

MIZZOU

W E E K L Y

University of Missouri-Columbia Sept. 17, 1998

INSIDE THE WEEKLY

Page 2: Five new veterinary faculty improve the health of Missouri's livestock and economy

Page 6: The 1998 Faculty-Alumni Award winners are featured

Strategy for success

\$11 million NSF grant boosts life science research at Mizzou.

On the Mizzou campus yesterday, Chancellor Richard Wallace announced an \$11 million grant from the National Science Foundation. The largest single research grant ever awarded to the University, it will create a center for maize genome research on campus. The NSF also awarded more than \$500,000 to MU to enhance soybean research.

"We are extremely pleased and proud that the National Science Foundation has recognized the University of Missouri-Columbia, and especially our researchers Ed Coe and Joe Polacco, national leaders in these crucial fields of research," Wallace said. "These grants are a major component for our life sciences strategy as MU works to overcome the challenges that await us in the 21st century."

MU competed with more than 60 other institutions for the grants, of which 10

were awarded. The NSF grant was made possible because of an initiative, sponsored by Sen. Christopher "Kit" Bond, to place \$40 million in the NSF budget for a competitive program on plant genomics related to economically important crops.

"I am very excited that through a competitive process, the University has earned this significant grant, which will help put MU on the ground floor as we move forward into the new millennium that scientists are calling the 'century of biotechnology,'" Bond said. "This is a great achievement for the University of Missouri and represents another critical step forward in making Missouri the Silicon Valley of biotechnology."

"We applaud Sen. Bond's visionary leadership on a program that will have major implications on feeding the world in the 21st century," said Jack Burns, vice

provost of research. "This was a very selective process by the National Science Foundation and our researchers worked very hard to win the award. This grant underscores why life sciences is a key part of MU's mission enhancement proposal and will couple with the additional state resources to make MU a national and international leader in the area of plant science research."

Part of the research will include enhancing the content and effectiveness of the maize genome database started by the U.S. Department of Agriculture in 1991. Other researchers will look at gene selection and it will be the responsibility of MU to link all of the information together in the databases. These resources will provide for much greater efficiency in mapping and identifying the 50,000 to 80,000 genes of maize.

"Once we have the resources, knowledge and database complete, the possibilities are endless," Coe said. "As we learn more about how the systems of these plants work, we will know what we can manipulate. Benefits of this research include better yields, reduced fertilizer requirements and better quality food. The

end result is a better quality of life not only for us, but for the entire planet."

For the soybean research, scientists will attempt to identify and determine what each of the 50,000 to 100,000 soybean genes actually do in the plant. Once identified, scientists will know which genes to target for increased yield, and disease- and pest-resistant varieties. This work also will provide the scientific community with a large database filled with information that will increase the efficiency of current soybean research.

MU scientists involved in the maize project will collaborate with scientists at Clemson University and the University of Georgia to develop the physical resources, information systems and student training. In the soybean project, MU is one of four university partners with Iowa State University, the University of Minnesota and the University of Illinois. The maize grant is for five years and the soybean grant is for four years. Both will go toward a national Center for Crop Genomics on the MU campus, which will be housed in the proposed life sciences building.

Strength in the core

New Arts & Science Dean Richard Schwartz says Mizzou provides undergraduates with a 'serious and authentic' education.

Like any mystery writer worth his salt, Richard Schwartz doesn't want to spoil the ending for his readers. But Schwartz, who took over Sept. 1 as dean of arts and science, will say this much: His 1989 novel, *Frozen Stare*, takes place in Chile after the fall of the Allende government.

He got to know that country during his previous job as dean of the Graduate School of Arts and Sciences at Georgetown University. "When the military government was installed in Chile they removed economists from the university who were not trained at the University of Chicago," Schwartz explains.

"The economic system of Chile for a while was run by what the Chileans called the Chicago boys. We thought it would be a good idea to have a more pluralist approach to economics which would include people from other institutions as well. So we set up a master's program in Santiago in economics which now is one of the premier economics programs in Latin America."

While it might seem unusual that someone with Schwartz's academic credentials would be bitten by the mystery bug, it's not a new development. "I've written a lot of mystery novels, but I've only

sold one," he says. "There's a big distinction there. It's not how many you've written; it's how many you've published."

If that's the case, Schwartz can point to an impressive tally of titles that he's written on a broad array of topics: the history of science, issues in theology and philosophy, literary criticism, and what he jokingly calls his "bestseller" — a glimpse of what everyday life was like in 18th century London.

"Most of my writing has focused on a single major figure in the 18th century," he says. "I always try to bring it back to this central figure, Samuel Johnson, who is my focus and my prism, and who is for me one of the two or three major writers of the 18th century."

"I guess I would describe myself more as a historian. My early work is really intellectual history and then social history, more than pure literary criticism."

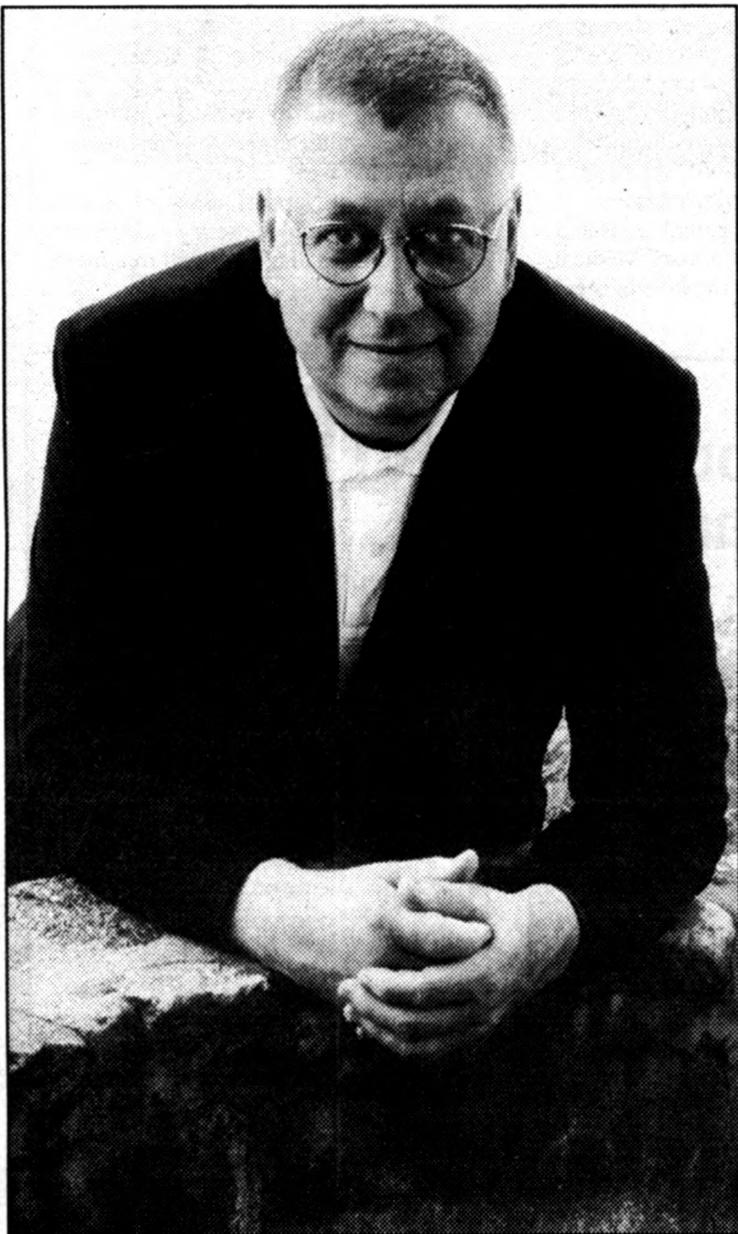
Due out next fall is a book of short stories that are "part fiction and part memoirs" about growing up in a Cincinnati suburb in the 1950s, he says. "The period of my adolescence corresponded exactly with the 1950s, so this is my account of things like the birth of rock 'n' roll, drag racing, caddying and other '50s phenomena."

Schwartz went on to earn his undergraduate degree at the University of Notre Dame, and did his master's and doctoral work at the University of Illinois in English language and literature. He has

MU is poised for growth, says Richard Schwartz who took over officially as dean of Arts and Science Sept. 1.

Jonathan Schwartz photo

See Schwartz on Page 9



PROVOST PREVIEW

Marvin Marshak and Dale Whitman, the first two of four provost candidates, took part in a two-day interview process this week on campus, including open meetings with the University community. Two more candidates will interview next week. Rollin Richmond, provost and executive vice president for academic affairs at the State University of New York-Stony Brook, will take part in an open meeting Monday, Sept. 21 from 2:30-4:15 p.m. in Memorial Union's Stotler Lounge. Brady Deaton, deputy chancellor and interim provost at MU, will participate in an open meeting

Wednesday, Sept. 23 from 2:30-4:15 p.m. in Columns Rooms A and B in the Reynolds Alumni Center.

As part of the selection process, all four candidates have responded to a series of questions posed by MU's Faculty Council. Their responses are available at the Faculty Council's website at:

<http://www.missouri.edu/~mufcw>
ww

MYTH AND METAMORPHOSIS

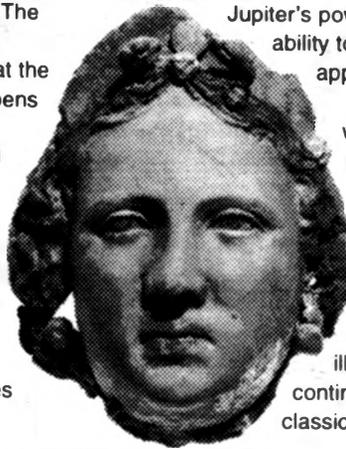
He stole hearts. He seduced the ladies. He fathered many children. His sexual exploits are legend. Art lovers, however, don't have to

know all the myths that surround Jupiter or his children to appreciate the colorful images in the exhibition, *Jupiter's Loves and His Children*. The exhibit, organized by the Georgia Museum of Art at the University of Georgia, opens to the public Sept. 26 at MU's Museum of Art and Archaeology in Pickard Hall.

Jupiter, king of the pagan gods, is depicted in his pursuit and conquest of several women. Additional images focus on the

exploits of the offspring that resulted from his conquests. *Metamorphosis* plays an important role in this exhibit, for part of Jupiter's power was his ability to change his appearance.

More than 50 works in pottery, bone, metal, drawings, prints, watercolors, paintings and books illustrate the continuity of classical mythology



from the 6th century B.C. to the 20th century. A series of Midday Gallery Events, lectures and educational activities are planned to coincide with the exhibit. The museum's hours are 9 a.m.-5 p.m. Tuesday through Friday, 6-9 p.m. Thursday, and noon-5 p.m. Saturday and Sunday. The exhibit runs through Dec. 20.

Head of Medusa courtesy of the Museum of Art and Archaeology University of Missouri-Columbia Weinberg Fund

Animal husbandry

Five new MU faculty improve health of livestock, economy

We are familiar with what happens if humans don't eat a well-balanced diet, but we never stop to think how cattle missing important nutrients in their diets could affect us. One way is through our pocketbooks. "Agriculture is one of the cornerstones of the Missouri economy. Changes in livestock production have a major impact on communities, cities and states across the nation and the world," said Jeff Tyler, associate professor of veterinary medicine. Tyler leads the food animal section at the College of Veterinary Medicine, which boasts five new faculty members in the last 18 months. The new faculty are a result of filled vacancies, reorganized funding and a renewed emphasis on the section. The section provides research, teaching and service on such topics as micronutrient deficiencies in cattle, mastitis of dairy cattle, environmental toxicology, pneumonia, and calf health. The economy is not the only way we are affected by food animal research. "A lot of the research that we do

'Agriculture is one of the cornerstones of the Missouri economy. Changes in livestock production have a major impact on communities, cities and states across the nation and the world.'

— Jeff Tyler, associate professor of veterinary medicine

has direct applications in human health, either by creating animal models for diseases that affect humans, or improving our understanding of diseases that are transmitted between animals and humans," Tyler said.

Tyler has found a widespread, severe selenium and copper deficiency in cattle in the state of Missouri. This means Missouri cattle suffer from decreased

resistance to disease, decreased productivity, diarrhea, anemia and decreased rate of gain. "When I came to Missouri, I recognized that this state had some of the best beef cattle I had ever seen," said Tyler, who came to MU about 18 months ago. "Surprisingly, some herds with very similar genetics had grossly inferior productivity. We began to look for factors that made those herds different. One of the first factors we recognized was micronutrient deficiencies. Over a two-year period, he and a team of MU researchers are studying blood samples from calves in all 114 counties of Missouri. After they identify affected regions and farms where calves have micronutrient deficiencies, they plan to observe and evaluate the management and feeding practices on those farms and suggest diet changes for the cattle. The researchers are about midway through the collection process now, and they are finding that 20 percent of the calves are deficient in either selenium or copper.

MU faculty members (including those in the food animal section), veterinary practitioners and animal owners nationwide rely on the pathologists and facilities of the MU Veterinary Medical Diagnostic Laboratory to perform more

than 300,000 specialized diagnostic tests annually to answer questions about management of animal diseases and prevention of disease outbreaks. It is one of only 37 veterinary medical diagnostic laboratories in the nation that is accredited by the American Association of Veterinary Laboratory Diagnosticians and is the only one dedicated to protecting the more than \$2 billion per year Missouri livestock industry.

The new faculty members in the Food Animal Section and their research areas are:

- Jeff W. Tyler, associate professor and head of food animal section — micronutrient deficiencies in cattle and immunity in young livestock
- Victoria Lynn Douglas, clinical instructor of food and animal surgery — mastitis of dairy cattle
- Douglas E. Hostetler, clinical instructor of food and animal surgery — cattle lameness and mastitis of dairy cattle
- Jeffrey Lakritz, assistant professor of food and animal surgery — pneumonia and lung diseases
- Germain Nappert, assistant professor of food and animal surgery — calf and human diarrhea diagnosis and treatment.

**Join us today,
September
17th at 5 p.m.**

as David O'Brien,
Valeri Patsiorkovski,
Larry Dershem and
Charles Timberlake sign

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**Mark your
calendar:**

October 2, 3-4 p.m.
John Morris signing
Get the Picture

October 9, 9-10 a.m.
Author Reception
**African American Poetry
Festival**

October 22, 5-6 p.m.
Focus on Faculty Series:
Guy Anderson signing
**Unmasking
Administrative Evil**

MIZZOU
WEEKLY

Volume 20 Number 4

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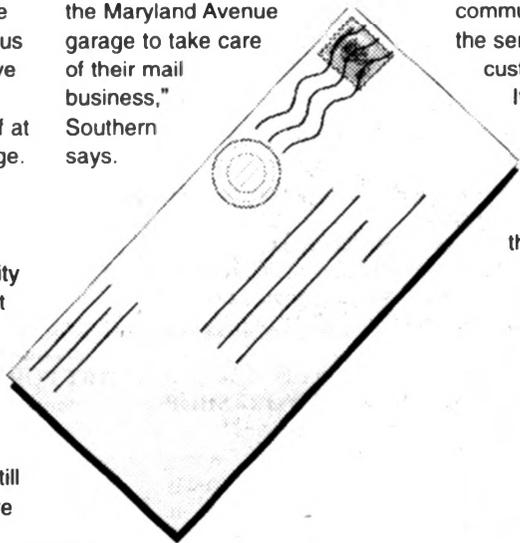
Printed with soy ink on recycled newsprint containing 90 percent to 100 percent post-consumer waste.

CHANGE OF ADDRESS

Have you been having trouble lately keeping track of the Campus Mail Service offices? Well, they've consolidated the operation and everything is now under one roof at the new Hitt Street parking garage. The Bulk Mail operation moved there recently from the Printing Services building on Maguire Boulevard. The central mail facility also has moved to the Hitt Street garage from their old location in the Maryland Avenue garage.

Jim Southern, manager of Campus Mail, says they're still trying to get out the word. "We still have people going out to Maguire

Boulevard or coming to the Maryland Avenue garage to take care of their mail business," Southern says.



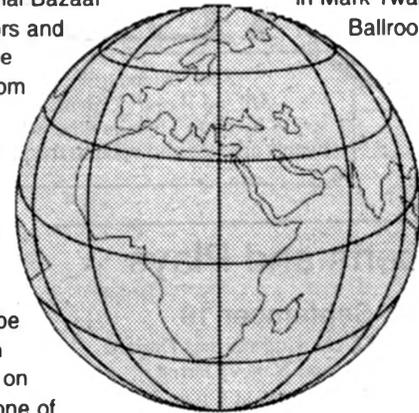
"We invite the campus community to come by and see all the services we can offer customers in the new location." It's not hard to find. Use the Elm Street entrance at the north end of the garage. The mail facility is open 8 a.m. to 5 p.m. Monday through Friday.

INTERNATIONAL FLAVOR

One of Mizzou's most popular annual events is just around the corner. The International Bazaar will bring sounds, colors and flavors from around the world to Lowry Mall from 10 a.m.-3 p.m. Sept. 25. Booths sponsored by international student organizations will display arts, crafts and food samplings from their countries.

The bazaar might be one of the best known international activities on campus, but it's only one of

many events that showcase global activities at MU during International Week, which begins Sept. 19 with "Party Around the World" at 9 p.m. in Mark Twain Ballroom.



Opening new careers

Times change, and so has one of Mizzou's oldest academic degree programs. Agricultural Engineering, a program dating back to the 1870s, has evolved to become Biological Engineering.

And it's far more than a name change, points out Neil Meador, who heads the new program. While the Agricultural Engineering program focuses on agricultural equipment design, the new program integrates engineering with biological sciences in the design of biological systems.

"The increased reliance on biological solutions is fueling demand for biological engineers," Meador said. "The trend around the country has been to move to this kind of program."

With the new program at MU, freshman enrollment doubled this fall from 12 to 24. This includes 50 percent women and 10 percent minorities; something almost unheard of in the days of plows and tractors.

Five of these students finished first in their high school class. Nine have Curators' or Bright Flight Scholarships.

"We are attracting some of the state's brightest students," Meador said.

Agricultural Engineering does not attract urban students and without these it is difficult to maintain enrollment, he said. Although placement for agricultural engineers has been good, job opportunities are not increasing.

Of the 24 incoming freshmen, seven have indicated an interest in pharmaceutical or medical careers. Others want to develop systems for new food products or biological systems to solve environmental problems.

Revised and additional courses deal with the properties of biological materials, cell structure, physics and chemistry. In addition to coursework, students also have

opportunities to work with faculty in research projects linked to their studies, he said.

The Agricultural Engineering program will remain in existence as a separate program until students now enrolled graduate, Meador said. "Then we will ask that it be included as a specialization under Biological Engineering. We cannot make a change overnight. We are ramping up to the new program."

The Biological Engineering program opens careers to students who want to receive only an undergraduate degree. Many companies will hire a student trained in this area without them having to earn advanced degrees, he said.

Law Enforcement Training Institute

<http://www.missouri.edu/~letiwwww/>

"We are on the road 25 weeks a year teaching courses from one end of the country to another. LETI has been training law enforcement officers since 1948, but the need for courses in animal control has skyrocketed in recent years."

—Mike Gillingham, Law Enforcement Training Institute



Nationally unique. Not many programs can honestly claim to be one-of-a-kind, but Mike Gillingham truly has a corner on the market when it comes to providing comprehensive training for animal control officers.

He and colleague Charlie Craig travel all over the country to teach officers and humane society staff -- more than 3,500 since 1990 -- how to investigate crimes of animal abuse, neglect and cruelty. So popular are their week-long training programs that the team from MU Extension's Law Enforcement Training Institute is booked up more than a year in advance.

Mike's award-winning academies meet a growing state and national need. Of course, that's what Extension is all about...

MU Extension
<http://muextension.missouri.edu>

The Power of Lifelong Learning

The right stuff?

Biomedical research might be based on faulty assumptions.

Age-old wisdom tells us that we must be careful about what we use as a foundation: The foolish man builds his house on the sand. MU researchers have revealed an anomaly in biomedical literature that exposes a possibly sandy foundation underlying current research.

An MU research team examined retracted biomedical articles, or articles that were withdrawn because of error, misconduct, or because results could not be replicated, and found that "erroneous or fraudulent research can continue to be accepted as valid," said lead researcher John M. Budd, associate professor of education. The results are featured in the July 15 issue of the *Journal of the American Medical Association*, in an issue that examines peer review in biomedical research.

"This means that biomedical researchers could be basing treatment and clinical applications on faulty assumptions, which

could, in a worst case scenario, put some patients at risk," Budd said. They chose to study biomedical research because it has the potential to become the most dangerous to the public.

The 235 retracted articles in the study were cited 2,034 times after the retraction notice. A study of those citations revealed that almost all of the citations treated the article as though it was valid research.

Budd presented the results at the Third International Congress on Peer Review in Biomedical Publication in Prague, Czech Republic last fall. Many editors of leading biomedical journals were present and were surprised to learn of the retraction study findings.

"To the information science community, this study indicates that researchers are getting their information from sources other than formal literature index searches, such as Abridged Index Medicus or MEDLINE," said Budd, who studies and teaches information science in the MU College of Education.

"When they get their sources from a formal index, they have the advantage of receiving notices of retractions as well as a more complete search of literature available on their topic."

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 and Plays

Saturday, September 19

GUEST RECITAL: Guest artists Darlene Wiley, soprano, and Nancy Garrett, fortepiano, will perform at 8 p.m. in Whitmore Recital Hall in the Fine Arts Building.

Sunday, September 20

STUDENT RECITAL: Colin Roust will perform on the euphonium at 3:30 p.m. in Whitmore Recital Hall in the Fine Arts Building.

Monday, September 21

FACULTY RECITAL: Steve Geibel will perform on flute at 8 p.m. in Whitmore Recital Hall.

Tuesday, September 22

GUEST RECITAL: Guest artist Richard Crosby will perform on piano at 8 p.m. in Whitmore Recital Hall.

Thursday, September 24

THEATER SERIES: *Oleanna* will be performed at 8 p.m. tonight, Sept. 25-26, and Oct. 1-3, and at 2 p.m. Oct. 4 in Corner Playhouse. For ticket information, call 882-PLAY.

Conferences

Thursday, September 24

NURSING CONFERENCE: A one-day course on neurology will be offered from 7:45 a.m.-3:45 p.m. at the Holiday Inn East in Columbia. For cost and registration, call Jan Pickett at 882-0215.

Friday, September 25

NURSING CONFERENCE: A one-day course on clinical endocrinology and nephrology will be offered from 7:45 a.m.-3:45 p.m. For cost and registration, call Jan Pickett at 882-0215.

Courses

Thursday, September 17

ACCOUNTING SERVICES COURSE: Accounting Services presents a course on "FRS on the Web" from 8:30-10:30 a.m. today and also Oct. 15 and Nov. 19 in the computer lab on the second floor of Turner Avenue parking garage. To register, call 882-6750, or visit the website: <http://www.missouri.edu/~muacct/training.htm>.

RADIATION SAFETY COURSE:

Environmental Health and Safety presents "Radiation Safety at MU-Update," designed for experienced radiation workers, from 1:30-3:30 p.m. in the Research Park Development Building classroom. Course is

held the third Thursday of each month. Registration is required, call 882-7018.

Monday, September 21

INSTRUCTIONAL TECHNOLOGY

WORKSHOP: The MU Institute for Instructional Technology will present "The Care and Feeding of Your Computer," a basic course on computers and computer terminology from 8-10 a.m. at the Reflector in Townsend Hall. Space is limited and registration is required. Call 882-0645, or e-mail Anni Martin at petawm@showme.missouri.edu

EMPLOYEE ASSISTANCE WORKSHOP:

Human Resources Services presents "Eldercare: Options and Resources," a resource panel that will discuss day-to-day care for care givers from 5:30-7:30 p.m. in 119 Parker Hall. Registration required, call 882-6701.

Tuesday, September 22

HAZARDOUS MATERIALS COURSE:

Environmental Health and Safety will present "Introduction to Hazardous Materials Management" from 1:30-4:30 p.m. in the Research Park Development Building classroom. The course will be offered again Oct. 14, Nov. 24 and Dec. 16. Registration required, call at 882-7018.

CANDLEMAKING CLASS:

The MSA/GPC Craft Studio is offering a candlemaking class from 6:30-8:30 today and Dec. 8 in the Craft Studio, 203 Brady Commons. Cost is \$6.

Wednesday, September 23

CPR TRAINING:

Environmental Health and Safety presents American Red Cross certified training in infant and child CPR today from 9:30 a.m.-3:30 p.m. and again Dec. 29 from 8:30 a.m.-2 p.m. in the Research Park Development Building classroom. Registration required, call Rebecca Bergfield at 882-7018.

DATABASE WORKSHOP:

A workshop on searching the internet will be offered from 10-11:30 a.m. in 126 Health Sciences Library. The workshop will be offered again from 3:30-5 p.m. Oct. 19. To register, call 882-6141.

Thursday, September 24

ACCOUNTING SERVICES COURSE:

Accounting Services presents a course on "Account Information on the Web" from 8:30-11:00 a.m. today and also Oct. 29 in the computer lab on the second floor of the Turner Avenue parking garage. To register, call 884-0741, or visit the website: <http://www.missouri.edu/~muacct/training.htm>.

HUMAN RESOURCES COURSES:

- "Managing Multiple Priorities" will be presented from 9 a.m.-noon in S203 Memorial Union.
- "Is There Hope", a three-part course that covers the HOPE Scholarship Credit, Lifetime Learning Credit, and student loan interest deduction will be presented from 9-11 a.m. today, 9-11 a.m. Oct. 20, and 1:30-3:30 p.m. on Nov. 12 in the training room on the second floor of the Turner Avenue parking garage. Registration required, call 882-2603.

Exhibits

MUSEUM OF ANTHROPOLOGY: 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:
• "Wrapped Creatures: Animal Mummies from Egypt" is on display through next August
• "Greek and Roman Crafts: Metalwork, Textiles and Pottery" is on display until Oct. 4

• "The Aesthetic Energy of the Twentieth Century" is on display until Oct. 11

• "Passages: The Art of Jorg Schmeisser" is on display until Nov. 8

Ongoing Exhibits:

- "The Saul and Gladys Weinberg Gallery of Ancient Art"
- "Early Christian and Byzantine 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.

ART FOR LIFE: Works by staff members and volunteers at MU's Health Sciences Center are on display in the lobbies of University Hospital and Clinics, and Ellis Fischel Cancer Center through September 30.

STATE HISTORICAL SOCIETY OF MISSOURI:

- Works by John James Audubon are on display in the gallery from 8:30 a.m.-4 p.m. Monday-Friday, through September.
- Works by Victor Joseph Kunz are on display in the north-south corridor through October 1.

• "Decades: 1898 to 1968, Editorial Cartoons" is 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.

BINGHAM GALLERY: The annual MU faculty exhibition is on display until October 2. The gallery, located in A125 Fine Arts Building, is open from 10 a.m.-4 p.m. Monday through Friday.

BRADY COMMONS GALLERY:

- Paintings by John Kline will be on display through Sept. 18.
 - Paintings by Leah Mayhew will be on display from Sept. 21-Oct. 1.
- The gallery, located in 203 Brady Commons is open from 10 a.m.-5 p.m. Monday through Friday.

Films

Monday, September 21

MSA/GPC FILM: *Tampopo* will be shown at 7 and 9:30 p.m. in Memorial Union Auditorium. Cost is \$1.50, \$1 in advance.

Tuesday, September 22

MSA/GPC FILM: *Delicatessen* will be shown at 8 p.m. in Memorial Union Auditorium. Free with MU ID.

Friday, September 25

MSA/GPC FILM: *Guimba The Tyrant* will be shown at 7 and 9:30 p.m. tonight and tomorrow in Memorial Union Auditorium. Cost is \$2.50, \$2 in advance.

Lectures

Thursday, September 17

INTERNATIONAL AFFAIRS SEMINAR:

Win Burgraff, professor of history, will present "Venezuela in an Election Year" at noon in S204 Memorial Union.

WOMEN'S CENTER LECTURE:

Lynn Fair from the Boone County Health Department will present "Sex, Lies and STDs" at 4 p.m. at the Women's Center in 229 Brady.

NUTRITIONAL SCIENCES SEMINAR:

Lloyd Horrocks from the Department of Medical Biochemistry at Ohio State University will present "Prevention of Cardiovascular Disease with DHA and the Roles of Lipids in Alzheimer's Dementia" at 4 p.m. in 209 Gwynn.

Friday, September 18

ECOLOGY AND EVOLUTION SEMINAR:

Tia-Lynn Ashman from the University of Pittsburgh will present "Studies on the Evolution of Sexual Dimorphism in a Gynodioecious Wild Strawberry, *Fragaria virginiana*" at 4 p.m. in 106 LeFevre Hall.

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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/~iatstg/calendar.html>

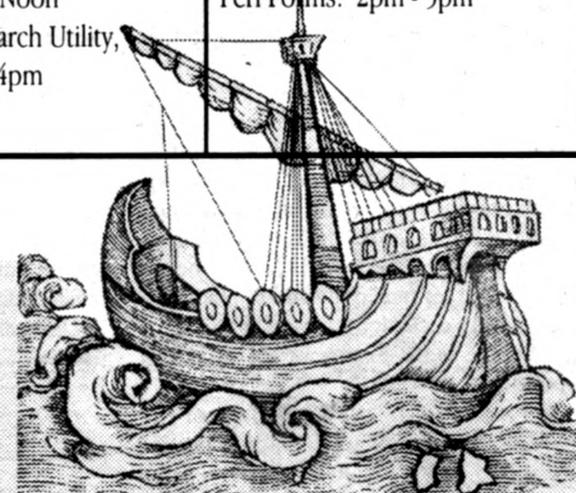
For a complete listing of Course Descriptions, see the following URL: <http://www.missouri.edu/~iatstg/course.html>

OCTOBER				
NOTE: CE=Computing Essentials				
Monday	Tuesday	Wednesday	Thursday	Friday
			1 PowerPoint: 9am - Noon Electronic Class Rosters/EDOG: 2pm - 4pm	2 Intro to Outlook 98: 9am - Noon Intro to Access: 1pm - 4pm
5 SAS Part 1: 2pm - 5pm	6 CE: Windows 95: 9am - 10am CE: Pine: 10am - 11am SAS Part 2: 2pm - 5pm	7 Intro to Access: 9am - Noon SAS Part 3: 2pm - 5pm	8 CE: FTP/Fetch: 9am - 10am CE: Exchange Web Client 10am - 11am Showme:Unix: 1pm - 4pm	9 Intermediate Access: 1pm - 4pm
12 Outlook for the PowerPC Mac: 9am - Noon Windows 95: 1pm - 4pm	13 Internet: 9am - Noon Intro to Excel: 1pm - 4pm	14 Intermediate Access: 9am - Noon Photoshop: 1pm - 4pm	15 Netscape Composer: 9am - Noon Intermediate Excel: 1pm - 4pm	16 CE: Windows 95: 10am - 11am CE: Exchange Web Client: 11am - Noon CE: Pine: 1pm - 2pm CE: FTP/Fetch 2pm - 3pm Pre-Programming: 2pm - 5pm
19 Internet: 9am - Noon Homepage: 1pm - 4pm	20 Intro to Excel: 9am - Noon Homepage: 1pm - 4pm	21 Intro to Outlook 98: 9am - Noon Lists, Tables & Graphics: 1pm - 4pm	22 Intermediate Excel: 9am - Noon Lits, Tables, Graphics: 1pm - 4pm	23 Perl: 2pm - 5pm
26 PowerPoint: 9am - Noon Frames, Image Maps, SSIs: 1pm - 4pm	27 Intro to Access: 9am - Noon Intro to Excel: 1pm - 4pm	28 Intro to Word: 9am - Noon Intermediate Excel: 1pm - 4pm	29 Intermediate Access: 9am - Noon Guestbook, Search Utility, Forms: 1pm - 4pm	30 Intermediate Word: 9am - Noon Perl Forms: 2pm - 5pm

Navigate the web with the new IAT Services Home Page!

IAT Services recently unveiled it's new home page, which features improved navigation capabilities, and easier-to-to use format, and a new look. Take a peek at the new pages, and let us know how we can make them even better.

<http://www.missouri.edu/iats/>



Congratulations 1998 Faculty-Alumni Award Winners

Business and civic leaders, volunteers, and MU faculty and supporters are among those to be honored by the MU Alumni Association at the 31st annual Faculty-Alumni Awards banquet Oct. 2 in the Reynolds Alumni Center. For reservation information, call 882-6613.

■ **LEE HILLS**, Journ '29, DHL '88, of Miami receives the Distinguished Service Award, the highest honor the Association awards an individual. Hills has worked in every important role in the print news media, including publisher and chief executive officer of two major newspapers, *The Miami Herald* and the *Detroit Free Press*. Hills — an architect of the merger of the Knight and Ridder newspaper groups, editorial chair of the Knight-Ridder Newspapers and chair emeritus of the Knight Foundation — has had a profound impact on the School of Journalism as evidenced by the Lee Hills Hall, the Lee Hills Chair in Free-Press Studies and the Knight Chair in Journalism.

■ **TOM FREEMAN**, Curators' Distinguished Teaching Professor of geological sciences, receives the Distinguished Faculty Award, the highest honor the Association grants to a faculty member. At MU since 1964, Freeman's exceptional teaching ability has been recognized with the Presidential Award for Outstanding Teaching from the University of Missouri System, a William T. Kemper Fellowship for Excellence in Teaching and the Neil Miner Award of the National Association of Geoscience Teachers. For many years, Freeman managed the department's Branson Field Camp in Wyoming.

Faculty-Alumni Award winners are selected for accomplishments in their professional lives and service to the University.

■ **DOUGLAS ALBRECHT**, BS RPA '74, is president and chief executive officer of Enterprise Capital Group in St. Louis. Since 1974, he has led the growth of the companies from \$250,000 in annual sales and two employees to \$300 million in sales and 1,000 employees today. Albrecht is responsible for eight companies in 10 cities. A community leader, he is chair and CEO of the Boone Valley Classic Charitable Foundation, which has raised more than \$500,000 for charity through an annual Senior PGA Tour golf tournament.

■ Professor and chair of philosophy **JOSEPH BIEN**'s international reputation as an excellent teacher and scholar attracts some of the best and brightest philosophy students from the United States and abroad. His research in social and political philosophy, and in 19th and 20th century continental thought has resulted in seven published books and articles translated into a number of languages. At MU he is in his fourth term as department chair, serving in that capacity longer than anyone else in the history of the department.

■ **PHILIP BRADLEY**, BS BA '82, of Key Biscayne, Fla., distinguished himself as one of MU's most talented and versatile

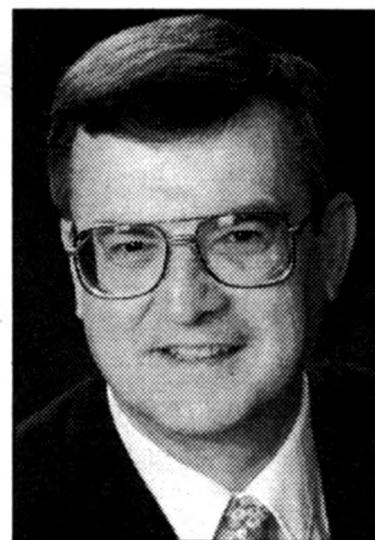
athletes with full scholarships for football and baseball. After college, he played major league baseball for seven seasons and in Japan for one season. After retiring in 1992, he coached baseball at Westminster College in Fulton, Mo., and was minor league manager for the Chicago Cubs. Today he is involved in several civic and charitable endeavors, including the Multiple Sclerosis Society, the ALS Society, Big Brothers/Big Sisters, and the American Cancer Society.

■ **BETSEY BARNETTE BRUCE**, BJ '70, has nearly 28 years' experience as a television reporter and anchor. She covers government, politics and education, as well as spot news for KTVI, Fox 2 in St. Louis. In college, Bruce was the second woman to edit MU's student newspaper, *The Maneater*, and the first undergraduate woman to anchor a KOMU-TV newscast. She began her career as a trailblazer as well, becoming the only woman at a St. Louis television station in 1971. She has earned three St. Louis Emmys from the National Academy of Television Arts and Sciences and a national Clarion Award for investigative reporting in 1994.

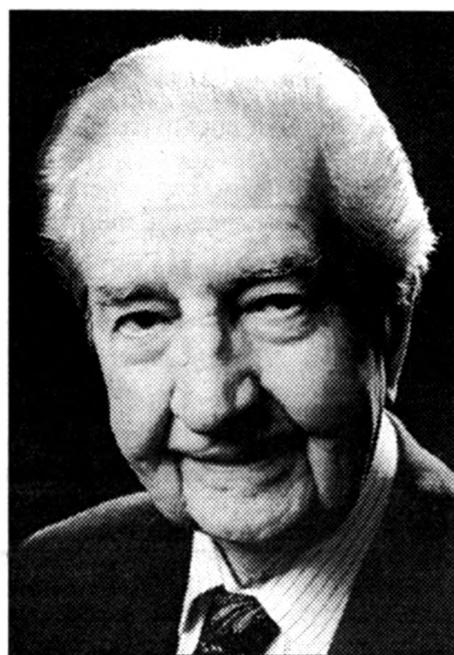
■ **TING-WONG CHENG**, MA '70, PhD '74, is the first individual with a PhD in accounting to serve as a university president in Taiwan, at National Chengchi University, and one of only a few in the world to do so. The principal architect of Taiwan's economic plan, Cheng currently serves as president of the Taiwan Accounting Association, executive director of the National University Association of the Republic of China, president of Phi Tau Phi honorary society and executive director of the Accounting Research and Development Foundation of the Republic of China.

■ **QUIESTER CRAIG**, PhD '71, is professor of accounting and dean of business and economics at North Carolina Agricultural and Technical State University in Greensboro, N.C. When he joined the university in 1972, few of the school's 22 faculty members had doctorates. He helped develop a current faculty of 65 professionals, including 61 with doctorates. In 1979, the university's undergraduate business programs received national accreditation and, in 1986, the accounting program became the first at a historically black college to receive accreditation by the American Assembly of Collegiate Schools of Business. Craig serves on the B&PA Strategic Development Board and is a member of the MU Alumni Association.

■ **SANDRA DAVIDSON**, AB '68, MA '73, JD '82, serves as associate professor of journalism, an adjunct associate professor of law and the attorney for the *Columbia Missourian*. Her honors include a William T. Kemper Fellowship for Excellence in Teaching and a Provost's Outstanding Junior Faculty Teaching Award.

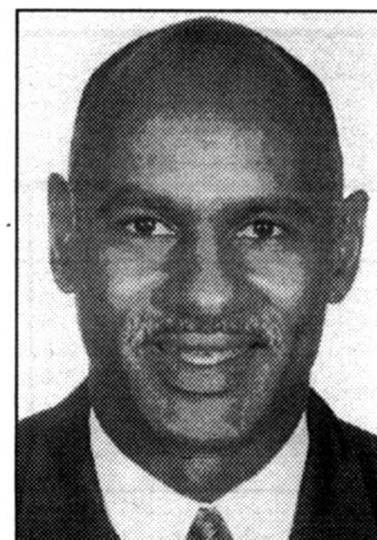


JOSEPH BIEN

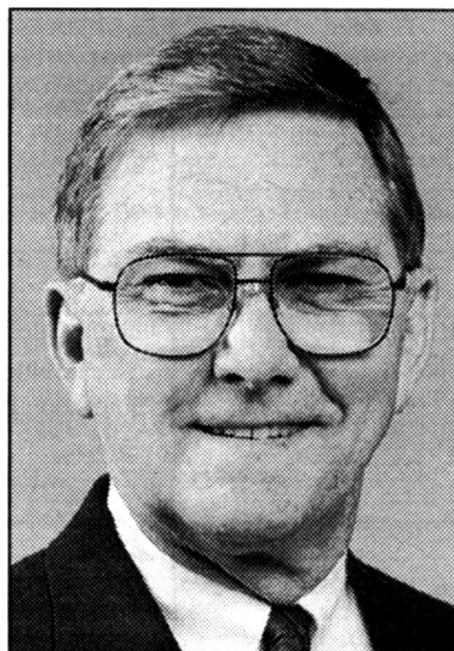


LEE HILLS

Distinguished Service Award



PHILIP BRADLEY

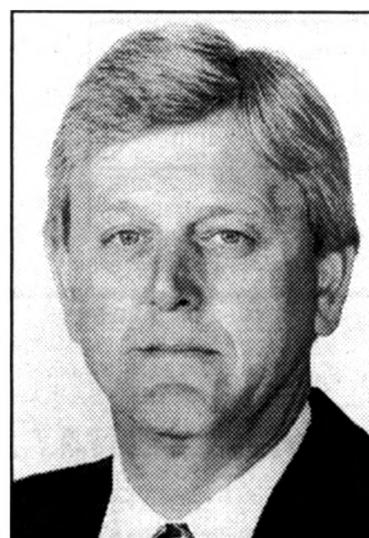


TOM FREEMAN

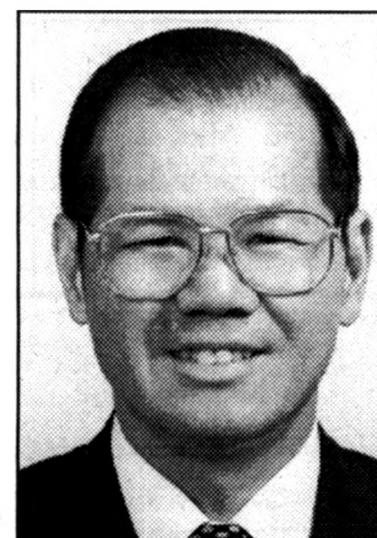
Distinguished Faculty Award



BETSEY BARNETTE BRUCE



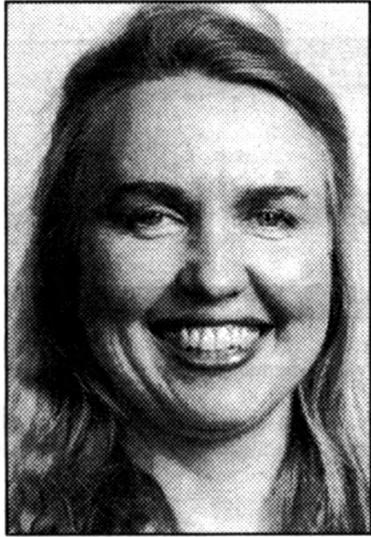
DOUGLAS ALBRECHT



TING-WONG CHENG



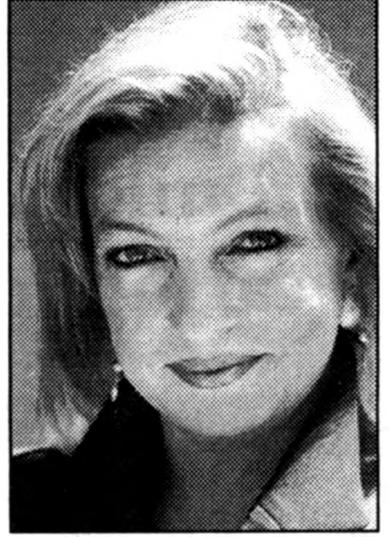
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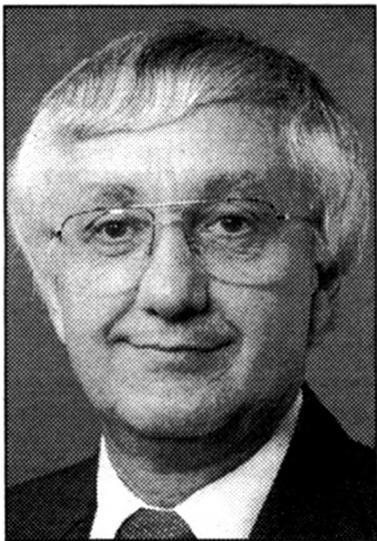
SANDRA DAVIDSON



SUSAN FLADER



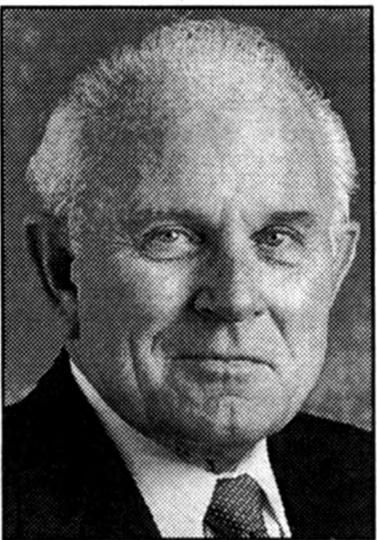
WENDY GRAY



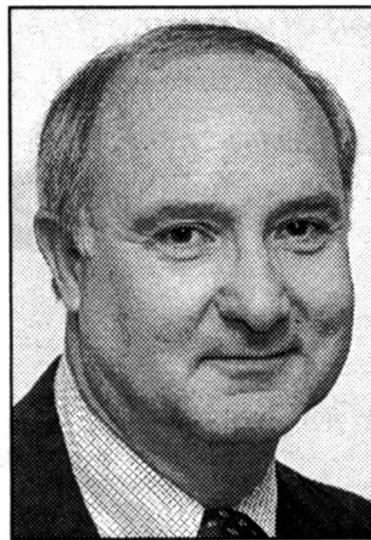
DALE KLEIN



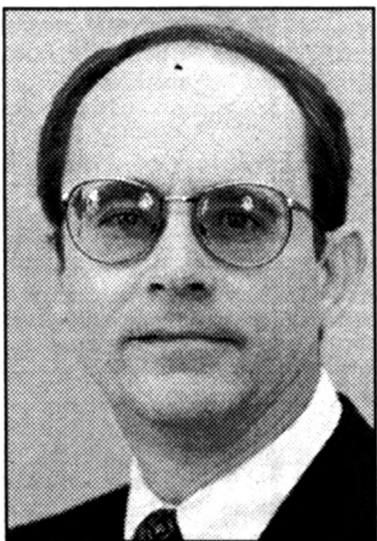
AMY McCOMBS



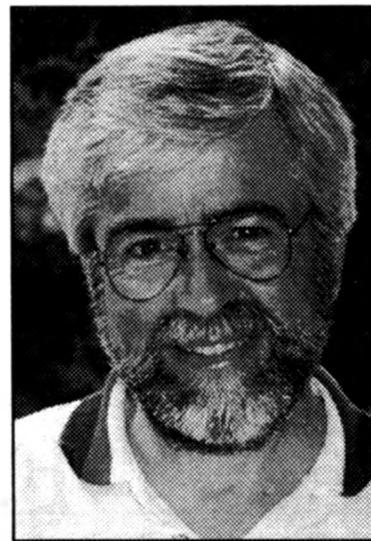
RAYMOND O'BRIEN



M. GILBERT PORTER



STEVEN STOCKHAM



WILLIAM TROGDON

■ Professor of history **SUSAN FLADER** focused scholarly research on the work done by various Missouri agencies concerned with the environment. A founder of the field of environmental history, she founded and served as president of both the Missouri Parks Association and the American Society for Environmental History. Flader won the Thomas Jefferson Award from the University of Missouri System and the John Aston Warder Medal from the American Forestry Association.

■ **WENDY GRAY**, BS HE '78, of Wildwood, Mo., is founder and president of Gray Design Group Inc. During 1997, the firm had more than 6 million square feet of commercial office and industrial space under design and construction. Gray designed the 1,000-seat WestPort Playhouse in St. Louis as her first project after graduation. Her achievements have been recognized with a Top Honor Award for Design Excellence in a statewide competition for law office design, and a national Top 100 Design Firm designation from Facilities Design and Management.

■ **DALE KLEIN**, BS ME '70, MS '71, PhD '77, joined the mechanical engineering faculty at the University of Texas-Austin in 1977. Since then, the former design engineer for Procter and Gamble has obtained more than \$42 million in research funding, equipment and educational program support.

■ **AMY McCOMBS**, BJ '68, AB '69, MA '72, is president and chief executive officer of Chronicle Broadcasting Co., and president and general manager of KRON-TV in San Francisco. Under her leadership KRON moved from third to first place in its market, earning numerous awards. She was the first woman to serve on the NBC affiliate board of directors. To encourage future journalists, she endowed a scholarship in her mother's name for broadcast majors at MU.

■ Excellence in customer service is a hallmark of **RAYMOND O'BRIEN**, chair emeritus of CNF Transportation Inc. The company's most exceptional employees receive an award named in honor of O'Brien of Los Altos Hills, Calif., who retired as chair and chief executive officer in 1995. His leadership is shaped by professional and personal ethics, innovative solutions and a commitment to encouraging others. On five occasions, he was named Outstanding Chief Executive in the motor carrier industry by *Financial World Magazine*.

■ **M. GILBERT PORTER**, professor of English and director of MU's General Education Program, wrote the winning

entry for MU's 1997 Theodore M. Hesburgh Award for Outstanding Undergraduate Education. MU is the only Big 12 university to receive this prestigious honor. In addition to his influential role in administration, Porter has taught 35 different courses at MU since 1971, winning the AMOCO Foundation Award for Distinguished Undergraduate Teaching in 1977.

■ **STEVEN STOCKHAM**, associate professor of veterinary pathobiology, teaches students and practitioners to be skillful problem-solvers and diagnosticians. As one example, Stockham aggressively sought funding to purchase high-quality microscopic camera equipment required for advanced instruction of clinical pathology. His effort resulted in an outstanding hands-on hematology/cytology workshop. Stockham's effectiveness is reflected by 20 teaching awards, including a William T. Kemper Fellowship for Excellence in Teaching.

■ **WILLIAM TROGDON**, AB '61, MA '62, PhD '73, BJ '78, of Columbia whose pen name is William Least Heat-Moon, has written two of America's favorite books: *Blue Highways* and *PrairieErth*, both included on *The New York Times* best seller list. Trogdon has written for *The Atlantic*, *Time*, *Esquire*, *The New York Times Book Review*, *National Geographic Traveler* and other magazines. He currently is writing a book about his four-month river voyage across America. Reflecting his dedication to nature and conservation, Trogdon is active in Scenic Missouri, Rails-to-Trails Conservancy and The Nature Conservancy.

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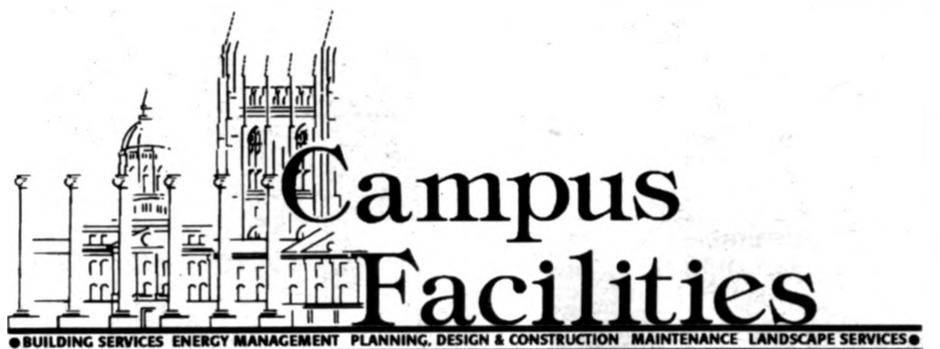


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Monday, September 21

JOURNALISM SEMINAR: Lori Dorfman from the Berkeley Media Studies Center and Jane Stevens, a reporter for the Discovery Channel, present "Rethinking Violence and Crime Reporting" at a brown-bag seminar at noon in Tucker Forum in Gannett Hall.

STATISTICS LECTURE: Tony Sun, assistant professor of statistics, will present "Some Statistical Issues in the Analysis of Interval-Censored AIDS Data" at 3:30 p.m. in 204 General Classroom Building.

SOIL & WATER SEMINAR: Peter Davis, professor of law, will present "Law of Agricultural Water Pollution" at 4 p.m. in the Conservation Auditorium in Anheuser-Busch Natural Resources Building.

ECONOMICS SEMINAR: Guofu Zhou from Washington University will present "Cross-Sectional Tests of Asset Pricing Models: An Analytic Maximum Likelihood Approach" at 4:20 p.m. in 129 Professional Building.

Tuesday, September 22

BIOLOGICAL SCIENCES SEMINAR: Ray Semlitsch, associate professor of biological sciences, will present "What Can Larval Amphibians Teach Us About Evolutionary and Ecological Processes?" at 3:30 p.m. in 18 Tucker Hall.

WOMEN'S CENTER LECTURE: Peer rape educators will present "Stronger Together: Uniting Against Sexual Violence" at 4 p.m. in the Women's Center in 229 Brady.

INFERTILITY LECTURE: Gary Horowitz, associate professor of obstetrics and gynecology, will discuss the latest treatment options for patients experiencing infertility in "What's Possible... and What's Not" from 7-9 p.m. in the Mainstreet Conference Room in the lobby of University Hospital and Clinics. Space is limited; to make reservations, call 882-7199.

Wednesday, September 23

MIDDAY GALLERY EVENT: Marlene Perchinske, director of the Museum of Art and Archeology, will present "Museums for a New Millennium" at 12:15 p.m. at the museum in Pickard Hall.

WOMEN'S CENTER LECTURE: Psychologist Raean Nichols presents "Women and Self-Esteem" from 7-9 p.m. at the Women's Center in 229 Brady. To register, call 882-6621.

Thursday, September 24

INTERNATIONAL AFFAIRS SEMINAR: Sandra Hodge, research assistant professor of natural resources, presents "The Amazon and Beyond: The Social Causes of Deforestation in Brazil" at noon in S204 Memorial Union.

NUTRITIONAL SCIENCES SEMINAR: Dale Blevins, professor of agronomy, will present "Boron in Plant Structure and Function" at 4 p.m. in 209 Gwynn.

Meetings

Tuesday, September 22

GRADUATE FACULTY SENATE: The group will meet from 3:30-5:30 p.m. in S203 Memorial Union.

Wednesday, September 23

MU WOMEN'S NETWORK: Molly Strode, associate curator of the Museum of Anthropology, will lead a tour of the museum and discuss "Women and Art in Native American Societies" at noon in Swallow Hall. With questions, call Barb Fenske at 882-1444 or Dale Karr at 771-9076.

Thursday, September 24

STAFF ADVISORY COUNCIL: Group meets at 1:15 p.m. in S206 Memorial Union.

Special Events

Thursday, September 17

RECRUITING GRADUATE STUDENTS:

Thomas Jackson, president and senior consultant for the Graduate and Professional School Enrollment Management Corporation, presents a one-day session titled "How to Recruit Graduate Students" from 8:30 a.m.-4:30 p.m. today, and again tomorrow at the multipurpose room in the College of Veterinary Medicine. Open to faculty, staff and administrators who are involved with graduate recruitment. With questions, or to register, contact Antonio Tillis at the Graduate School at 884-8006

FACULTY BOOK SIGNING: MU faculty David O'Brien, Larry Dershem and Charles Timberlake, and visiting scholar Valeri Patsiokovski will sign their thier new book *Services & Quality of Life in Rural Villages in the Former Soviet Union* today from 5-6 p.m. in University Bookstore in Brady Commons.

Thursday, September 24

MUSEUM FLASHLIGHT TOUR: The Museum of Art and Archaeology presents "If I Were A Shoe, Where Would I Be?", a flashlight tour for families with children between the ages of 8-12 from 6:30-7:30 p.m. at the museum.

Friday, September 25

INTERNATIONAL BAZAAR: International Student Organizations will display arts, crafts and food samplings from their country from 10 a.m.-3 p.m. on Lowry Mall. With questions, call Heather Carner at 884-6481.

Schwartz

From Page 1

been with Georgetown University since 1981. Prior to that, Schwartz was a professor of English and associate dean at the University of Wisconsin in Madison and, earlier, an instructor at the U.S. Military Academy.

At Georgetown University, Schwartz helped increase the number of main campus faculty by 45 percent; quadrupled graduate school applications; helped develop more than 35 joint degree programs as well as a program and institute that doubled main campus sponsored program income.

Mizzou, Schwartz says, is ready for growth as well. Where does he see that growth occurring? "The decisions, to a great extent, are often dictated by the past. You build upon your strengths," he says. "It's very clear one of the major growth areas will be the life sciences. The life sciences are a hallmark of the University. Biological sciences are the largest major in the College of Arts and Science, so that's clearly an area where we'll be strong."

He also points to the additional resources in recent years that have been devoted to enhance a number of programs

in the college, including chemistry, history, English and mathematics. Schwartz also praises MU's commitment to its writing program and its writing intensive course requirements.

"The University has really done some wonderful things in undergraduate education that other universities have not done," Schwartz says. "We have a coherent and tough undergraduate curriculum; we have high standards. Our students graduate with an authentic and serious education, and this is not easy to do."

And, he says, MU has maintained its high standards at a time when other institutions around the country have allowed their curricula to deteriorate. "There are no great universities without great programs in arts and sciences," he says. "You cannot have a great university without great strength in the core disciplines."

I think the University is poised now. There is a great trust in the leadership of the University. I think the faculty are prepared for growth, prepared for development. The fundraising apparatus is in place. I think it's simply ready to happen — it's time. It will be a lot of work, but I think it will also be a great deal of fun."

Ellis Fischel Cancer Center presents

Laughing matters

Join Scott Burton for a free evening of comedy, juggling and stories of how he triumphed over cancer.

7 p.m. to 8:30 p.m.

Tuesday, Sept. 29

Missouri Theatre, 203 S. Ninth St.

Burton was only 30 when he was diagnosed with osteosarcoma. He writes about his experiences as a cancer patient and an entertainer in his new book, *A Life in the Balance*. His associations include Jay Leno, Jerry Seinfeld and prime-time television.

Refreshments and a book signing will follow Burton's presentation, which is free and open to the public. Free parking is available in the parking garage located on the corner of Cherry Street and Tenth Street or Cherry Street and Sixth Street. **Please call 882-6565 for more information.**

Before the show

Survivor Net reception

6 p.m. - 7 p.m.

Tuesday, Sept. 29

Missouri Theatre lobby

Cancer survivors and those interested in joining a cancer resource group are invited to meet Scott Burton.



Boone County Ladies Auxiliary V.F.W. Post 280

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MIZZOU PEOPLE

Appointments & Promotions

Jeffrey Anglen, assistant professor of orthopedic surgery, was elected president-elect of the Missouri State Orthopaedic Association at the annual convention in June at Lake Ozark, Mo.

Cathleen Burns, adjunct assistant professor of management, has been named assistant dean of business and public administration. Burns will coordinate the undergraduate business program and advise students.

Charles Cowger, professor and director of social work, was installed as president of the Inter-University Consortium for International Social Development at the organization's symposium in Cairo, Egypt.

Interim Provost **Brady Deaton** has received the title of honorary professor from Kutaisi State University in the former soviet republic of Georgia.

Robert Jerry, who previously served as Herbert Herff Chair of Excellence in Law at the University of Memphis School of Law, has joined the MU faculty as the first Floyd Gibson Professor of Law. The professorship honors Gibson, an MU law alumnus and senior judge for the Eighth U.S. Circuit Court of Appeals in Kansas City.

Barbara "Bobbi" McAdoo joined the MU faculty in July as professor of law and director of advanced studies for the law school's Center for the Study of Dispute Resolution. She previously was professor of law at Hamline University in St. Paul, Minn.

Lizette Peterson-Homer, professor of psychology, has been named the first Byler Distinguished Professor in the Social Sciences. The professorship is funded by an endowment established by William and Thelma Byler to honor MU faculty for outstanding teaching and research.

Michael Wright, assistant professor of information science and learning technology, was appointed field editor of a new journal, *Technology and Children*, published by the International Technology Education Association. In April, Wright gave four presentations at the association's conference in Fort Worth, Texas.

Awards & Honors

Two publications by the Center for Independent Study received awards at the University Continuing Education Association's annual conference in Chicago in April. A high-school course, *Creative Writing*, revised by **Karen Koebel**, extension instructor, and edited by **Kathy Galloway**, instructional editor, received the meritorious course award. The center's course bulletin received the Distinguished Catalog Award.

Ellis Ingram, associate professor of pathology and anatomical sciences, was honored by the St. Louis Board of Education in May for his work in exposing St. Louis city and county high-school students to careers in medicine.

Sudarshan Loyalka, professor of nuclear engineering, received the Glenn Murphy Award from the nuclear engineering division of the American Society of Engineering Education for his outstanding contributions to the profession and teaching of nuclear engineering.

Roger Mitchell, dean of agriculture, food and natural resources, received a Secretary's Honor Award in June from the U.S. Department of Agriculture for outstanding contributions to agriculture.

Karl Nolph, professor of nephrology, has been named a recipient of the A.N. Richards Distinguished Achievement Award in Nephrology from the University of Pennsylvania Medical Center.

MU's student yearbook, the Savitar, received an Award of Excellence from the Taylor Publishing Co. for the design and coverage

of the 1996 edition. **David Roloff**, coordinator of advertising and promotions with University Stores, was the adviser for the 1996 Savitar.

Vernon Stone, professor emeritus of journalism, was named Distinguished Broadcast Journalism Educator for 1998 by the Association for Education in Journalism and Mass Communication in August at the association's annual convention in Baltimore, Md.

Grants

Frederick Bode, associate professor of clinical medicine, received a \$7,500 grant from Glaxo Wellcome Pharmaceuticals to assist his lung health project which focuses on smoking cessation, asthma and pulmonary disease education and management, and lung cancer early diagnosis and treatment.

National & International Presentations

William Berry, professor and chair of art, had his work accepted in four national juried exhibitions: the 1998 Wayne (Pa.) Art Center National Spring Open Exhibition; the 70th Annual National Juried Exhibition 1998 in Harrisburg, Pa.; the San Bernardino (Calif.) Art Association Inland Exhibition; and the Akron (Ohio) Society of Artists 8th Annual National Juried Competition in Akron Ohio.

Anne Flitsos, visiting assistant professor of theater, gave two presentations, "Assessing Student Directors," and "Romeo Is From Mars, Juliet Is From Venus?" in August at the annual conference of the Association for Theatre in Higher Education in San Antonio, Texas.

Diane Johnson, librarian III with the Health Sciences Library, presented a paper, "Some Benchmark Searches for Testing Search Capabilities and Medical Coverage of Internet Discovery Tools," at the German Society of Medical Informatics, Biometry and Epidemiology Internet working group's workshop in Bonn, Germany in March.

Kai-Fong Lee, professor and chair of electrical engineering, presented a paper "A Design Theory on Broadband Patch Antennas With Slot" at the Antennas and Propagation Society international symposium in Atlanta in June. He also organized a session on "Conformal and Smart Microstrip Antennas" at a Progress in Electromagnetics research symposium in July in Nantes, France.

Faculty from the College of Engineering's Center for Environmental Technology presented two workshops in April at the University of Para in Brazil. **Lee Peyton**, associate professor of civil engineering; **Shankha Banerji**, professor of civil engineering; and **Aderbal Correa**, research associate professor of civil engineering, presented "Solid Waste and Water Quality Management." Correa and **Tim Haithcoat**, instructor in geography, presented "GIS Applied to Urban Management."

Shivendra Shukla, professor of pharmacology, chaired a symposium on "Ethanol and Protein Kinases" at the International Society for Biomedical Research on Alcoholism congress in Copenhagen, Denmark in June, where he gave a presentation on "MAP Kinase Influenced by Ethanol: Differential Sensitivity to Agonists."

Publications

Bruce Jones, associate professor of educational leadership and policy analysis, is the editor of *Leadership: Policy Dimensions in the 21st Century*, the first volume in a new policy series by Ablex Publishing Corp. **Paula Short**, professor and chair of educational leadership and policy analysis, is a contributor to that volume.

Clair Kucera, professor emeritus of biological sciences, is the author of *The Grasses of Missouri, Revised Edition*, published by the University of Missouri Press.

More From Your Employee Assistance Program Special Workshop

Eldercare: Options and Resources - A resource panel will discuss day to day care, legal and general health concerns, and self-care for caregivers.

When: 5:30-7:30 p.m., September 21, 1998

Where: Parker Hall

- * Free and open to faculty and staff.
- * Group size is limited.
- * Call 882-6701 to register or for more information.

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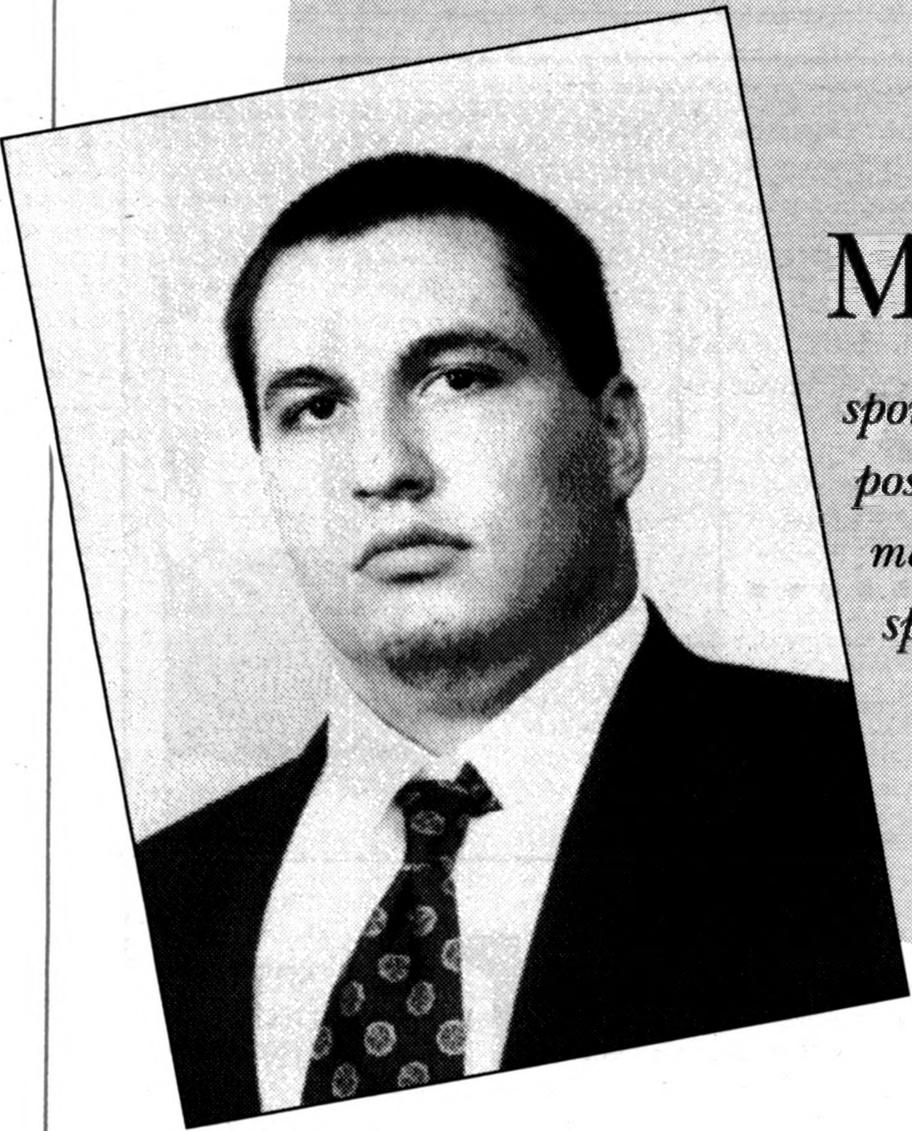
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Mike Hayes

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position Offensive Line

major History

special honors Scout team player of the week
(MU vs. Kansas, 1997)

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Remember, your credit union ALWAYS has LOW rates on loans!

Borrow up to 90% of your home's value

LOW rates, based on Prime Rate (quoted daily) **no teaser rates!**

Recording fees are the only closing costs (With approved credit, some restrictions apply)

Simple interest loan

NO Prepayment penalty



FREE CHECKS!
Write yourself a loan, when you need \$\$\$



Pictured is Melanie and Louis. For more information, contact Melanie or Louis at Mizzou Credit Union's Real Estate Loan Department 874-1477 or (800) 451-1477



Establish a Home Equity Line of Credit at Mizzou Credit Union. You can write your own loan! Just write a check as you need the funds. Interest is calculated only on the amount you use. **Interest may be tax deductible!** (check with your tax consultant)



MIZZOU CREDIT UNION®

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(800) 451-1477
FAX: (573) 874-1300
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