University of Missouri-Columbia Feb. 29, 1996

#### INSIDE THE WEEKLY

Page 3: Molecular Biology Week is March 4 to 8

Page 12: Mizzou's award-winning tutors are honored for their

### Changes recommended for University benefit plan

fter nearly a year of detailed review and analysis, the UM System retirement and staff benefits committee has developed recommendations for changes to the University's benefit package.

The committee's recommendations center on early retirement issues, pension portability and educational assistance for dependents. The total annual cost of benefit

enhancements is an estimated \$2.4 million. A number of the items carry little or no cost.

The task force recommendations have been forwarded to UM System President George Russell. The proposals were included as an information item at last week's meeting of the Board of Curators in St. Louis. In addition, R. Kenneth Hutchinson, UM associate vice

president for Human Resources, made a presentation on the recommendations earlier this month to the Faculty

The committee gathered extensive input from faculty and staff groups as well as from benefits consultants. For instance, a study by the consulting firm Hewitt Associates compared aspects of the University's benefit program to 13 other public Association of American Universities schools in the Midwest.

That study found that the UM System has "a reasonably competitive benefit program" the committee report said. "However, the overall ranking is 10th out of 14 institutions, which suggests the need for program review and enhancement.

The report also urged the University to "maintain a See Benefits, page 9.

# Searching for different visions

his is how one woman described

life on a family farm in

Women, Community and the

Preserving the Family Farm:

"You don't think of your home on a farm as just a space inside four walls. The feeling of home spreads out



are all the time helping to

produce live things in those

places and they, or their

products, are all the time

orchard, barn or henhouse,

as a part of the things you

handle to prepare for meals

 Preserving the Family Farm: Women, Community and the Foundations of

Agribusiness in the Midwest, 1900-1940,

coming back into your

kitchen from garden.

or market every day."

by Mary Neth

Foundations of Agribusiness in the Midwest, 1900-1940. The author. Mary Neth, assistant professor of history, will use the work as the basis for her presentation, "See History a all around, New Way," tomorrow night at 7 p.m. in 106 Pickard Hall. into the garden, the lectures, performances and exhibits for this year's Women's History Month. orchards, henhouses.

history," Neth says. "As scholars we are doing a lot more research in the field, but we need to do much more public history. Women's history month gives us the opportunity to take the the barn, the knowledge and give it to the people that we're not necessarily in touch springhouse, with in our classrooms. because you "In my presentation, I'll be talking

about how listening to women's voices and looking at sources from women can change the ways we see a traditional topic, for example, rural life in the 20 century."

'Women are not aware of their

Neth grew up on a farm in Smithville, Mo., north of Kansas City. Her book stemmed from the dissertation she completed at the University of Wisconsin. "There was a lot of literature about urban workers and the working class, but little that looked at agriculture from farmers' perspectives. I wanted to take the kinds of approaches that were being used in urban history and working classes and apply them to rural areas."

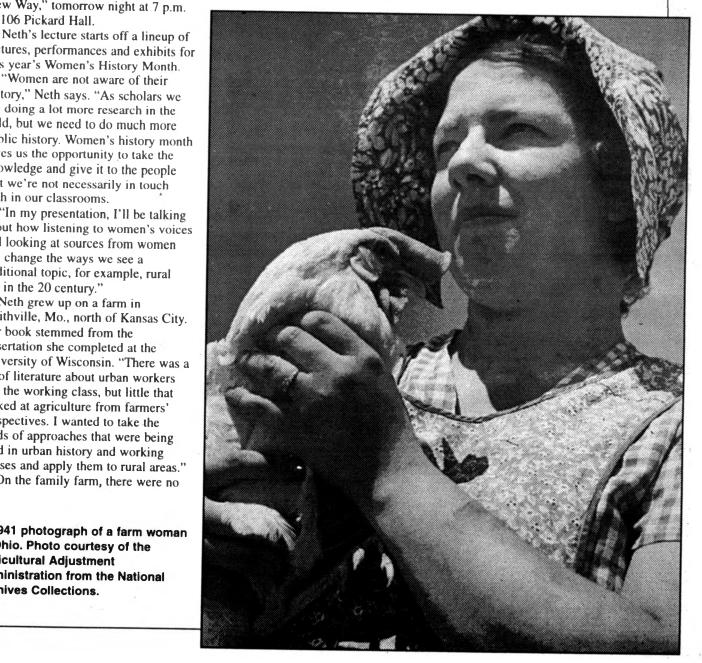
On the family farm, there were no

A 1941 photograph of a farm woman in Ohio. Photo courtesy of the **Agricultural Adjustment** Administration from the National **Archives Collections.** 

separate spheres for women and men. "Family farming did not separate the jobs of men, women and children; it tied them together," Neth writes in her

Family and communities had various survival strategies to maintain their farms and families. "Often we

think of the farmer as the male person who runs the farm," Neth says, "but in reality the farmer was rarely an independent person. He had a wife working with him, and children, too. Also, there was a community of exchange, so that one of the ways you See Farm, page 4



#### LECTURE ADDRESSES MULTINATIONAL PLAN

Kenneth Simmonds, professor of marketing and international business at the London Business School, will give the 1996 Schram Lecture in International Business at 4 p.m. today in Pickard Auditorium. Simmonds is the internationally known author of numerous books and articles on strategy, marketing and international business. He will speak on "Challenges in Multinational Strategy: Allegiance, Unity and Innovation." The event is free and open to the public.

The lecture series is named for John Schram, a 1958 MU

graduate and the founder and president of Schram & Co., a major trading presence in the Pacific Rim countries, Australia, Canada and Western Europe. As part of the lecture series, Simmonds and Schram will guest-lecture classes in the College of Business and Public Administration.

#### WATCH OUT FOR SUSPICIOUS PACKAGES

In modern society, terrorist organizations and individuals like the Unibomber have become facts of life. University Police would like to remind the campus community that it always makes sense to take

reasonable precautions with suspicious packages. The FBI's Bomb Data Center provides these recognition points for letter and parcel bombs: excessive postage; incorrect or misspelled titles; rigid envelope; no return address; excessive weight; lopsided or uneven envelope; oily stains or discolorations; protruding wires or tinfoil; package secured with excessive tape or string.

If you receive a suspicious package or envelope, University Police recommend taking the following precautions:

- Do not handle or disturb the package.
- · Calmly evacuate the room

- where the package is.
- Call University Police at 911, or 882-7201, and make sure that no one except emergency personnel enters the room.
- While waiting for police, check to see if the package is a legitimate shipment by attempting to contact the sender shown on the return address.

#### STORM SIGNALS

The sirens will sound next Tuesday at 10 a.m., but there's no cause for alarm. MU will be taking part in a statewide severe weather exercise March 5 as Missouri's tornado season approaches. An alternate



date for the drill has been set for 10 a.m. March 7. With questions, call Ray Morrison at 882-7018.

## Kids are our specialty



A unique place, Children's Hospital cares for the special physical, emotional and developmental needs of children and their families. As a hospital within a hospital, Children's Hospital is strengthened by the resources of University Hospital and Clinics, including its Level I Trauma Center and The Staff for Life helicopter service. Children's Hospital, with more than 100 beds, offers:

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- In-hospital school program
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Sets us apart

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### RECORD

Campus Facilities is excavating a site west of the Physics Building to construct cooling towers for the White Campus chilled water loop. In the next few weeks, additional excavations will begin for the new pipes that will connect the cooling tower to the Chemistry Building and other buildings in the area. Traffic in the roadway between the Physics Building and Tucker Hall will be re-routed periodically to accommodate the excavation work, which is expected to be finished by mid-April.

Have you won a Fulbright or Fulbright/Hays Award? The Office of the Provost is updating information on MU faculty who have received either of these awards. Those faculty members are asked to contact the International Center at 882-6008.

Work-Study supervisors can help

student staff get their career search on the right track by encouraging them to attend a resume writing workshop. The program, "Writing a Winning Resume," will be held from 3:45 to 4:30 p.m. in \$206 Memorial Union. With questions, call the Work-Study Employment Office at 884-6217.



#### Volume 17 Number 20

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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### Critical Mass

#### Molecular Biology Week brings together researchers from across campus

all of the incredible richness of life on this planet, from trees to whales to ourselves, are the result of evolutionary changes caused by mutation. But mutations also are responsible for most birth defects, genetic diseases and cancer, and 150 years after Darwin, many of its subtle processes remain mysterious.

Mutations occur whenever the DNA molecule, the blueprint of living organisms, is changed in some way. Some reasons for mutation are well-known, like radiation or subtle chemicals in food or water.

But now, Patricia Foster, professor of environmental health at Boston University, has discovered a different factor that alters the genetic code. She has found that when cells are under environmental stress, such as starvation, the DNA can actually begin to mutate spontaneously.

"In some cases," Foster says. "it appears that only useful mutations, not useless or deleterious ones, arise under such stress, a phenomenon that has been called 'directed' or 'adaptive' mutation."

Foster will present these discoveries during a seminar titled "Adaptive Mutation in *Escherichia coli*: Molecular Mechanisms and Evolutionary Significance" at 3:40 p.m. March 4 in Townsend Auditorium.

Her seminar is part of Molecular Biology Week '96, to be held on campus March 4 to 8, which includes seminars by internationally known speakers, workshops of interest to campus researchers and tours of the program's shared research facilities.

Joe Polacco, professor of biochemistry and chairman of the Molecular Biology Week, says the campus' growing involvement with the program is evidenced by the increasing number of special events during the week, especially the poster session.

"We're featuring 89 posters from 43 labs across campus," Polacco says. "This reflects the increasing use of molecular biology techniques among MU's researchers." The events for this year's Molecular Biology Week are:

#### March 4

- Open house at Cell and Immunology Core from 9 a.m. to 2 p.m. in M324 Medical Sciences Building.
- Patricia Foster, professor of environmental health at Boston University will present "Adaptive Mutation in Escherichia coli: Molecular Mechanisms and Evolutionary Significance" at 3:40 p.m. in Townsend Auditorium.

#### March 5

- A panel of faculty and research scientists will present the workshop "E Pluribus Something: Combinatorial Logic in Drug Design and Molecular Biology Research" from 10 a.m. to noon in S203 Memorial Union.
- Open house at the Electron Microscopy Core from 1 to 5 p.m. in W123 Veterinary Medicine Building.
- Olga Shamraj of the biotechnology firm Perkin Elmer will present the workshop "Advances in RNA PCR" at 2 p.m. in S203 Memorial Union. To register, call 882-2816.

#### March 6

- A poster session and vendor show will be held from 10 a.m. to 3 p.m. on the second floor of the Reynolds Alumni and Visitor Center.
- Dola Haessig of MU's Office of Research, will present "Community of Science" from 10 a.m. to noon in the Donrey Media Room at the Reynolds Center.
- Clarence Ryan from the Institute of Biological Chemistry at Washington State University will present "Signaling Pathways for Plant Defense Against Herbivores and Pathogens" at 3:40 p.m. in Townsend Auditorium.

#### March 7

- A workshop on "A Rock and a Hard Place: Juggling Publication and Intellectual Property Rights" will be held from 9 to 11:30 a.m. in S203 Memorial Union. To register, call 882-2816
- Open house at the Molecular Cytology Core will be from 1 to 5 p.m. in 2 Tucker Hall.

#### March 8

- Open house at the Protein Core will be from 9 a.m. to 2 p.m. in 106-107 Schlundt Annex.
- A faculty panel will present
   "Navigating Shark Infested Waters —
   A Grants Workshop" from 1 to 3 p.m.
   in S203 Memorial Union. To register,
   call 882-2816.
- Oliver Smithies, professor of pathology at the University of North Carolina-Chapel Hill will speak on "Gene Targeting to Study Complex Genetic Diseases in Mice" at 3:40 p.m. in Townsend Auditorium.



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# Mizzou Magic on the road

The Office of Publications and Alumni Communication introduced *Mizzou Magic* magazine at Interface, a conference of more than 1,000 science and math teachers at Tan-Tar-A resort on the Lake of the Ozarks, Feb. 22 and 23. *Mizzou Magic*, MU's science magazine for middle-school and junior-high students, reaches about 100,000 youngsters statewide. Teachers said their students love having a lively and colorful magazine about research being conducted in their own state. Also, the College of Veterinary Medicine's Raptor Rehabilitation Project sent students Karen Selbert and Marla Gray to display a great horned owl named J.R., which graces the most recent issue's cover.

Right, *Mizzou Magic* editor Dale Smith discusses the magazine with a science teacher.

Karen Worley photo



#### **Farm**

From page 1.

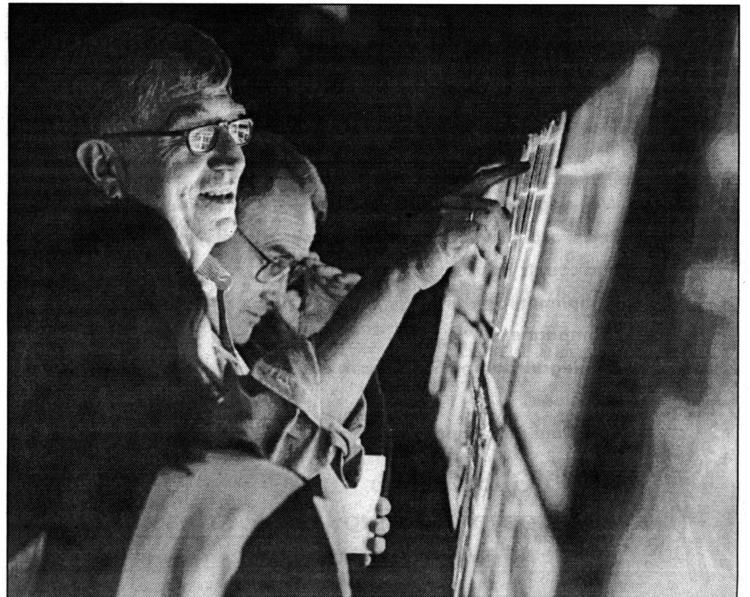
cut costs was by producing something on the farm for home use or by exchanging labor with your neighbors." Women played crucial roles: building communities, organizing social networks, maintaining the house, producing food and clothing for the family, caring for the children, supervising the work of those who helped her and keeping the budgets. The feminine realm of labor also extended to areas immediately surrounding the house. Women tended to poultry flocks and oversaw egg production for household use or for trade in local markets. They gardened, procured heat and water for the household, and many were involved in all phases of dairying from milking cows to washing pails and separators. These survival strategies were important to the ways farmers were able to make a living and maintain ownership of their land in the early 20th century.

In looking at agriculture policy, Neth found that in the early 20th century there was a push to industrialize agriculture, to

increase the use of technology and to get farms to be more specialized. "In many ways those policies undercut the kinds of survival strategies that farm familes had," she says. "If you promoted more technology that meant that you would put more money into machinery and you would need less of the kinds of labor exchanges." But it would also take more money to operate the farm.

Is there hope for the family farm in the 21st century? "I think that the sustainable agricultural movement toward preserving family farms is a positive one," Neth says. "Since the farm population now is a small percentage, it is difficult to convince people of the importance of smaller farms, but you can see it when you connect it to environmental or food safety issues." Neth says she wants to remain optimistic, but the continuing pressures of consolidation and agribusiness, and a decline in farming skills that are passed down through the families make survival difficult.

The audience will have an opportunity to meet Neth at a reception, which will be held in the Cast Gallery after her lecture.



# POY time at J-School

Pictures of the Year judges Sonya Doctorian, St. Petersburg (Fla.) Times; Bill Sneed, Lawrence, Kan., Journal-World; and John Biever, a freelance photographer from Shorewood, Wis., review photo entries arrayed on a viewing wall during judging Friday of the Newspaper Photographer of the Year. Judging for the 53rd annual international photojournalism competition concluded this week in the magazine division and will continue Saturday in the editing division. The competition was founded at MU and is sponsored by the School of Journalism and the National Press Photographers Association. Nearly 1,500 photographers and editors submitted 28,000 entries.

Rob Hill photo

# Congratulations to this Ellis Library Copy Center Scholar-Athlete of the Week



### Heather Stock

Academic All-Big Eight, Phillips 66 Classroom Champion

Heather plans to teach and do mission work abroad after graduation. "I enjoy working for the less fortunate. I've been to Mexico twice to build homes for families."

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### PEOPLE

#### **Appointments & promotions**

Dan Holland is a clinical assistant professor in MU's Clinical Health Psychology and Neuropsychology Division.

Doris Littrell, director of MU Extension Teaching, is chairwoman of Region IV of the National University Continuing Education Association.

Alice Edwards, information services librarian and head of interlibrary loans, was appointed chairwoman of the professional recognition review panel of the Medical Library Association.

Larry Kreuger, associate professor of social work, has been elected to a two-year term on the board of directors of the Missouri Association for Social Welfare.

Judy Siebert Pallardy, engineering librarian, was appointed vice president/president-elect of the Missouri Library Association.

#### Awards & honors

William Berry, professor of art, won third place in professional drawing for "Still Life with Grandfather's Jug" at the 36th annual Boone County Art Show and was accepted in a national competition titled "Artists' Responses: Drawing A-Z" at the Dougherty Arts Center Gallery in Austin, Texas, for his drawing "Homage to Polykleitos."

Steve Gnatz, associate professor and chairman of physical medicine and rehabilitation, received the Outstanding Alumni Award from Baylor College at the American Academy of Physical Medicine and Rehabilitation's annual meeting in Orlando, Fla.

Larry Kantner, professor of art, received honorable mention for his work "Forgotten Moons" at the 36th annual Boone County Art Show.

Richard Linhardt, associate professor of agricultural education, won the Outstanding Service Award from the American Vocational Association in recognition of his contribution to the improvement, promotion, development and progress of vocational-technical education.

Penny Lorenz-Bailey of the Missouri HEADS
UP program was presented with the
Toastmasters International Communication
and Leadership Award during the
Toastmasters Annual Awards Banquet. She
also was presented with a personal
achievement award from the Missouri Easter
Seals Society during the annual banquet in
Kansas City.

Lawrence Rugolo, professor of art, won the Boone County National Bank Purchase Award for his work "Umcyber Campus."

Frank Stack, professor of art, received honorable mention for his painting "Glasgow," at the 36th annual Boone County Art Show.

Bede Clarke, assistant professor of art, exhibited recent works at the Boger Gallery at the College of the Ozarks in Point Lookout, Mo., and had a ceramic sculpture titled "Reason and Faith" accepted into the national juried exhibition "Terra Firma" at the Daniel Corbin Gallery in Spokane, Wash.

Abdullahi Ali Ibrahim, professor of history, was guest speaker for the 35th Nigerian independence celebration organized by the Nigerian Cultural Association of Columbia.

Lynn Pike, human environmental sciences extension specialist, received the Leadership Award from the Missouri Department of Health on behalf of University Extension's efforts in AIDS education and HIV/STD prevention.

#### National & international presentations

Wayne Bailey and Ralph Munson, associate professors of entomology, presented "Influence of Alfalfa-Grass Mixtures on Potato Leafhopper Populations" at the Entomological School of America annual meeting in Las Vegas.

Alla Barabtarlo, catalog librarian at Ellis Library, presented "Catherine the Great's Promotion Chart" at the Saint Louis Conference on Manuscript Studies in St. Louis.

Susan Buckelew, associate professor of physical medicine and rehabilitation, presented "The Treatment and Outcome in Patients with Musculoskeletal Pain Syndromes" at the annual meeting of the American Pain Society in Los Angeles.

Norman Gerald Barrier, professor of history, presented "Macauliffe, Trumpp & Sikhism" at the South Asia Conference in Madison, Wis.

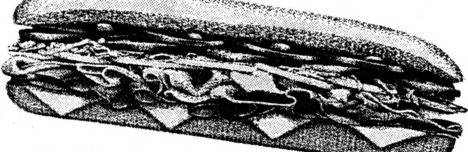
Judith Davenport, professor and director of social work, presented the invitational address on "Breaking Through the Glass Ceiling in Social Work Agencies and Academic Settings" at the annual meeting of the National Association of Social Workers in Philadelphia.

Dave Demo, associate professor of human development and family studies, presented "Teaching About Family Theories from a Feminist Perspective" during a teaching round table titled "Tales from Feminist Teachers: Sharing Experiences and Techniques" at the National Council on Family Relations annual conference in Portland, Ore.

Michael A. Diamond, professor of public administration, presented "Psychodynamic Organizational Consulting" at the American Psychological Association annual meeting. He presented "Technology and Organizational Change" and "The Myth and Reality of Networking Organizations: A View from Consultation Research and Practice" at the Association of Computing Machinery and the Special Interest Group on Documentation.

Kitty Dickerson, professor and chairwoman of

# FRESH SPECIALS



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Cafe will close on Friday,
March 8, at 1:30 p.m. to begin

construction of a new facility on the first floor scheduled to open Winter Semester 1997.

Interim food service will be on the first floor South Memorial Union, open Mon. - Fri. 7:30 a.m. - 2 p.m.

We apologize for any inconvenience

textile and apparel management, led two sessions at the International Textile and Apparel Management conference titled Telling Our Story Effectively" and "Global Concepts and Methods in Teaching.

Joseph Dixon, professor of food science and human nutrition, presented "Assembly and Secretion of apoB-containing Lipoproteins" at the American Heart Association national meeting in Anaheim, Calif.

Steve M. Gnatz, M.D., associate professor and chairman of physical medicine and rehabilitation, presented "Modern Approaches to Radiculopathy and Back Pain" at the Continuing Medical Education Internal Medicine Update in St. Joseph, Mo.

Jean Hamilton, associate professor of textile and apparel management, co-presented "Entrepreneurial Values in a Bi-Cultural Community: Contentions and Negotiations" at the International Textile and Apparel Association annual meeting in Pasadena,

E. Diane Johnson, head of information services, presented "Retrieving Research Studies: A Comparison of Bibliographic and Full-Text Versions of the New England Journal of Medicine" at the Symposium on Computer Applications in Medical Care in New Orleans

Stephen F. Matthews, professor of agricultural economics, presented "Environmental Protection and Pollution Control in Thailand: Western Standards, Thai Ways," at the Joint Symposium of the United Kingdom, U.S. and European Agricultural Law Societies.

Ed Metzen, professor of consumer and family economics, presented "Determinants of Individuals' Quality of Life in Two-Parent and Single Households: Conceptual Framework, Empirical Results, and Implications for Marketing and Public Policy," at the Quality of Life/Marketing Conference—Fifth Triennial Conference of the Academy of Marketing Science in Williamsburg, Va.

Majorie Sable, assistant professor of social work, presented "Factors Affecting Contraceptive Behavior Among Low Income Women" at the annual meeting of the American Public Health Association in San

Benyamin Schwarz, assistant professor of environmental design, presented "New Models of Housing for Frail Elderly: The North European Experience," at the Gerontological Society of America's annual

Deanna Sharpe, assistant professor of consumer and family economics, presented a workshop titled "Teaching Retirement Planning" at the Association for Financial Counseling and Planning Education annual conference in New Orleans.

Shivendra D. Shukla, professor of pharmacology, presented "Tyrosine Kinases in PAF Signaling and Gene Expression," at the Fifth International Congress on Platelet Activating Factor.

Karen Worley, director of Publications and Alumni Communication and editor of MIZZOU magazine, co-presented a talk on "Magazine Miracles" Dec. 11 at the Council for the Advancement and Support of Education District 5 conference in Chicago.

ave you been promoted, won an award or presented a paper recently? The 'People' column wants to know about it. Send your news to John Beahler at 407 Reynolds Center. But please be patient; we receive many entries, and publish them in the order in which they are received.

#### ENGINEER'S WEEK '96

#### Without a design or a plan, an idea would never be born.

We salute our engineers whose talents have improved MU.

Alan Warden, Asst. Vice-Chancellor

Paul Hoemann, director

Ken Davis, manager

Ishtiaq Qureshi, staff engineer

Harry Frank, sr. staff engineer

Mike O'Brien, sr. staff engineer

Mike O'Connor, staff engineer

Don Guckert, director

Larry Hubbard, project mgr.

Dwight Hubert, constr. project mgr.

Doug Spellman, project mgr.

Kevin Suiter, engineering associate

Glen Mieir, manager

Xuechang Li, programmer/analyst

Larry Edwards, director

Bob Teerlinck, manager

Gregg Coffin, power plant superintendent

Paul Coleman, sr. staff engineer

Bob Renshaw, sr. staff engineer

Mark Culp, manager

Barry Trader, systems support

Eric Bassett, engineering assoc.

Steve Hencey, sr. staff engineer

Howie Beauchamp, architectural assoc.

Larry Schilke, managing engineer

Andy Norris, managing engineer

Larry Long, maintenance engineer

Chuan Lin, programmer/analyst



# "What a

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**Campus Computing** 

The following non-credit short courses are free of charge and open to MU faculty, staff and graduate students unless otherwise noted. Participants may be enrolled in no more than two courses in one month. Registration is required and is done on a first-come, first-served basis. To enroll, please call 882-6006. NOTE: When an ID is required for a class, participants should obtain the ID prior to registering for that class (call the Help Desk at 882-5000 for ID information). More information about these classes is included in the Campus Computing Training Groups Web pages (see below). If you cannot connect to the World Wide Web, or if you need help doing so, please call 882-6006 for more information.

For the complete Winter Semester Short Course schedule including class times, see the following URL: http://www.missouri.edu/~cctrain/WS96web.html

#### FOCUS ON FACULTY Introduction to the Internet MARCH 1

Prerequisites: Foundations of Computers course or knowledge of file management with Macintosh or Windows, mouse skills and a MIZZOU1 or SHOWME account prior to registering for the class. Participants will be introduced to the history, development, and structure of the Internet, how it is linked together and how it functions. You will learn how to access, search and retrieve on-line resources using the basic protocols of email, Telnet, and File Transfer (FTP). You will also access and learn to use information-finding ools such as Gopher, Veronica, Archie, and Netscape.

#### INTRODUCTION TO PINEMAIL MARCH 1 OR MARCH 5

Prerequisites: A SHOWME ID is required prior to registering for the class, and Intro to SHOWME is recomended. This hands-on class will introduce you to composing, editing and sending email to an individual or group using the academic Unix computer system SHOWME. You'll also learn to sort your email into folders and create an address book.

#### INTERNET CONCEPTS MARCH 1 OR MARCH 19

Prerequisites: None, other than basic computer applications experience and a desire to learn. This is not a handson course; you do not need an Internet account. This basic Internet lecture/demonstration course covers the general concepts for individuals with little or no experience with the Internet. This course is also ideal for beginning users who want to gain a better understanding of how things work behind the scenes. Although the course is a lecture, rather than hands-on format, participants will learn about the broad spectrum of activities that one may do with Internet access. Participants will compare the differences between text-only and graphical user interfaces, and between modem and backbone connections. This course is a good foundation for those who later want to take a more advanced, hands-on Short Course such as RiceMail or Hands-on Internet. Specifically, participants will learn the concepts behind the email, telnet, and File Transfer Protocol (FTP) functions, as well as World Wide Web functions.

#### GRAPHING IN MICROSOFT EXCEL 5.0 MARCH 4

Prerequisites: Introduction to Excel or experience with Excel spreadsheets. This hands-on course will introduce graphing options in the Microsoft Excel 5.0 application. Topics covered include manipulating different graph types, formatting, modifying and editing graphs, and printing considerations.

#### Introduction to Data Manipulation with Perl MARCH 4

Prerequisites: Prelude to Programming or experience with a programming language such as Pascal, Fortran, Basic or C, and must have access to SHOWME, SGI/NeXt computers or other Unix or DOS systems supporting Perl. This course introduces users to Perl, a Practical Extraction and Reporting Language, popular on Unix and DOS systems for data manipulation and system administration.

#### Foundations of Computers (2 parts) PART I-MARCH 5 PART II-MARCH 19th

**Prerequisites:** None, other than basic computer applications experience and a desire to learn. Through lecture and handson exercises, the student will learn the fundamentals in both IBM and Macintosh platforms. Areas which will be covered include: Basics of computer hardware, what they do and how they function; disk and disk drive preparation for file management; the different categories of software applications; terminology and mouse skills. Examples will include learning to interpret computer advertising and jargon, creating directories and folders, saving files to a disk and across a network, and copying and pasting between different document types.

#### HANDS-ON INTERNET: CLIENTS ONLY March 5 or March 8

**Prerequisites:** Access to Internet clients such as WinGopher, MacGopher, Fetch or WinFTP, Netscape, etc. A MIZZOU1 or SHOWME account is not required. Please bring a formatted 3.5" diskette to class. This hands-on course is for individuals who do not have a MIZZOU1 or SHOWME account. This course is ideal for cc: Mail users who have access to Internet client software (Turbogopher or Windows Gopher, Fetch or Windows FTP, Netscape, Telnet). Participants will explore the Internet by using the programs distributed by Campus Computing in the SLIP software packages. Most of the class time will be spent navigating the Internet using Gopher and searching the World Wide Web with Netscape. File Transfer Protocol will be discussed in relation to downloading files using Fetch and Windows FTP. Configuring client software for individual preferences will also be covered.

#### INTRODUCTION TO MICROSOFT WORD 6.0 MARCH 5 OR MARCH 8 OR MARCH 13

Prerequisites: Foundations of Computers course or knowledge of file management with Macintosh or Windows, and mouse skills. Participants will learn basic functions such as creating, saving, renaming and relocating documents, entering and editing text (cut, copy and paste), formatting text (margins, tabs, line spacing, and page breaks), choosing font options, and creating headers and footers. Other topics covered include the spell-check feature, and finding and changing text. This course is appropriate for users new to Microsoft Word or word processing in general.

#### CREATING FORMS ON THE WEB USING PERL MARCH 7

Prerequisites: Introduction to Data Manipulation with Perl and Introduction to Web Page Authoring. Electronic forms on the World Wide Web present and process data by means of programs that can be written in almost any computer language. Perl is the language of choice for this purpose. This course explains the concepts of WWW electronic forms and demonstrates some typical Perl tech-

#### FOCUS ON FACULTY PHOTOSHOP BASICS (2 PARTS) Part I-March 8 PART II-MARCH 22

Prerequisites: Knowledge of file management and mouse skills with the Macintosh. Learn the basics of this sophisticated photo editing tool, including how to prepare images for electronic presentations. Participants will use several editing tools to modify a digital image and then save the modified image to a floppy disk in two or three different file formats. Participants should bring a floppy disk containing a prescanned image to class.

#### Introduction to SAS (5 PARTS) March 18-22

Prerequisites: Introduction to Unix/basic Unix knowledge or Introduction to CMS/basic CMS knowledge. This is a five-part series on SAS, an integrated system of programs for the analysis of data. DATA STEP and the PROC STEP will be introduced. Participants will also learn the basics of SAS such as creating and executing a simple program, and debugging the program, as well as some common data manipulation techniques.

# OPEN HOUSE!

WHEN: March 6th, 1996, 2:00-3:30pm.

WHERE: Room 23 Heinkel Building.

WHY: To show off our new Helpdesk and Faculty Digital Media Center

How: Just come on by!

#### Feb. 29, 1996

#### Benefits

From page1.

competitive market position by offering benefit programs valued at least at the average of the comparator group for plans as a whole.'

The Hewitt study used a rating system of 100 points as the mean for peer institutions. UM posted a score of 96.8 for its overall benefits package. The University ranked near the top in several categories — third out of 14 in composite medical benefits including HMOs, second in comprehensive death benefits and first in postretirement death benefits.

#### The committee made the following recommendations in its report:

#### **Retirement Benefits**

The committee report analyzes the University's retirement plan and notes that UM's retirement plan is the only one of the 13 peer institutions studied that is a "defined benefit plan" which focuses on producing a benefit at retirement. The others are "defined contribution plans," which accumulate assets during an individual's entire career. The benefit accrual rate in those plans is greater in the earlier years than UM's defined benefit plan.

The report also points out that while "UM's plan lags behind the comparator group during the accumulation period, it is competitive or approaching competitiveness commencing at age 55.

#### Early Retirement

The University normal retirement plan begins when an employee reaches age 65. Early retirement can begin at age 55, and for every year of early retirement before age 65 there is a penalty of 3.33 percent in pension benefits. The committee recommends reducing that penalty to 2.5 percent for employees with at least 25 years of service.

Using the proposed formula, employees who retire at age 55 would see a 25 percent reduction in their pensions, rather than a 33.3 percent reduction. The proposed change has an estimated annual cost of \$1.2 million systemwide.

Currently, an employee qualifies for early retirement at age 55 with 10 years of service, or at age 60 with five years of service. The task force recommends eliminating the early retirement provision at age 60 with five years of service, for an annual savings of \$65,000

#### Portability of Retirement Benefits

Currently, employees who are vested in the retirement plan but leave the University before they are eligible for early retirement are not able to transfer their accrued benefit to another plan unless the total amount is less than \$20,000.

The committee recommends two options for faculty and staff who terminate their employment before retirement age. They could continue to retain a deferred vested status in the plan, or receive a lump-sum payment that would be distributed to another qualified retirement plan.

The committee also recommends greater portability at retirement, with employees eligible to receive a lump-sum payment up to 30 percent of the present value of future retirement benefits. Future benefits would then be reduced proportionately.

#### **Equity Issues**

For employees who retired before Sept. 1, 1990, benefit payments to the surviving spouse of a retiree ended when the surviving spouse remarried. The committee recommends that benefits be reinstated for this group of surviving spouses at the same amount that was paid before remarriage.

Currently, the pension plan provides a pre-retirement death benefit of two times annual salary. Any accrued benefit in excess of that amount was paid to survivors in the form of an annuity. An inequity exists between married and unmarried employees since the excess valuation provision does not apply to unmarried employees. The committee recommended that benefit be paid not only to surviving spouses, but to any named beneficiary.

#### **Educational Assistance**

Currently, the UM System pays 75 percent of tuition and fees when employees take courses at the University. The committee suggested that employees with five years of continuous service be allowed to transfer that benefit to their spouses and dependents, up to 15 credit hours a year. The estimated systemwide cost is \$250,000 a semester, or between \$500,000 and \$600,000 a year.

The committee debated the equity of providing a benefit that would not be available to all employees. The report notes, however, that "a similar argument can be made that a majority of employees, during a lifetime, would benefit from such a program." A consultant's study found that five of 13 peer institutions offer some form of educational assistance for family members, although the level of that benefit varies greatly between

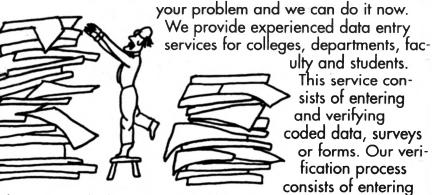
#### "Affinity" Programs

The committee also explored whether the University should use its purchasing clout to provide discounts for other employee-paid benefits. The group determined that some affinity programs, such as offering property and casualty insurance, would create administrative expense and cause some disruption in community relations.

However, it recommended that the University explore "an affinity relationship with a vision-care company and negotiate the best discount arrangement available for eye examinations and purchase of corrective lenses.'

Is this how you feel?

Do you have data to analyze, manipulate or research, but it is not in machine-readable form? The B&PA Research Center can solve



the data twice which results in 100% accuracy. Also, the Center can transfer your entered data to various forms of media, such as magnetic tape or cartridge, floppy disk or mainframe. The data can then be used in various software packages like Wordperfect, Lotus, Excel, SAS and others.

For a free estimate, call Pat at (573) 884-6526.

#### **Acute Stroke Treatment**

The University of Missouri School of Medicine, Division of Neurology, is conducting a study of new investigational medication for acute stroke treatment.

Qualifying participants need to meet the following

- Enrollment in the study must occur within six hours of stroke onset
- Minimum age 18 years
- Individuals must have been ambulatory and functionally indedpendent just prior to stroke onset

If you or someone you know is interested in participating, or would like more information, please call (573) 882-8040.

#### **Parking** & Transportation Services

**Turner Avenue Garage** Level 2 882-4568

Please call our office at 882-4568 to tell us about your "favorite pothole." We're making a list in preparation for summer repair. We will be happy to contact the drivers of vehicles when headlights are on. Notify us of the permit number displayed so we may respond quickly.

# CALENDAR

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

#### Concerts & Plays

Thursday, Feb. 29

FINE ARTS SERIES: The Department of Theatre will present *Equus* at 8 p.m. in Rhynsburger Theatre. Cost: \$7 general, \$5 student, \$6 faculty/staff/ senior citizen. For more information, call 882-PLAY.

Friday, March 1

FINE ARTS SERIES: See Feb. 29 listing STUDENT ENSEMBLE SERIES: Dale

Lonis and Fred Hemke will conduct the Symphonic Wind Ensemble and the Jazz Ensemble at 8 p.m. in the Missouri Theatre. For ticket information, call 882-2604.

**UNIVERSITY CONCERT SERIES:** 

Orpheus Chamber Orchestra will perform at 8 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

Saturday, March 2

ENSEMBLE FESTIVAL: All Juniors Honor Band will perform at 2 p.m. in the Missouri Theatre. For ticket information, call 882-2604.

FINE ARTS SERIES: See Feb. 29 listing.

Sunday, March 3

CHORAL EXTRAVAGANZA: "A Cavalcade of Choirs" will perform works by various composers at 8 p.m. in the First Baptist Church, 1112 E. Broadway.

FACULTY RECITAL SERIES: Sue Stubbs,

double bass, will perform at 7 p.m. in the Whitmore Recital Hall.

FINE ARTS SERIES: See Feb. 29 listing. STUDENT RECITAL SERIES: Steve Wills, trombone, will perform at 2 p.m. in the Whitmore Recital Hall.

• Catina Wise, flute, will perform at 3:30 p.m. in the Whitmore Recital Hall.

Tuesday, March 5

FACULTY RECITAL SERIES: The Missouri
Quintet, a faculty woodwind ensemble, will
be featured at 8 p.m. in the Whitmore
Recital Hall.

Wednesday, March 6

UNIVERSITY CONCERT SERIES: New York City Opera National Company will perform Verdi's *La Traviata* at 8 p.m. in Jesse Auditorium. For ticket information, call 882-3781.

Thursday, March 7

STUDENT RECITAL SERIES: The Concert Band and the Jazz Band II will perform at 8 p.m. in Stotler Lounge at Memorial Union.

#### Courses

Monday, March 4

CHILDBIRTH CLASSES: "Beginning Childbirth" will be offered from 7-9 p.m. March 4 through April 22, in the Ellis Fischel Cancer Center. Cost is \$45. To register, call 882-6973.

• "Fit for Two" will be offered on Mondays and Wednesdays in March from 7-8 p.m. in the Health Connection at Parkade Center. Cost is \$30 for 15 classes. For more information or to register, call 882-1718.

Wednesday, March 6

CHILDBIRTH CLASSES: "What to Know Before You Grow" will be offered from 7-9 p.m. at Ellis Fischel Cancer Center. Cost is \$20. For more information or to register, call 882-6973.

NEW EMPLOYEE ORIENTATION: Course will offered from 8:30 a.m.noon in the Tiger Lounge at Reynolds Alumni Center. The course is open to all new benefit-eligible employees.

Thursday, March 7

CHILDBIRTH CLASSES: "Refresher Childbirth" will be offered from 7-9 p.m. on Thursdays, March 7, 14, 21 and 28 at Ellis Fischel Cancer Center. Cost is \$30. To register, call 882-6973.

#### **Exhibits**

BINGHAM GALLERY, located in the Fine Arts Building, is open from 10 a.m.-4 p.m. weekdays.

 The Annual Faculty Exhibition will be on display through March 1.

 The Graduating Seniors Exhibition will be on display March 4-29.

BRADY COMMONS GALLERY, The gallery, located in 203 Brady Commons, is open from 10 a.m.-5 p.m. weekdays.

 Paintings and drawings by Jeremy Candler will be on display through March 7.

JESSE AUDITORIUM LOBBY:

 "Lifting As We Climb: Missouri's Black Women—Yesterday, Today and Tomorrow' will be on display through Feb. 29.

 "'Old Times There Are Not Forgotten:' The Effects of Class and Race on Southern Women" will be on display March 1-29. **MUSEUM OF ANTHROPOLOGY,** located

MUSEUM OF ANTHROPOLOGY, located in Swallow Hall, is open from 9 a.m.-4 p.m. weekdays.

MUSEUM OF ART & ARCHAEOLOGY, located in Pickard Hall, is open from 9 a.m.-5 p.m. Tuesday through Friday, 6-9 p.m. Thursday and noon-5 p.m. Saturday and Sunday.

Ongoing exhibits:

· "Aspects of Antiquity"

- "Expressions of Africa: Selections from the Permanent Collection"
- "Isms and Others in the Twentieth Century III"
- "The Education of a Beaux-Arts Architect: Student Drawings of E.J. Eckel" will be on display through May 19.

• "Songs of My People: A Selection" will be on display through May 19.

 "Echoes of Ancient America: Art from Lost Civilizations of the New World" will be on display through Sept. 15.
 ROGERS GALLERY: The gallery, located in

ROGERS GALLERY: The gallery, located in 148 Stanley Hall, is open from 8 a.m.-4 p.m, weekdays.

STATE HISTORICAL SOCIETY

GALLERY is open from 8:30 a.m.-4 p.m. weekdays. The corridors are open from 8 , a.m.-4:30 p.m. weekdays and 9 a.m.-4:30 p.m. Saturday.

 "Kurz and Allison Civil War Battle Scenes" will be on display in the gallery through May 15.

 "Songs of My People, Selections" will be on display in the North-South Corridor through May 31.

 "Decades: Editorial Cartoons from 1866 to 1966" is a continuing exhibit in the East-West Corridor.

#### **Films**

Friday, March 1
MSA/GPC FILM: Exotica will be shown at 7



#### Women's History Month Activities

Women's History Month kick-off lecture, "See History in a New Way," will be presented by Mary Neth, assistant professor of history, University of Missouri-Columbia, on March 1 at 7 p.m. in Pickard Room 106. A reception follows in the Cast Gallery.

Andrea Press, research associate professor of communications at the University of Illionois at Urbana/Champaign, and the author of Women Watching Television: Gender, Class and Generation in the American Television Experience will present "Speaking of Abortion: Television, Women's Talk, and the Political Culture of Abortion," on March 6 at 4:30 p.m. in Hulston Hall Room 5. Reception follows.

"The Women in Me," a performance by Gladys Coggswell, a master story-teller for the Traditional Arts Apprenticeship Program, will be at 4 p.m. March 20 in 106 Pickard Hall. A reception follows in the Cast Gallery.

A lecture on "Germany Today–With a View Toward Tomorrow," will be given by Gabriele von Malsen-Tilborch, consul general for the Federal Republic of Germany, at 3:40 p.m. March 21 in Ellis Auditorium. A reception will begin at 4:50 p.m. in Room 23 Ellis Library.

"The Role of Carnivores in the Genesis of War: A New Evolutionary Perspective," will be presented by Barbara Ehrenreich, at 8 p.m. March 25 in Keller Auditorium. Ehrenreich is author of The Worst Years of Our Lives: Irreverent Notes from a Decade of Greed; Re-Making Love; The Feminization of Sex; The Hearts of Men: American Dreams and The Flight From Commitment; and For Her Own Good: 150 Years of the Experts' Advice to Women.

Mary Neth, assistant professor of history, and Ann Kilkelly, director of women's studies and an associate professor of theater arts at Virginia Tech, will co-pre-

sent "Footnotes" at 7 p.m. March 26 in 210 General Classroom Building. The performance looks at the historical roots of tap dance and analyzes race and gender in its performance.

"Cultural Studies Meets Hillary Rodham Clinton," will be presented from 5:30 to 6:30 p.m. March 28 in 106 Pickard Hall. Mary Ellen Brown, assistant professor of communication and women studies, and Darlaine Gardetto, assistant professor of sociology and women studies, will introduce cultural studies as a fruitful approach for feminist researchers seeking to understand news images and their reception. The two will present their own research on print and television news coverage of Hillary Rodham Clinton.

"Women, Culture and Spirituality: A Cross-Cultural, Gynocentric Approach to Women's Roles in Society," will be presented by Bella Zweig at 5:30 p.m. April 1 in 106 Pickard Hall. A reception precedes the lecture at 5 p.m. Zweig is senior lecturer in humanities and an adjunct faculty member in the classics department at the University of Arizona.

#### **Exhibits**

"A Celebration of Women in History: Past and Present" will be on display in the first floor colonnade of Ellis Library from March 6 through 30. The exhibit focuses on women in the South, women in the Civil War and body image. A program and reception will be held March 19. The program begins at 3 p.m. and the reception follows at 4 p.m. in the library's west entrance lobby.

"Women's History Month Art Show," March 18 through 28 in Brady Commons. A reception will be held March 21 from 4:30 to 6:30 p.m.

"Old Times There Are Not Forgotten:' The Effects of Class and Race on Southern Women" will be on display March 1 through 29 in Jesse Auditorium Lobby.

Women's History Month is co-sponsored by Women Studies, the Women's History Month Committee, Vice Provost for Minority Affairs and Faculty Development, and the Museum of Art and Archaeology.

and 9:30 p.m. in Ellis Auditorium. Cost: \$2 advance, \$2.50 at door.

Saturday, March 2 MSA/GPC FILM: See March 1 listing.

Monday, March 4

MSA/GPC FILM: The Funeral will be shown at 7 and 9:30 p.m. in Ellis Auditorium. Cost: \$1.50

#### Lectures & Seminars

Thursday, Feb. 29

CHEMICAL ENGINEERING SEMINAR:

Surajit Fuangfoo, doctoral candidate in chemical engineering, will present "FTIR Studies of Partial Oxidation of Methane" at 3:40 p.m. in Room W0010 Engineering Building East.
WOMEN'S CENTER EVENT: Molly

Marshall, visiting professor of theology, will present "Button Making Bonanza" at 4 p.m. in 229 Brady Commons.

Friday, March 1

CHEMISTRY COLLOQUIUM: Erick Carreira, from the California Institute of Technology, will present "Catalytic Enantioselective Aldol Reactions" at 3:40 p.m. in 103 Schlundt Hall.

ECONOMICS SEMINAR: Elizabeth Dunn, assistant professor of agricultural economics, will present "Fuzzy Multiple Attribute Decision-Making" at 3:45 p.m. in Room 310 Middlebush.

ENTOMOLOGY SEMINAR: James Grasela, graduate student, will present "Ant-Fly Interactions: Leafcutter Ants vs. Phorid Parasites" at 2:40 p.m. in Room 2-7 Agriculture Building.
GEOLOGICAL SCIENCES
COLLOQUIUM: Anita Grunder from

Oregan State University will present "Tertiary Volcanism in the Basin and Range Province" at 3:40 p.m. in 108 Geological

Sciences Building.

Monday, March 4 SOIL AND WATER RESOURCES

SEMINAR: Joseph Dunn from the Food Co. of San Diego, Calif., will present "Use of Pulsed Light for Water Treatment" at 3:40 p.m. in 133 Mumford Hall.

Tuesday, March 5

WOMEN'S CENTER EVENT: Dianne Ayotte, manuscript specialist at the Western Historical Manuscripts Collection, will

present 'Through These Doors: MU Women Who Have Made Their Mark" at 4 p.m. in 229 Brady Commons.

Wednesday, March 6 ENVIRONMENTAL ISSUES SEMINAR:

Loretta Hoover, professor of food science and nutrition, will present "Food and the Environment: Diet and Population" at 11:40 p.m. in S204 Memorial Union.

**GEOLOGICAL SCIENCES** 

COLLOQUIUM: Kirk Nordstorm, Birdsall-Dreiss lecturer, will present "Negative PH, Ultra-acidic Mine Waters, and the Challenge of Environmental Restoration at the Iron Mountain Superfund Anomaly" at 3:40 p.m. in 108 Geological Sciences Building.

Thursday, March 7 CHEMICAL ENGINEERING SEMINAR:

Chris Roberts, professor of chemical engineering at Auburn University, will present "Time Resolved Spectroscopic Investigations of Reactions in Molecular Structure in Supercritical Fluids" at 3:40 p.m. in Room W0010 Engineering Building

PSYCHOLOGY LECTURE: Monica Fabiani from the Columbia University School of Medicine, will present "Aging, Memory and Frontal Lobe Function" at 3:40 p.m. in 313 Psychology Building.
WOMEN'S CENTER EVENT: "On Being In

America: Experiences Of International Women" panel discussion will be held at 4 p.m. in 229 Brady Commons.

#### Meetings

Thursday, March 7 FACULTY COUNCIL: Will meet at 3:40

p.m. in S110 Memorial Union.

TOASTMASTERS: Will meet from noon-1 p.m. in Room 1W19 University Hospital. For information, call Vickie Stokes at 882-

#### Special Events

Friday, March 1 ENGINEERING HONOR AWARDS: Event

will be held at 6 p.m. in the Reynolds Alumni Center. For ticket information, call 882-0197.

Monday, March 4

MOLECULAR BIOLOGY WEEK: A series of seminars, open houses, workshops and a poster session will highlight MU's molecular biology program through March 8. A complete listing of events is available on the program's web site at http://www.missouri.edu/~molec

Tuesday, March 5

CHOLESTEROL SCREENING: Screenings will be taken from 8 a.m.-noon and from 3-5:30 p.m. at the Health Information Center in Columbia Mall. To make an appointment,

SAFE SPRING BREAK FAIR: Event will feature a variety of activities to promote safety over spring break from 10 a.m. to 3 p.m. in the basement of Brady Commons.

ADA WORKSHOP: Several speakers will provide an update on trends in disability law and the rights of persons with disabilities from 1:45 to 4 p.m. in the Reynolds Alumni

Center. For more information, call Lee Henson at 882-4859.

#### Sports

Friday, March 1
WOMEN'S GYMNASTICS: Tigers will host Oklahoma at 7:30 p.m. in the Hearnes

Sunday, March 3

MEN'S BASKETBALL: Tigers will play Oklahoma State at 11 a.m. in the Hearnes

Friday, March 8

MEN'S BASKETBALL: Tigers will play March 8-10, in the Phillips 66 Big Eight Tournament in Kansas City.

#### LASSIFIEDS

COMPUTER TAX PREPARATION. Your taxes prepared professionally using laser forms. Over 11 years' experience. Electronic filing available. Reasonable rates, confidentiality assured. Call Kellogg Business Services at 445-7557

PhD in English with 20 years' college teaching, experience in editing, will edit books, proposals, dissertations, articles, major papers or presentations. Telephone (573) 445-6690 between 11 a.m. and 3 p.m., M,W,F.

TAX RETURN PREPARATION. Federal, state, multistate. Clients in 26 states and overseas; 26 years' experience with higher education returns. Call 445-6530 for confidential appointment. New clients: First hour free with this ad.

#### **FOR SALE**

Four-bedroom, three-bath walk-out ranch in southwest. Great for large or multi-family. Good storage. Utilities main level. New in 1991. Asking \$127,500. Call Scott at 446-6526.

#### FOR RENT

Great two-bedroom, two-bath apartment located one mile from MU. Washer-dryer hookups, central air, garbage disposal. Quiet location. No pets. \$400. Call 445-4116.

#### WANTED

Drummer: for band of forty-something musicians doing blues, country, rock, some originals. A little money, lots of fun. Call 445-6847.

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:

March 1 deadline for March 7 issue March 8 deadline for March 14 issue March 15 deadline for March 21 issue

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

Party Around the



Friday, March 1 Memorial Union in Stotler Lounge at 9 p.m.

Free and Open to All!!

Sponsored by the International Students Office.

If you have any questions, stop by 208 Lowry Hall or call 884-6481.



Tutor Samuel Barakat has a knack for making students understand basic chemistry.

Nancy O'Connor photo

# Making the grade

amuel Barakat isn't exactly a celebrity, but students have been known to stop him when they see him on campus. "They thank me for making a difference in their grades," he says.

Over the past four years, Barakat has tutored hundreds of students taking Chemistry 31, the first course in general

chemistry at Mizzou. And he's obviously very good at what he does. Barakat was one of five tutors awarded the Excellence in Teaching Award earlier this month from the Learning Center. But that doesn't tell the whole story — Barakat has won the award three times in the past four years.

"He's the best tutor I've seen in 18 years at MU," says Drew Love, science coordinator for the Learning Center. "People really like to learn from Sam."

The first-year chemistry graduate student doesn't have a secret for

his success. "I just do my thing and people say, 'Now, I understand, it,'" Barakat says. "I make analogies between real life and chemistry, and a little bit of humor makes all the difference, too."

The Learning Center has nearly 150 tutors who help more than 7,000 students a year move through such subjects as math, English and science. A recent study by the center showed that students' failure rates are cut in half when they attend tutoring sessions.

Attendance at the sessions is strictly voluntary. When Barakat first started tutoring, only a handful of students attended the sessions. Now, more than 100 attend his test reviews, and that's just fine with Barakat. "The bigger the crowd, the more fun it is for me," he says.

Barakat was selected as a tutor in his second year at MU, one of only a handful of sophomores who made the grade. By the next semester he was a teaching assistant in Chem 31. This semester, he's a teaching assistant in the physical chemistry laboratory course.

His excellent grades and numerous awards and scholarships prove his talent for chemistry. Barakat received his bachelor's degree summa cum laude from MU last May. He's not sure at this point whether he wants to make teaching or research his career.

One thing is certain, Love says. "I think he's destined to be known on whatever campus he's on."

### LAB EXHIBITS '96

You've heard about the past at the College of Engineering.

#### Now come see the future.

MU's College of Engineering has a colorful history. But we're also excited about our present and our future, primarily in research projects such as our solar car, capsule pipeline and manufacturing laboratory. During Lab Exhibits '96, scheduled this Saturday as part of Engineers Week, you'll have the chance to see those innovations, and others, in action.

We believe engineers have the power to make life better for Missourians, and at MU we're playing our part.

Time: 10 a.m. - 2 p.m.

Date: March 2, 1996

Place: MU College of Engineering Engineering Buildings East and West Sixth Street & Stewart Road



The College of Engineering at the University of Missouri-Columbia

# Call for Entries for Staff Recognition Week '96

### Variety Show

Noon, Thursday, April 18
Arts & Science Building
(Allen Auditorium)
Come Join the fun by
displaying
your talents at the Staff
Variety Show.
Musicians, dancers and
entertainers
of all kinds are needed.

For more information contact Gail Lawrence 882-4731

I would like to participate
in the Variety Show
Name
Department
Day Phone
Return this to Gail Lawrence, 107 Swallow Hall by FRIDAY, APRIL 1
107 Swallow Hall by Habiti, 18 the

Models are needed for the

#### Staff Fashion Show

Noon, Tuesday, April 16 Memorial Union-South (Jesse Wrench Auditorium)

We are looking for 20 staff, both male and female, to model a variety of clothing Entry deadline is March 15.

> For more information contact Karen Smith 884-8032

in the Fashion Show
Name
Department
Day Phone
Return this to Karen Smith,



Publications and Alumni Communication 407 Reynolds Alumni and Visitor Center Columbia, MO 65211 University Libraries
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#### Digitization Information Page

Local identifier MizzouWeekly(print)

Source information

Format Newspaper

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Notes

Capture information

Date captured July-December, 2022 Scanner manufacturer Plustek OpticBook

Scanner model A300 Plus
Scanning system software Book Pavilion
Optical resolution 600 dpi

Color settings 8 bit grayscale for majority of pages;

24 bit color for color illustrations/portraits/photographs

File types tiff

Notes

Derivatives - Access copy

Compression Tiff: LZW compression
Editing software Adobe Photoshop 2022

Resolution 600 dpi

Color same as captured
File types pdf created from tiffs

Notes Images cropped, straightened, and brightened.