

MIZZOU

WEEKLY

University of Missouri-Columbia Feb. 12, 1998

INSIDE THE WEEKLY

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'More than a number'

Campus Advisors Forum puts academic advising front and center at MU.

Mizzou's corps of professional academic advisers has seen a number of changes in the advising process in recent years. The semester-beginning ritual of registration is just one example. More than 20 years ago it was a frantic two- or three-day purgatory in the bowels of Brewer Fieldhouse. Today's students have the option of registering for classes in a streamlined computer-enhanced operation in Brady Commons, by telephone, or even through on-line registration over the Internet.

But some things in advising haven't changed, says Donna Hanly, academic adviser in political science. Professional advisers are still there to support students throughout their academic careers at Mizzou. That includes everything from helping them with their freshman year struggles to planning for graduate school and career options.

"We're very interested in student success," Hanly says. "We want them to

know they are more than a student number to us."

Hanly's colleagues sound the same theme. More than a decade ago, Mizzou's academic advisers — nearly 60 professionals from every corner of campus — formed the MU Advisors Forum as a way to underscore the importance of academic advising.

That group has been singularly successful in building support for advising on campus. Thanks to funding from the Provost's office, as well as from deans and departments, the Advisors Forum has been able to focus on professional development in recent years. Members are able to attend more professional meetings and workshops, then bring that knowledge back to campus.

They're being recognized for their accomplishments by national and regional organizations. In fact, advisers at MU played a major role in organizing the Missouri Academic Advising Association,

the state's first such professional organization. And in November, the Advisors Forum adopted a campuswide mission statement for advising.

The forum also has been influential in bringing national speakers to campus. Advisers are having an active voice in important campus committees, and are adding their unique perspective on advising to policy decisions.

"The primary concern of this professional advising group is the quality of advisement on campus," says Gil Porter, director of MU's General Education Program and coordinator of campus advising. "They are the ones who deal directly with student advising issues every day. They are in the trenches doing the major work of campus advising."

Porter points to a number of changes and challenges that Mizzou's professional advisers have faced in recent years. As the requirements of MU's general education program for undergraduates was phased

in, for example, advisers were the ones who had to keep up with the changing rules and explain them to students.

Ruth Wright, coordinator of the Advisors Forum, like most professional advisers at MU, has noticed other changes. "I think our students are so much more talented today," says Wright, senior academic adviser in arts and science. "They stretch us to know what their options are." Some students, she says, want to balance three or four different academic and career options while they attend Mizzou.

Technology has made an impact on advisers' jobs as well, Wright says. Now, with such tools as electronic registration and degree auditing available to students, the adviser's role "become far less one of policing and more one of assistance with problem solving."

Nancy Stull, director of academic advising for business and public administration, puts it this way: "The mechanics of registration has changed a lot, and that frees up advisers to spend more time visiting with students about the important things. When they come in to talk, we can concentrate on the things that

See Forum, Page 3

Writing Intensive

University Bookstore promotes its campus authors section with Focus on Faculty program.

Writing books is not a novel idea for MU's faculty and staff. In the past five years alone, faculty members campuswide have published 397 books, covering agriculture to veterinary medicine and everything in between.

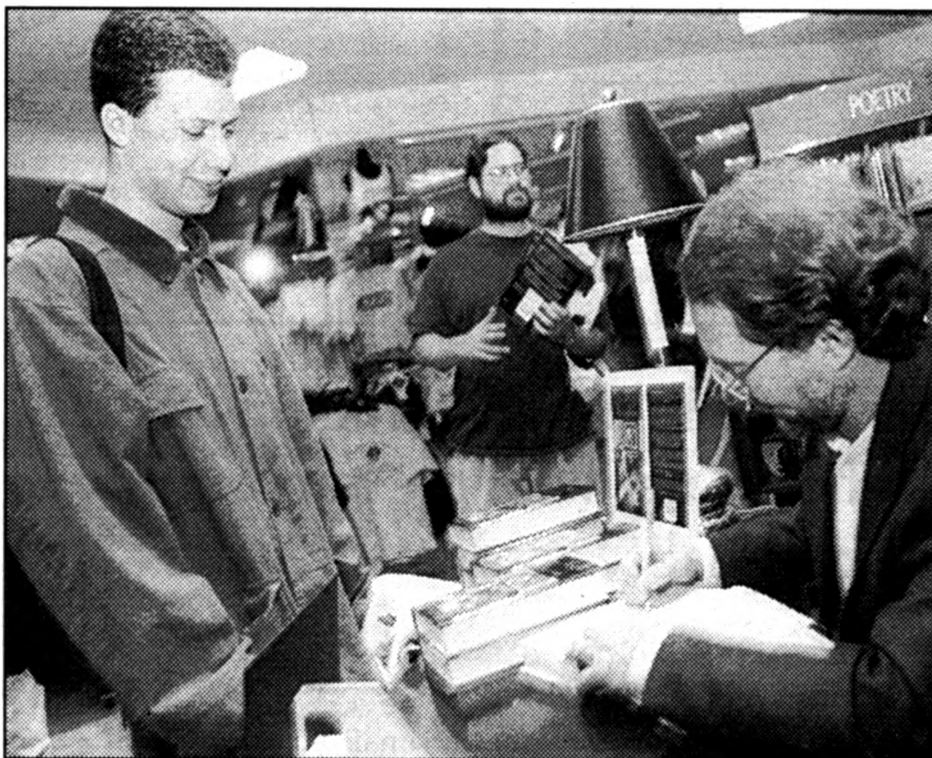
Some of this productivity can be found on the main floor of University Bookstore in the campus authors section, where more than 200 titles written by faculty and staff members adorn shelves along the southwest wall.

"The section attracts attention from the campus community, and visitors from out of town, particularly parents of prospective students, often are drawn to it to see what our people are doing here," says Barb Andrews, manager of general books.

To further draw attention to this particular area, University Bookstore has set up a new monthly program. Focus on Faculty brings an author to the store twice a week — Tuesdays at noon and Thursdays at 5 p.m. — to meet shoppers, review the author's work and, of course, sign copies for those who purchase.

"The bookstore is committed to celebrating our campus authors," Andrews says. "This is not a must-buy activity. We just want everyone to stop by and congratulate the authors."

This month's featured guest agrees.



Nancy O'Connor photo

"The bottom line is to encourage reading, not just to sell books," says Steven Watts, professor of history. "If nothing else, the public can come by and immerse itself in all the products and books of all kinds that the bookstore offers." To sweeten the pot, refreshments will be served during the Thursday sessions.

Watts will be at the store at 5 p.m. today to talk about his latest book *The Magic Kingdom: Walt Disney and the American Way of Life*, published in late December by Houghton Mifflin Co. of Boston. The book is partly a biography of Walt Disney and partly a cultural analysis of Disney's impact on modern American

Steven Watts, professor of history, signs a copy of his latest book for sophomore Josh Pearl of Chicago. Watts was at University Bookstore Feb. 10 to discuss his recently published tome that chronicles the life of Walt Disney and the impact Disney's four-year stay in the rural Missouri town of Marceline had on his own life and work, as well as generations of Americans.

life.

Overall the book covers the politics behind Disney's films and productions, — which Watts says Disney always

denied — the artistic influence of the productions and it examines the Disney enterprise in terms of its marketing and merchandising aspect.

In connecting Disney to the unfolding of American history, for example, Watts looks at the relationship of Disney to the Great Depression and to the Cold War. Disney's 1930s film *Three Little Pigs* is symbolic of the Depression, Watts says. "I found a great number of film critics, commentators and politicians saw that film as an allegory of the Depression, comparing it to the big bad wolf and the pigs as common citizens learning virtues of hard work and perseverance."

Disney's Davy Crockett films and television series were representative of America and the Cold War, Watts says. "I spent a lot of time looking at the Crockett craze in the 1950s and the image of Crockett as the frontier individual, rifle at his side, fighting for American liberty and freedom."

Calling the Focus on Faculty program a "good idea," Watts says it's easy to forget that MU, one of the great public universities in the country, has a lot of fine publishing authors. "This is a good way to bring authors to the attention of the campus."

Andrews wants suggestions on how the bookstore can improve these sessions. With your ideas, give her a call at 882-8525.

"We are proud to be able to present a section that reflects the interests of our authors," she says, "as well as shows the research that is taking place on campus."

On pages 6 and 7 of this issue, *Mizzou Weekly* publishes a complete list of books by MU faculty that were published during the 1996-97 academic year.

MISSOURI GOVERNOR WILL PRESENT B&PA'S SCHRAM LECTURE

Gov. Mel Carnahan's efforts to strengthen Missouri's economy through international trade have taken him to many countries, including Korea, Argentina and Mexico. Last July, he led a trade mission to Southeast Asia. In November, he headed another delegation to Eastern Europe.

Carnahan will address international trade and the intent of a trade mission when he presents this year's John Schram Lecture in International Business, sponsored by the College of Business and Public Administration. The governor

will speak on "The Role of Missouri in the Global Marketplace" at 2 p.m., Friday, Feb. 20 in Room 7 Hulston Hall.

John Schram, a 1958 MU alumnus, is the founder and CEO of Schram & Company, a worldwide import, design and consulting firm that focuses on apparel and textile trading and whose clients include companies such as Reebok, Patagonia, Land's End and Asics.

"Among the important aims of the degree programs in B&PA are creating an understanding of economies and markets around the world and developing skills required in international commerce," says

Bruce Walker, dean of business and public administration. "The John Schram Lecture in International Business contributes to these aims by providing an opportunity for the college's students, as well as faculty and members of the mid-Missouri business community to learn more about vital issues that affect not only national economies but also enterprises throughout Missouri."

JOHN FOLEY IS NAMED CURATORS' PROFESSOR

The Board of Curators has named John Miles Foley, professor of English and classical studies, a Curators' professor, the highest academic rank in the UM System. The honor awards Foley for exemplary teaching, research and service over a sustained period of time. Foley joins just 53 other Curators' professors across four UM campuses; he is one of 18 Curators' professors at Mizzou.

"I feel privileged to be selected for this honor, and see it chiefly as a stimulus to work harder and learn more," Foley said. "The University of Missouri has always provided an

ideal environment in which to pursue both teaching and research, which for me are two sides of the same coin."

During Foley's 19 years of teaching at MU, he has received numerous awards and honors, participated in extensive, innovative research activities and been involved in many international organizations. Foley's research spans the disciplines of ancient Greek, English, Slavic studies and folklore. In 1986 he created the Center for Studies in Oral Tradition at MU.

The center is the only one of its kind in the world, where research in several disciplines is conducted,

Parking & Transportation Services

Turner Avenue Garage
Level 2
882-4568

Lot AV16A will be closed for at least 3 weeks, beginning Monday, February 16, due to the installation of a chilled water line. All AV16A permit holders are being temporarily reassigned to other parking lots. The installation will also close East Campus Drive at the north end of AV16 for approximately 2 weeks. Please contact the parking office for further information.

A&S dean search makes headway

Good progress is being made on the search for a new dean of arts and science, says the chair of the search committee. At a Feb. 5 meeting, Mel George, UM president emeritus and professor emeritus of mathematics, updated arts and science department chairs on the search process.

"We have truly appreciated the nominations that you and other members of the faculty have sent us. As a result of all this, we have a fine pool of candidates who meet the criteria we set out at the beginning," George said.

"We decided to do some pre-screening of candidates before inviting them for public campus interviews, and we are now in the final stages of conducting 'airport' interviews with eight candidates," he added. After those interviews, George said he would share resumes of the leading external candidates with the appropriate academic departments at MU to ensure

that the rank of full professor would be appropriate and supported.

The next step, he said, will be to invite three to five candidates for a single, full campus interview. "All constituencies will be given an opportunity to meet with each candidate and contribute to the evaluation of that candidate," George said. "Although we recognize that either the provost, the chancellor or the candidate may wish a second personal visit before an offer is extended or accepted, we hope that the pre-screening by the committee and sharing of the resume with the relevant department chair will make it possible to make a decision after the campus interview, thus enabling us to move more rapidly than would otherwise the case."

The search committee expects to bring in at least one candidate before spring break, George said. "We will get word about visits out to faculty and staff."

The University Bookstore in Brady Commons is pleased to provide the faculty with the opportunity to order their own fine quality academic regalia.

Between the hours of 9 a.m. and 4 p.m., February 18th, and 9 a.m. and 12 Noon, February 19th, a Willsie

University Bookstore

Main Level Brady Commons 882-7611
TDD: 882-3985 www.ustore.missouri.edu
Open: Mon-Thurs: 8-7, Fri: 8-5, Sat: 10-5

A University owned and operated bookstore serving the Mizzou community since 1899. 

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Custom order your fine quality regalia:

February 18: 9 - 4
February 19: 9 - Noon

at our Graduation Center on
the main floor of the University
Bookstore expansion.



MIZZOU WEEKLY

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graduate students get hands-on experience in editing and publishing, and where electronic discussion groups and a web site bring together international and national scholars in the field.

FACULTY SPONSOR OMBUDS FORUMS

Faculty Council will sponsor two open forums to discuss a recent proposal to establish an Office of Ombuds at MU. That office would provide informal mediation for faculty members. The forums will be held from 3:30 to 5 p.m. Feb. 18 in S204 Memorial Union, and from 3:30 to 5 p.m. Feb. 24 in N208 Memorial Union. They will be moderated by Gilbert Youmans, chair of Faculty Council; Chancellor Richard Wallace will attend the Feb. 24 meeting.

"I urge faculty who are in support of the proposal, who oppose the proposal, or who have

suggestions about revising the proposal, to come to the meetings and express their views," Youmans says. "We may, as a result of these forums, revise this proposal and present it for consideration by the faculty at a later time. Any comments that we receive will be considered."

PUBLISH, DON'T PERISH

For decades, the School of Journalism has had a hand in training the future leaders of the magazine industry. Tomorrow, nearly 40 magazines and publishing companies will be represented at a magazine fair that is sponsored by the school's magazine sequence.

The fair will include such magazine powerhouses as Meredith Corporation, which publishes *Ladies Home Journal* and *Better Homes and Gardens*, Vance Publishing from the Kansas City area, the *Sporting News* and *Writer's Digest*, to name a few.

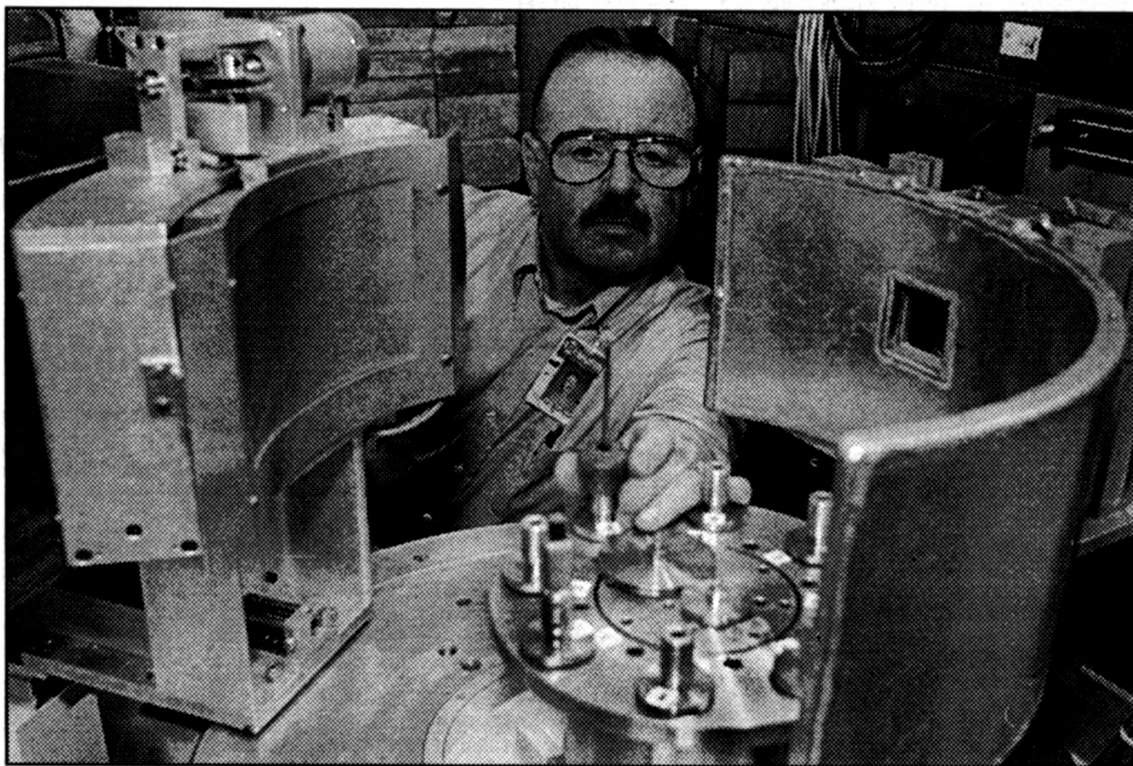
Representatives from those and

other magazines will be available to talk about the industry, beginning at 9 a.m. Feb. 13 in N201-202 Memorial Union.

From 10-10:45 a.m. a series of four concurrent panel discussions will look at city and regional magazines, religion magazines, the specialized business press and agricultural magazines. From 1:45-2:30 p.m. there will be concurrent panel discussions on "Surviving in New York," "Your First Job — Resume, Portfolio and Interview" and "Your First Year on the Job — What to Do and What Not To Do." With questions about the magazine fair, call 884-1869.

Researcher Ron Berliner is using neutrons produced at MU's research reactor to try to understand the chemical reactions that take place in cement. His research could help scientists improve the strength of cement and reduce production of greenhouse gases.

Rob Hill photo



Cementing an understanding

Reactor scientist studies ancient building material.

For hundreds of years, the Coliseum in Rome has stood as a marker of an era gone by. Yet concrete driveways poured only a few years ago are already developing cracks. Ron Berliner, a scientist at MU's Research Reactor Center, is determined to find out why.

"People have been making cement for a very long time, but they know very little about it," Berliner said. "Cement is a very poorly characterized material. It's very difficult to understand both physically and chemically."

Berliner's research, which focuses on

strength and durability of concrete, could prove beneficial to the environment. For every ton of cement that is made, one-half ton of carbon dioxide is released into the air. Currently, the world produces about 350 million metric tons of cement every year, 80 million metric tons in the United States alone. It is estimated that 10 percent of man-made greenhouse gases are the result of cement production. Berliner's research could improve the strength of cement, leading to a decreased need for the material.

"If we understand what contributes to

the strength and durability of cement, we can arrange its formation to make a stronger and more durable concrete," Berliner said. "New technology would allow us to construct buildings at a much lower cost because they would not use as much steel for reinforcements. We are hoping to drop those costs and help out the environment with stronger concrete. Less cement used means less needs to be made and we, in turn, release less carbon dioxide into the atmosphere."

Berliner's first goal is to learn how to monitor the progress of the chemical reactions in cement. To study the chemical reaction, Berliner exposed a cement specimen to neutrons and observed the rate at which water combined with the dry cement. Currently, scientists don't have

much control over the cement hardening reaction.

"The Romans mixed in ox blood when they wanted to speed up cement hardening," Berliner said. "The hemoglobin in the blood makes the concrete stronger. People have known for a long time that a minute amount of sugar keeps cement from hardening too quickly. We know of chemicals that work in speeding up or slowing down the reaction, but the real understanding of why and how the chemicals work is limited."

In order to make a "map" of the cement structure and study the rate of the chemical reactions, Berliner uses neutrons produced at the MU reactor. The way that neutrons scatter off a cement specimen provides information on the atomic structure of the cement. In addition, neutrons that gain or lose energy when they scatter are an indicator of the progress of the cement hardening reactions. This aids researchers in mapping the structure of cement and determining what has happened at different stages during the hardening reactions.

"When you mix cement with water, the hardening reaction starts immediately, but a kind of concrete crust is formed around each grain, and it takes a while for the remaining water to reach the cement on the inside," Berliner said. "After 24 hours, the concrete is at about 75 percent of its strength, but in reality, the chemical reaction never stops. It just gets slower and slower." How the water reacts to the cement and what happens at that time are questions that Berliner hopes to address with his research.

Berliner's recent findings were published in the journal of *Cement and Concrete Research*. His work is being funded by the Federal Highway Administration.

Forum

From Page 1

really matter."

What does really matter? Advisers say their role is to help students overcome whatever roadblock stands between them and academic success. Advisers Forum member Carol Martin says the group helps provide advisers with the tools they need to do the job. "The best thing about the Advisers Forum is the strength of the group," says Martin, senior academic adviser in human environmental sciences. "We can draw on each other for information and support."

MU ADVISORS FORUM MISSION STATEMENT

Advisors Forum supports the definition of academic advising developed by the 1993 Provost's Task Force on Undergraduate Advisement:

Academic advising is an ongoing, active process involving student, advisor, and institution, the primary goal of which is to assist students in the development and accomplishment of meaningful educational plans that are compatible with their life goals.

To be successful, academic advising must incorporate three distinct types of advising:

- Developmental advising to enable the student to derive the greatest possible benefit from his or her university experience. Developmental advising aims to help the student solve whatever problems stand

between the individual and academic success.

- Career advising to provide information and advice about career options and opportunities.

- Curricular and programmatic advising to assist the students in selecting courses, planning programs of study, and meeting existing requirements.

MU Advisors are committed to inform, support, and encourage individuals to be self directed in the educational process within the framework of established MU academic standards. Further, Advisors Forum supports the National Academic Advising Association's Statement of Core Values of Academic Advising (1995). Toward the realization of those standards, MU's Advisors Forum is committed to:

- promote continued improvement of advising at MU.

- support campus-wide efforts to recognize and promote outstanding academic advising.

- provide advisers with on-going professional development and the promotion of professional standards.

- serve the academic community as a knowledgeable body on matters of student advisement and advising policy.

- offer services, programs, and publications to assist academic units in providing informed and conscientious advisement to all MU students.

- support campus-wide efforts to recognize and promote diversity.

- support campus-wide recruitment efforts and contribute to improved retention and graduation rates of MU students.

CALENDAR

Send calendar items by Campus Mail to
Mizzou Weekly Calendar, 407 Reynolds Center,
 by noon Thursday the week before publication.
 Events are free and open to the public unless otherwise noted.

Concerts & Plays

Thursday, February 12

UNIVERSITY CONCERT SERIES: The MU Chamber Soloists will perform at 3 p.m. in Whitmore Recital Hall in the Fine Arts Building.

MSA CONCERT: Riders in the Sky will perform at 7:30 p.m. at the Missouri Theatre. Call 882-4640 for ticket information.

Friday, February 13

UNIVERSITY CONCERT SERIES: The MU Chamber Soloists Valentine Special will be performed at 7 p.m. and the MU Jazz Trio, featuring Joe Rackers, Matt Wood and Kevin Danz, will perform at 8:30 p.m. in Whitmore Recital Hall in the Fine Arts Building.

Monday, February 16

GUEST ARTIST RECITAL: Daniel Schene, head of keyboard studies at Webster University, will perform *Sonata in C Major*, *L'isle joyeuse*, and *Douze Etudes d'execution transcendantes-Book II* at 8 p.m. in Whitmore Recital Hall in the Fine Arts Building.

Tuesday, February 17

FACULTY RECITAL: The Missouri Quintet, a woodwind ensemble, will perform at 8 p.m. in Whitmore Recital Hall in the Fine Arts Building.

Wednesday, February 18

STUDENT RECITAL: The Symphonic Wind Ensemble, featuring guest artist Steve Houghton on percussion, will perform at 8 p.m. at the Missouri Theatre. For ticket information, call 882-3875.

Thursday, February 19

STUDENT RECITAL: The Concert and Symphonic Bands will perform at 8 p.m. at the Missouri Theatre. For ticket information, call 882-3875.

THEATER SERIES: The Department of Theatre will present *The African Company Presents Richard III* at 8 p.m. at Rhynsbarger Theatre. For times and ticket information, call 882-PLAY.

JAZZ FESTIVAL: The Twelfth Annual Jazz Festival, which highlights junior and senior high jazz bands and combos from the state of Missouri, will be held through February 21 in Memorial Union. For ticket information, call 882-3875.

Courses

Monday, February 16

EMPLOYEE ASSISTANCE WORKSHOP: "Dealing with Difficult People Part II" will take place from 5:30-7:30 p.m. in 119 Parker Hall. Call 882-6701 to register.

Wednesday, February 18

NEW EMPLOYEE ORIENTATION: Session is open to all new benefits-eligible employees from 1:30-5 p.m. in S203 Memorial Union.

Thursday, February 19

HUMAN RESOURCES WORKSHOP: Bonnie Keithley will present "Refresh Your Grammar" from 9 a.m.-noon in S203 Memorial Union. Call 882-2603 to register.

Exhibits

ART FOR LIFE

•This exhibit features drawings, paintings, ceramics and photography from Rock Bridge High School art students and instructors through March 26 in the lobbies of University Hospital and Ellis Fischel Cancer Center.

MUSEUM OF ANTHROPOLOGY:

"Photography by Eldon Leiter: Ancient Maya Art and Architecture" is on display. The museum's exhibits focus on Native American cultures and the history and prehistory of Missouri. The museum, located at 100 Swallow Hall, is open 9 a.m.-4 p.m. Monday through Friday.

MUSEUM OF ART AND ARCHAEOLOGY

Special Exhibits:

•"India's Artistry: The Unseen Revealed" is on display through May 10.

Ongoing Exhibits:

- "The Saul and Gladys Weinberg Gallery of Ancient Art"
- "Early Christian and Byzantine Gallery"
- "European and American Gallery"
- "The Aesthetic Energy of the Twentieth Century"
- "Expressions of Africa"

The museum, located in Pickard Hall, is open from 9 a.m.-5 p.m. Tuesday-Friday, 6-9 p.m. Thursday and noon-5 p.m. Saturday and Sunday.

BRADY GALLERY:

•"Rivers of My Ancestors," an exhibit of photographs on fabric with mixed media by St. Louis artist Adelia Parker-Castro will be on display through Feb. 19 as part of Black History Month celebration. A reception for the artist will be held 3:30-5:30 p.m. Feb. 13 at the gallery in 203 Brady Commons. The gallery is open 10 a.m.-5 p.m. weekdays, 10:30 a.m.-3:30 p.m. Saturday and 1:30-6 p.m. Sunday.

ELLIS LIBRARY SPECIAL COLLECTIONS

•"A Sense of Place," an exhibition of books by Wallace Stegner, dean of Western writers, will be on display through March 31. The collection, which is located in 402 Ellis Library, is open 8 a.m.-9:30 p.m. Monday-Thursday, 8 a.m.-5 p.m. Friday and noon-5 p.m. Saturday and Sunday.

STATE HISTORICAL SOCIETY OF MISSOURI

•The works of famed Missouri wildlife artist and MU alumnus Charles W. Schwartz are on display in the gallery through April 1. The gallery is open 8:30 a.m.-4:30 p.m. Monday-Friday.

•Sketches, paintings and drawings by St. Louis artist and architect Victor Joseph Kunz are on display in the north-south corridor through April 1.

•"Decades: 1887-1977, Editorial Cartoons" are on display in the east-west corridor.

The corridors are open 8 a.m.-4:30 p.m. Monday-Friday and 9 a.m.-4:30 p.m. Saturday.

UNIVERSITY ARCHIVES

•An exhibit celebrating women's history is on display through April 30 in the Memorial Union's south wing exhibit case.

•"Memorial Union 75th Anniversary;" "Getting

Physical," an exhibit on women's athletics at MU, and "Mizzourah! Football at MU, the Early Years" are on display online at www.missouri.edu/~archwww/news&ex.html

WESTERN HISTORICAL MANUSCRIPT COLLECTION

•"A Gift of Music - John William "Blind" Boone (1864-1927) - His Life and Times" will be on display through Feb. 27 in the lobby of Jesse Auditorium and in 23 Ellis Library.

BLACK HISTORY MONTH EXHIBIT

•The Black Archives of Mid-America Traveling Exhibit, which includes African-American memorabilia, artifacts and documented history, will be on display Feb. 16 in Stotler Lounge in Memorial Union. A panel discussion will be held at 6:30 p.m.

GEORGE CALEB BINGHAM GALLERY

•The Faculty Exhibition, which includes works from current University art faculty members, will be on display through March 13.

The gallery, which is located in the Fine Arts Building, is open 10 a.m.-4 p.m. Monday-Friday.

Films

Friday, February 20

INTERNATIONAL CENTER FILM: *The Women's Bank of Bangladesh* will be shown at noon in N52 Memorial Union.

Lectures

Thursday, February 12

GIST INTERNATIONAL AFFAIRS

SEMINAR: Ron Ratti, professor of economics, will present "Korea and the Asian Financial Crisis" at noon in S204 Memorial Union.

MULTICULTURAL EDUCATION

LECTURE: Usha Chowdhary, associate professor of textile and apparel management, will present "Symphony of Multiculturalism: A Case for Unity in Diversity" at noon in S203 Memorial Union.

MOLECULAR MICROBIOLOGY

SEMINAR: Christopher Lu, professor at the University of Texas Southwest Medical Center at Parkland Memorial Hospital, will present "Regulation of Macrophage Activation by Docosahexaenoic Acid" at 2 p.m. in MA217 Medical Science Building.

PHYSIOLOGY LECTURE: Pam Lloyd, graduate student in physiology, will present "The Role of Vascular Endothelial Growth Factor (VEGF) in Ischemia-Induced Retinal Neovascularization" at 3 p.m. in M437 Medical Science Building.

WOMEN'S CENTER PROGRAM: Melynda Barnett and Alicia Bilt of the Financial Aid Office will present "Budgeting and Debt Management" at 4 p.m. in 229 Brady Commons.

ADVISORS FORUM LECTURE: Science educator Sheila Tobias will present "The Future of Feminism: Lessons from the Past" from 4-6 p.m. in Memorial Union Auditorium.

RELIGIOUS STUDIES LECTURE: Philip Clart from the University of British Columbia-Vancouver will present "The Rewriting of Tradition: Spirit-Writing Cults and Religious Change in Taiwan" at 5 p.m. in 114 General Classroom Building. A reception will precede the lecture.

ART HISTORY LECTURE: Richard Kendall, an English independent scholar of modern art, will present "The Tutu and the Glass Box: Degas' *Little Dancer Aged Fourteen*" at 5:30 p.m. in 106 Pickard Hall.

Friday, February 13

WOMEN'S CENTER PROGRAM: A.

Rashida Ahmad, graduate student in creative writing, will present "Meditation: A Breath for Life" at noon in 229 Brady Commons. Call 882-6621 to register.

CHEMISTRY COLLOQUIUM: Gary Glish from the University of North Carolina-Chapel Hill will present "Understanding the

On President's Day

...and every day, help MU save energy.
 Turn off the lights when you leave a room.

*It's good
 for America!*



**Energy Management
 Campus Facilities**

Effects of Primary and Secondary Structure in Sequencing Peptides by Mass Spectrometry" at 4 p.m. in 103 Schlundt Hall.

BLACK HISTORY MONTH LECTURE: Young African-American poets from Cleveland State University will read their poetry from 4-5:30 p.m. in N214-215 Memorial Union.

Monday, February 16

CARDIOVASCULAR SEMINAR: David Harder, professor of physiology and director of the Wisconsin Cardiovascular Research Center, will present "Cellular and Molecular Mechanisms of Signal Transduction and Functional Hyperemia in the Cerebral Circulation" at noon in Room 133 at the Dalton Cardiovascular Research Center.

BIOCHEMISTRY SEMINAR: David Henson, president of Lincoln University will present "Blacks and Science, Mathematics, Engineering and TEchnology: Where Do We Go From Here?" at 3:40 p.m. in N222 Memorial Union.

BLACK HISTORY MONTH LECTURES: "Job Interview Skills" will be presented at noon in 323 Gentry Hall and civil rights activist and author Morris Dees will present "Passion for Justice" at 7:30 p.m. in Jesse Auditorium.

JOURNALISM BROWN BAG

SEMINARS: Charlie Warner, associate professor of journalism, will present "Teaching as Theater" at noon in Fisher Auditorium in Gannett Hall.

PHARMACOLOGY SEMINAR: Arthur Cederbaum, professor of biochemistry, will present "Ethanol and Arachidonic Acid Toxicity in Transduced HepG2 Cells Expressing Cytochrome P450E1" at noon in M558 Medical Sciences Building.

SOIL SCIENCE SEMINAR: James Brown, professor of soil science, will present "Long-Term Research" at 4 p.m. in 133 Mumford Hall.

HONORS COLLEGE LECTURE: Nanette K. Laughrey, U.S. district judge for the Western District of Missouri and former MU law faculty member, will present a keynote

address, "The Coexistence of Law and Justice in a Pluralistic Democracy: A View from the Bench," at 4 p.m. in 7 Hulston Hall.

Tuesday, February 17

BIOLOGICAL SCIENCES SEMINAR:

Irwin Goldman of the University of Wisconsin-Madison will present "Historical Perspective and Present Realities of the Modern Heterosis Concept" at 3:30 p.m. in 18 Tucker Hall.

HONORS COLLEGE LECTURE: A panel discussion on "The Intersection of Law and Justice in a Pluralistic Society," featuring William Bondeson, professor of philosophy, Philip Peters, professor of law, attorney Lou DeFeo, Cole County prosecuting attorney Rich Callahan and Elizabeth Garrett, associate professor of family and community medicine, will take place at 4 p.m. in 7 Hulston Hall.

Wednesday, February 18

MULTICULTURAL EDUCATION

LECTURE: Deb Hume of the Program for Excellence in Teaching will present "Social Class in the Classroom: An Unexplored Diversity Issue" at noon in S204 Memorial Union.

JOURNALISM BROWN BAG SEMINAR: Janet Weaver, managing editor of the *Sarasota (Fla.) Herald-Tribune*, will discuss changes in the newsroom at noon in 110 Lee Hills Hall.

BLACK HISTORY MONTH LECTURE: Motivational speaker Stedman Graham will speak about his nine-step empowerment philosophy for professional and personal situations at 2 p.m. in Memorial Union Auditorium.

WOMEN'S CENTER PROGRAM: Diane La Mar, a licensed professional counselor, will present "Loving Yourself: Self Esteem" at 7 p.m. in 229 Brady Commons.

Thursday, February 19

GIST INTERNATIONAL AFFAIRS

SEMINAR: Jim Pinkerton, associate professor of rural sociology, will present "Social Change Among Scottish Crofters" at noon in S204 Memorial Union.

NUTRITION RESEARCH SEMINAR:

Allan Kniehans from the University of Oklahoma Medical Center will present "Creatine, Chromium and Athletic Performance" at 3:15 p.m. in 209 Gwynn Hall.

WOMEN'S CENTER PROGRAM: Diane Kuschel, graduate student in sociology, will present "Feminist Anti-Pornography Legislation" at 4 p.m. in 229 Brady Commons.

Monday, February 23

PHYSICS COLLOQUIUM: Gabor Forgacs, professor of physics at Clarkson University, will present "Viscoelastic Properties of Living Tissues and Their Biological Relevance" at 4 p.m. in 120 Physics Building.

Meetings

Thursday, February 12

STAFF ADVISORY COUNCIL: The group will meet at 1:15 p.m. in S206 Memorial Union.

FACULTY COUNCIL: The group will meet at 3:40 p.m. in S110 Memorial Union.

Special Events

Friday, February 13

VALENTINE ROSE SALE: MU's Horticulture Club will hold its annual Valentine's Day sale of roses and other flowering plants from 10 a.m.-7 p.m. at the club's greenhouse just west of the Chemistry Building.

Saturday, February 14

THEATER AUDITIONS: The Mizzou Summer Repertory Theatre of 1998 will

hold auditions for *The Fantasticks*, *Nonsense* and *Rumors* from 8:30 a.m.-3:30 p.m. at the Rhynsburger Theatre. Call 882-2021 for more information.

BLACK HISTORY MONTH KIDS' DAY:

Kids in the community can participate in part virtual and actual black heritage tour of Columbia and the MU campus from 10 a.m.-2 p.m. For more information, call 882-4898.

Monday, February 16

VIEW MU ON PRESIDENTS' DAY:

Student recruitment open house will welcome prospective MU students and their parents at various locations across campus.

RETIREES ASSOCIATION

The MU Retirees Association announces the following programs in the association's elderhostel-travelogue series:

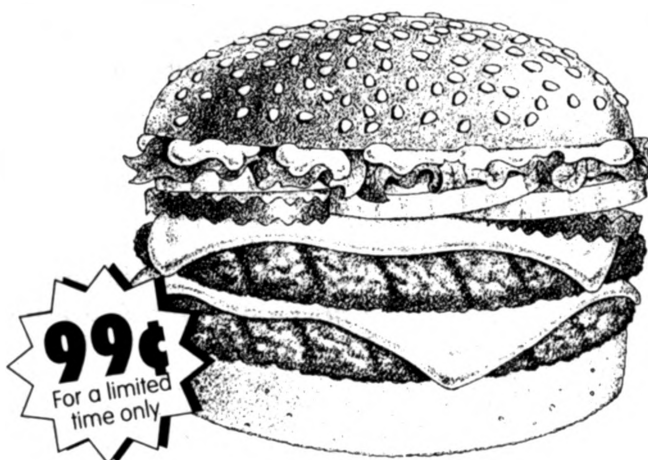
•Bill Pfander, professor emeritus of animal science, will discuss his experiences in Kenya.

•Mel George, UM president emeritus and professor emeritus of mathematics, and Meta George will present a program on China March 16.

•Bob Breitenbach, professor emeritus of biological sciences, and Hazel Breitenbach will present a program on "A View of Yellowstone National Park — 1872 to the Present" April 20.

The programs will be held from 10 to 11 a.m. in S204 Memorial Union.

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COLLEGE OF AGRICULTURE, FOOD AND NATURAL RESOURCES

Agricultural Economics

Bailey, Kenneth W. [Extension Associate Professor] (1997). *Marketing and Pricing of Milk & Dairy Products*. Ames, IA: Iowa State University Press.

Agronomy

Aldrich, Richard J. [Professor Emeritus] and **Kremer, Robert J.** [Associate Professor] (1997). *Principles in Weed Management*. (2nd ed.). Ames, IA: Iowa State University Press.

Gustafson, J. Perry [Adjunct Professor] and **Flavell, R. B.** [Editors]. (1996). *Genomes of Plants and Animals*. New York, NY: Plenum Press.

Biochemistry

O'Dell, Boyd L. [Professor Emeritus] and **Sunde, Roger A.** [Professor]: Editors. (1997). *Handbook of Nutritionally Essential Mineral Elements*. New York, NY: Marcel Dekker, Inc.

Weisman, Gary A. [Associate Professor] with **Turner, John T.** [Associate Professor] and **Fedan, Jeffrey S.** [Editors]. (1997). *P2 Nucleotide Receptors*. Totowa, NJ: Humana Press.

Extension and Agricultural Information

Langford, H. Dale [Extension Instructor] and **Ausubel, Jesse H.** [Editors]. (1996). *Technological Trajectories & the Human Environment*. Washington, DC: National Academy Press.

School of Natural Resources

Pallardy, Stephen G. [Professor] and **Kozlowski, T. T.** (1997). *Physiology of Woody Plants*. (2nd ed.). San Diego, CA: Academic Press.

Pallardy, Stephen G. [Professor] and **Kozlowski, T. T.** (1997). *Growth Control in Woody Plants*. San Diego, CA: Academic Press.

COLLEGE OF ARTS AND SCIENCE

Anthropology

Lyman, R. Lee [Professor] with **O'Brien, Michael J.** [Professor] and **Dunnell, Robert C.** [Editors]. (1997). *Americanist Culture History: Fundamentals of Time, Space, and Form*. New York, NY: Plenum Press.

O'Brien, Michael J. [Professor]: Editor. (1996). *Evolutionary Archaeology*. Salt Lake City, UT: University of Utah Press.

O'Brien, Michael J. [Professor] with **Lyman, R. Lee** [Professor] and **Dunnell, Robert C.** (1997). *The Rise and Fall of Culture History*. New York, NY: Plenum Press.

Ward, Carol V. [Assistant Professor] with **Begun, David R.** and **Rose, Michael D.** [Editors]. (1997). *Function, Phylogeny and Fossils: Miocene Hominoid Evolution and Adaptations*. New York, NY: Plenum Press.

Biological Sciences

Riddle, Donald [Professor]: Editor.

(1997). *C-elegans II*. Cold Springs Harbor, NY: Cold Springs Harbor Laboratory Press.

Communication

Benoit, Pamela [Associate Professor] (1997). *Telling the Success Story: Acclaiming and Disclaiming Discourse*. Albany, NY: State University of New York Press.

Economics

Podgursky, Michael [Professor] and **Ballou, Dale** (1997). *Teacher Pay and Teacher Quality*. Kalamazoo, MI: W.E. Upjohn Institute for Employment Research.

English

Hocks, Richard A. [Professor] (1997). *The Ambassadors: Consciousness, Culture, Poetry*. New York, NY: Twayne/Simon Schuster.

Lawless, Elaine J. [Professor] (1996). *Women Preaching Revolution: Calling for Connection in the Disconnected Time*. Philadelphia, PA: University of Pennsylvania Press.

Parke, Catherine N. [Professor] (1996). *Biography: Writing Lives*. New York, NY: Twayne/Prentice Hall International.

Prahlad, Dennis Folly [Associate Professor] (1996). *African-American Proverbs in Context*. Jackson, MS: University Press of Mississippi.

Quirk, Thomas V. [Professor] (1997). *Mark Twain: A Study of Short Fiction*. New York, NY: Twayne.

German and Russian Studies

Mueller, Dennis [Professor] and **Mueller, Barbara** (1997). *University Course, Elementary German I*. Center for Independent Study.

Mathematics

Ahlbrandt, Calvin [Professor] and **Peterson, Allan** (1996). *Discrete Hamiltonian Systems: Difference Equations, Continued Fractions, and Raccati Equations*. Kluwer Texts in the Mathematical Sciences, Volume 16. Boston, MA: Kluwer Academic Publishers.

Papick, Ira [Professor] with **Huckaba, James** [Professor] and **Fontana, Marco** (1997). *Prüfer Domains*. New York, NY: Marcel Dekker, Inc.

Music

Minturn, Neil [Assistant Professor] (1997). *The Music of Sergei Prokofiev*. New Haven, CT: Yale University Press.

Psychology

Cowan, Nelson [Professor] (1997). *The Development of Memory in Childhood*. Sussex, UK: Psychology Press.

Heppner, Mary J. [Assistant Professor] with **Gysbers, Norman C.** [Professor] and **Johnston, Joseph A.** [Professor] (1997). *Career Counseling: Process, Issues and Techniques*. Boston, MA: Allyn and Bacon.

Trull, Tim [Associate Professor] and **Phares, E. J.** (1997). *Clinical Psychology: Concepts, Methods, and Profession*. (5th ed.). Pacific Grove, CA: Brooks/Cole.

Trull, Tim [Associate Professor] and **Widiger, W. A.** (1997). *Structured*

Interview for the Five-Factor Mod. of Personality (SIFEM): Professional Manual. Odessa FL: Psychological Assessment Resources.

Romance Languages

Cordones-Cook, Juanamaria [Associate Professor] (1996). *¿Teatro Negro Uruguayo? Texto y contexto del teatro afro-uruguayo de Andrés Castillo*. Montevideo Uruguay: Graffiti.

Gallimore, Rangira [Assistant Professor] (1997). *Le Renouveau de l'écriture féminine dans l'œuvre romanesque de Calixthe Beyala*. Paris, France: L'Harmattan.

Sullivan, Henry [Professor] and **Galoppe, Raul A.** [Assistant Instructor]: Editors. (1996). *Tirso de Molina: His Originality Then and Now*. Ottawa, Canada: Dovehouse.

Sullivan, Henry [Professor] and **Laver, Robert A.** [Editors]. (1997). *Hispanic Essays in Honor of Frank P. Casa, Volume 20*. New York, NY: Peter Lang.

Ugarte, Michael [Professor] (1996). *Madrid 1900: The Capital as Cradle of Literature and Culture*. University Park, PA: Penn State.

Zemke, John [Assistant Professor] (1997). *Critical Approaches to the "Proverbios Morales" of Shem Tov de Carrión: An Annotated Bibliography*. Newark, DE: Juan de la Cuesta.

Sociology

Bank, Barbara [Associate Professor] and **Hall, Peter** [Professor]: Editors. (1997). *Gender, Equity, and Schooling: Policy and Practice*. New York, NY: Garland Publishing.

Theatre

Atkinson, Patrick [Professor]: Editor. (1996). *Theatrical Design in the Twentieth Century*. Westport, CT: Greenwood.

Burgoyne, Suzanne [Professor] with **Timpson, William M.**, **Jones, Christine S.** and **Jones, Waldo**. (1997). *Teaching and Performing: Ideas for Energizing Your Classes*. Madison, WI: Magna Publications.

COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION

Public Administration

Diamond, Michael A. [Professor] with **Allcorn, Seth** (1997). *Managing People During Stressful Times*. Westport, CT: Quorum Books, Greenwood Press.

COLLEGE OF EDUCATION

Curriculum and Instruction

Fox, Roy F. [Associate Professor] (1996). *Harvesting Minds: How TV Commercials Control Kids*. Westport, CT: Praeger Press of Greenwood Publishing Group, Inc.

Lilja, Linnea [Associate Professor] (1996). *New Book for Missouri Readers: An Annotated Booklist*. Columbia, MO: Missouri State Teachers Association.

Robinson, Richard D. [Professor] and **McKenna, M. C.** (1997). *Teaching from Text: A Content Literacy Approach to Content Reading*. New York, NY: Addison Wesley Longman.

Waigandt, Alex [Associate Professor] (1997). *Statistics*. (2nd ed.). Dubuque, IA: Kendall/Hunt Publishing.

Educational and Counseling Psychology

Short, Paula [Professor and Chair] with **Short, Rick** [Associate Professor] and **Greer, J.T.** (1997). *Leadership in Empowered School: Themes from Innovative Efforts*. Columbus, OH: Prentice Hall Publishing Co.

Short, Paula [Professor and Chair] with **Short, Rick** [Associate Professor] (1997). *Data Collection*. New York, NY: Eye Education.

Short, Rick [Associate Professor] with **Talley, R. C.**, **Kubiszyn, T.** and **Brassard, M.** (1996). *Making Psychology in the Schools Indispensable: Critical Questions and Emerging Perspectives*. Washington, DC: American Psychological Association and ERIC Counseling and Student Services.

School of Information Science and Learning Technologies

Allen, Bryce [Associate Professor] (1996). *Information Tasks: An Approach to User-Centered Information System Design*. San Diego, CA: Academic Press.

Special Education

Altman, Reuben [Professor] (1997). *Special Education Professional Assessments for Beginning Teachers: Application of Core Principles Across Categories of Disability*. Princeton, NJ: Educational Testing Service.

COLLEGE OF ENGINEERING

Chemical Engineering

Lee, Sunggyu [Professor and Chair] (1996). *Alternative Fuels*. Washington, DC: Taylor & Francis.

Lee, Sunggyu [Professor and Chair] (1997). *Methane and its Derivatives*. New York NY: Marcel Dekker, Inc.

Computer Engineering and Computer Science

Chen, Su-Shing [Professor and Chair] and **Caulfield, H. John** [Editors]. (1996). *Adaptive Computing: Mathematical and Physical Methods for Complex Environments*. Bellingham, WA: SPIE-The International Society for Optical Engineering.

Jurczyk, Michael [Assistant Professor] and **Schwederski, Thomas** (1996). *Interconnection Networks*. Stuttgart, Germany: Teubner.

Electrical Engineering

Lee, Kai-Fong [Professor and Chair] and **Chen, Wei** [Editors]. (1997). *Advances in Microstrip and Printed Antennas*. New York, NY: John Wiley & Sons, Inc.

Mechanical and Aerospace Engineering

Tzou, D. Y. Robert [Professor and Chair] (1997). *Macro- to Microscale Heat Transfer: The Lagging Behavior*. Washington, DC: Taylor & Francis.

Nuclear Engineering

Prelas, Mark A. [Professor] with **Popovici, Galina** and **Bigelow, Louis K.** [Editors]. (1997). *Handbook of Industrial Diamonds and Diamond Films*. New York, NY: Marcel Dekker, Inc.

Prelas, Mark A. [Professor] with **Benedictus, Andrew** [Graduate Student], **Lin, Li-Te Steven** [Graduate Student], **Popovici, Galina** and **Gielisse, Peter** [Editors]. (1997). *Diamond Based Composites and Related*

Materials. Boston, MA: Kluwer Academic Publications.

COLLEGE OF HUMAN ENVIRONMENTAL SCIENCES

Consumer and Family Economics

Israelsen, Craig L. [Associate Professor] and Weagley, Robert O. [Associate Professor] (1997). *Personal and Family Finance Workbook*. (3rd ed.). Dubuque, IA: Kendall/Hunt Publishing Co.

Food Science and Human Nutrition

Sunde, Roger A. [Professor] and O'Dell, Boyd L. [Professor Emeritus] (1997). *Handbook of Nutritionally Essential Mineral Elements*. New York, NY: Marcel Dekker, Inc.

Textile and Apparel Management

Dickerson, Kitty G. [Professor and Chair] and Jarnow, Jeannette (1996). *Inside the Fashion Business*. (6th ed.). New York, NY: Prentice Hall.

SCHOOL OF JOURNALISM

Advertising

Thorson, Esther [Professor and Associate Dean] (1997). *An Integrated Approach to Communication Theory and Research in the Book "Advertising" by Michael B. Salwen and Don W. Stacks*. Hillsdale, NJ: Lawrence Erlbaum.

Thorson, Esther [Professor and Associate Dean] and Xinshu, Zhao (1997). *Measuring Advertising Effectiveness in the Book "Television Viewing Behavior as an Indicator of Commercial Effectiveness" by William D. Wells*. Hillsdale, NJ: Lawrence Erlbaum.

Broadcast News

Wilkins, Lee [Professor] (1997). *Mixed News: The Public/Civic/Communitarian and Environmental Journalism* by Jay Black. Mahwah, NJ: Lawrence Erlbaum Associates.

Editorial

Brooks, Brian S. [Professor] and Sissors, Jack (1997). *The Art of Editing*. (4th ed.). Boston, MA: Allyn & Bacon, Inc.

Brooks, Brian S. [Professor] (1997). *Student Workbook for the Art of Editing*. (4th ed.). Boston, MA: Allyn & Bacon, Inc.

Brooks, Brian S. [Professor] with Wilson, Jean Gaddy [Director] and Pinson, Jim (1997). *Working With Words*. (3rd ed.). New York, NY: St. Martin's Press.

Brooks, Brian S. [Professor] and Pinson, Jim (1997). *Student Workbook for Working With Words*. (2nd ed.). New York, NY: St. Martin's Press.

Brooks, Brian S. [Professor] (1997). *Journalism in the Information Age*. Boston, MA: Allyn & Bacon, Inc.

Logan, Robert A. [Professor and Associate Dean] with Fears, Lillie [Doctoral Student] and Fraser Wilson, Nancy [Doctoral Student] (1997). *Social Responsibility in Science News: Four Case Studies*. Washington, DC: The Media Institute.

Merrill, John C. [Professor Emeritus] (1997). *Journalism Ethics: Philosophical Foundations for News Media*. New

York, NY: St. Martin's Press.

SCHOOL OF LAW

Abrams, Douglas [Associate Professor] (1997). *The Law of Civil RICO, 1997 Supplement*. Boston, MA: Little, Brown and Company.

Esbeck, Carl H. [Professor] (1996). *The Regulation of Religious Organizations as Recipients of Governmental Assistance*. Washington, DC: The Center for Public Justice.

Freyermuth, R. Wilson [Associate Professor] with Henning William H. [Professor] and Lawrence, William A. (1997). *Understanding Secured Transactions*. New York, NY: Matthew Bender.

Henning, William H. [Professor] (1996). *The Law of Sales, 1996 Annual Supplement*. New York, NY: West Group.

Riskin, Leonard [Professor] and Westbrook, James [Professor] (1997). *Dispute Resolution and Lawyers*. (2nd ed.). St. Paul, MN: West Publishing Co.

SCHOOL OF MEDICINE

Internal Medicine

Khanna, Ramesh [Professor] with Nolph, Karl [Professor]; Prowant, Barbara F. [Research Associate Professor]; Twardowski, Zbyslut J. [Professor] and Oreopoulos, Dimitrios: Editors. (1997). *Advances in Peritoneal Dialysis*. (13th ed.). Toronto, Ontario: Peritoneal Dialysis Publications, Inc.

Perry, Michael C. [Professor] (1996). *Chemotherapy Sourcebook*. (2nd ed.). Baltimore, MD: Williams & Wilkins.

Perry, Michael C. [Professor] with Aisner, J.; Arriagada R.; Green, M. and Martini, M. (1996). *Comprehensive Textbook of Thoracic Oncology*. Baltimore, MD: Williams & Wilkins.

Weber, Karl T. [Professor and Chair] (1996). *Mysteries in Internal Medicine*. Columbia, MO: University of Missouri - Columbia Printing Service.

Missouri Institute of Mental Health

Johnson, Mary E. [Librarian IV]: Editor. (1997). *Library Services in Mental Health Settings*. Lanham, MD: Scarecrow Press.

Sluyter, Gary V. [Clinical Associate Professor] (1997). *Improving Organizational Performance*. Thousand Oaks, CA: Sage Publications, Inc.

Wedding, Danny [Professor]: Editor. (1997). *The Neuropsychology Handbook, Volume 1: Foundations and Assessment*. (2nd ed.). New York, NY: Springer.

Wedding, Danny [Professor]: Editor. (1997). *The Neuropsychology Handbook, Volume 2: Treatment Issues and Special Populations*. (2nd ed.). New York, NY: Springer.

Orthopaedic Surgery

Greene, Walter [Professor and Chair]: Editor. (1997). *Essentials of Musculoskeletal Care*. Rosemont, IL: American Academy of Orthopaedic Surgeons.

Psychiatry and Neurology

Beitman, Bernard D. [Professor and Chair] with Levenson, H. and Butler, S. F. (1997). *Concise Guide to Brief Dynamic Psychotherapy*. Washington, DC: American Psychiatric Press.

Husain, Syed Arshad [Professor and Chief] with Munoz, Rodriguez and Balon, Richard: Editors. (1997). *International Medical Graduates in the United States, Challenges and Opportunities*. Washington, DC: American Psychiatric Press.

Physical Medicine and Rehabilitation

Farmer, Janet [Associate Professor] with Bigler, Erin D. and Clarke, E.: Editors. (1997). *Childhood Traumatic Brain Injury*. Austin, TX: PRO-ED.

SCHOOL OF NURSING

LeMone, Priscilla [Assistant Professor] with Taylor, C. and Lillis, C. (1996). *Fundamentals of Nursing: The Art and Science of Nursing Care*. (3rd ed.). Philadelphia, PA: Lippincott-Raven.

LeMone, Priscilla [Assistant Professor] and Rantz, Marilyn J. [Associate Professor]: Editors. (1997). *Classification of Nursing Diagnoses: Proceedings of the Twelfth Conference*. Glendale, CA: CINAHL Information Systems.

COLLEGE OF VETERINARY MEDICINE

Veterinary Medicine and Surgery

Kornegay, Joe N. [Professor and Chair] with Oliver, John E. and Lorenz, Michael D. (1997). *Handbook of Veterinary Neurology*. (3rd ed.). Philadelphia, PA: W. B. Saunders Company.

Youngquist, Robert S. [Professor and Associate Chairman] (1997). *Current Therapy in Large Animal Theriogenology*. Philadelphia, PA: W. B. Saunders Company.

UNIVERSITY EXTENSION-MU

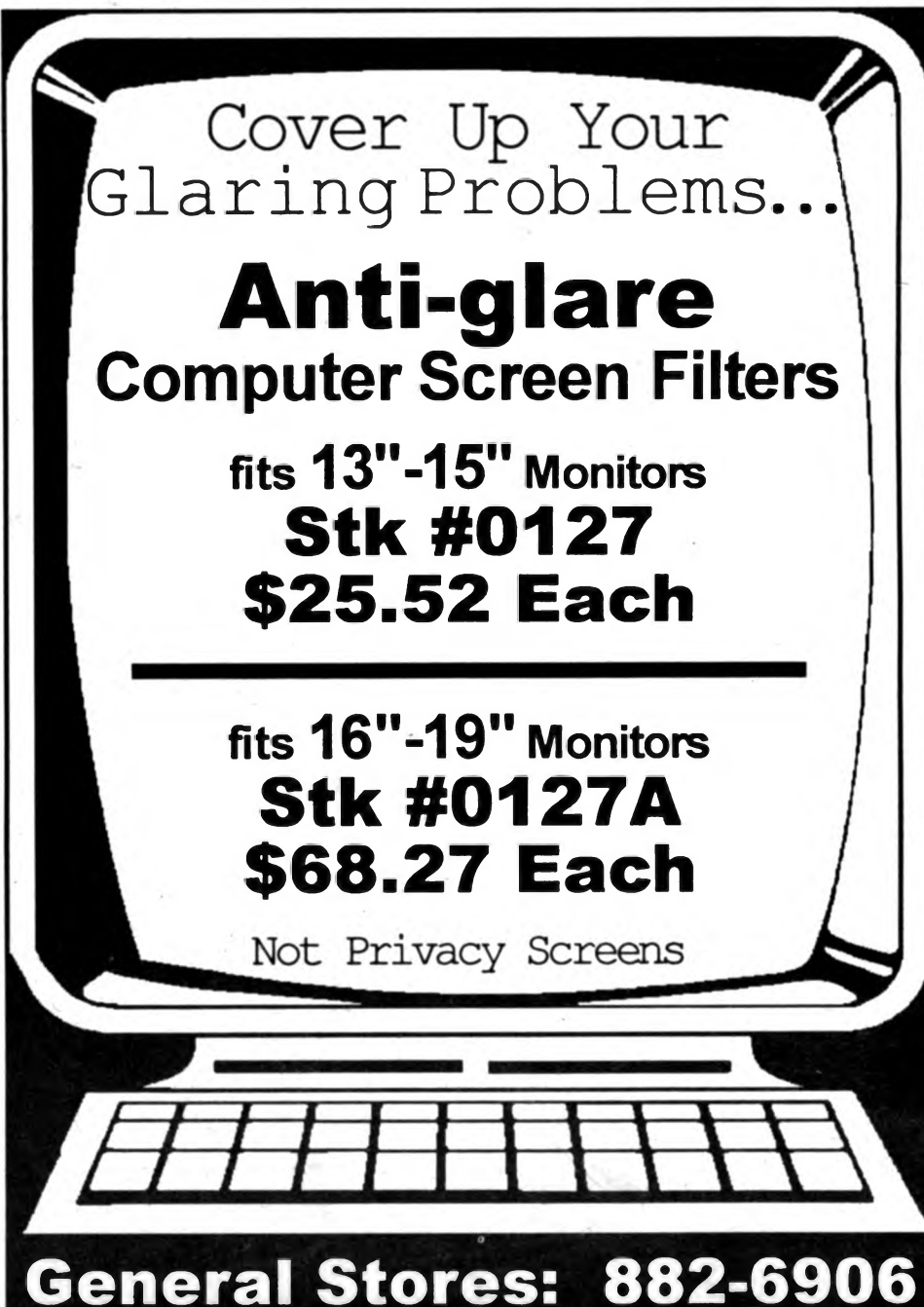
Center for Independent Study

Pittman, Von [Director] (1997). *Surviving Graduate School Part Time*. Thousand Oaks, CA: Sage Publications, Inc.

UNIVERSITY LIBRARIES

Ellis Library

Nagar, Murarilal [Emeritus Librarian] and Lee, Katherine Marie: Editors. (1997). *William Alanson Borden: An Apostle of International Librarianship*. Columbia, MO: International Library Center.



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20
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OF BURN CARE

George David Peak

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Memorial Burn Care Center
at University Hospital

For 20 years, the George David Peak Memorial Burn Care Center at University Hospital has delivered specialized burn care to mid-Missourians. Today, our physicians and staff members care for more than 100 inpatients and 2,000 outpatients each year.

The care we deliver in the burn center often is lifesaving and life changing. And we're in the forefront of burn care by offering new techniques for skin replacement, including the use of cultured skin and dermal substitutes. Our staff also is committed to teaching and educating children and adults how to prevent burns caused by fire, scalds and work-related injuries.

We salute our dedicated burn care team for their tireless efforts on behalf of these special patients, especially Boyd Terry, M.D., medical director of the burn care center. Dr. Terry was instrumental in establishing the burn care center 20 years ago and has been caring for burn patients at University Hospital and Clinics ever since.



Mid-Missouri's only Burn Intensive Care Unit, established in 1977, was made possible with the generous support provided by George and Blanche Peak. The Peaks donated funds to establish the unit in memory of their son, George David Peak.

The younger Peak was enroute to southern Missouri to conduct a training class for ambulance technicians when the light plane in which he was traveling crashed in bad weather. He had been a member of the Boone County Volunteer Fire Department and an original member of the Emergency Medical Services team at University Hospital and Clinics.

We thank the Peak family for their initial gift and their ongoing support of the George David Peak Memorial Burn Care Center.

1998 A&S Week

For one week each year, Mizzou's College of Arts & Science gets a chance to toot its own horn. Arts & Science Week will be held from Feb. 16 to 21 this year, and the theme for the event is "Achievement and Success." The week-long celebration will feature a full roster of activities that include distinguished speakers, a scholarly symposium, alumni and student panel discussions and a showcase of undergraduate research projects.

•**Monday, Feb. 16** — At 7:30 p.m. in Jesse Auditorium, Morris Dees, founder of the Southern Poverty Law Center will present the Lloyd Thomas Lecture, "Passion for Justice."

•**Tuesday, Feb. 17** — The Missouri Symposia on Research and Educational Policy will convene for two days of presentations on this year's topic "Social Class, Poverty and Education." Today's sessions are:

Peter Cookson from Teachers College, Columbia University, will present "First Person Plural: Creating a Just School System" at 9:15 a.m. At 1:45 p.m. Annette Lareau from Temple University will present "Class, Class Culture and Cultural Capital: A Theoretical Analysis." At 2:45 p.m. Ricardo Stanton-Salazar from the University of California-San Diego will present "Perilous Webs: Ties to Kin and School Personnel as Sources of Social and Institutional Support — A Focus on Low-Income and Mexican-Origin Adolescents."

•**Wednesday, Feb. 18** — The symposium continues with: Greg Duncan from the Institute for Policy Research at Northwestern University will present "Poverty and Child Development" at 8:45 a.m. MU doctoral candidate Kevin Payne will present "Aggregation, Estimation and Other Problems in Studying the Effects of Social Class in Education" at 9:45 a.m. That afternoon at 1:45 p.m. David DuBois, assistant professor of psychology, will present "Family Disadvantage, the

Self and Academic Achievement: Self-Concept, Self-Standards, Self-Values and Self-Esteem." At 2:45 p.m. Michael Knapp from the University of Washington will present "Policy, Poverty and Excellent Teaching."

All sessions will be held in N201-202 Memorial Union, and many will be followed by general discussions. The \$25 registration fee is waived for MU students, faculty and staff. For registration information, call 882-4577.

Also on Wednesday, the A&S Week Undergraduate Research Project Showcase will be held from 3:30-5 p.m. in N214-215 Memorial Union.

•**Thursday, Feb. 19** — The English Graduate Student Conference "English Meets the World" begins with a lecture by Margaret Peden, professor emerita of Romance languages, on "Sor Juana Ines de la Cruz: Passages" at 7 p.m. in 22 Tate Hall.

•**Friday, Feb. 20** — The Arts & Science distinguished alumni and service awards will be presented at the A&S Week Banquet, which begins with a 6 p.m. reception at the Holiday Inn Executive Center. The cost is \$15; call 882-4421 for reservations.

Also today, as part of the English Graduate Student Conference, Philip Barnard from the University of Kansas will present "Constructing Identity in the Early Republic: Charles Brockden Brown and Victor Sejour" at 6 p.m. in 22 Tate Hall.

•**Saturday, Feb. 21** — The English Graduate Student Conference continues with a lecture by Henry Sullivan, professor of Romance languages, on "Shakespeare and Calderon: The Prince of Denmark and the Prince of Poland" at 1 p.m. in 102 Tate Hall.

Cheryl Lester from the University of Kansas will present "Listen Up! Talking With African Americans in Quindaro, Kansas" at 7 p.m. in 22 Tate Hall.

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DIALING UP MIZZOU'S BEST AND BRIGHTEST

Faculty in the College of Business and Public Administration are taking an active role in recruiting the best and brightest students to MU. John Howe, right, professor of finance, is one of more than 20 B&PA faculty members who volunteer to call high-ability students who have been admitted to Mizzou.

A personal phone call from a professor could tip the scales when those students are deciding whether to attend MU or another university. Howe and the other faculty answer questions about curriculum, career opportunities and job recruitment available at the college.

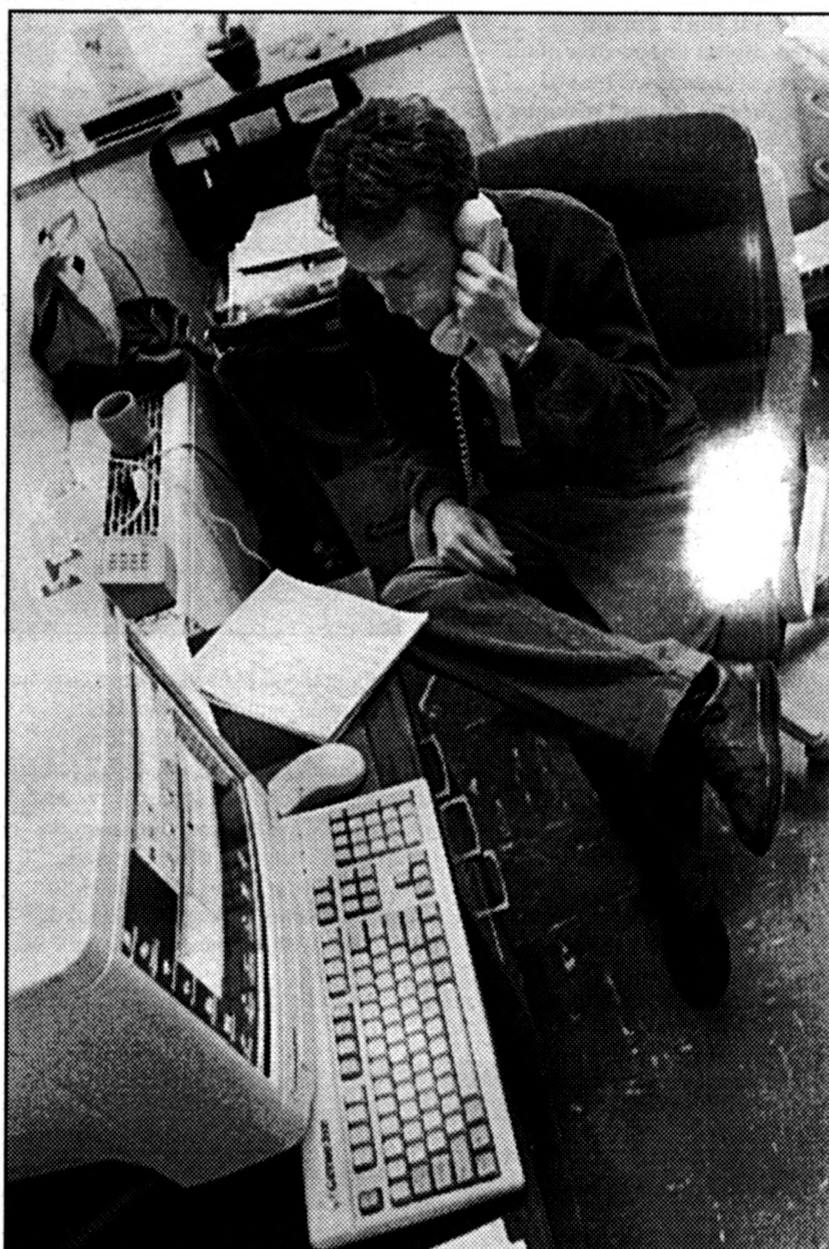
The program was launched several years ago by then associate dean Robert Penfield. Faculty members telephone admitted students who have scored 29 or higher on the ACT; the college's Student Ambassadors call admitted students in the next tier of ACT scores.

Associate Dean Ken Evans, estimates that B&PA faculty call more than 150 students year.

"Students are so tickled to get a call," says Evans, who has made more than a few of those phone calls himself. "Sometimes faculty end up spending a long time talking to parents. They're always pleased as punch that a professor has called." The college's innovative approach to student recruitment is one way that Mizzou is working to reach its goal of attracting more high-ability freshmen. In recent years, the average ACT score of incoming freshmen has continued to climb, and reached a record 25.7 in fall 1997.

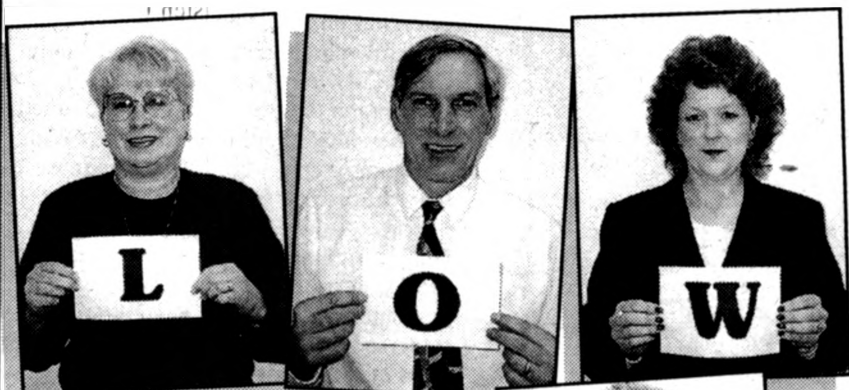
Phone calls from B&PA faculty are aimed at increasing the "yield rate" of high-ability students — or the number of students who are admitted to MU who actually go on to enroll here.

The enrollment target for the fall 1998 freshman class at MU is 3,740. That would be nearly a 6 percent increase over last fall's freshman class of 3,546.



Rob Hill photo

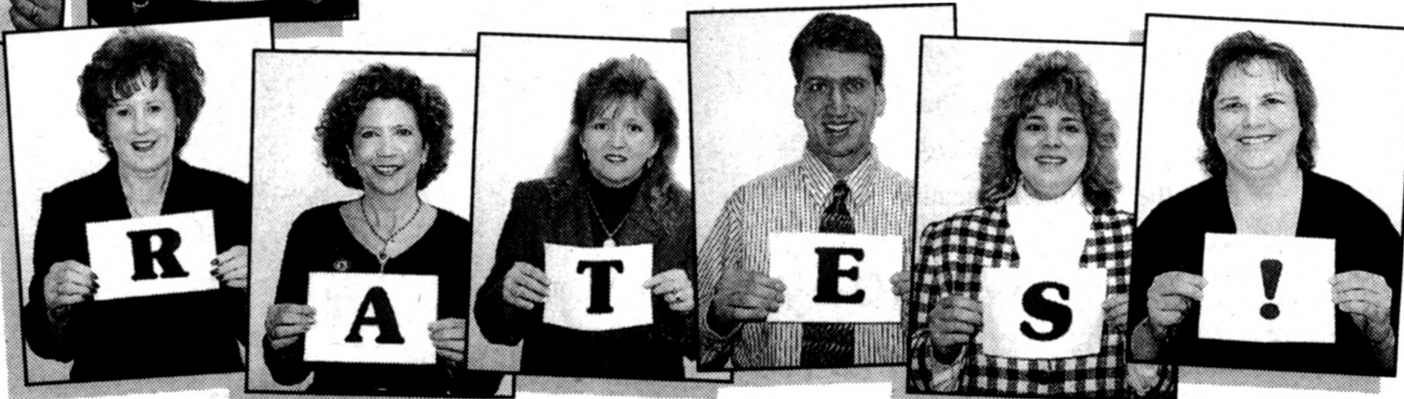
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Plant pathologist Barb Corwin examines the digital image of a plant for symptoms of disease. The MU Distance Diagnostic Project reduces the turnaround time required to diagnose problems farmers might be having in their fields. The clinic diagnoses damage problems from disease, weeds and insects.

Jim Curley, photo

Digital diagnosis

Scientists diagnose plant disease with computer imaging technology.

With the click of a key, Barb Corwin brings up the image of a diseased corn plant on her computer screen and examines it carefully. "You can see the browning of the roots and the blackening of the seed coats," she said. Diagnosis: anhydrous ammonia injury.

Corwin, an MU plant pathologist, has turned to digital scanning technology to diagnose plant diseases. Dubbed the Distance Diagnostic Project, the method saves time and money for farmers and

extension specialists who previously had to mail plant samples to the MU Extension Plant Diagnostic Clinic.

The goal, Corwin said, is to decrease the time it takes to respond to requests for diagnoses. "We hope to cut down on people spraying immediately while they're waiting for us to get back to them," she said. "We get backlogged here," but with the new technique, "we

can diagnose it right away, or at least give them some hints."

"I think the potential for it is pretty significant," said Scott Killpack, regional extension specialist in St. Charles County. "From an extension perspective, it has lots of positive outcomes. I've sent images to her, and she's sent me an e-mail or given me a phone call to confirm a diagnosis. The main advantage has been quick

turnaround time."

Sending live samples through the mail, he said, "takes time. And if it's summer the heat can deteriorate the samples fairly quickly."

There are several ways to take and transmit digital images of plants and insects, Corwin said. One of her aims is to formulate written guidelines on what can be photographed and the best ways to do it.

The procedure Killpack used to photograph the diseased corn plant was to "rinse off the roots and put them straight on a flatbed scanner," Corwin said. Flatbed scanners provide finer detail and higher resolution, but their bulk makes them impractical for fieldwork, and they can reproduce objects only up to a certain size.

"For fieldwork, you need a digital camera," Corwin said. For laboratory use, "we'd suggest a scanner because there are so many other uses for it." Images taken with a video capture-card for single frames may also be used, as well as a video camera with a freeze-frame apparatus, but those don't have the detail of digital images.

A low-end digital camera costs about \$400. Corwin called up a digital photograph of a tomato leaf and pointed out the telltale Septoria leaf spot. "With this photograph, we're able to diagnose this leaf disease right away."

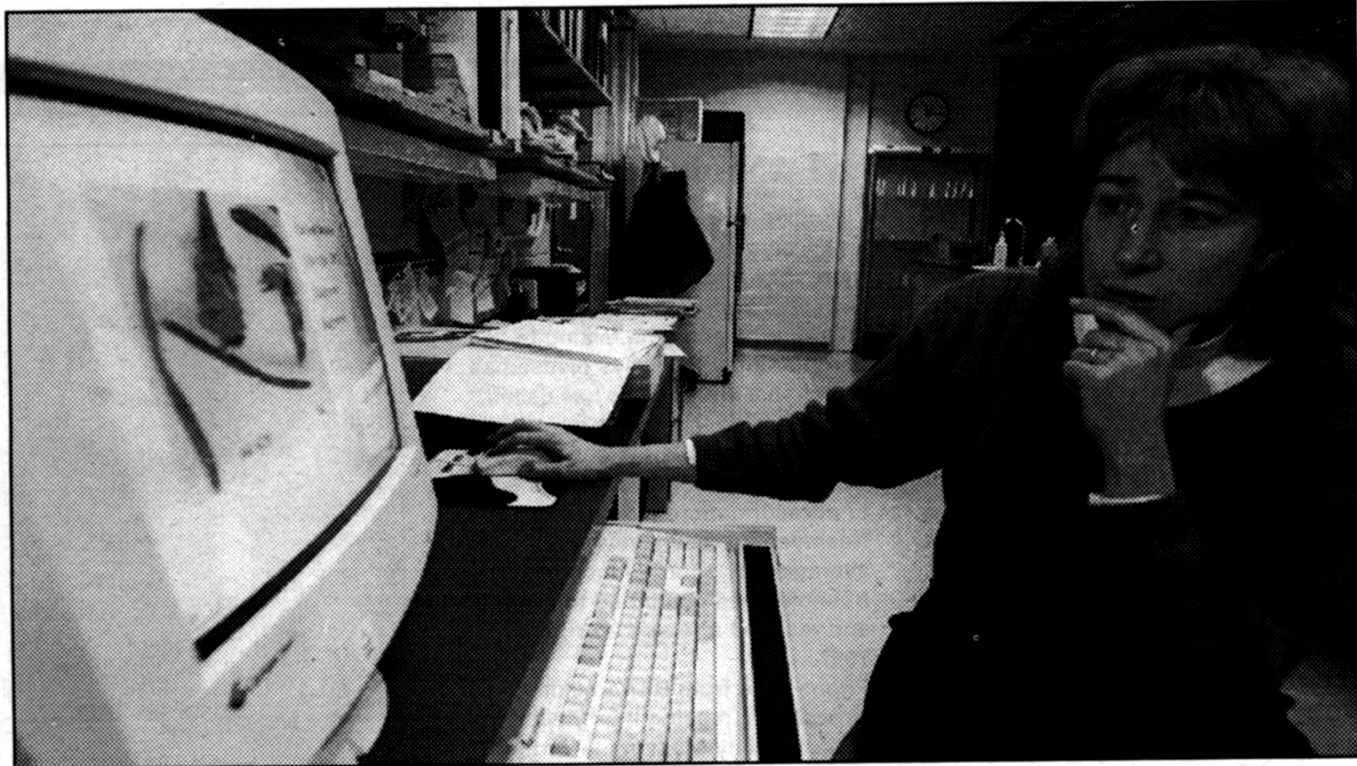
Most of the requests to the Distance Diagnostic Project come from regional extension specialists.

Some, like Killpack, have their own folders on the extension network that link them electronically with the plant diagnostic clinic.

Killpack, an agronomist, has worked closely with Corwin on the project. The two have already held a training sessions to teach others to use the new diagnostic tool. They hope to hold another at the National Extension Technology conference this June in St. Louis.

Not all the long-distance diagnoses concern production agriculture. Corwin called up an image of an orange spider that had been sent to extension entomologist Darryl Sanders for identification. Because the spider was the pet of a first-grade class, the arachnid itself couldn't be sent by mail.

Corwin said the distance diagnostic approach has reciprocal benefits, allowing plant pathologists to spot trends and disseminate the information. "We're planning to do a Web page on the clinic and let others know what we're seeing," she said.



Lloyd B. Thomas Lecture & Performance Series

Morris Dees is the Co-Founder and Chief Trial Counsel for the Southern Poverty Law Center which bankrupted the K.K.K. with a series of historic lawsuits in the 1980s. His Militia Task Force and Klanwatch monitors the activities of unauthorized militia and hate-based groups while his Teaching Tolerance project focuses on countering racist propaganda. In 1991 he received the Martin Luther King Jr. Memorial Award from the National Education Association.

Morris Dees

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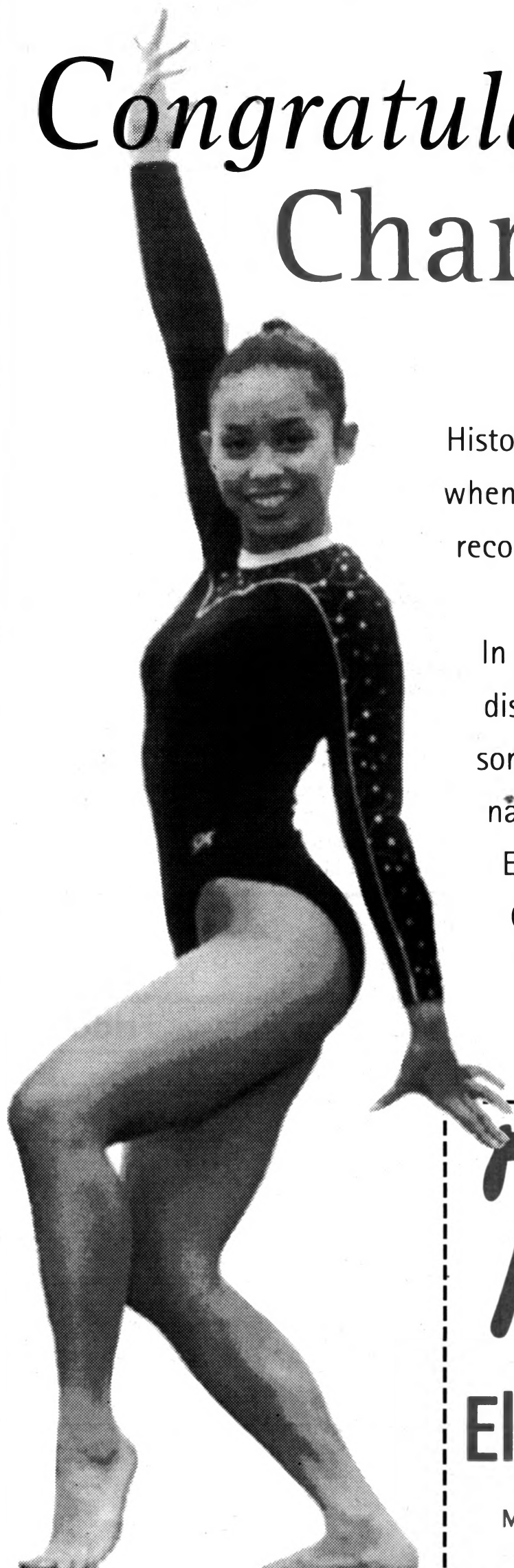
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Joining forces for K-16

The Coordinating Board for Higher Education, the State Board of Education and the UM Board of Curators have formed the Missouri K-16 Coalition, a new partnership in support of high educational standards for all students.

Coalition members will consider ways to better serve students, create a more comprehensive and coordinated educational system and raise expectations and performance levels of all students, from kindergarten through the baccalaureate degree.

The sponsors have asked 22 prominent Missourians from the public and private sectors to serve as members of the coalition. The group will work with all sectors of elementary, secondary and higher education both public and private. The coalition is charged with:

- promoting quality performance standards.
- encouraging faculty agreements on content and expectations in the major

disciplines, beginning with mathematics.
•increasing public awareness of the importance of improved student performance.

•supporting full articulation within and across educational sectors.

•identifying strategies for enhanced student performance based upon preparation and ability.

•developing policy recommendations to be shared with the sponsors of the coalition

The coalition initially will focus on ways to improve the success of Missouri students in mathematics, with emphasis on grades 11 and 12 and the first two years of higher education. Additional projects beyond mathematics will be considered throughout the year.

Mel George, UM president emeritus, will chair the coalition. In addition to George, UM Curator Malaika Horne of St. Louis is a member of the coalition.

Information and Access Technology Services Computer Courses

Registration 573/882-6006

The following non-credit courses are free of charge and open to MU faculty, staff and students unless otherwise noted. Registration is required and is done on a first-come, first-served basis. Registrants should remember to phone 882-4568 the day prior to class in order to obtain permission to park in lot RC20.

For the complete Course Schedule including class times, see the following URL: <http://www.missouri.edu/~cctrain/cccalendar.html>

For a complete listing of Course Descriptions, see the following URL: <http://www.missouri.edu/~cctrain/course.html>

Monday	Tuesday	Wednesday	Thursday	Friday
16 Electronic Class Rosters: 11am - 1pm (FOF/FOS)	17 SQL Part 1: 3pm - 5pm Photoshop: 9am - Noon Excel: 1pm - 4pm 	18 Excel: 9am - Noon Lists, Tables, Graphics: 1pm - 4pm	19 SQL Part 2: 3pm - 5pm Windows 95: 9am - Noon	20 Word: 9am - Noon Perl Forms: 2:40pm - 4:30pm Electronic Class Rosters: 11am - 1pm (FOF/FOS)
23 SAS Part 1: 2pm - 5pm Homepage: 1pm - 4pm	24 Electronic Class Rosters: 1pm - 3pm (FOF/FOS) Listproc: 2pm - 4pm (FOF)	25 SAS Part 2: 2pm - 5pm Advanced Word: 9am - Noon Frames, Image Maps, SSIs: 9am - Noon	26 Guestbook, Search Utility, Forms 9am - Noon Electronic Class Rosters: 3pm - 5pm (FOF/FOS)	27 SAS Part 3: 2pm - 5pm Web Workshop 1pm - 4pm (FOF/FOS)

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Scanner model	A300 Plus
Scanning system software	Book Pavilion
Optical resolution	600 dpi
Color settings	8 bit grayscale for majority of pages; 24 bit color for color illustrations/portraits/photographs
File types	tiff
Notes	

Derivatives - Access copy

Compression	Tiff: LZW compression
Editing software	Adobe Photoshop 2022
Resolution	600 dpi
Color	same as captured
File types	pdf created from tiffs
Notes	Images cropped, straightened, and brightened.