

# MIZZOU

W E E K L Y

University of Missouri - Columbia / July 10, 1991

## Getting a good start

*Stumped by your computer system? These classes may have the answer.*

If you don't know an icon from an inkblot, or if spreadsheets have you scratching your head, Human Resource Development wants to help you get started with personal computers.

Over the summer intersession in August, the department is offering a series of beginning computer classes to introduce MU staff to some of the most widely used software programs on campus.

In the past 10 years, personal computers have quietly found their way into just about every office at MU. But for some staff members, computer training can be hard to find and even harder to schedule. "We recognize that this is one of the major needs on campus — to get some training for these individuals," says LeAnn Stewart, training and devel-

opment coordinator with Human Resource Development.

That need was underlined by a user survey distributed this spring to nearly 850 staff members on campus. "The main emphasis we saw were computer skills and career information," Stewart says of the survey results.

Because of tight funding, Human Resource Development is depending on donated computer access. The School of Journalism has stepped in and offered the use of its computer lab, and Stewart says other departments also can help by donating computer time for future training classes. "We would like to give a big thank-you to the School of Journalism and ask other departments for the ability to use their resources to meet training needs," she says.

Although the need for advanced computer training is recognized, Stewart says that for now, the courses will be on the introductory level.

All classes will be in 202 Neff Hall, and are open to any staff member with basic typing skills. To register, call Leo Agnew at 882-4859. Each class will be limited to 12 participants, but Stewart says her office will keep a waiting list of applicants.

The times and places for the basic computer classes are:  
**Lotus** — 8:30 a.m. to 3:30 p.m., Aug. 7. Introduction to spreadsheets and other office management functions for IBM computers.

**Introduction to DOS and Personal Computers** — 1 to 3:30 p.m., Aug. 12. Covers how to format a disk, file names and management, how to copy, make and erase subdirectories. Troubleshooting and how to move and care for the computer.

**WordPerfect A** — 8:30 a.m. to noon, Aug. 14. Covers

## University budgets facing cutbacks

Higher education didn't take as hard a hit as most state agencies when Gov. John Ashcroft announced a \$200 million package of budget vetoes and withholdings on June 27. But the University System budget faces a 5 percent withholding and a 1 percent veto that will translate into approximately \$9.5 million less in state appropriations for the fiscal year which began July 1.

The budgets of most state agencies will have to be cut about 12 percent to accommodate the changes.

At MU, budget planners are bracing for a leaner bottom line. Last week, Chancellor Haskell Monroe directed top administrators to pare 2.2 percent from their base budgets. And Provost Gerald Brouder will outline how the withholding will affect budgets of schools and colleges on campus. The Board of Curators will be advised of the adjustments required to meet the financial shortfall.

"We are proceeding to build a budget based on numbers supplied by the UM System," says Dick Otto, academic budget and resource officer in the Office of the Provost. "Preliminary numbers would indicate that MU will have about \$4.8 million less in state appropriations available in the 1991-1992 fiscal year than were available in the last fiscal year."

In the fiscal year just ended, Mizzou received \$135.9 million in state appropriations. With the recently announced budget vetoes and withholdings, MU will have a budget for this fiscal year that includes \$131 million in state money.

how to save, edit, retrieve, print, bold, underline and center.

**WordPerfect B** — 8:30 a.m. to noon, Aug. 16. Covers how to format documents, move, copy, block and tabs, spellcheck and thesaurus.

**WordPerfect C** — 1 to 3:30 p.m., Aug. 16. Covers the basics of graphics, columns and merges.

## Reaching out to adult students

*New series of weekend, evening courses designed to appeal to MU faculty and staff.*

For Michael O'Brien, MU professor of anthropology, deciding to teach a course for University Extension's adult education program was simple. "I think a land-grant university such as MU, or any institution of higher learning for that matter, has an outreach mission," he says.

It means even more when Mizzou faculty and staff could benefit from the courses, he adds.

O'Brien, who also is an associate dean of arts and science, will teach a course on the archaeology

and prehistory of Missouri as one in a new series of courses beginning this fall. The departments of art, art history, English, music, philosophy and theater, as well as anthropology, are offering the courses through Extension Teaching, and credit towards a degree is available. Also, the School of Health Related Professions will offer two courses in sign language this winter.

In order to meet the needs of most faculty and staff, as well as adult workers in general, the courses will be taught in the evenings and on weekends. "This makes it easier for adults to continue their education," says Linda Cupp, program development specialist in Extension Teaching. "It represents our continuing efforts to increase access to education for mid-Missouri adults." Adds O'Brien: "It also is a worthwhile thing for the teachers."

Cupp notes that many of the pro-

fessors participating in the program have won awards or otherwise made significant contributions to MU and the community. Teaching talents include Michael Budds, resident musicologist; Mort Sajadian, director of the Museum of Art and Archaeology; Bill Bondeson, medical ethicist; and Peter Markie, professor of philosophy.

Other program features include easy enrollment and financial aid availability. Also, the cost is the same as for regular University courses. Through Educational Assistance, full-time employees qualify for a 75 percent discount on tuition.

At this time, only the colleges of arts and science and health related professions are offering these new courses. "But we're urging other schools and colleges to participate in future semesters," Cupp says. For a brochure or more information, call 882-3598.

## From art to voice

Here is a list of the course offerings for this fall:

■ Anthropology 350 — Archaeology and the Prehistory of Missouri; taught by Michael O'Brien and Gregory L. Fox Sept. 14 and 15. One credit hour.

■ Art 301 — Know Your Camera: The Creative Possibilities Explained; taught by Ann Hoffman Sept. 20 through 22. One credit hour.

■ Art 301 — Photographing Children: The Dynamic Essentials of Portraits of Children; taught by Ann Hoffman Oct. 25 through 27. One credit hour.

■ Art 301 — First Current River Fall Photography Workshop; taught by Oliver Schuchard Oct. 4 through 6. One credit hour.

■ Art History and Archaeology 301 — Collection, Preservation and Conservation of Works on Paper; taught by Mort Sajadian Sept. 6 and 7, Oct. 25 and 26 and Nov. 22 and 23 for one to three credit hours.

■ English 161 — Business and Technical Writing; taught by Lee Edgar Tyler on Wednesdays from Aug. 28 through Dec. 18. Three credit hours.

■ Music 301 — Aspects of American Music on Video; taught by Michael Budds from Sept. 6

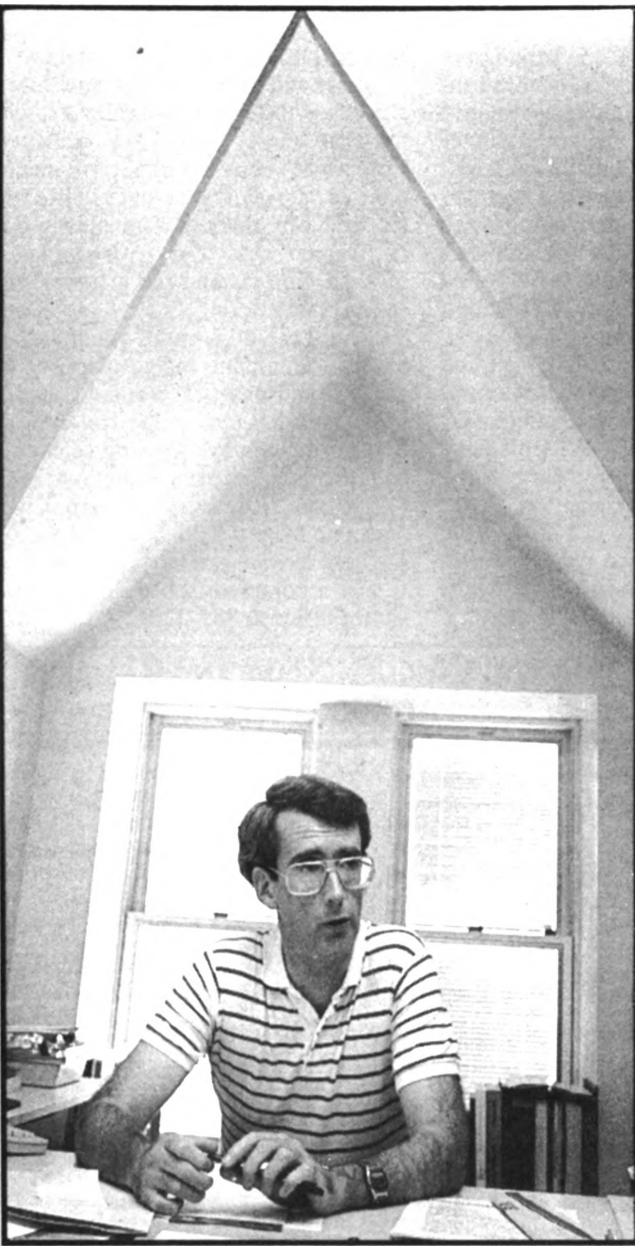
through 8. One hour credit.

■ Philosophy 301 — Contemporary Ethical Issues: Matters of Life and Death; taught by Peter J. Markie on Thursdays from Oct. 17 through Nov. 14. One credit hour.

■ Philosophy 331 — Medical Ethics; taught by William Bondeson in two sections Aug. 27 through Dec. 19. Three credit hours.

■ Theater 2 — Voice and Articulation; taught by Ray Newton on Mondays from Aug. 26 through Dec. 16. Three credit hours.

■ Theater 44 — Acting; taught by Ray Newton on Saturdays from Aug. 31 through Dec. 14. Three credit hours.



Rob Hill photo

Michael O'Brien, associate dean and professor, will teach an anthropology course for faculty and staff.

**RINGING IN THE NEW**

You used to know them as Stenographic Services, the folks who provided word processing and temporary office help for campus departments. But since July 1 their

new handle is SOS, short for Secretarial and Office Support Services.

To underline the name change, SOS is having an open house. Everyone is welcome at the celebration, which will be from 3 to 5:30 p.m. July 19 in 28 Heinkel Building. Refreshments will be available, and there will be giveaways and a drawing for special prizes.



**NEW CHARGES FOR FAX SERVICE**

The Office of Telecommunications is increasing its rates for fax service. The service is offered to faculty, staff and students for business and personal use.

Effective immediately, the local fax rate is 50 cents a page and domestic service is \$1. The charge for international service, including Canada, is the AT&T direct dial rate plus \$1.25 per page. Fax receipt also is available at 50 cents per page. Formerly, there was no charge for this service.

The change covers only the Telecommunications fax service. It does not affect usage of fax machines owned by University departments.



**ELDERHOSTEL APPROACHES**

Sept. 1 is the deadline to register for the fall session of Elderhostel, sponsored by MU and Stephens College.

The program will be Oct. 13 through 19 and will feature three study areas: "Architecture: From Post-and-Lintel to Post-Modern," "Romeo and Juliet: Shakespeare to MTV," and "Beethoven: Bridge to Individual Freedom." The program is for people 60 and over, and participants will stay in Hillcrest Hall on the Stephens campus. To register or with questions, call the Center for the Study of Aging at 882-6011.

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**Show-Me State Games expand to two weekends**

Remember when you were young and sports were played for fun? Remember in the summer when you'd play until it was too dark to see? All those good feelings can come back at the seventh annual Show-Me State Games, scheduled July 19 through 21 and 26 through 28 at various sites in and around Columbia.

This year the games, sponsored by MU and the city of Columbia, have grown to an expected 24,000 participants and nearly 1,000 volunteers. "We're really excited, because we feel with two weekends we can better accommodate all the participants and offer them a wider variety of sports," says Gary Filbert, executive director.

New sports for 1991 include karate, racquetball and team penning, a rodeo event. They were added because of their popularity in the state. "The state games offer something for everyone," adds Judy Cropp, assistant director. "They are open to all ages and abilities. We have participants ranging in age from 4 to 84." Many MU faculty and staff participate or serve as volunteers.

This year's event begins July 19 with a torch run and opening ceremonies. Gov. John Ashcroft will begin carrying the torch on its journey from Jefferson City to Columbia. The torch will arrive at the Shelter Insurance Cos. fountain at 1817 W. Broadway about 4 p.m., and Mayor Mary Anne McCollum will read a proclamation.

Opening ceremonies begin at 7 p.m. at the Hearnes Center, featuring a parade of athletes and a light and video show. The guest speaker will be Derrick Thomas, all-pro line-



backer for the Kansas City Chiefs.

There will be another torch run July 26, as a rider on horseback will carry a torch from the state games' rodeo site in Ashland to Columbia. The grand finale will include another parade of athletes and a light and video show. "The ceremonies are always a favorite," Filbert says. "They give people a flavor of the Olympics and the meaning of good sports competition."

You'll see all sorts of talent at the state games. Participants include former Olympians, past and present MU athletes, and hometown favorites and hopefuls from across Missouri. "I always see a lot of enthusiasm and friendships starting at the competitions," Cropp says. "It's always interesting to talk to someone from the other side of the state to see how they've prepared."

For a complete schedule, call the state games office at 882-2101.

**REACH 11,000 MIZZOU FACULTY, STAFF AND RETIREES WITH AN AD IN MIZZOU WEEKLY!**

**The Interior Design Service at Campus Facilities**



**Choices...**

That's Interior Designer Myra Hearst's specialty. You probably already know that Campus Facilities offers interior design services from start to finish. But did you know you also have the choice of hiring Myra by the hour? She can give you advice ranging from which colors to paint your walls to actual cost estimates and specs for furniture, carpet...whatever your needs. Then you can order those items directly from Procurement or she can do it for you. Myra, another of

**The Many Faces of Campus Facilities**



## New research targets tumors

Scientists at the MU Research Reactor have received two U.S. patents for their glass microspheres, tiny glass balls that deliver localized doses of radiation to tumors.

Microspheres allow doctors to better target doses of radiation. Embedded in the tiny ball, a radioisotope kills the tumor, but no radiation leaks into surrounding tissue because the ball is insoluble and too big to travel through capillaries.

The microspheres, developed by Gary Ehrhardt, senior research scientist at the reactor, and Delbert Day, of UM-Rolla, are

being tested in possible treatments for liver cancer and rheumatoid arthritis. "The use of microspheres is a promising way to deliver the radiation needed to treat these cases," Ehrhardt says.

The scientists now are developing similar microspheres to treat kidney tumors. MU researchers, working with the most powerful research reactor of any U.S. university, is attempting to produce new radioisotopes to treat cancer of the bone, ovary, lung and colon. Last fall, scientists completed a radiopharmaceutical that attacks bone tumors.

## Minority workshop enters 20th year

A special news report, "The Promise and Peril of East St. Louis," is being produced this summer by minority high school journalism students participating in the 20th annual AHANA Journalism Workshop at MU.

AHANA stands for African-American, Hispanic, Asian-American and Native American. This is the oldest continuing journalism workshop in the country for these minority groups.

Students are seeking out and reporting on news stories dealing with the economic, social and political climate of East St. Louis. The report will be published in the *Urban Pioneer*, a 16-page tabloid distributed with the *Columbia Missourian*. Stories by broadcast students will air on KBIA Radio and KOMU-TV.

The workshop, which continues through July 19, is designed to recruit and train minority high school students with an interest in print or broadcast journalism. Students are awarded scholarships that enable them to experience investigative reporting and receive free housing in a residence hall. They also learn about career preparation, university admission and financial aid, and have the chance to mingle with journalism veterans.

"It's a program that goes beyond the needs of the school," says Robert Knight, MU journalism professor and director of the project. He adds that of the 600 students who have participated in the program over the years, more than 150 have found jobs in journalism.

## CLASSIFIEDS

### FOR SALE

1981 COLEMAN pop-up camper. Sleeps five, in good condition. Table but no ice box or stove. 474-5549.

SATIN WEDDING GOWN. Size 12. Old-fashioned style, much beading and lace, long train with lace. Bought new March 1991. Original price \$925, asking \$450. 445-0135.

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COMPAQ LTE 286 notebook computer. 2.6 MB memory, 1.44 disk drive, 40 MB hard drive, A/C adaptor, manuals, carry case and Compaq warranty. \$2,500. Call Diana, (314) 442-5396.

### FOR RENT

FOR LEASE TO QUALIFIED TENANTS: Four bedrooms, two baths, study, double garage. \$800 a month. Hulen Lake area, 192 Martin Drive. Available Aug. 1. 442-0896.

The Classified Advertising Section is open only to faculty and staff members and retirees. A home phone number is required in all classified ads.

### Ads must be typed.

Rates: 30-word maximum \$3.

### Publication deadlines:

July 12 for July 23 issue

**Mizzou Weekly Classifieds:** Make your check payable to University of Missouri and send to: Mizzou Weekly, 1100 University Place, Attention: Michelle Burke.

## Q&A

**Q.** I hear that ticket prices are going up for Tiger football games this fall. Is that true?

**A.** For the third year in a row, individual ticket prices are going up by a dollar a game for home football games — this year, from \$16 to \$17 for a single reserved seat. The exceptions are the season opener with Illinois Sept. 14 and the Oklahoma game Nov. 9, which will cost \$20.

Faculty and staff, however, can benefit from discounts on a variety of ticket packages, including season tickets. An MU employee buying season tickets would pay a little under \$14 a game. Or you could purchase the family plan package, in which tickets for each game would cost just over \$10. For more information, call 882-2386.

Here's the home schedule for 1991: Illinois, Sept. 14; Indiana, Sept. 28; Memphis State, Oct. 5; Oklahoma State, Oct. 19 (homecoming); Iowa State, Nov. 2; and Oklahoma, Nov. 9.

Send your questions about campus matters to Mizzou Weekly, 1100 University Place. You must include your name and phone number so we can reach you, if necessary.

## MIZZOU WEEKLY

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A publication of the University of Missouri-Columbia faculty and staff, published every Tuesday during the academic year and twice a month during the summer by Publications and Alumni Communication, a department of Development, University and Alumni Relations Division, 1100 University Place, 882-7357. News deadline is noon Tuesday the week before publication. Annual subscriptions are available for \$20.

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Advertising coordinator: Michelle Burke

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## LABORATORY FOR FERTILITY AND CRYOBIOLOGY

The laboratory is seeking semen donors for its sperm bank program. The program is confidential and all donors will be compensated.

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M I Z Z O U  
**PEOPLE**

**Guy B. Adams**, associate professor of public administration, co-directed the fourth National Symposium on Public Administration Theory, held in March at George Washington University in Washington, D.C. The event, "Ways of Knowing: A Multiple Perspective Approach to Public Administration Theory and Research," drew 28 scholars from across the country. Adams also published an article, "Culture, Technical Rationality and Organizational Culture," in the December 1990 issue of *American Review of Public Administration*.

**Barbara Bank**, professor of sociology, presented a research paper, "Gender and Same-Sex Friendships in Australia and the United States," at the Network Conference on Personal Relationships in May.

**Kenneth Benson**, professor of sociology, organized a session, "Recent Developments in the Critical Sociology of Organizations," at the annual meeting of the Midwest Sociological Society in Des Moines, Iowa, in April. He also presented a paper on Swedish industrial policy.

**Sally Ann Blass**, secretary in agricultural economics, was selected as the June recipient of the College of Agriculture's staff recognition award.

**Tina Carmack**, a senior secretary in animal science, received the College of Agriculture Staff Recognition Award for July.

**Glenda Chandler**, senior secretary in construction management, is the Campus Facilities employee of the month for June.

**Ronald Farmer**, adjunct associate pro-

fessor of New Testament, is one of 15 scholars invited to join a national seminar on the Apocalypse of John. The event is sponsored by the Society for Biblical Literature, the major professional organization in the U.S. for scholarly research on the Bible.

**Darren Gabbert**, coordinator of the Adaptive Computing Technology Center, **Susan Phillips**, program specialist, and **Glenda Moum**, manager of user services for Campus Computing, presented "Meeting the Computing Needs of Persons with Disabilities" at the Computer Center Management Symposium in St. Louis in April.

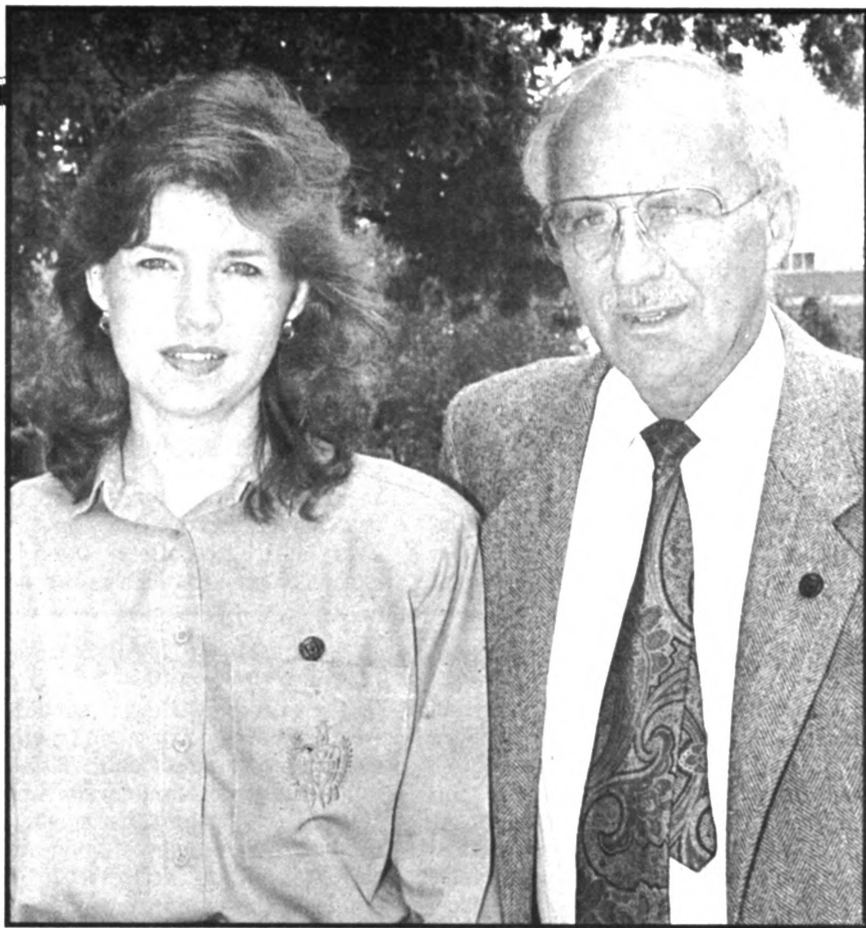
**Darlaine C. Gardetto**, instructor in sociology, attended a centennial celebration, "Sociology as a Vocation," at the University of Kansas in April. She also participated in a session on gender and the media at the annual meeting of the Midwest Sociological Society in Des Moines, Iowa, in April. She was elected 1992 program chairwoman for Midwest Sociologists for Women in Society.

**Mary Kempf**, a secretary in reference services at Ellis Library, was chosen Outstanding Library Staff Member for 1991.

F O R T H E  
**RECORD**

**POSITION AVAILABLE:** Research position available January 1992 studying molecular mechanisms of steroid hormone action.

Knowledge of molecular biology and biochemistry and MD or PhD in biological sciences required. For more information about job requirements or to apply, contact Allan Jones, Department of Physiology, MA415 Medical Sciences Bldg. The application deadline is Aug. 8.



Rob Hill photo

**Like father, like daughter**

Ed Kaiser, professor of chemistry and former director of the Honors College, was one of 10 faculty members who won prestigious Kemper fellowships this spring. But he wasn't the only member of his family to receive an award at MU. His daughter, Kim Brown, BS Ed '82, a chemistry and physics teacher at Trenton (Mo.) High School, received a Teacher Recognition Award from Chancellor Haskell Monroe. Top Mizzou students nominated their most influential high school teachers for the awards, and Brown is one of 313 so honored across the state. "My dad has been a great inspiration to me," Brown says. The results are evident; since Brown joined the Trenton faculty six years ago, class sizes in physics and chemistry have doubled, and she created a Chemistry II class, which has proven popular.

## When life's little emergencies hammer you...

Don't take any chances. Head for the Emergency Center at University Hospital. It's the only place to go when you need the most professional, well-trained and fully-staffed emergency center in Columbia. In fact, the Emergency Center at University Hospital is the only Level One Trauma Center in mid-Missouri.

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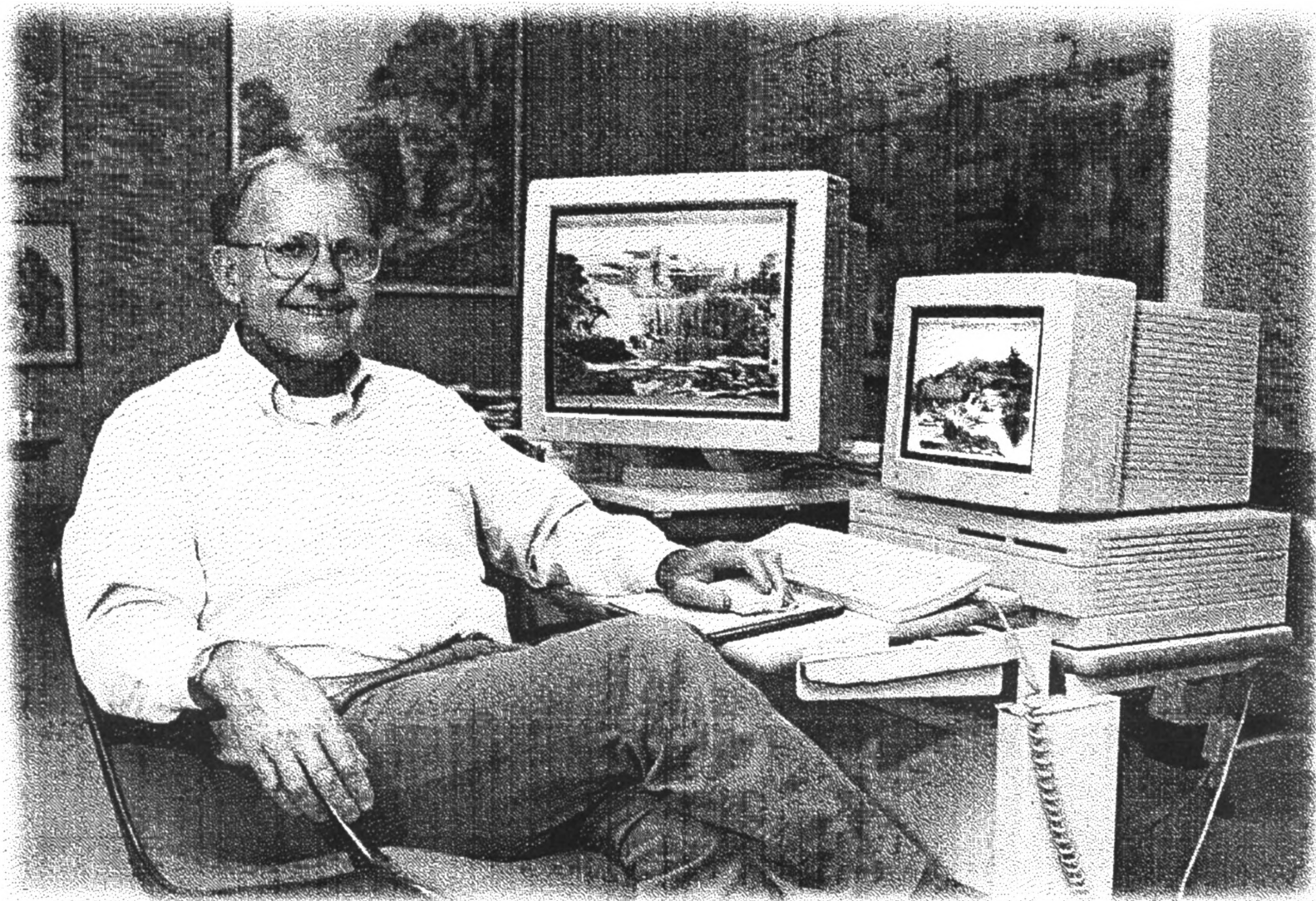
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“The Macintosh was designed just for landscape design the way I look at it.”

Leon C. Snyder  
Professor of  
Horticulture  
University of  
Missouri-  
Columbia



“I teach five classes in landscape design and in every course the students get some experience with the Macintosh.”

“In my introductory class which teaches the principles of design, students construct models and miniature environments. They use Swivel 3D to generate computer models of their projects for homework. Some of them have never sat behind a computer before and the first day they are pulling 3D object from the scrapbook and placing them in their world. They do some impressive stuff even on the first day. They take the 3D trees, rocks, and plants from the scrapbook on the Macintosh and arrange them around their models in three dimensions. By the end of the lab period they’re double clicking on the objects and editing them to create shapes I’ve never seen before.”

“We are a real small program and if I had to teach the students the basic skills of drafting and penmanship, I’d have to spend four years doing that. With the Macintosh the drafting and penmanship are taken care of.”

“There’s a bit of magic for the students the first couple of years because I have set things up for them. I’ve edited the textures in Canvas to represent landscape elements such as ground cover or grass. I’d rather have the students use the computer to do their work and learn along the way rather than starting from the beginning of the book; ‘Here’s how to use the line, the polygon, the filled polygon.’ I’d rather have them realize right away that a polygon can be a flower bed, and they can click on the information manager to get the square footage to figure how much bark mulch goes in that polygon. Then they can put it out for bid or load the truck up and haul it out to the site.”

“Another good thing about the Macintosh is that it acts a leveler for students.

We get students from a wide range of other programs. Some have a lot of graphic training, some have very little. It gives the same format for everybody to present their ideas about landscape design. It makes it much easier for me to grade projects.”

“Our students are sought after and some get jobs where their employers pick up the payments for their computers.”

“I feel that our environment, and the man-created environment has yet to come to their renaissance because the Macintosh will allow a lot of people who normally wouldn’t participate in shaping the environment to participate. They now have the means to draw, draft and sketch to easily communicate what their ideas are.”

“We also combine student’s models with computer art. We take video pictures of their projects and scan it into the Macintosh. We then critique them on the screen. Rather than tearing down their beautiful model to see if it would look better a different way, we simply move things around with the mouse—it’s editable. If they came in with two nights work of a beautiful rendering, I’d hate to take my black pencil and say ‘Now wouldn’t it be better with a tree over here.’ I just select it and move it on the monitor. If they don’t agree, I just don’t save it.”

“Landscape design is evolutionary and having the design on the computer allows the designer to sell the client on an initial concept and then follow up with an irrigation plan or maintenance schedule.”

“The Macintosh was designed just for landscape design the way I look at it. I had so many ideas, so much paper, so many slides, and I couldn’t pull them together. I just had piles of paper I couldn’t use. Now I have these images in scrapbooks in the Macintosh and I can pull out the form of a tree, bluffs, rocks and I can paste them together as I wish.”

**COMPUTER  
SPECTRUM**

T. A. Brady Commons, University of Missouri, (314) 882-2131



Why do people love Macintosh?  
Ask them.

# CALENDAR

Send calendar items in Campus Mail to Mizzou Weekly, 1100 University Place, by noon Tuesday the week before publication. Events are free and open to the public unless otherwise noted.

## 10 Wednesday

**MIDDAY GALLERY EVENTS:** Rebecca Stonesanders, a graduate student, will speak on "Museums in the Schools" at 12:15 p.m. in the gallery at the Museum of Art and Archaeology.

**UMKC EVENT:** "Can We Talk? Communication Between the Sexes" will be presented from 7-9 p.m. at the UM-Kansas City School of Law. Event also will be held July 20. Cost: \$10. Call (816) 235-1638.

**SCHOOL OF FINE ARTS:** The Department of Theater will present the Neil Simon comedy "Chapter Two" at 8 p.m. in Rhynsburger Theater. Cost: \$7, faculty/staff/retirees \$6, students/children \$5.

**MSA/GPC FILM:** "The Color Purple" will be shown at 8:30 p.m. in Ellis Aud.

## 11 Thursday

**CAMPUS COMPUTING COURSE:** Introduction to WordPerfect 5.1 will be offered. Call 882-2000.

**STAFF COUNCIL:** Group will meet at 1:15 p.m. in S204 Memorial Union.

**RECEPTION:** A reception to honor Donald Hoehle, retiring assistant dean in business and

public administration, will be from 3-4:30 p.m. in S304 Memorial Union.

**FACULTY COUNCIL:** Group will meet at 3:40 p.m. in S110 Memorial Union.

**SCHOOL OF FINE ARTS:** The Department of Theater will present the musical "Gypsy" at 8 p.m. in Rhynsburger Theater. Cost: \$8, faculty/staff/retirees \$7, students/children \$6.

## 12 Friday

**WORKSHOP:** "LS 410: Enhancing Whole Language through Children's Literature" will be presented today and July 13 in S204 Memorial Union. Cost: \$150. Call 882-9543.

**BIOCHEMISTRY PRESENTATION:** Graduate student Kevin Lustig will present "Signal Transduction Pathways Coupled to a Nucleotide Receptor in Vascular Endothelial Cells" at 2 p.m. in MA 217 Medical Sciences Bldg.

**SCHOOL OF FINE ARTS:** The Department of Theater will present the drama "The Miracle Worker" at 8 p.m. in Rhynsburger Theater. Cost: \$7, faculty/staff/retirees \$6, students/children \$5.

**MSA/GPC FILM:** "An American Tail" will be shown at 8:30 p.m. at University Village Apartments, south of Providence and Stewart roads.

**LAWS OBSERVATORY:** The observatory, atop the Physics Building, will be open from

9-11 p.m. for public viewing of the skies, weather permitting.

## 13 Saturday

**UMKC EVENT:** "Relationships: An Assertive Approach" will be presented from 9-11 a.m. at the South Branch Public Library, 75th and Grand in Kansas City. Event also will be held July 24. Cost: \$10. Call (816) 235-1638.

**SCHOOL OF FINE ARTS:** See July 12 entry.

**MSA/GPC FILM:** "An American Tail" will be shown at 8:30 p.m. at University Terrace Apartments, Hospital and Monk drives.

## 14 Sunday

**SCHOOL OF FINE ARTS:** See July 11 entry.

## 15 Monday

**CAMPUS COMPUTING COURSE:** Introduction to WordPerfect 5.1 will be offered. Call 882-2000.

## 16 Tuesday

**CAMPUS COMPUTING COURSE:** Introduction to Lotus 123 (a) will be offered. Call 882-2000.

**UNIVERSITY HOSPITAL:** A blood glucose screening will be from 1-6 p.m. at the Health Information Center in Columbia Mall. Eat a well-balanced meal two hours before the test.

**SCHOOL OF FINE ARTS:** See July 10 entry.

## 17 Wednesday

**CAMPUS COMPUTING COURSE:** Introduction to Lotus 123 (b) will be offered. Call 882-2000.

**MIDDAY GALLERY EVENTS:** Neva Wood, a graduate student, will speak on "Images of Women" at 12:15 p.m. in the gallery at the Museum of Art and Archaeology.

**UMKC EVENT:** "The Days of Your Life: An Owner's Manual" will be presented from 7-9 p.m. at the UM-Kansas City School of Law. Event also will be held July 27. Cost: \$10. Call (816) 235-1638.

**SCHOOL OF FINE ARTS:** See July 12 entry.

**MSA/GPC FILM:** "A Fish Called Wanda" will be shown at 8:30 p.m. in Ellis Aud.

## 18 Thursday

**CAMPUS COMPUTING COURSE:** Introduction to MicroSoft Excel will be offered. Call 882-2000.

**PHYSIOLOGY SEMINAR:** Donna Williams of Pennsylvania State University will present "Feed Arteries are Active Sites of Control in Rat Hindlimb Skeletal Muscle" at noon in M437 Medical Sciences Bldg.

**TELECOMMUNICATIONS:** Terry Robb, assistant manager of customer services for Telecommunications, will review features of MU's telephone system at 1:30 p.m. in 5 Telecommunications Bldg. Call 882-5800 to register.

**UNIVERSITY HOSPITAL:** "The Truth about Family History and Heart Disease" will be presented at 7 p.m. in the lobby of the same-day surgery unit.

**SCHOOL OF FINE ARTS:** See July 11 entry.

## 19 Friday

**SHOW-ME STATE GAMES:** The opening ceremonies for the Show-Me State Games will be at 7 p.m. at the Hearnes Center.

**SCHOOL OF FINE ARTS:** See July 12 entry.

**MSA/GPC FILM:** "Jaws" will be shown at 8:30 p.m. on Lowry Mall.

**LAWS OBSERVATORY:** The observatory, atop the Physics Building, will be open from 9-11 p.m. for public viewing of the skies, weather permitting.

## 20 Saturday

**FIELD DAY:** Home Gardener's Field Day will take place in New Franklin, Mo. Call 882-7695.

**SCHOOL OF FINE ARTS:** See July 10 entry.

## 21 Sunday

**SCHOOL OF FINE ARTS:** See July 12 entry.

## 22 Monday

**UNIVERSITY HOSPITAL:** Diane Mosher, a registered dietitian, will present "How Safe is Your Kitchen? Ensure Your Food Safety" at 11 a.m. at the Health Information Center in Columbia Mall.

## 23 Tuesday

**CAMPUS COMPUTING COURSE:** Advanced WordPerfect: Tables will be offered. Call 882-2000.

**FIELD DAY:** An agricultural field day will take place at Ross Jones Sustainable Agricultural Farm, Plesna, Mo. Call 882-7695.

**SCHOOL OF FINE ARTS:** See July 11 entry.

## To You, From MU.

### Evening and Weekend Courses

Are you interested in studying with Missouri's best scholars? Increasing your knowledge? Obtaining university credit? Learning in a setting designed for adults?

If you answered yes to any of these questions, these Fall Courses offered by the College of Arts and Science and Extension Teaching Are For You! As part of its outreach mission, MU offers these courses for credit or non-credit.



Your University Meeting Your Educational Needs

### ANTHROPOLOGY

**Archaeology and the Prehistory of Missouri.** Michael J. O'Brien and Gregory L. Fox; September 14-15; 1 credit. Visit an archaeological site in Saline County, Missouri and study the prehistoric period of Missouri's Native American inhabitants. Housing available.

### ART

**Know Your Camera: The Creative Possibilities Explained.** Ann Hoffman; September 20-22; 1 credit. Improve the composition of your photographs by understanding how your camera can be used in image management.

**Photographing Children: The Dynamic Essentials of Portraits of Children.** Ann Hoffman; October 25-27; 1 credit. Explore the joys of recording this diverse, everchanging subject and creating images that reflect the expressive nature of the child.

**1st Annual Current River Fall Photography Workshop.** Oliver Schuchard; October 4-6; 1 credit. Travel to the Missouri Ozarks and photograph some of the most beautiful wild country while learning about films, exposure, filters, and composition. Housing provided.

### ART HISTORY

**Collection, Preservation, and Conservation of Works on Paper.** Mort Sajadian; September 6-7, October 25-26, November 22-23; 1-3 credits. Explore the history of papermaking and the basic nature of paper, the history of printing and printing techniques, and the fundamentals of preservation, including framing and matting.

### ENGLISH

**Business and Technical Writing.** Lee Edgar Tyler; Wednesday evenings, August 28-December 18; 3 credits. Improve your technical writing skills for business communications, instruction manuals, grant applications, proposals, and research reports.

### MUSIC

**Aspects of American Music on Video.** Michael Budds;

September 6-8; 1 credit. Consider for the first time or refine your existing appreciation of 20th century American music. Several landmark works will be viewed as part of this brief survey.

**Beginning Piano.** Cheryl Nichols; September 9-Dec. 2; 1 credit. Subjects include music notation, how to read rhythms, melodies, chords, solos, and duets.

### PHILOSOPHY

**Contemporary Ethical Issues: Matters of Life and Death.** Peter J. Markie; 5 Thursday evenings, October 17-November 14; 1 credit. Through an examination of the basic ethical issues involved in the environment, capital punishment, and animal rights, develop your understanding of these and other important social policy issues.

**Medical Ethics.** William B. Bondeson; August-December; 3 credits. Probe basic issues in medical ethics including informed consent, informed refusal, living wills, death and dying, the treatment of defective newborns, abortion, genetic issues, privacy and confidentiality, and the allocation of scarce resources.

### THEATRE

**Acting.** Ray Newton; Saturday mornings, August 31-December 14; 3 credits. Develop your ability to act on stage through monologues and scenes as well as exercises for movement, vocal production, and subtext development.

**Voice and Articulation.** Ray Newton; Monday evenings, August 26-December 16; 3 credits. Improve your performance delivery through understanding the fundamentals of oral interpretation.

For information about these and other courses, contact:

**Extension Teaching  
103 Whitten Hall  
University of Missouri  
Columbia, Missouri 65211  
882-3598**



Friends and Co-workers of  
**Don Moreau**

Director of Campus Computing Facilities

You are invited to a  
reception on

**Friday, July 12, 1991**

**2:00-4:00 pm**

**Alumni Center**

Don has served the University of Missouri since October, 1957. Please come and help us wish him well in his retirement.

*Campus Computing*

# IBM & COMPUTER SPECTRUM



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- 8515 14" VGA Color Display
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- 80386SX (16 MHz) processor
- 80MB fixed disk drive
- 8515 14" VGA Color Display
- Micro Channel™ Architecture
- Microsoft Excel 3.0



\*This offer available only to qualified students, faculty and staff of the University of Missouri-Columbia. Bundles will be available beginning late July/ August unless otherwise specified. Availability and prices are subject to change without notice. Please confirm before ordering.



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