

# MizzouWeekly

**Water Patrol**  
MU program monitors Missouri's lakes.  
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**Voyage of Discovery**

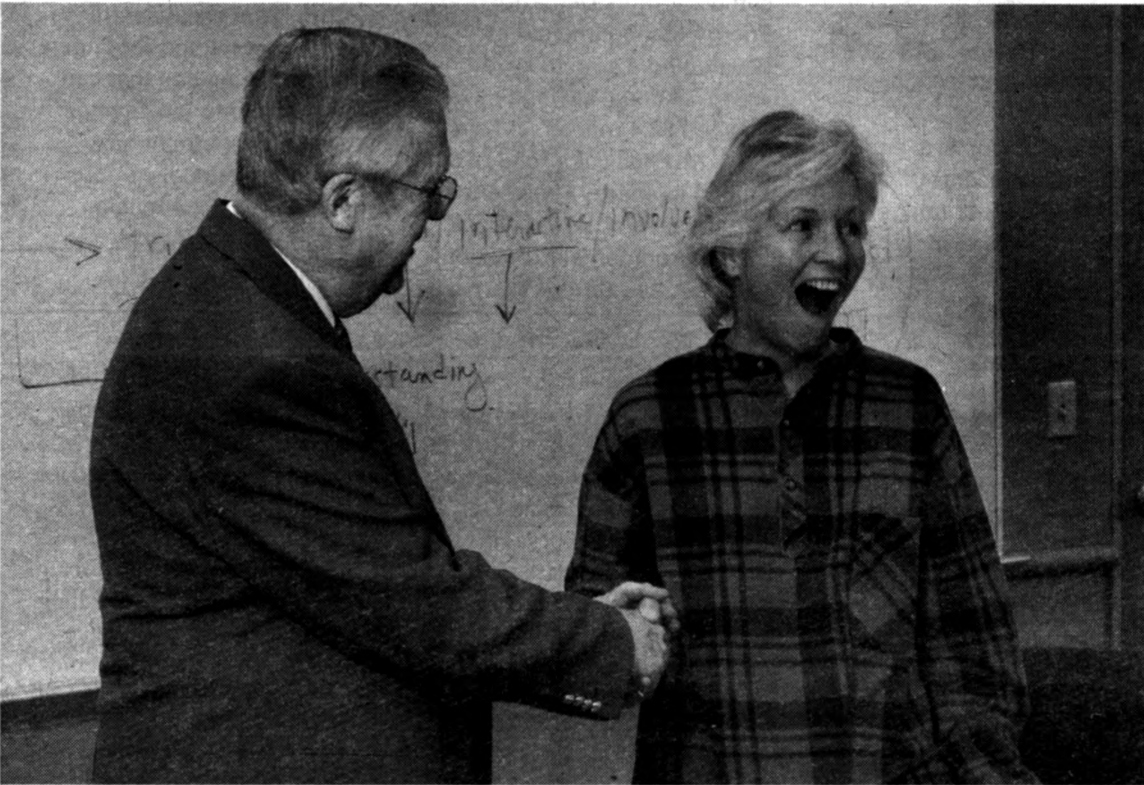
Art professor draws inspiration from Lewis and Clark expedition.  
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**Brick-Solid Support**

'Berg blaze has a bright side for MU program.  
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**April 8, 2004**

University of Missouri-Columbia



Rob Hill photo

**IN THE MEDIA GLARE** Mary Kay Blakely, associate professor of journalism, received a surprise visit Tuesday from Chancellor Richard Wallace, who announced that she was one of 10 MU faculty to receive this year's Kemper Awards for teaching excellence.

## Tapping into tradition

**To the campus community:**

This year's Tap Day ceremony is scheduled for Friday, April 16, at 2 p.m. on Francis Quadrangle. A reception will be held immediately following the ceremony. In accordance with proud MU tradition, we will initiate the new members of Mortar Board, QEBH, Mystical Seven, LSV, Omicron Delta Kappa and Rollins Society.

I encourage the participation of the campus community as we recognize some of our most outstanding students and welcome their families. In case of inclement weather, the ceremony will be held in Jesse Auditorium.

Please join us as we honor these new inductees.

*Richard L. Wallace*

Richard L. Wallace, Chancellor

## Top teachers

**WINNING WAYS** Annual Kemper Awards showcase teaching excellence at Mizzou

It can be more than a little nerve-racking for a professor to look up from delivering a lecture and spot Chancellor

Richard Wallace walking into the classroom accompanied by a media retinue.

This time of year, though, most MU faculty who experience such a radical departure from classroom routine know the best is yet to come: They're about to be singled out for one of

Mizzou's most prestigious teaching awards.

Each spring for the last 14 years, Mizzou's chancellor has visited the classrooms of 10 MU professors to announce that they are recipients of the coveted Kemper Fellowship for Teaching Excellence. Each recipient receives \$10,000.

In his April 6 award presentations to four professors, Chancellor Wallace joked that the winners might consider

sharing the wealth and treating their classes to pizza. Robin Hurst-March, assistant professor of biological sciences, didn't let all the hubbub deter her class from its learning objective. Wallace's presentation had barely ended before she had her students back to work on material for their Basic Environmental Studies course.

Other Kemper Award winners announced April 6 were Mary Kay Blakely, associate professor of journalism; Suzanne

Burgoyne, professor of theater; Neil Minturn, associate professor of music. The remaining six awards will be announced by April 16.

The Kemper Awards were established in 1991 with a \$500,000 gift from the William T. Kemper Foundation to honor 10 outstanding MU teachers each for five consecutive years. Kemper, a 1926 MU graduate, was a well-known civic leader and banker in Kansas City until his death in 1989.

## Campus and UM System leadership posts will not merge

**APPROPRIATIONS GAP** Budget constraints blamed for student fee increases

Administrative cost savings were cited last year when UM System President Elson Floyd announced that he would explore merging the UM president's post with the MU chancellor's position when Chancellor Richard Wallace retires Aug. 31.

Floyd said last week that he had decided not to combine those two positions, but budget concerns are still an important issue for the University administration. At an April 1 Board of Curators meeting at

UM-St. Louis, Floyd said the University will have to depend more on tuition and fees to close the gap between sagging state appropriations and the University's commitment to invest in academic excellence of its programs.

"For the first time in the history of the University, state appropriated funds represent less than half of our total budget," Floyd said at last week's meeting. "It is imperative that we have a tuition and fee policy that is stable and predictable.

He told curators that he and the University's general officers will be reviewing current fee policy and will propose

modifications. "We must address these issues taking the long view and not be incremental in our recommendations to you," Floyd said.

"The guiding principle for us must be to continue to be affordable, maintain the excellence of the University, and enhance and promote access," he said. "Put another way, we must grow the University, control and contain our costs and preserve quality. The time is now and the urgency is immediate."

Board members then voted to increase educational fees for the 2004-2005 academic year by 7.5 percent. Curators also approved new or increased supplemental

course fees in four MU academic divisions: \$35 per credit hour for undergraduate and graduate courses in the College of Agriculture, Food and Natural Resources, \$30 per credit hour for undergraduate and graduate courses in the College of Business and undergraduate courses in the College of Education that lead to teacher certification, and an increase from \$31.20 to \$35 for courses in the School of Journalism.

Following the board meeting, Floyd announced in an April 2 e-mail message to members of the MU community that he will appoint an interim chancellor at Mizzou who will

take office Sept. 1. Floyd also will form a committee to search for a permanent chancellor. He asked for written nominations for the interim chancellor's position by April 16.

"After consulting with many constituents on the MU campus and across the UM System, I have concluded it is in the best interests of all four campuses to maintain the position of MU chancellor and not combine it with the UM System president position," Floyd said. "We will continue to look at possible consolidations of other administrative functions to operate more efficiently."

**Library live chat**

Need a quick answer to a question? Not sure where to turn? MU Libraries is launching a new online service next week that will help you get your questions answered. Beginning April 12, Library staff will be standing by to respond to e-mail questions from MU students, faculty and staff.

The new service, called "Live Chat," will be available initially from 1 p.m. to 9:30 p.m. Monday through Thursday, and from 5 p.m. to 9:30 p.m. Sunday. Library staff suggest that questions be fairly basic and straightforward. More in-depth questions might

require additional research; in that case, answers will be e-mailed as soon as possible.

To access Live Chat, go the MU Libraries gateway at [mulibraries.missouri.edu](http://mulibraries.missouri.edu) and click on the "Ask a Question" button. The service is limited to MU faculty, staff and students. With questions, contact Ellis Library at 882-4581.

**Image and reality**

Historian James Ronda, who has written extensively about the Lewis and Clark expedition, will present a lecture on campus next week as part of MU's continuing celebration of the bicentennial of the

explorers' trek to the American West.

Ronda, professor of Western American history at the University of Tulsa, is a specialist on in the history of the exploration of the American West and a consultant for numerous television documentaries. His talk, sponsored by MU's Center for Arts and Humanities, will focus on "Jefferson's West: Image and Reality" at 7:30 p.m. Tuesday, April 13 in Gannett Auditorium.

The Center for Arts and Humanities presents "Jefferson's West: Image and Reality," a lecture showcasing

distinguished author James Ronda, who will address the historical significance and issues surrounding Lewis & Clark and the Louisiana Purchase. The lecture is free and open to the public and will be followed by a book-signing.

**Energy efficient**

Long before recent budget cutbacks, MU's Department of Energy Management was developing a plan to save energy. Annual savings have reached \$2.4 million and since 1990, MU has cut a total of \$13 million in energy costs, enough to earn several awards from the Environmental Protection

Agency.

"We implemented a plan to cut energy costs because it's the right thing to do, regardless of the budget," says Paul Hoemann, director of Energy Management. "We need to be careful stewards of the limited monetary and energy resources for the campus, and we believe our energy savings plan is accomplishing that."

With large-scale energy saving projects and reminders of the small actions that can accumulate into big savings, Energy Management has reduced the annual campus energy bill by \$2.4 million. Since 1990, the Energy

**'Berg support is solid as a brick**

**LANDMARK GIFT**

Last year's blaze fuels aid for MU academic program

For generations of Mizzou students, the Old Heidelberg Restaurant epitomized the quintessential campus watering hole. Located on Ninth Street, a stone's throw from the Columns, the "Berg," was the place to gather with friends, forget about term papers and exams, and cheer the Tigers to victory.

But on the morning of Aug. 18, 2003 — a week before classes

were to resume — a three-alarm blaze destroyed the campus landmark. Though the building may be gone, all those who carry a piece of the 'Berg in their hearts now can carry a piece of the tavern away for their mantles.

Heidelberg owner Dick Walls has donated nearly 4,000 bricks from the building's façade to raise money for the MU hotel and restaurant management program.

"We had hoped to incorporate the façade in the new building," says Walls, who opened the 'Berg in 1963. "When we learned that

wasn't possible, and knowing finances aren't the best at the University right now, I thought it'd be a way we could help."

Proceeds from the brick fundraiser will support a variety of needs in the program, says Sylvia Gaiko, associate professor and director of undergraduate programs and industry relations for the hotel and restaurant management program. "The fund will allow us to purchase new educational materials and industry-specific journals and software, subsidize student trips to industry association meetings,

provide new scholarships, and hire additional adjunct faculty support."

The program trains students for careers in the hospitality industry and combines skills in business, finance, marketing and communications to prepare students for lodging, food service and attraction management.

It is second-largest degree program by total number of undergraduate students in the College of Agriculture, Food and Natural Resources.


Walls says that the program's management-driven approach sets it apart from other hospitality programs. Walls' son Richard Jr., who helps run the

family businesses with his other son Rusty, is a graduate of the program.

The 'Berg bricks are available with a tax-deductible, \$30 donation to the hotel and restaurant management program, plus \$15 shipping and handling. Each brick has a brass plaque affixed that lists the restaurant's name and dates of business, and includes a certificate of authenticity.

Bricks may be ordered with a credit card by phone at 882-4114, or online at <http://cafmr.missouri.edu/bergbricks.asp>. Beginning Friday, April 16, bricks also may be purchased in person at 122 Eckles Hall from 1 to 4:30 p.m. on Fridays, and at Boone Tavern, 811 E. Walnut St.

Construction on the "new" Old Heidelberg is under way, and Walls hopes to open in time for fall classes. "I'm looking forward to being open again just as much as people want us to be open again," Walls said. "I know it's been a while, but hopefully the last class hasn't been held there."



**Parking & Transportation Services**  
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The PEDESTRIAN CAMPUS AREA is off limits to all motorized vehicles between 8:15 am and 3:45 pm., Monday through Friday when classes are in session. Entry by a vehicle into the pedestrian area is a violation of Columbia City Ordinance Section 14.180. Questions about access to the area may be directed to University Police at 882-7201.

<http://mubsweb.missouri.edu/parking>

**Attention: Venturing @ MU**

**MU Entrepreneurs**




Date: Tuesday, April 13  
Time: 4 p.m. - 6 p.m.  
Location: Reynolds Alumni Center

The MU Entrepreneurs' Group (E-Group) would like to invite everyone to join us for an exceptional opportunity to learn from a proven, successful, serial entrepreneur from Silicon Valley.

Dave Holt, president & CEO of Lightspeed Semiconductor (Sunnyvale, CA), will share his adventures as an entrepreneur and the lessons learned during his 16-plus years of start-up experience. Mr. Holt is a Columbia native and MU graduate.

The event is free to attend and no registration is required.

For more information, visit: <http://venturing.missouri.edu>

Sponsored by:   

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Writer/designer Sue Richardson

Management staff has coordinated the replacement of old equipment with new, more energy-efficient technologies, and installed more efficient lighting. In addition, they remind MU employees of simple contributions they can make to save energy.

"Turning off a typical computer every night and weekend saves \$60 annually, amounting to thousands when applied to the many computers used across campus,"

Hoemann says. "Efforts like this don't cost anything."

The projects MU undertakes always have a payback of five years or less. Other energy savings initiatives include:

Installing computerized energy controls to monitor, schedule and optimize building heating and air conditioning systems, completing numerous building-energy surveys and audits each year to identify energy saving opportunities, installing thousands of motion sensors to turn off lights in unoccupied areas, and replacing old heating and air conditioning equipment in many buildings with more efficient equipment and designs.

**Reason for rhymes**

April is National Poetry Month, and MU Libraries is celebrating. Through April, you can verify your knowledge of verse by correctly identifying a line or stanza of a poem displayed at the Bookmark Café on the west side of Ellis Library's ground floor. The first customer each day to correctly identify the poet wins a free coffee drink.

The libraries will sponsor a poetry reading at the Bookmark Café from 7 to 8:30 p.m. Wednesday, April 14. Joanie Mackowski, Andrew Mulvania, Bern Mulvey and Kris Somerville will read poetry

selections. For more information about National Poetry Month visit the Academy of American Poets Web site at [www.poets.org](http://www.poets.org).

**Celebrating campus authors**

Faculty scholarship plays a vital role in advancing the University's teaching and research missions. The University Bookstore will recognize those accomplishments by hosting a "Celebrating Campus Authors" reception from 4 p.m. to 6 p.m. Thursday, April 8 in the bookstore on the main level of Brady Commons. The reception, which is open to the public, will honor faculty and staff who had trade and academic press publications in 2003.

# Campaigns launch PAC attacks

As campaign ads endorsed by John Kerry and George Bush bombard the public, another form of political advertising is in full swing. Political action committees (PAC) across the country are advertising heavily and have become increasingly popular in this election year, according to communication professor William Benoit, who found these ads are more negative than candidate-sponsored ads.

"PAC ads function like surrogates, attacking the opposition so the candidates can attack less, which will hopefully avoid or minimize the typical charges of mudslinging by the candidates," Benoit says. "Certainly we have not seen this much activity in general PAC ads

this early in the year before."

Organizations such as the Club for Growth, Take Back America, and Truth and Hope ran 14 ads during the Democratic primary. Benoit found that 49 percent of their statements attacked presidential candidates, while 51 percent of their statements remained positive. The ads from the Democratic primary candidates were distinctly different: 79 percent of their statements were positive, with only 21 percent negative.

The general campaign PAC ads were even more negative, Benoit found. Of the 21 spots sponsored by such organizations as MoveOn.org, the Media Fund, and Grassfire.org, 93 percent of the statements were attacks on Bush or Kerry, while only 7

percent were positive.

"Historically, general campaign ads from candidates are 60 percent positive and 39 percent attacks, with 1 percent defending against attacks," Benoit says. "Bush and Kerry have only run a few ads, so there is little evidence about how negative or positive their campaigns will be. Still, at this

point, 65 percent of the statements in their ads are positive and 29 percent are negative, with 6 percent defending against attacks."

Benoit also found that the 2004 primary PAC ads focused more on policy than character, with a 65 to 35 percent comparison. Democratic primary spots this year had a similar emphasis, with 61 percent policy attacks and 39 percent character attacks. The general PAC ads are more balanced, with 56 percent

policy attacks and 44 percent character attacks. Historically, candidate ads and the ads run so far by Bush and Kerry discuss policy slightly more than PAC ads.

Other information about the 2004 presidential campaign, along with historic contextual information, can be found at Benoit's Presidential Campaign 2004 Web site: <http://presidentialcampaign2004.coas.missouri.edu/>.

## IN brief

**Oral poetry still a vital cultural tool**

John Foley, professor of classical studies and English, recently received the 2003 Outstanding Academic Title Award from *Choice* magazine for his book *How to Read an Oral Poem*. This is his second book to receive the award. His first book, *Homer's Traditional Art*, published by Pennsylvania State University Press in 1999, won the award in 2000. Less than 3 percent of the 23,000 titles submitted to *Choice* are awarded this prize. Books are selected for their excellence in scholarship and presentation, and their contribution to the field.

*How to Read an Oral Poem* assists readers who may not be experienced in the field to grasp the ideas and meanings behind oral poetry and better understand the context. Foley draws from dozens of examples, including a North American slam poet, a Tibetan paper-singer, Mayan storytelling, South Slavic oral poetry and an ancient Greek bard. He explains that although oral poetry long predates the invention of writing, it continues to be a vital culture-making and communications tool in societies around the world. Foley enhanced his book by including audio and video examples of oral poetry, which are available at [www.oraltradition.org](http://www.oraltradition.org).

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# calendar



## Concerts & Plays

### Thursday, April 8

**BLACK CULTURE CENTER**  
**PLAY:** "How Blak Kin Eye Bee?" a one-man show written and performed by Jeff Obafemi Carr, will use acting, interactive music, multi-media imagery and audience participation to explore what it means to be black in a changing world from 7:30-10:30 p.m. at the Gaines/Oldham Black Culture Center.

**JAZZ SERIES:** The Herbie Hancock Quartet will perform at 8 p.m. in Jesse Auditorium. Ticket information is available at all Ticketmaster locations or call 449-3001.

### Friday, April 9

**STUDENT RECITAL:** Clarinetist Marcos Cohen will perform at 7 p.m. in Whitmore Recital Hall. Suggested donation \$5; free for MU students with IDs.

### Saturday, April 10

**STUDENT ENSEMBLE**  
**SERIES:** The World Percussion Ensemble will perform at 8 p.m. in the Missouri Theatre. Suggested donation \$5; free for MU students with IDs.

### Monday, April 12

**STUDENT ENSEMBLE**  
**SERIES:** MU Jazz Bands will perform at 8 p.m. in the Memorial Union's Stotler Lounge. Suggested donation \$5; free for MU students with IDs.

### Tuesday, April 13

**UNIVERSITY CONCERT**  
**SERIES:** *Singin' in the Rain* will be performed at 7 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

**STUDENT ENSEMBLE**  
**SERIES:** Hitt Street Harmony will perform at 7 p.m. in Whitmore Recital Hall. Suggested donation \$5; free for MU students with IDs.

### Thursday, April 15

**FACULTY RECITAL:** The Missouri Quintet will perform at 3 p.m. in Whitmore Recital Hall. Suggested donation \$5; free for MU students with IDs.  
**UNIVERSITY CONCERT**  
**SERIES:** Folk music legends Peter, Paul and Mary will perform at 7 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

### Friday, April 16

**STUDENT ENSEMBLE**  
**SERIES:** The Symphonic Wind Ensemble will perform at 8 p.m. in Jesse Auditorium. Guest conductors John Bourgeois, former director of the Marine Band, and Robert Foster, former director of bands at the University of Kansas, will direct an evening of music by John Phillip Sousa titled "Stars, Stripes and Sousa." Suggested donation \$5; free for MU students with IDs.

## Conferences

### Saturday, April 10

**PHILOSOPHY**  
**CONFERENCE:** "Equality, Poverty and Global Justice" will feature speakers Thomas Pogge from Columbia University, Mathias Risse from Harvard University and Larry Temkin from Rutgers University. For more information, visit the Web site at [web.Missouri.edu/~philwww/activities/futurekline.html](http://web.Missouri.edu/~philwww/activities/futurekline.html) or call the Department of Philosophy office at 882-2671.

## Courses & Workshops

### Thursday, April 8

**COMPUTER TRAINING:** "Dreamweaver 2: Graphics & Links" will be presented at 8:30 a.m. in N15 Memorial Union. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

### Friday, April 9

**COMPUTER TRAINING:** "Minitab: Intermediate" will be presented at 8:30 a.m. in 3

Cornell Hall. "Dreamweaver: Cascading Style Sheets" will be presented at 1 p.m. in N15 Memorial Union. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

### Tuesday, April 13

**COMPUTER TRAINING:** "Dreamweaver 3: Tables & Site Testing" will be presented at 1 p.m. in N15 Memorial Union. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

### Wednesday, April 14

**COMPUTER TRAINING:** "Access XP Queries" will be presented at 8:30 a.m. in N15 Memorial Union. "XHTML 1: Basic Coding" will be presented at 1 p.m. in N15 Memoria Union. "PowerPoint XP Visual & Special Effects" will be presented at 1 p.m. in 215 Telecom Building. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

### SAFETY WORKSHOP:

"Ergonomics" will be presented from noon-1 p.m. in 12 Research Park Development Building. Registration is required; call 882-7018.

### Thursday, April 15

**COMPUTER TRAINING:** "Dreamweaver 1: Workspace, Pages & Text" will be presented at 8:30 a.m. in N15 Memorial Union. "Photoshop 7.0 Pixels, Color & Layers" will be presented at 1 p.m. in 215 Telecom Building. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

### Friday, April 16

**HUMAN RESOURCES**  
**WORKSHOP:** "Time Management" will be presented from 9-11 a.m. in S203 Memorial Union. Registration is required; call 882-7760.

### COMPUTER TRAINING:

"Minitab: Statistics" will be presented at 8:30 a.m. in 3 Cornell Hall. To register, call 882-2000 or visit [iatservices.missouri.edu/training](http://iatservices.missouri.edu/training).

## Exhibits

**BRADY GALLERY:** Recent photography by Chris Flinchpaugh and two-dimensional mixed media works by Sheila Flinchpaugh will be on display through April 16 in

the gallery located in 203 Brady Commons.

**BINGHAM GALLERY:** "Busting Out...Your Art is Showing" an exhibit of works by graduating seniors, will be on display through April 15 in the gallery located in the Fine Arts Building.

### MUSEUM OF ART AND

**ACHAEOLOGY:**  
 • "Art about Art" is on display through 2004.  
 • "Graphic Diversity: 500 Years of Printmaking" is on display through May 22.  
 • "Selections of Ancient Glass" is on display through 2004.

The museum, located in Pickard Hall, is open from 10 a.m.-4 p.m. Wednesday-Saturday.

### STATE HISTORICAL

**SOCIETY:**  
 • "To Be a Witness: The Photography of Edward Sheriff Curtis" is on display through June in the main gallery. Gallery hours are Monday-Friday 8:30 a.m.-4 p.m.  
 • "The First Commemoration: The Lewis and Clark Expedition, 1904" is on display through April in the north-south corridor. Corridor hours are 8 a.m.-4:30 p.m. Monday-Friday and 9 a.m.-4:30 p.m. Saturday.

## Lectures & Seminars

### Thursday, April 8

**CHEMICAL ENGINEERING**  
**LECTURE:** Thomas Wheelock from Iowa State University will present "The Development of an Advanced Calcium-Based, Core-in-Shell Sorbent" at 3:30 p.m. in Ketcham Auditorium in the Engineering Building East.  
**NUTRITIONAL SCIENCE**  
**SEMINAR:** Doctoral candidate Robert Irons and Kevin Fritsche, associate professor of animal sciences, will present "Fish Oils: Omega-3 Fatty Acids and Acquired Immunity to Infectious Diseases" at 4 p.m. in 209 Gwynn Hall.

### Saturday, April 10

**GRADUATE TECHNOLOGY**  
**SEMINAR:** "How to Use Technology to Improve Writing for Graduate Students" will be presented from 9 a.m.-noon in the Memorial Union's Stotler Lounge.

### Monday, April 12

**ART & ARCHAEOLOGY**  
**LECTURE:** Nancy Reed, associate professor of classical art and archaeology at Texas Tech University, will present "From the Playing Field to the Battlefield: Physical Fitness Among the Ancient Greeks" at 5:30 p.m. in 106 Pickard Hall. An reception will be held at 5 p.m. in the Cast Gallery at Pickard Hall.

**SOIL SCIENCE SEMINARS:**  
 • Brent Myers, a graduate student in soil science, will present "Estimation of Soybean Root Length Density with Direct and Sensor Based Measurements of Claypan Morphology" at 4 p.m. in 123 Natural Resources Building.

• Nazifi Rabiou will present "Polyacrylamide (PAM) Application for Construction Sites Erosion Control" at 5 p.m. in 123 Natural Resources Building.

### Tuesday, April 13

**LEWIS & CLARK LECTURE:** James Ronda, professor of American history at the University of Tulsa who has written extensively about the Lewis & Clark expedition, will present "Jefferson's West: Image and Reality" at 7:30 p.m. in Fisher Auditorium in Gannett Hall. A book signing will follow the lecture.

**MISSOURI INNOVATION**  
**SEMINAR:** Dave Holt, president and CEO of Lightspeed Semiconductor, will share his adventures as an entrepreneur and the lessons he has learned in his more than 16 years of start-up experience from 4-6 p.m. in the Reynolds Alumni Center.

**NUCLEAR ENGINEERING**  
**SEMINAR:** Joseph Cerny from the University of California-Berkeley will present "A National Strategic Plan for Education in Nuclear Science and Engineering" from 4-5 p.m. in E1419 Engineering Building East.

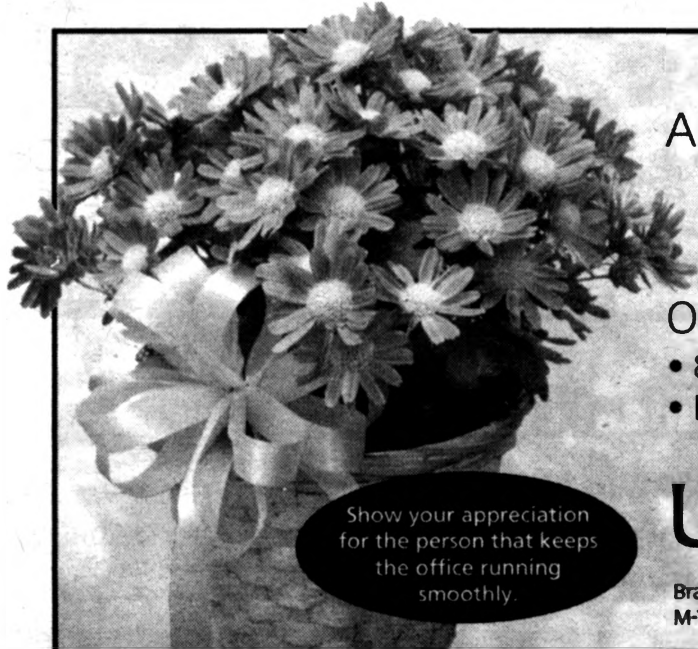
**WELLNESS SEMINAR:** As part of Wellness Month 2004, "While You Were Out: A Discussion on the Effects of Advertising Targeted at the LGBT Community" will be presented from 12:30-1:30 p.m. in 234 Brady Commons.

### Wednesday, April 14

**ART & ARCHAEOLOGY**  
**LECTURE:** Bernadette Fort from Northwestern University will present "The Greuze Girl and the Seduction of the Beholder" at 4 p.m. in 106 Pickard Hall. A reception will be held at 5 p.m.

**ENVIRONMENTAL**  
**STUDIES SEMINAR:** Rob Slotow from the Amarula Elephant Research Program in Durban, South Africa, will present "Managing Elephants: Do We Really Know What We are Doing?" at 7 p.m. in 100-Stewart Hall.

**PEACE STUDIES LECTURE:** Bob Edgar, a former congressman and the current general secretary of the National Council of Churches, will present "The Role of Faith Communities in U.S. Foreign Policy Today" at 8 p.m. in Keller Auditorium in the Geology Building.



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## ADMINISTRATIVE PROFESSIONAL SECRETARY'S WEEK

April 19-23

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**Thursday, April 15**

**CHEMICAL ENGINEERING LECTURE:** Joel Fried from the University of Cincinnati will present "Molecular Simulations of Ion and Gas Transport in Macromolecular Systems" at 3:30 p.m. in Ketcham Auditorium.

**ENVIRONMENTAL STUDIES SEMINAR:** Jon Erickson from the University of Vermont will present "I Have Seen the Enemy and He is an Economist: Economic Lessons for the Ecologically Literate" at 4 p.m. in 112 Lefevre Hall.

**NUTRITIONAL SCIENCE SEMINAR:** Kevin Short from the Endocrinology Research Unit at the Mayo Clinic will present "Aging and Aerobic Exercise Effects on Muscle Mitochondrial Metabolism" at 4 p.m. in 209 Gwynn Hall.

**Meetings**

**Thursday, April 8**

**STAFF COUNCIL:** The Staff Advisory Council meets at 1:15 p.m. in S204 Memorial Union.

**Thursday, April 15**

**FACULTY COUNCIL:** The council meets at 3:30 p.m. today and May 6 in S203 Memorial Union.

**Special Events**

**Friday, April 9**

**MU REMEMBERS:** This annual campus event, which commemorates Mizzou students who have died since April 2003, will take place at 2 p.m. in the Memorial Union's Stotler Lounge.

**Wednesday, April 14**

**KOREAN STUDENTS RESEARCH EVENT:** The MU Korean Student Association will share its members' research activities with the campus community at a poster day from noon-4:30 p.m. in the Memorial Union's Stotler Lounge.

**MU program monitors Missouri's lakes**

**WATER PATROL** Volunteer teams keep track of pollutants

The waters of Table Rock Lake are a little less murky than they used to be, an MU lake monitoring program reports, but many parts of the lake remain vulnerable to runoff from urban and agricultural sources.

Dan Obrecht says he started to notice lower phosphorus levels in the upper portion of the lake as soon as the upgraded sewage treatment plant at Springfield, Mo., went on line several years ago.

"The latest upgrade to the treatment plant was in 2001, and that's when we really started to see the difference," says Obrecht, director of the MU Lakes of Missouri Volunteer Program, which monitors the water quality of lakes throughout the state. "The phosphorus levels really went down in the James River, below the plant, and we're finding lower levels of phosphorus in the upper portion of the lake."

Phosphorus is a naturally occurring nutrient that promotes algal growth. Human influences have led to an increase in phosphorus entering Table Rock Lake, causing algal blooms that cloud the water.

Lakes of Missouri volunteers monitored 19 different sites at the 43,000-acre lake in 2003. At some James River sites, the most recently recorded phosphorus levels were less than one-tenth what they were in 1989, when limnologists began monitoring the pollution levels. In parts of Table Rock Lake itself, phosphorus levels are now about half of what they were only a few years ago.

Phosphorus levels and the associated algal growth correlate closely with water clarity, says Tony Thorpe, who coordinates the lake volunteers. "Water clarity decreases dramatically once phosphorus levels reach 15 parts-per-billion. Once you get below that level, there's a big payoff."

"People started noticing a decrease in the clarity of the lake water," Obrecht says. "Where you used to be able to see the bottom of the lake at the end of the dock, suddenly, it wasn't there anymore."

Phosphorus overload led to algal blooms and even fish kills — some of which occurred on Memorial Day and Fourth of July weekends. "Those weren't

exactly a big selling point for the tourist industry," Obrecht recalls. "People were suddenly saying, 'Hey, we'd better do something about this.'"

Lakes of Missouri found no lack of volunteers, he says. "There was a group of citizens concerned about water quality, and they were willing to help in any way they could. There's a lot more grassroots effort around Table Rock than in other parts of the state. Without that, I don't know whether the plant upgrade would have gone through."

Springfield, by far the largest city in the James River watershed, initiated a series of programs in the 1990s to minimize phosphorus discharge, including several treatment plant

upgrades and a municipal ordinance limiting the use of products containing phosphorus.

Despite the plant upgrade, "people need to be aware that there are still other threats to water quality," Obrecht says, noting that about a third of the phosphorus in Table Rock comes from non-point sources such as agricultural field runoff. "It's difficult to monitor where it's coming from, and it's almost impossible to regulate."

Thorpe agrees. "The treatment plants are easy to go after — like low-hanging fruit," he says. "After that, it gets harder. At a lot of Table Rock sites, just a little more phosphorus would make the water a lot less clear, and a little less phosphorus would make the water a lot more clear."

**CONGRATULATIONS!**

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# Voyage of discovery

## LAYERS OF TIME

Rocheport river bluffs frame artwork series

**B**rooke Cameron, taking the travels of Lewis and Clark as her inspiration, recently set out on her own voyage of discovery — a modern-day trek to create a collection of landscapes from the explorers' journey through Missouri two centuries ago.

The result is a series of etchings, hand-printed, signed and numbered by the artist. Each one, says Cameron, professor of art, is about "layers of time and layers of drawings." All were

encouraged by the river bluffs at Rocheport, Mo.

"I have seen the cliffs for years and always thought about doing something with them," Cameron says. "One day, I realized that the 200th anniversary was coming up. I remembered that Lewis and Clark paddled right by them and I thought, 'Yeah, I think I will do this.'"

Cameron begins with a design that she works through a coating onto a metal plate. She exposes the plate to acid that eats into the metal and holds the ink. Prints can then be hand-pulled on a press.

To kick-start her investigation of the subject matter, Cameron drew on the expertise of MU geographer Jim Harlan, and Missouri conservationist and historian James Denny. She then studied the watercolors of Swiss artist Karl Bodmer, who painted scenes from the route in the 1830s.

Traveling by car, on foot and a river barge, Cameron's exploration took her from River Dubois upstream from St. Louis, where Lewis and Clark camped before they left on their two-year journey in 1804, to Fort Clatsop, Ore., the volunteers' winter headquarters.

Tracing the route made the Wisconsin native feel right at home. "One of the things I miss the most in Missouri is being

around lakes and rivers," she says. "It was nice being on the water, watching the currents and the light hitting the water."

The physical enjoyment of being on or near the river was just one half of the journey. Cameron says the other part was intellectual, "It was interesting talking to Jim Harlan who knows everything there is to know about the route, and to Jim Denny about the campsites and physical places. He can tell exactly where they put their campfire every night."

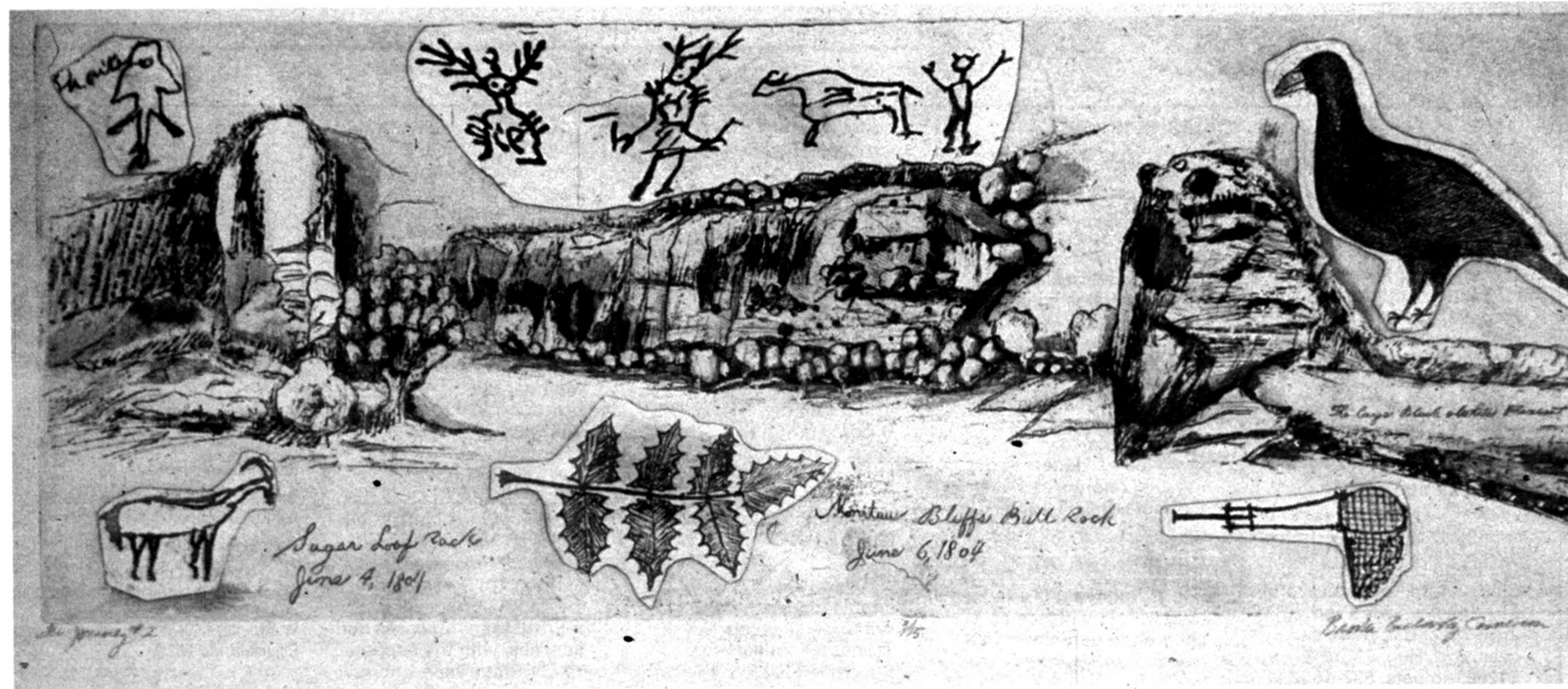
Her expedition netted four prints portraying the land and water that welcomed Lewis and Clark. For further visual interest, she added some of Lewis' own sketches to each piece, using both 15th century and 20th

century methods. So that Lewis' drawings would reproduce precisely, she applied a photographic technique on the traditional etching plate. This process is challenging: She has to get both the etching and photograph on the same plate without having them bump into each other. "The idea of doing photo etching is relatively recent, maybe 40 years old," she says. "The only thing easy about this whole process was the printing."

Copies of the prints have been entered in national juried shows, and some are on display at various locations in Boone County, including MU's Jesse Hall. Some have been sold, and others are part of the permanent collections at the American Philosophical Society in Philadelphia and the Newbury Library in Chicago. Details from some of the prints will appear in the Spring 2004 edition of *Illumination*, one of MU's research magazines.

Even with all this exposure, Cameron says she is not getting rich from the project. Mostly it is a labor of love. "I cannot honestly say I am into profit yet," she says. "I have had to pay copyright fees to use the images, and as an artist, you cannot count your time. Two years of my research time has been tied into this and other projects. If you are not interested in it, you would not do it in the first place. This has always been an interest of mine."

**LABOR OF LOVE** Art professor Brooke Cameron drew inspiration from the explorations of Lewis and Clark for a series of landscape etchings that celebrate the expedition's journey through Missouri two centuries ago. Rob Hill photo



# Get out the vote

## ELECTIONEERING

MU Extension is helping train Missouri's poll workers

**P**ilot training sessions begin this month to prepare election officials to train 20,000 Missouri poll workers for the record voter turnout expected this November.

Armed with a \$730,000, 12-month grant, MU Extension is working with election officials statewide to implement poll-worker training mandated by the federal Help America Vote Act, or HAVA.

"At this juncture, we're nearing completion of the training materials," says Mary Leuci, MU Community Development program director. "We begin the pilot trainings in late April with elections officials from six counties. Those are sessions for training the trainers."

"We've prepared a comprehensive training package that can be adapted locally," says Diane Kuschel, project coordinator for the extension effort. The package includes a training manual, PowerPoint slides, videos and other teaching tools. An interactive CD and website will be available for supplemental training.

Betsy Byers, elections co-director for the Missouri Secretary of State's office, says her office will "see how it goes in April and make any changes that need to be done for the presentations in June," when general poll-worker training begins.

"The challenge," Byers says, "is to come up with specific programs on procedural matters so people across the state are doing the same thing, and at the same time allow flexibility for local election authorities to conduct their county-specific business."

Kuschel says local election authorities, while probably continuing to concentrate largely on polling place procedures, "will now have broader training available for their poll workers." The HAVA-based plan calls for training in civil rights, customer service and dealing with voters with disabilities or special needs, and an emphasis on ballot accounting and security.

"Extension will focus on these areas," she says. "We'll show poll workers how to deal with someone who's angry, or who doesn't understand the process of voting. How do you provide service in a polite and friendly manner, treating everyone with respect? It doesn't matter who the voter is: It's their right no matter what age, what language



they speak or what their ethnicity is."

Extension's role will change from county to county, Leuci says. "Maybe we'll help with training, maybe help them find a meeting place or set up a meeting, or get the equipment they need. We'll be available to assist election officials in any way they desire."

That assistance could vary greatly, Byers says. "We have such varying demographics in Missouri — major metropolitan areas and rural counties — and it's hard getting procedures in place that they all can use."

For instance, St. Louis County has more than 600,000 registered voters, while Worth County in northwest Missouri has only about 2,200, Byers says. "So, the program has to be flexible enough for each county to implement these things in its own way."

One important area of training is the use of provisional ballots, which is "a last resort that voters haven't had in the past," says Wendy Noren, Boone County clerk and a member of the project advisory board.

A provisional ballot might be necessary when, for example, a person has registered to vote at the Department of Motor Vehicles "and the paperwork doesn't come through," Noren says. "The voter has done everything right, but there's been an administrative glitch. That provisional ballot protects their right to vote in state and federal elections."

The use of provisional ballots "is really restricted in Missouri," she says. "We'll need as much information from the voters as possible, and the poll worker is key to filling out that affidavit properly, which allows us to track that registration."

The big poll-worker-training push is scheduled for June 9-18, Kuschel says. "We'll be going across the state to eight different locations — a traveling road show." Extension workers mostly will deal directly with election authorities and their staffs, she said.

"We want the public to understand there's a major effort going on to improve the process," Leuci says. "The whole point is to have the best, fairest elections process possible — with no fiascoes."

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# Horse study asks, 'No pain, more gain?'

## COMPUTER GRAPHICS

Motion detection system track drugs' impact on lame horses

Whether it is in the Olympics, Major League Baseball, college football or horse racing, the use of multiple pain-relieving drugs to enhance performance is a major concern. Now, one MU veterinarian is testing different combinations of non-steroidal, pain-killing drugs in horses to determine if their use actually enhances performance and to

identify any side effects the drugs may cause.

"Our hypothesis is that combining drugs won't make much difference on the lameness of the horse," says Kevin Keegan, associate professor of veterinary medicine and surgery. "Our previous research shows that combining drugs does not contribute to better performance of these horses and in fact, may even cause harm to the animal."

To study the horses' conditions before and after drug treatment, Keegan uses a sophisticated computer motion detection system—the same

system used for computer generated graphics in movies such as *The Lord of the Rings*.

Lame horses are brought to the College of Veterinary Medicine where they are treated with one of two different drug combinations. Keegan, who does not know which combination the horse has received, then attaches reflective markers to the horse at various places on its body and places it on a treadmill.

Once on the treadmill, cameras film the horse from several angles and feed the data into a computer, which analyzes the movement at specific points

designated by the markers. Depending on the positions of the markers as the horse moves, the camera can determine whether or not the horse is exhibiting signs of lameness. So far, Keegan has examined 20 horses, and he hopes to examine at least 35 by the end of the study.

"These drugs that we are using in this study are not steroids or stimulants," Keegan says. "Often the horse might appear to be moving fine to the human eye after a drug treatment, but this motion detection system can see the finer points of movement. Since we're examining the horse both before and after two different

drug treatments, we are able to analyze in detail whether these drug combinations actually help the horse."

Within the same study protocol, other MU scientists also are investigating if an increased risk of gastrointestinal problems with the use of combinations of drugs exists. While people who treat the horses may feel they are helping the animals overcome pain, they actually may be increasing the damage caused to them, Keegan says. Keegan's research is being funded by the United States Equestrian Federation.

### Position Announcement

## Director, Center for Arts and Humanities

Office of Research

The Office of Research is seeking applicants/nominations for the position of Director, Center for Arts and Humanities. We are seeking a faculty member who will continue to expand the role of the Center.

The MU Center for Arts and Humanities was established in 2002 to nurture disciplinary and interdisciplinary research, teaching and public performance in the humanities, fine arts and related disciplines. With its close ties to the Office of Research, the Center also provides expert technical support for grant writing and related activities.

This position is a .25 FTE appointment for the Fall 2004 and Winter and Summer semesters of 2005. The position begins with the start of the Fall 2004 semester.

**Responsibilities:** Provide leadership for the Center; expand and develop the program. Provide the Vice Provost for Research with a strong and meaningful link to humanities and arts faculty. Collaborate with the Office of Undergraduate Research to foster and promote undergraduate research in the humanities, arts, and related disciplines. Identify funding sources and development opportunities for the Center. Promote the arts and humanities through support of individual faculty activities and/or department collaborative programs.

Salary: 25% of academic year plus 1 summer month.

**Qualifications:** Tenured status in one of the humanities, arts, or related disciplines. A history of productive activity in extramural funding and in scholarship or creative activity; ability to lead cooperative efforts in scholarly endeavors.

**Application:** Submit a letter detailing relevant experiences and outline how this position fits your career goals. Please include a curriculum vita, as well as the names and contact information (including e-mail addresses) for three references.

Deadline for receipt is May 1, 2004.

Send materials and direct all questions to:  
James Coleman, Vice Provost for Research  
Office of Research  
205 Jesse Hall

### Position Announcement

## Faculty Fellow

Office of Research

The Office of Research is seeking applicants/nominations for the position of Faculty Fellow. We are searching for a faculty member who will assist with the Office of Research's programs for internal grants, help create a clearinghouse for "broader impact" activity (as defined by NSF), and facilitate committee appointments. This provides an exciting opportunity for a faculty member to directly participate in the interdisciplinary activities of the Office of Research and to help shape research programs at MU.

This position is a .25 FTE appointment for the Fall 2004 and Winter and Summer semesters of 2005. The position begins with the start of the Fall 2004 semester.

**Responsibilities:** Assist with special interdisciplinary activities, internal research grants programs, serve as a resource for faculty preparing external proposals, and participate in Office of Research planning.

**Expected Benefits:** Return to home department with a better understanding of the administrative challenges at MU, share the knowledge and information gained with members of the home department and college, and obtain diverse administrative experiences.

Salary: 25% of academic year plus 1 summer month.

**Qualifications:** Tenured status; history of productive activity in extramural funding and in scholarship or creative activity; ability to lead cooperative efforts in scholarly endeavors; experience in interdisciplinary research, and internal grants programs.

**Application:** Submit a letter detailing relevant experiences and outline how this position fits your career goals. Please include a curriculum vita, as well as the names and contact information (including e-mail addresses) for three references.

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