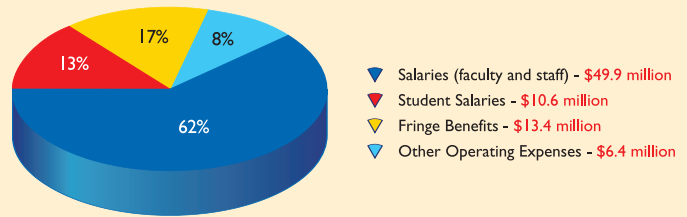
FINANCIAL GROWTH IN THE COLLEGE FISCAL YEARS 2002-2006

The College has seen an increase of \$6.6 million (19.4%) in research dollars in the last four years.



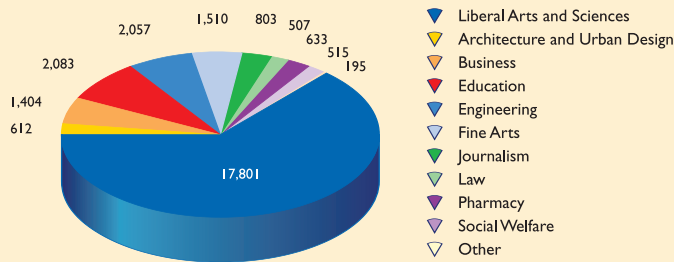
Research dollars for FY 2006 are estimated

COLLEGE BUDGET BY CATEGORY, FISCAL YEAR 2006

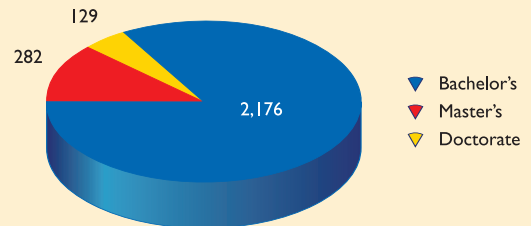


Total Budget – \$80.3 million (includes general use and restricted fees)

KU ENROLLMENT BY COLLEGE/SCHOOL LAWRENCE CAMPUS, FALL 2005

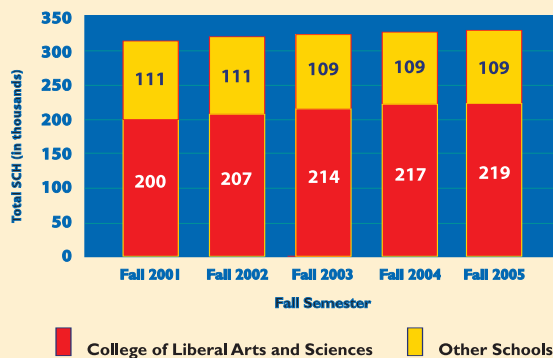


DEGREES GRANTED IN THE COLLEGE ACADEMIC YEAR 2004-2005



TOTAL DEGREES - 2,587

STUDENT CREDIT HOURS AT KU AND IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES



As the intellectual core of the University, the College teaches the majority of student credit hours, providing classes not only for majors in the College, but general education requirements in the humanities, social sciences and natural sciences to students from all the professional schools as well.

Faculty

FACULTY AWARDS FOR EXCELLENCE

KEMPER AWARD FOR EXCELLENCE IN TEACHING AND ADVISING

- Nancy Baym**, Associate Professor of Communication Studies
- Dave Besson**, Professor of Physics and Astronomy
- Stephen Eggbert**, Associate Professor of Geography
- Don Haider-Markel**, Associate Professor of Political Science
- James Hartman**, Professor of Psychology
- David Cateforis**, Associate Professor of Art History
- Anthony Corbeill**, Professor of Classics
- Ted Juhl**, Associate Professor of Economics
- David Katzman**, Professor of American Studies
- Jim Orr**, Professor of Molecular Biosciences
- Bangere Purnaprajna**, Associate Professor of Mathematics
- James Sherman**, Professor of Applied Behavioral Sciences
- Greg Simpson**, Professor of Psychology

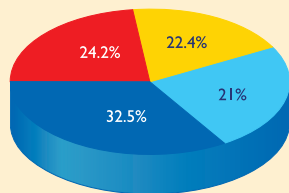
HIGUCHI/ENDOWMENT RESEARCH ACHIEVEMENT AWARDS

- Thomas Cravens**, Professor of Physics and Astronomy
- H. George Frederickson**, Edwin O. Stene Distinguished Professor of Public Administration

OTHER AWARDS

- Rebecca Curtis**, Assistant professor of English, one of six emerging female writers winning the national Rona Jaffe Foundation Writers Award.
- Anita Herzfeld**, professor of Latin American studies, 2005 Provost's Award for Leadership in International Education
- Roger Kaesler**, Professor of Geology, Fellow of the American Association for the Advancement of Science
- Erik Lundquist**, Assistant Professor of Molecular Biosciences - K-INBRE Faculty Scholar Award (Kansas IDEA Networks of Biomedical Research Excellence)
- Norman Slade**, Professor of Ecology and Evolutionary Biology, Louise Byrd Graduate Educator Award

FACULTY BY POSITION



- ▼ Professor - 241
- ▼ Associate Professor - 179
- ▼ Assistant Professor - 166
- ▼ Other Faculty - 155

FACULTY BY GENDER	NO.	%
Men	465	62.8%
Women	276	37.2%

TOTAL 2005 FACULTY = 741

COLLEGE FACULTY TRAVEL ABROAD

As a means of promoting faculty research and dissemination of that research at conferences and meetings, the College, with the help of the Provost, has instituted a \$400,000 travel fund, financed from tuition enhancement dollars. From July 1, 2005 - Jan. 1, 2006 this fund was used to sponsor 208 travel experiences; 150 of those domestic and 58 international.



Associate Professor Beverly Mack and a group of women faculty at Usman dan Fodiyo University, Sokot, Nigeria. Dr. Mack is currently writing a book about Muslim women scholars in Nigeria and Morocco.

KU FACULTY TEACH IN STUDY ABROAD

23 College faculty took groups of students to 19 different countries as part of the KU study abroad program.



Assistant Professor Naima Boussofara Omar (third from left) and KU students in the Summer of 2005. The picture was taken during an awards dinner for the KU Study Abroad Arabic Institute at Al-Akhawayn University in Ifrane, Morocco.

FACULTY BY ETHNICITY	%
Am. Indian/Alaska Native	.9%
Asian	4.7%
African American	3.2%
Latino/Latina	2.7%
International	6.2%
White	82.2%

Students

ACADEMIC YEAR 2004-2005 STUDY ABROAD



Joel Nally in Ouro Preto, Brazil, Summer 2005.



China Kansas Asia Scholars in Tiananmen Square in June, 2005.

- 536 students in the College participated in study abroad, either through year long programs or summer study.
- The College sponsored 563 study abroad classes (includes credit given for courses taken at international universities).
- The College sponsored 25 summer programs in 19 Different countries, including: Brazil, Costa Rica, China, Croatia, Germany, Korea, Morocco and Ukraine.

INTERNATIONAL STUDENTS

Students in the College represent 89 countries outside of the United States.

The top 20 countries of citizenship for our students:

China	Saudi Arabia	Paraguay
Republic of Korea	Hong Kong	Malaysia
Japan	United Kingdom	Sri Lanka
India	Brazil	Russian Federation
Taiwan	Spain	Mexico
Canada	France	Turkey
Germany	Kenya	

STUDENTS BY GENDER	NO.	%
Men	8,692	48.8%
Women	9,109	51.2%

**TOTAL 2005
ENROLLMENT
= 17,801**

STUDENTS BY ETHNICITY	%
Am. Indian/ Alaska Native	1.4%
Asian	4.2%
African American	3.7%
Latino/Latina	3.7%
International	6.4%
White	80.6%

NATIONAL SCHOLARSHIP WINNERS 2004-05

GOLDWATER SCHOLARSHIP TO ENCOURAGE EXCELLENCE IN SCIENCE AND MATHEMATICS

Dyan Vogel, 2004, Cellular Biology; biomedical research
Steven Floor, 2004, Physics; computational cosmology
Shawn Henderson, 2005, Physics and Mathematics; high energy physics
David Hover, 2005, Physics and Mathematics; experimental physics, renewable energy
Hannah Swift, 2005, Physics, Mathematics, Astronomy; particle astrophysics

MORRIS K. UDALL SCHOLARSHIP FOR CAREERS IN THE ENVIRONMENT OR NATIVE AMERICAN PUBLIC POLICY

Trisha Shrum, 2004 and 2005, Environmental Studies, Biology

RHODES SCHOLARSHIP

Ruth Anne French, 2004, Political Science, environmental regulation

ROTARY FOUNDATION AMBASSADORIAL SCHOLARSHIP

Laura Rose Barr, 2004, International Studies, Philosophy, Political Science

FULBRIGHT

Angela Gray, 2005, Ph.D., Geography, to Zambia
Michael Johnson, 2005, Ph.D., Slavic Languages and Literatures, to Russia
Ashleigh Klingman, 2005, BA, Environmental Studies, Spanish, International Studies, Anthropology, to Ecuador
Thomas Reid, 2005, BA, Latin American Studies, Spanish, Environmental Studies, European Union (England and Spain)
Sarah Smiley, Ph.D., Ph.D., Geography, to Tanzania

THOMAS R. PICKERING FOREIGN AFFAIRS FELLOWSHIP

Michelle Thi Tran, 2005, Journalism, Russian and East European Studies

DAVID L. BOREN UNDERGRADUATE SCHOLAR (NATIONAL SECURITY EDUCATION PROGRAM)

Jay Kimmel, 2005, Economics, Political Science, International Studies

PHI KAPPA PHI NATIONAL FELLOWSHIP

Lauren Stewart, 2005, English (currently at University of Edinburgh)



ALUMNI DISTINGUISHED ACHIEVEMENT AWARDS CALL FOR NOMINATIONS!

The prestigious Alumni Distinguished Achievement Award is presented annually to select graduates of the College of Liberal Arts and Sciences. Nominees must have graduated from the College a minimum of ten years ago. The College Advisory Board encourages you to nominate graduates of the College who have excelled in their contributions to KU, professions or communities. These awards recognize excellence in many different areas including, but not limited to:

The Arts • Public Service • Business • Academia

The nominator should provide a brief (three page maximum) statement explaining why he or she is nominating this individual for the Alumni Distinguished Achievement Award. Nominating parties may also

include the nominee's current resume and/or other documentation (news clippings, etc.) that details the nominee's service, professional involvements and achievements. Please include contact information for both nominator and nominee.

Nominations are due by June 15, 2006

Electronically submitted nominations are preferred; please direct them to collegenominations@ku.edu. We will certainly accept hard copies. For more information or to submit a nomination, contact:

Courtney Grams
Senior Administrative Specialist
College of Liberal Arts & Sciences
1450 Jayhawk Boulevard, Room 200
Lawrence, KS 66045-7535
785.864.3663
FAX: 785.864.5331
cgrams@ku.edu

Nomination forms available on our website at www.clas.ku.edu - Follow the "Alumni & Friends" link

Visit CLA&S on the Internet at www.clas.ku.edu

KU Collegian

COLLEGE OF LIBERAL ARTS & SCIENCES
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