

MIZZOU

WEEKLY

University of Missouri-Columbia June 12, 1997

INSIDE THE WEEKLY

Page 2: New class helps students team technology skills with academic courses

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Ensuring access

MU appoints director of disability services.

Sarah Colby Weaver has been appointed director of disability services, a new position that will oversee the University's staff, services and programs for persons with disabilities. KC Morrison, vice provost for minority affairs and faculty development, announced the appointment last week. Weaver will join the MU staff July 1.

Weaver has held several positions at the University of Illinois at Urbana-Champaign since 1989, including director of services for students with disabilities and assistant professor in the College of Applied Life Studies.

"We are extremely pleased to have attracted a director

with such broad experience in the field of disability services," Morrison said. "Dr. Weaver will assist us in expanding our operations for the entire campus and will engage us with the community of scholars, advocates and government officials in this area."

The new position was created as part of MU's reorganization of its services for persons with disabilities. A task force appointed about two years ago recommended the reorganization to better serve the increased population of students with disabilities.

Weaver will work to enhance services for the University's students with physical disabilities, while also developing policies and services for students with learning disabilities. The Access Office and ADA coordinator will report to her, and she will report to Morrison.

"Dr. Weaver brings a wealth of training and talent in the area of learning disabilities," said Karen Touzeau, assistant vice chancellor for human resources and a member of the search committee. "She comes from one of the most comprehensive programs for persons with disabilities at the University of Illinois, and her experience will greatly benefit MU."

As director of services for students with disabilities at the University of Illinois, Weaver coordinated physical

therapy, medical support, transportation, housing, testing and other services for students with disabilities. She also worked to educate faculty, staff and administrators on these services and developed a campus-wide advisory council on disability issues.

From 1994 to 1996, Weaver served as co-investigator and project coordinator for Project PURSUIT, a program supported by a three-year National Science Foundation grant that worked to increase the number of students with physical, sensory and learning disabilities in the fields of science, engineering and mathematics. In this role, she organized and presented workshops to university departments, high schools, students with disabilities and their parents, and others.

She has made presentations to groups across the country on varying topics related to students with disabilities and has worked closely with graduate students studying accessibility issues on college campuses. In the 1980s, she worked as a counselor for various state departments, hospitals and clinics.

Weaver earned a doctoral degree in psychology from the Illinois Institute of Technology in Chicago, and a master's degree in rehabilitation counseling and a bachelor's degree in psychology from West Virginia University in Morgantown, W.Va.

A black-and-gold treat

Food science students create blue-ribbon munchies.

The students call them Mizzou Multi-Grain Munchies and they're designed to take the dull out of rice cakes. These crispy cakes — made with wild rice, wheat, yellow corn and sorghum to provide added flavor — are a new snack food developed by MU food science students.

They developed the cakes as a class project in the Food Product Development course, a capstone course for food science majors. "The idea is for the students to analyze current existing products and technologies and extend these toward novel food products," says Doug Holt, associate professor of food science, who teaches the class.

Students determined that the market does not have a multi-grain puffed cake. Puffed grain cake products now on the market are made only of rice and corn, their study revealed. The target market for Mizzou Munchies is females age 20 to 50 who are health conscious or dieting. Each cake contains 35 calories, no fat or sodium, less than one gram of sugar and 4 percent of the daily fiber requirement.

Marianne Swaney and her food science classmates came up with the idea for Mizzou Multi-Grain Munchies, a rice cake snack. Swaney, from Platte City, Mo., graduated this May.

"This combination of grains creates a desirable product with a distinct taste. Its savory flavor offers consumers an alternative to the sweet flavored cakes," said senior Marianne Swaney of Platte City, Mo. In fact, the MU students won a blue ribbon when they unveiled their new product last month to the St. Louis section of Food Institute Technologists.

The cakes were made on a special rice cake machine in MU's food laboratories. Students experimented to come up with the right combination of grains and moisture content. A few of the early prototypes were less than palatable, Holt says.

"Some of the grain combinations were certainly nasty," he says. For instance, one experimental cake used the trendier blue corn meal, rather than the garden-variety yellow meal. The problem was, blue corn cakes looked moldy. "The students said, 'Ugh, it looks like it has blue cheese in it,'" Holt recalls.

There were a few other false starts. The original intention was to develop a "signature" product for the MU campus, Holt says. Students decided to use wild rice because of the grain's black color as much as its nutty taste. They were hoping to get

a black-and-gold, "tiger stripe" effect. Unfortunately, the wild rice turned brown when it was cooked. Students also found that too much wild rice made the cakes taste bitter.

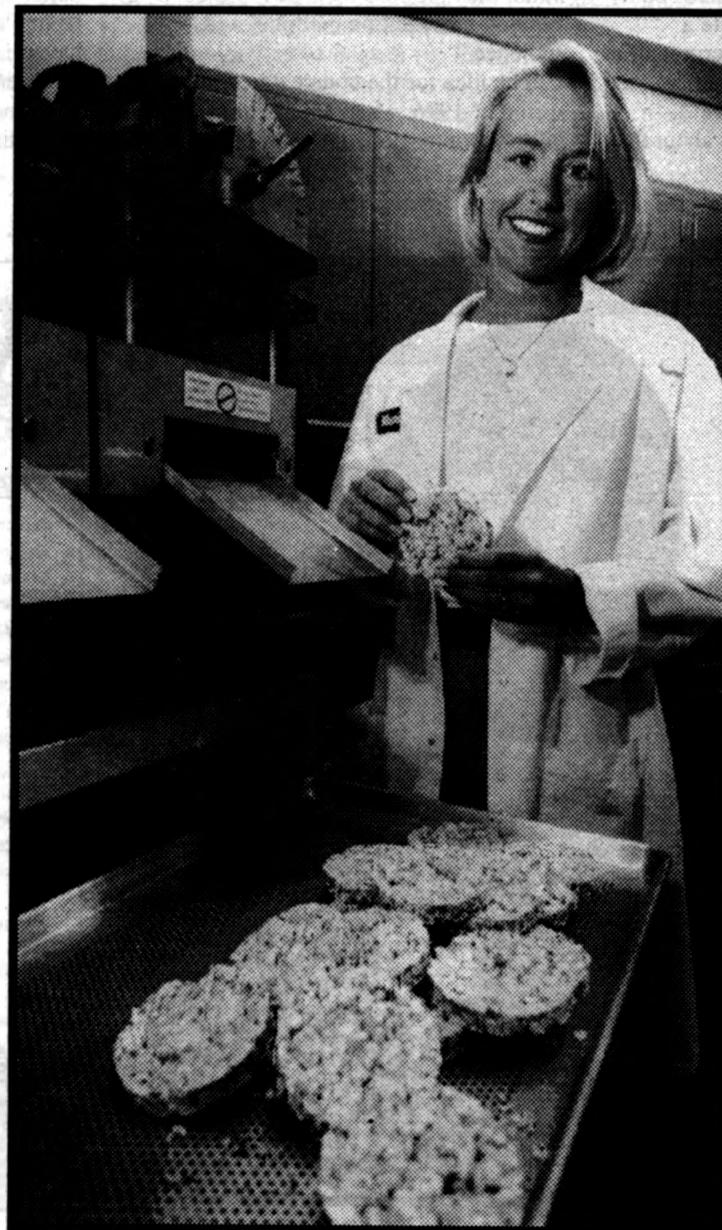
Then there was the matter of getting just the right moisture level in the finished product. "If you don't get the moisture content right, the cake won't stick together. You get crumbles in the bottom of the pan," Holt says.

There also was a learning curve when it came to using the rice cake machine. The machine, Holt says, is something like a high pressure waffle iron that cooks the grain mixture under high temperature and pressure. When the finished cake is unmolded, "it sounds like a shotgun," Holt says. "It literally explodes and a cake comes sliding off a ramp. For the first half-hour, we would jump every time the machine fired, and it fires about every five seconds."

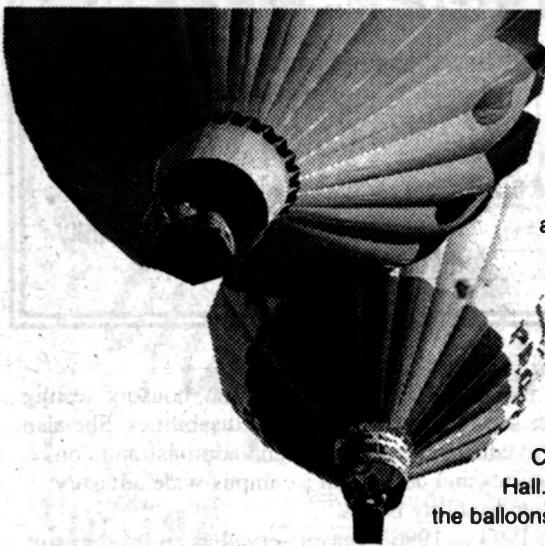
As part of the class project, a student taste panel sampled the Mizzou Munchies along with commercially produced products. To tell the truth, panelists didn't care much for the taste of Mizzou Munchies, although the product has a better texture than the styrofoam-stiff cakes currently on the market. One class member — a horse owner — found that horses love them, though.

Total cost for manufacturing each cake is about seven cents, not including packaging, and shelf life is estimated at six months. The rice cake is a formula and cannot receive a patent. Holt says there are no plans right now to market the cakes commercially.

But there's always next semester. In past classes, students have worked on such products as a high-fiber, no-sugar jam, and an extended shelf-life salad dressing for a Branson, Mo. restaurant operator. "All I do is coach," Holt says of the student-directed efforts in class. "There's no telling what they'll get into."



Jim Curley photo



RISE AND SHINE

Hot air balloons will light up the Mizzou skyline June 23 with the Balloon Glo at MU. Pilots will slowly inflate eight to 10 balloons that will be tethered on the South Quad between the Reynolds Alumni Center and Hulston Hall. As darkness falls, the balloons will fire their

burners to dramatically illuminate the South Quad.

Pilots will arrive at 7:30 p.m. and will begin inflating their balloons shortly after 8:30 p.m. The Balloon Glo will commence at 9 p.m. and the event will conclude by 9:30 p.m. In case of rain, the event will be rescheduled for June 26. The Balloon Glo is in celebration of the 1997 National Hot Air Balloon Championships to be held in Columbia August 8 to 16.

A GROWING MIRACLE

The 13th annual Children's Miracle Network Broadcast ended June 1 with a final total of \$383,254 raised in mid-Missouri. All the money raised goes to support services at MU's Children's Hospital. The total surpassed last year's total of \$380,893. During the program's 13-year history, nearly \$3.1 million has been raised to help support medical care for kids in mid-Missouri. Nationally, 160 hospitals participated in the broadcast, raising more than \$146 million for children's services.

Among other services this year, the funds will help provide

transportation and lodging for patients at Children's Hospital and their parents. The Miracle Network also helps support the hospital's Child Life Therapy Program in which counselors help young patients feel more at home and help ease fear and anxiety through educational and play programs. Funds from the Miracle Network also will provide a special monitoring unit to be used in transporting neonatal patients to Children's Hospital.

Composing in cyberspace

Folklore projects on the World Wide Web, digital video footage in a tornado safety presentation, and student teachers with customized tutorials for elementary school students. All of these projects were developed in the same class at Mizzou.

"The new course is being offered as part of MU's award-winning general education program. A grassroots interdisciplinary initiative focusing on the use of technology in the subject of the student's choice, the course, "Expressive Media: Composing with Technology," could serve as a model for the nation," said Andy White, coordinator of educational technology for the Campus Writing Program.

As part of the general education program, all undergraduates must satisfy a computer and information proficiency requirement. The expressive media course satisfies this requirement, but in a much

different way than conventional computer courses. Developed through the University's Campus Writing Program, the new course grounds its theoretical base in "writing across the curriculum" and adapts that theory to include technology as a tool to promote communication and critical thinking in various disciplines. Similar to how writing intensive courses use writing to facilitate content learning in courses across the curriculum, the expressive media course helps students use technology to widen their learning possibilities in a variety of three-credit courses.

Students enrolled in the new course attend a two-hour weekly workshop where they learn to use technological tools. These sessions provide them with the skills to create an end-of-semester project that supports their learning experiences in the three-credit-hour course to which the lab is attached. For example, a student taking an English literature course could use Photoshop software to create a presentation about different interpretations of the monster's physical traits in Shelley's *Frankenstein*.

"What is so groundbreaking about this

'What may emerge from this way of teaching is a completely different way of constructing arguments.'

**Peter Campbell,
an instructor for the new
Expressive Media course**

course is that students don't just learn the technology of computers; they use the technology to understand discipline-specific concepts in an authentic setting," said White. "The most important learning occurs not when students master the technological tools, but rather when, keeping the technological possibilities in mind, they propose their own project's content, presentation medium, and audience."

The idea for the course emerged in the spring of 1996, when MU's computer and information proficiency requirement was

nearly ready to phase in, but without many courses to help students satisfy the requirement. With approval of the general education program, the course was piloted in the fall of 1996. Since then, enrollment for the course has tripled to nearly 50 students. "What may emerge from this way of teaching is a completely different way of constructing arguments," said Peter Campbell, an instructor for the course. "This course is also unique because it uses technology to help students understand learning concepts and thus teaches them learning process skills as well as critical thinking skills."

"It is wonderful to see students with different learning styles use the technology to match those styles to their course projects," instructor Marsha Lyon said.

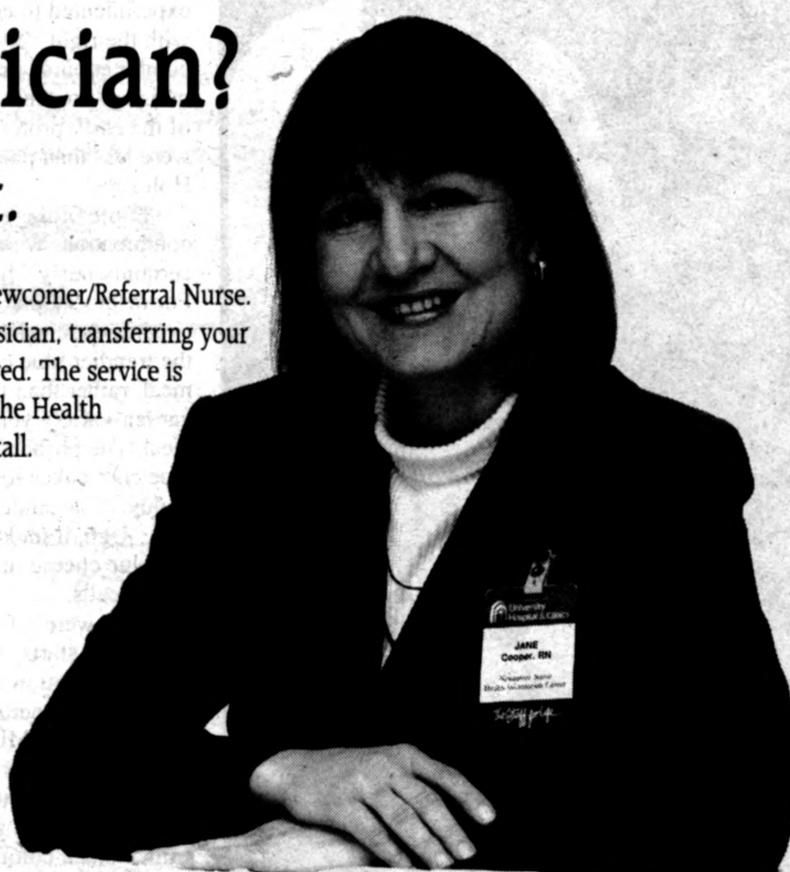
White said he believes the course puts MU on the cutting edge advocating technology across the curriculum as a better way of adopting and integrating technology. White, Campbell, and Lyon have discussed the course's concept with representatives from other universities and have found no other courses with theoretical and practical similarities.

Need a Physician? Call Our Nurse First.

Meet Jane Cooper, R.N., University Hospital's Newcomer/Referral Nurse. Jane's the one to see if you need help finding a physician, transferring your medical records or you just want a question answered. The service is free and confidential. Stop in and visit with her at the Health Information Center in Columbia Mall or give her a call.

**University Hospital's
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Volume 18 Number 32

A publication for University of Missouri-Columbia faculty and staff, published every Thursday during the academic year and twice a month during the summer by Publications and Alumni Communication, a department of University Affairs, 407 Reynolds Alumni and Visitor Center, 882-7357. News deadline is noon Thursday the week before publication. Annual subscriptions are available for \$20.

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A BANNER YEAR

Marching bands, pep rallies, and the dancing Golden Girls have always been an exciting part of the Mizzou spirit. But now, with a new spirit program, students, faculty and staff will need only to walk across campus to get into the tradition and excitement at MU. More than 50 new black and gold banners around campus are part of a Mizzou spirit project that began in February. "Traditions and school spirit are essential to the success of any major university," says Todd Coleman, executive director of the MU Alumni Association, which helped sponsor the project.

"The spirit project is part of an

effort by the Division of Student Affairs and the MU Alumni Association to increase campus spirit, make a good first impression to MU visitors, and to give students and faculty a sense of belonging," says David Roloff, marketing manager of Student Auxiliary Services and designer of the project. "In designing the banners, we tried to reflect the feel of campus and the pride all of us have in it."

Additional spirit projects are in the works for the fall semester, including a photo display of famous Mizzou alumni inside Memorial Union. Another project will place spirit photos and murals of MU

athletic events, similar to those in Brady Commons, in the admissions offices in Jesse Hall.

TAKING UP RESIDENCE

It was the mid-1950s when Don Graham started his career with Residential Life. He was a business student working as what was then called a PA, or residence hall personnel assistant. His first assignment was in the old "TD-4," residence hall for men in a converted WWII army barracks located on the present site of the Health Sciences Center. He even met his future wife, Nancy, when she worked as a PA in Johnston Hall and he was a supervisor for the men's residence halls.

Graham, now associate director of Residential Life, is retiring after 39 years. Friends and colleagues

are invited to a retirement reception for Graham from 3 to 5 p.m. June 18 in the Great Room of the Reynolds Alumni and Visitors Center. Attendees can share words of thankfulness and encouragement as well as fun-loving stories about Graham's years at MU are welcomed. He might even share a few stories of his own.

All in the family

Strength in numbers. That's what an MU social work researcher is banking on to reduce the incidence of child neglect cases.

His approach: a series of group counseling services that will empower families by teaching key parenting and interpersonal skills, and reducing the isolation that often contributes to neglect.

With a five-year, \$750,000 grant from the National Institutes of Health's Administration on Children, Youth and Families, J. Wilson Watt, an assistant professor of social work at MU, will spearhead the new series of group services for about 200 families that will be identified by the Missouri Division of Family Services.

If his approach proves successful, it could change the way that neglect cases are handled in Missouri and elsewhere. The grant is the only one in the nation awarded this year to study this topic in both rural and urban locations.

"Group work has historically been viewed as a sort of secondary component when working with neglecting families. Generally, individual family therapy has been the common approach," Watt said.

"This project will give us an important opportunity to learn just how effective group treatment is with this population. It may then give us the evidence we need to support the notion that more social workers should be trained to provide these services."

Watt's plan involves participation in a series of three group interventions lasting from 12 to 20 weeks each. Families in the study will first attend a parenting group to teach concrete skills and provide immediate intervention aimed at decreasing the risk of neglect to children in each family. Participants also will attend a social support group that will focus on building interpersonal skills and developing better social skills. Watt hopes this experience will teach

individuals to tap better into informal social support and become more aware of the causes and effects of their behaviors.

A final group will strive to enhance participants' formal networking skills, empowering them to get help when needed by becoming advocates for themselves.

"This part of the program will help people learn skills to build their own groups for long-term support," Watt said. "It also will integrate self-help with the ability to relate to and influence social services that are available to them."

"We want to help people create support systems that will enable them to effect permanent changes in their lives," he said. Watt plans to begin training social workers this spring as group leaders. Some families in urban and rural areas will start the program later this year.

Watt will be assisted by three other researchers from the School of Social Work: Anne Dannerbeck, grants and contracts specialist; Judith Burke, associate professor; and Joseph Chandy, assistant professor.

Museum selects new director

After a two-year search, Marlene Perchinske is the new director of the Museum of Art and Archaeology. She has served as the museum's interim director for the last eight months. Prior to that she worked at the Museum of Modern Art in New York City, where she handled exhibitions, collections, education, security and internships.

"In Marlene we have found an individual who can successfully lead the museum and build on its remarkable successes, to serve — first and foremost — as the scholarly resource for which it was founded," said John McCormick, interim vice provost for research and graduate dean. "I am confident that the museum will continue to be a cultural resource that extends beyond the University community and gives many pleasures, personally and professionally."

Perchinske earned a bachelor's degree in fine art from Lake Erie (Ohio) College and a master's in creative arts from Hunter College of the City University of New York.

STAFF APPRECIATION AWARD FOR THE COLLEGE OF ARTS & SCIENCE



The Arts & Science Staff Network, in conjunction with the College of Arts & Science congratulates

LINDA S. MOELLER,
Administrative Associate II in the
A&S Dean's Office as this year's winner
of the "Staff Appreciation Award"
for the College of Arts & Science.

This award is given annually to an outstanding staff member in the College of Arts & Science for fine performance and attitude. Along with a monetary award and other gifts, the staff member is recognized at the annual staff luncheon.

Congratulations Linda!

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SUMMER SESSION CALENDAR

CONCERTS & PLAYS

SUMMER REPERTORY THEATER: Mizzou's professional summer theater series continues its 29th season. All performances in the Rhynsburger Theatre. For ticket information, call 882-PLAY.

- "The Best Little Whorehouse in Texas" presents a view of small-town vice and corruption. Performances on June 28 and July 1, 2, 8, 10, 15, 18, 23, 26 and 31 at 8 p.m. and June 29 and July 27 at 2 p.m.
- "1940s Radio Hour" recreates a live radio broadcast from New York City's Hotel Astoria that features pop music of the era. Performances on July 5, 9, 11, 16, 19, 24, 29, and Aug. 1 at 8 p.m. and July 6 and 20 at 2 p.m.
- "Wedding Band" presents a romantic tragedy about an enduring and illegal love affair in a city on the South Carolina coast. Performances on July 12, 17, 22, 25 and 30 at 8 p.m. and July 13 at 2 p.m.

Thursday, June 26

SUMMER CONCERT: "The Music of Beach and Bach," directed by David Rayl, will begin at 8 p.m. in the sanctuary of the Sacred Heart Catholic Church. The concert will feature the MU Summer Singers performing Grand Mass in E-Flat Major by Amy Marcy Cheney Beach, and the MU Summer Chamber Orchestra performing Bach's Concerto for Two Harpsichords and Strings.

CONFERENCES

Thursday & Friday, July 8 & 9

NURSING CONFERENCES:

- "Advanced IV Therapy" will be offered from 7:30 a.m.-4 p.m. today.
- "PICC Line Insertion and Management" will be offered from 7:30 a.m.-4 p.m. tomorrow. Both conferences will be held at the Ramada Inn, 1100 Vandiver Dr. For cost and registration information, call 882-0215.

COURSES

Monday, June 16

CRAFT STUDIO WORKSHOPS: Summer workshops, including batik, jewelry making, pottery, black-and-white photography, and stained glass, begin this week and continue through July. For information on dates, times or fees, call 882-2889.

Tuesday, July 8

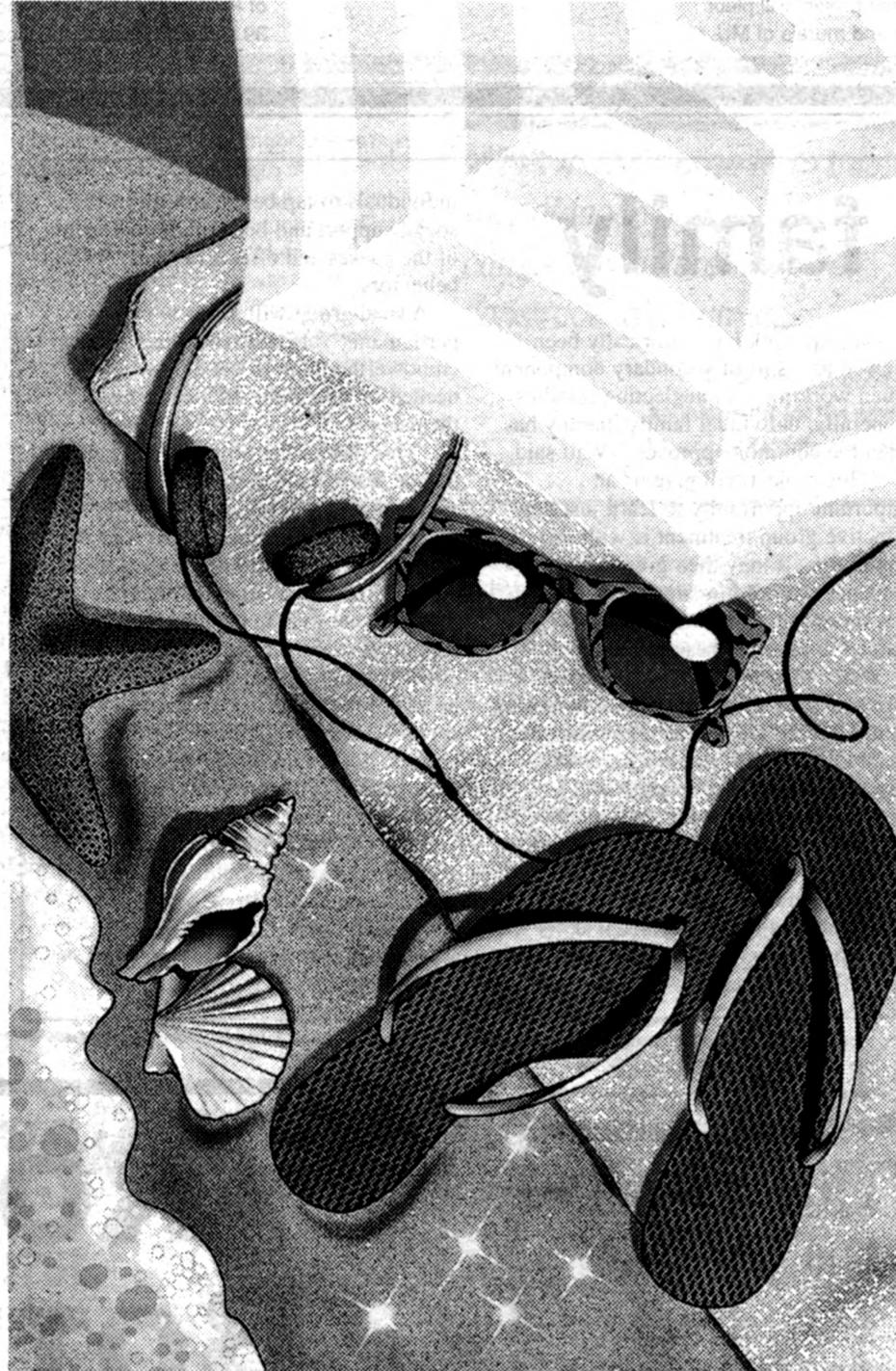
COMPUTING SHORT COURSE:

"Foundations of Computers" will be offered from 8:30-10:30 a.m. in 266 Heinkel. The two-part course will continue at the same time and location July 15. The course will be offered again July 9 and 16 from 8:30-10:30 a.m., and July 10 and 17 from 1:30-3:30 p.m. Registration by Campus Mail or fax is required; for information, call 882-2603.

Wednesday, July 9

MIZZOU TELECOM SEMINARS:

- "Using Telephone Features Effectively" will be offered from 9-11 a.m.
- "Using MU Voice Mail Effectively" will be



offered from 1:30-3:30 p.m. Both courses will be held in the Parking and Transportation office training room on the second level of Turner Avenue garage. Pre-registration is required; call 882-5525.

Friday, July 11

COMPUTING SHORT COURSE: "Internet Fundamentals Including Netscape Basics" will be offered from 8:30 a.m.-12:30 p.m. in 266 Heinkel Building. The course will be offered again July 14 and 21 from 8:30-10:30 a.m., July 17 from 1-5 p.m., and July 18 from 1-5 p.m. Registration by Campus Mail or fax is required; for information, call 882-2603.

Tuesday, July 15

HUMAN RESOURCES SEMINARS:

Consultant Debbie Snellen will present "Customer Service" from 9 a.m.-noon, and "Dynamic Presentation Skills" from 1-

4 p.m. Both seminars will be held in N208 Memorial Union. Registration by Campus Mail or fax is required; for information, call 882-2603.

Tuesday, July 22

COMPUTING SHORT COURSE:

"Introduction to Windows 95" will be offered from 8:30-11:30 a.m. in 266 Heinkel Building. The course will be offered again July 23 from 8:30-11:30 a.m. Registration by Campus Mail or fax is required; for information, call 882-2603.

HUMAN RESOURCES SEMINAR:

Consultant Phil Shearer will present "Managing Multiple Priorities" from 9 a.m.-noon in N208 Memorial Union. Registration by Campus Mail or fax is required; for information, call 882-2603.

Thursday, July 24

COMPUTING SHORT COURSE:

"WWW

"Workshop: Introduction to Web Page Authoring" will be offered from 8:30-11:30 a.m. in 266 Heinkel. The course will be offered again July 24 from 1:30-4:30 p.m., and July 25 from 8:30-11:30 a.m. Registration by Campus Mail or fax is required; for information, call 882-2603.

Wednesday, August 13

MIZZOU TELECOM SEMINARS:

- "Using Telephone Features Effectively" will be offered from 9-11 a.m.
- "Using MU Voice Mail Effectively" will be offered from 1:30-3:30 p.m. Both courses will be held in the Parking and Transportation office training room on the second level of Turner Avenue garage. Pre-registration is required; call 882-5525.

EXHIBITS

MUSEUM OF ANTHROPOLOGY:

"Photography by Eldon Leiter: Ancient Maya Art and Architecture" is on display. The museum's exhibits focus on Native American cultures and the history and prehistory of Missouri. The museum, located in 100 Swallow Hall, is open from 9 a.m.-4 p.m. weekdays and 10 a.m.-3 p.m. Saturday.

MUSEUM OF ART AND ARCHAEOLOGY:

- "Parallel Visions: Contemporary Russian and American Painting" is on display through June 15.
- "The Time of Her Life: Jane Austen's Era" is on display through Sept. 21.
- "The Floating World: Japanese Art of the Late Edo" will be on display July 12-Sept. 28.

Ongoing exhibits:

- "The Mark Rothko Loan"
- "Isms and Others in the Twentieth Century"
- "The Saul and Gladys Weinberg Gallery of Ancient Art"
- "Early Christian and Byzantine Gallery"
- "European and American Gallery"
- "Expressions of Africa"

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

STATE HISTORICAL SOCIETY:

• Works by the late Fred Shane will be on display in the gallery through August. Shane taught art at MU from 1938 to 1971; the exhibit includes drawings, paintings, mural studies and sketches. The gallery is open from 8:30 a.m.-4 p.m. weekdays.

- "Decades: 1887-1997," a collection of editorial cartoons, is on display in the east-west corridor. The corridors are open from 8 a.m.-4:30 p.m. weekdays and 9 a.m.-4:30 p.m. Saturday.

LECTURES & SEMINARS

Monday, June 16

BIOLOGICAL SCIENCES SEMINAR: Andras Fodor from the genetics department at Eotvos University in Budapest, Hungary will present "Coevolution of the Symbiosis Between Nematodes and Bacteria" at noon in Room 18 Tucker Hall.

Wednesday, June 18

MIDDAY GALLERY EVENT: Elizabeth Kramer, a graduate student in art history and archaeology, will present "Esther as an Exemplar in 16th Century Flemish Tapestries" at 12:15 p.m. in the Museum of Art and Archaeology in Pickard Hall.

Monday, June 23

CARDIOVASCULAR RESEARCH SEMINAR: Beverly Davidson, assistant professor of internal medicine at the University of Iowa, will present "An Improved Outlook for Gene Transfer to Liver With Recombinant Viral Vectors" at 11:40 a.m. in 133 Dalton Cardiovascular Research Center.

Wednesday, June 25

MIDDAY GALLERY EVENT: Carol Grove, a doctoral candidate in art history and archaeology, will present "Tower Grove Park and Victorian Landscape History" at 12:15 p.m. in the Museum of Art and Archaeology in Pickard Hall.

Wednesday, July 9

MIDDAY GALLERY EVENT: Lynn DuBard, a graduate student in art history and archaeology, will present "Earthworks: Cultural Materialism" at 12:15 p.m. in the Museum of Art and Archaeology in Pickard Hall.

Wednesday, July 16

MIDDAY GALLERY EVENT: Aimee Leonhard, assistant conservator at the Museum of Art and Archaeology, will present "Art, Tea and Theatre: Japanese Culture in the Late Edo" at 12:15 p.m. in the museum in Pickard Hall.

Wednesday, July 23

MIDDAY GALLERY EVENT: Laurel Wilson, associate professor of textile and apparel management, will present "Japanese Kimonos: Dyeing and Decorative Techniques" at 12:15 p.m. in the Museum of Art and Archaeology in Pickard Hall.

MEETINGS

Thursday, June 12

STAFF ADVISORY COUNCIL: Group meets

at 1:15 p.m. in S206 Memorial Union.

Thursday, June 26

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

Thursday, July 10

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

Thursday, July 24

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

Thursday, August 14

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

Thursday, August 28

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

SPECIAL EVENTS

Thursday, June 12

SAFE SITTERS PROGRAM: This two-part class today and tomorrow from 9 a.m.-4 p.m. in the Old Alumni Center teaches youngsters ages 11 to 13 to handle emergencies when caring for young children. Sponsored by Children's Hospital, the classes will be offered at the same times and location on June 19 and 20, July 10 and 11, July 17 and 18, Aug. 7 and 8, and Aug. 14 and 15. Cost: \$30. With questions, call 882-6565.

Monday, June 23

BALLOON GLO: Hot air balloons tethered to the ground will light up the South Quad to celebrate the National Hot Air Balloon Championships, which will be held in Columbia again this summer. The event begins at 8 p.m. In case of rain the event will be rescheduled for June 26. The South Quad is located between the Reynolds Alumni and Visitors Center and Hulston Hall.

Tuesday, August 5

MUSEUM YOUTH PROGRAM: Children will view Japanese kimonos and talk about how silk is made at "All Around the Mulberry Bush" from 9-10:30 a.m. in the

Museum of Art and Archaeology in Pickard Hall. For children ages 3 to 5; call 882-3591 for cost and registration information.

Wednesday, August 6

MUSEUM YOUTH PROGRAM: Children ages 6 to 7 will explore the world of fans and will create their own fans at "FANtastic" from 9-10:30 a.m. in the Museum of Art and Archaeology in Pickard Hall. For cost and registration information, call 882-3591.

Thursday, August 7

MUSEUM YOUTH PROGRAM: Children will study Japanese woodblocks and talk about printmaking as well as create linocuts and examine reproductions of Japanese swords during "Swords and Warlords" from 9-11 a.m. For children ages 8 to 9; call 882-3591 for cost and registration information.

Friday, August 8

MUSEUM YOUTH PROGRAM: Participants will talk about Japanese and English tea ceremonies, then glaze and fire tea bowls before taking part in an English tea during "Tea for Two — Cultures" from 9-11 a.m. in the Museum of Art and Archaeology in Pickard Hall. For children ages 10-12; call 882-3591 for cost and registration information.

RETIREEES ASSOCIATION

The MU Retirees Association has been exploring the possibility of establishing interest groups for MU retirees to get together and discuss mutual interests. Bread baking and gardening have been suggested as two separate interest groups for retirees. Anyone interested in either of these groups should call George Preckshot at 445-5313 by July 1 or earlier to give him the best time and date for an organizational meeting.

FOR THE RECORD

Summer Hours Update: The Arts and Science Dean's Office will take part in summer hours. Office hours will be 7:30 a.m. to 4 p.m. Office staff also will respond to telephone calls from 4 to 5

Dates to Remember

**Due to Inventory, We'll be CLOSED
on the Following Days**

University Bookstore
Computer Spectrum
Health Sciences Bookstore

June 27
June 27 & 28
June 27 & 28

We apologize for any inconvenience.



882-7611



882-2131

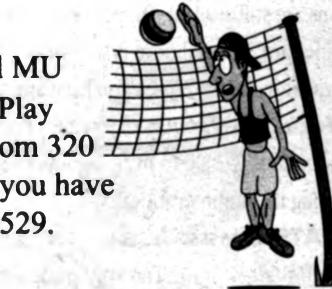


882-9911

How's Your Game??

Ready to show your stuff? More importantly, ready to have some fun? Mizzou's summer intramural program is all about fun, and it's about to begin. Get your office team together, or play individually. Either way, you're going to have a great time.

Our summer program is open to all MU students, faculty, staff and spouses. Play begins June 18, so sign up now in room 320 at the Student Recreation Center. If you have any questions, call LaVerne at 882-5529.



Team Sports

3 on 3 basketball
Co - Rec Softball
Co - Rec Sand Volleyball
Bowling/Billiards

Individual Sports

Tennis *
Badminton *
* Singles and Mixed Doubles

Department of Recreational Services
320 Student Recreation Center



WHOPPER™,
regular french
fries, and a
22 oz. soda.

BRADY
FOOD COURT

We're open for summer!
In Brady Commons
Mon. - Fri.
7 a.m. - 5 p.m.

Also Featuring...



Summer Intramural Sports

On the trail of T cells

Researchers study how human immune system triggers disease.

A new federal grant will help researchers at the Health Sciences Center and Harry S. Truman Memorial Veterans Hospital delve deeper into the mystery surrounding a chronic disease that affects up to 2 million Americans, most of them women.

The National Institute of Arthritis and Musculoskeletal and Skin Diseases, part of the National Institutes of Health, has awarded a \$884,283 five-year grant to a team of clinical and basic science researchers to gain a better understanding of the molecular mechanics behind systemic lupus erythematosus.

"We're trying to understand, at the molecular level, what some of the basic abnormalities are that cause people to have lupus," says lead researcher Robert Hoffman, associate professor of internal medicine and a Truman VA rheumatologist. "One of the specific things we are looking at is T cells, a type of white blood cell. They ordinarily work for our immune systems to protect the body, but in lupus patients we think they may play a role in making autoantibodies that attack the body itself."

Lupus is an autoimmune disease that

can cause inflammation in the skin, joints, blood, kidneys and other parts of the body. It occurs 10 to 15 times more frequently in women than in men and is most commonly diagnosed in women of childbearing age. In patients with autoimmune diseases, the immune system goes into overdrive and attacks normal tissue instead of producing the antibodies that normally protect against bacteria and other foreign invaders.

According to the Lupus Foundation of America, more people have lupus than AIDS, cerebral palsy, multiple sclerosis, sickle-cell anemia and cystic fibrosis combined. While lupus often is a mild disease affecting only a few organs, it can cause serious and sometimes life-threatening problems. Its symptoms often are similar to those of other autoimmune diseases like rheumatoid arthritis, juvenile-onset diabetes and multiple sclerosis.

What the researchers learn may lead to the development of agents that treat or even prevent lupus. Hoffman notes that the potential societal impact extends beyond people with lupus. Lupus and other autoimmune diseases inflict a heavy financial cost in medical care, expenses and lost wages.

"As a group, autoimmune diseases

are considered one of the major health concerns in the United States after cardiovascular disease and cancer," Hoffman says. "Lupus is a prototype of the autoimmune diseases. If we can determine what goes wrong and why in lupus, we may gain some fundamental understanding of some of the other autoimmune diseases as well."

The researchers will use polymerase chain reaction techniques, the same technology that made the blood analysis possible in the O. J. Simpson criminal trial, to "explode" specific DNA sequences by a million-fold from just a few copies in a biological sample. With the help of this technique, they can analyze the structure and interaction of immune-response genes, the control centers that regulate the immune system, in hopes of determining how and why the hyper-responsiveness of the immune system is turned on.

Hoffman's co-investigators are David Lee, associate professor of microbiology, and Helen Braley-Mullen, who holds a dual appointment in the division of immunology and rheumatology and department of microbiology.

The research project will rely on the dedication of a small group of lupus patients who give their time and blood to Hoffman and his team. "We have about half a dozen people who generously donate their time for something that may not directly benefit them in their lifetimes," he said.

CLASSIFIEDS

FOR SALE

Pentium 133, 32 meg RAM, 3.1 gig HD, 3 Dacet video, 33.6 voice/fax modem, CD ROM, Win95, monitor, software - \$1,625. Color printer - \$225. Call Mark at 446-3233.

MISCELLANEOUS

A Marriage Encounter weekend is coming to Columbia, MO, July 11-13, 1997. For further information about this marriage enhancing experience, call Rick & Carol Oliver at 657-9685.

The Classified Advertising Section is open only to faculty and staff members and retirees. A home phone number is required in all classified ads. No refunds will be given for cancelled ads.

Ads must be typed.

Rates: 30-word maximum \$5.

Publication deadlines: noon on Thursday of week prior to publication.

Mizzou Weekly Classifieds: Make your check payable to University of Missouri and send to: *Mizzou Weekly*, 407 Reynolds Center, Attention: Tanya Stitt.

Campus Computing

Training Opportunities

Wondering about Campus Computing Training courses? None are scheduled at this time, but we haven't shut down for the summer. Keep watching the *Mizzou Weekly* and the Training Group web pages (see below) for updates. If you cannot connect to the World Wide Web, or if you need help doing so, please call 882-6006 for more information.

SHORT COURSES: No classes are scheduled at this time. However, please keep in mind that consultations and departmental sessions are still available to you. Keep an eye on our web site, as schedules are updated here first. Contact Prima Wagan, Training Coordinator, at 882-2000 if you have any questions.

FOCUS ON FACULTY: Contact Prima Wagan, Training Coordinator, at 882-2000 to make arrangements for faculty workshops during the summer months.

CATS CLASSES: No courses are scheduled at this time. Watch the *Maneater* or the Training Group web pages for updates. Please contact 882-2000 if you have any questions.

CAMPUS COMPUTING LIBRARY: A small collection of computer-based training (CBT) modules on applications are available for check-out. The tutorial collection is designed to serve the needs of faculty, staff, and students in terms of providing additional training to our regularly scheduled courses. The collection includes modules on WordPerfect for DOS, WordPerfect for Windows, Microsoft Word, Macintosh FileMaker Pro, Microsoft Excel and Lotus 1-2-3. Contact the Campus Computing librarian at 882-

6006, or check out the Library's Home Page for further information.

Training Group Home Page:

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

Campus Computing Library Home Page:

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

Training Course Descriptions:

<http://www.missouri.edu/~cctrain/course.html>

MIZZOU1 Phaseout Update

The MIZZOU1 Phaseout is continuing smoothly. We are migrating users, phasing out software, and determining the needs of our MIZZOU1 users. Currently, we are working to remove software from MIZZOU1, and as of June 30th, 1997 the following software will no longer be available on the MIZZOU1 machine: BMDP, db/Restore, DISSPLA, IFPS, Minitab, Modula-2, NNR, Newsreader, PL/I, SAS (Access, AF, Assist, Connect, ETS, FSP, IML, OR), SPSS, VS FORTRAN, VS Pascal, Waterloo Basic, Watfiv. On August 24th, 1997, we are removing MVSSUB, POP Mail, Ricemail, and on December 28th we are removing C and SAS (Base, Stat and Graph). If you have any questions, please call Margie Gurwitz or Jason Caroll at 573/882-2000 or migrate@sbowme.missouri.edu.

Campus Computing Develops Problem Tracking System

Remedy, a problem tracking system, is being developed to help Campus Computing provide better service to end users. When a consultant receives your call, he or she will ask for your full name,

status (University student, faculty or staff), and the operating system/platform of the computer you are using. In addition to ensuring better follow-through on your request, Remedy gives us a way to keep track of problems and thus plan long-term improvements.

In another effort to improve service, the Help Desk recently installed an Automatic Call Distribution (ACD) system. Now, if you call the Help Desk and a consultant is not immediately available, your call is placed in a queue and answered in the order in which it was received. You can reach us at 573/882-5000.

Mid-Missouri Network Users Group

June Meeting

Wednesday, June 18, 1997, 10:00am-Noon

226 Heinkel

Mid-Missouri Network Users Group is an independent, not-for-profit corporation run by volunteers, that promotes the exchange of computing information among users of networks, NetWare and related products.

June Topic: *Everything's Connected* is an interoperability demonstration of all key Novell technologies working as one cohesive solution. The main objective of *Everything's Connected* is to present the unique business value proposition Novell can deliver to customers with complex and diverse networking needs. To find out more about the next MMNUG meeting, see the following URL: <http://www.fse.missouri.edu/mmnug/june.htm>.

Hold the phone

Here's how to help ensure that your personal listing is correct in the upcoming 1997-98 Student, Faculty, Staff directory, as well as information on how to get people less than 75 percent FTE included in the alphabetical section of the directory.

FACULTY-STAFF LISTINGS

■ First, be aware that information for the alphabetical listings in the faculty-staff

section of the telephone directory comes from the campus and hospital payroll-personnel data bases. Names, titles, departmental addresses and phone numbers, and home addresses and phone numbers will be pulled in early September for employees whose full-time equivalence at MU is 75 percent and above.

■ All updates to either office or home address and telephone numbers must be made on Change of Address Personal Data forms. The forms also are used to restrict the listing of home addresses and phone numbers. Any changes in a person's name, job title or in FTE must be processed on a Personnel Action Form (PAF). This is the only way these entries

can be updated for the telephone directory.

■ Aug. 8 is the cutoff date for returning these forms either to Jim Robinson, 16 Jesse Hall, or Janet Shackleford, 1W41 University Hospital and Clinics.

■ Do not send originals or copies of these forms to the publications office. Send them direct to the appropriate payroll office.

■ Staff who have restricted their home listings in previous directories do not need to submit a new form each year.

HOW TO INCLUDE CURRENT EMPLOYEES OR EMERITI FACULTY WHO ARE LESS THAN 75 PERCENT FTE

■ Each unit/office is responsible for

providing to the telephone directory coordinator a list of employees who need to be included in the faculty-staff section but might not be pulled from the data bases in September. These people include:

■ Key part-time personnel who are less than 75 percent FTE

■ Military, medical, USDA or other federal employees who have campus appointments but are paid primarily from non-university funds

■ Professors emeriti who have offices on campus

Send an alphabetical listing of these people — excluding employees 75 percent FTE and above — to Telephone Directory Coordinator, 407 Reynolds Alumni and Visitor Center, by July 11.

Working hard in the winter to keep you cool in the summer-

"MU's Chilled Water Group"



"MU's Chilled Water Group": (From left to right, back row) David Atkisson, Allie Fuemmeler, Timothy Aitken, Gary George; (front row) Jody Thomas, Larry McKenzie, and Gary Fields.

MU's "Chilled Water Group," an expert team of technicians and specialists, were busy this winter maintaining the large air conditioning equipment that cools most campus buildings.

This included major overhauls of four chillers, annual service of all chilled water equipment and brush cleaning more than 24,000 heat exchanger tubes.

The results? Reliable cooling of campus buildings and **\$200,000 in energy savings.**

The meticulous care and maintenance speaks of the pride they have in their work. We salute the chilled water group for working hard when it was chilly outside to keep us cool in the summer.



M Energy Management
Campus Facilities

SUMMER TIME AT THE REC CENTER!

WE'VE GOT SOME GREAT SUMMER ACTIVITIES DESIGNED JUST FOR YOU!!



Our summer Physical Activity classes begin on June 16. We are offering classes from Fencing and Golf to Latin American Dance and Mountain Biking. Call Brad at 882-5530 for more information!



Summer Intramural Sports begin on June 18. There are both team and individual sports, including basketball, sand volleyball and tennis. Call LaVerne at 882-5529 for more information on our complete summer schedule.

This summer, our Rec Aerobics program is offering sixteen different class times, Sunday thru Friday. There is sure to be one to fit your busy summer schedule. Call Wendy at 882-5530 for more information.

"... Providing excellence in recreation!"

Department of Recreational Services
320 Student Recreation Center
www.missouri.edu/~recwww/



HEARNES CENTER JESSE AUDITORIUM

Congratulations to **Chloie Piveral**. She has been voted Hearnes Center/Jesse Auditorium May Employee of the Month. Chloie is very versatile at Jesse Auditorium. She keeps the office running and when needed works as a stage crew member. Chloie goes out of her way to help out the employees at Jesse Auditorium and is very enjoyable to work with. She is very efficient and carries a positive attitude.



Thank you, Chloie, for a job well done!

EMPLOYEE OF THE MONTH

Parking & Transportation Services

Turner Avenue Garage
Level 2
882-4568

**Due to our participation
in the Mizzou Fair
during Summer Welcome,
the parking office
will be closed for lunch
from noon to 12:30 p.m.
June 9 through July 3.**

SUMMER '97 CRAFT STUDIO WORKSHOPS

FOR THE MAD
MAKER IN
YOU

- BATIK-
- POT THROWING-
- PHOTOGRAPHY-
- JEWELRY MAKING-
- HANDBUILDING-CLAY-
- STEPPING STONE MOSAIC TILE-
- STAINED GLASS-

WORKSHOPS BEGIN THE WEEK OF:

JUNE 16



203 BRADY COMMONS MU

2ND FLOOR - 882-2889

Ellis Library Copy Service's Summer of Fun

The University Club's Father's Day Brunch

Sunday, June 15, 1997. 11 a.m. and 1 p.m. seatings.

\$17.95 adults/\$6.95 kids 5-12

Children under five eat FREE!

Buffet includes a pancake station,
carving station, salad selections
and many desserts.



This summer fun update is brought to you by

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Balloon Glo at MU

Monday, June 23, 1997. 8 p.m. to 9:30 p.m.

Hot air balloons, tethered to the ground, will fire their burners to illuminate the South Quad in a "Balloon Glo" celebrating the US National Hot Air Balloon Championships. The event, located between Reynolds Alumni Center and Hulston Hall, is free and open to the public, and dependent on the weather. Rain date is scheduled for Thursday, June 26.

MIZZOU
WEEKLY

University Libraries
University of Missouri

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Content type Text with images
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