

Former UMC employee appointed new curator

The University of Missouri's newest curator is a former UMC student and employee, Charles E. Kruse, a Dexter, Mo., farmer.

Kruse, 38, was appointed by Gov. Christopher Bond Aug. 18 and will participate in his first UM system Board of Curators meeting Sept. 8 and 9 in Columbia. He replaces Kenneth Heath, an East Prairie, Mo., grain and livestock farmer who was killed in a farm accident July 18.

Kruse's appointment to the nine-member board is pending Senate approval, as is the appointment in July of Springfield engineer James S. Anderson. If approved, Kruse will serve until Jan. 1, 1989, and Anderson will serve until Jan. 1, 1987.

"I'm really excited about returning to the University in this capacity," Kruse said last week. "I would hope in some small way I could contribute to the University of Missouri. I have a little background to draw on, having been a University employee, so I hope that helps. It can't hurt."

Kruse received his master of science degree in agronomy from UMC in 1973 while employed as an agronomist at the Delta Research Center in Portageville. He was employed at the Delta center from 1970 until 1975, when he began farming full time.

A 1967 agronomy graduate of Arkansas State, Kruse taught science and coached

football at Malden, Mo., High School from 1968 to 1970.

He has been a member of the National Guard since 1966. Kruse and his wife, Pamela, have two sons, Scott, 12, and Ben, 7.

St. Louis group to honor curator

Curator Marian Oldham of St. Louis, a member of the UM system board since 1977, is one of three St. Louis area residents selected to receive Brotherhood/Sisterhood awards from the National Conference of Christians and Jews.

Mrs. Oldham and the others will receive awards Sept. 20 for their efforts to improve the quality of life in the St. Louis area by promoting cooperation among religious, racial and economic groups.

Mrs. Oldham will be recognized for her contributions to volunteer civic endeavors, including service on the executive committee of the United Way and membership on the boards of directors for the Greater St. Louis Girl Scouts Council and the YWCA of Metropolitan St. Louis. She has also served as a board member for several other civic organizations.

Planning committee sets session

The UM Board of Curators' Long Range Planning Steering Committee will meet Sept. 13 and 14 in Columbia to determine key issues to be addressed in the planning process.

Robert Shirley, the committee's consultant, will give a presentation on the concept of strategic planning. Shirley, chairman of the Department of Business Administration at Trinity University in San Antonio, has been a planning consultant to more than 25 academic institutions.

Also on the agenda for the Sept. 13-14 meeting is development of a specific process and timetable for the committee's planning activities.

Prior to the Sept. 13-14 meeting, individual members of the steering committee and of liaison committees from the campuses and extension will submit suggestions for critical issues to be addressed.

The steering committee will focus on defining the mission, goals and priorities of the University, taking into account relevant external and internal forces. The committee, made up of three curators, the president, the two vice presidents, the four chancellors and four faculty members, hopes to make its final recommendations to the Board of Curators in February.

Tentative meeting dates for the remainder of the 1983-84 year, according to Doug Russell, committee chairman, and Richard L. Wallace, staff associate for long-range planning, are Oct. 12-13, Nov. 10-12, Dec. 7-8, Jan. 15-17 and Feb. 8-9. If additional meetings are needed, they will be held March 21-22, April 19 and May 2-3.

Benefits meetings scheduled

Meetings are scheduled on UM's four campuses to discuss changes in staff benefit plans approved recently by the UM system Board of Curators. Employees interested in learning more about the changes are urged to attend one of the meetings.

At its July 22 meeting, the board gave approval to several changes in the medical benefits plan. The changes include adjustments to the current rate schedule, cost containment features and a new \$500 deductible option. Most of the changes are effective Oct. 1. Effective Jan. 1, employees will be given an opportunity to choose an optional \$500 deductible plan with a different rate structure.

Dates, times and locations of the meetings:

UMKC

Sept. 8—9 to 10 a.m., Westport Room, University Center
11 a.m. to noon, Westport Room, University Center
1:30 to 2:30 p.m., Westport Room, University Center
5 to 6 p.m., Westport Room, University Center
10:30 to 11:30 p.m., Room 209, Dental School
Sept. 9—10:30 to 11:30 a.m., Room M5-CO5, Medical School
Noon to 1 p.m., Room 202, Dental School

UMSL

Sept. 12—10 to 11 a.m., J.C. Penney Building Auditorium
3 to 4 p.m., J.C. Penney Building Auditorium
10:30 to 11:30 p.m., J.C. Penney Building Auditorium

UMC, UMea, RETIRED

Sept. 13—10:30 to 11:30 a.m., Memorial Union Auditorium
3 to 4 p.m., Memorial Union Auditorium
Sept. 26—8 to 9 a.m., Campus Facilities Garage
Sept. 27—10:30 to 11:30 a.m., Memorial Union Auditorium
1:30 to 2:30 p.m., Memorial Union Auditorium
3:30 to 4:30 p.m., Memorial Union Auditorium

UMC, HEALTH SCIENCES CENTER

Sept. 16—6:30 to 7:30 a.m., Medical School Auditorium
1:30 to 2:30 p.m., Medical School Auditorium
7 to 8 p.m., Medical School Auditorium

UMR

Sept. 20—10 to 11 a.m., Continental Hall
1 to 2 p.m., Continental Hall
3 to 4 p.m., Continental Hall

New medical claims process goes into effect next month

An Oct. 1 change in the medical claims process, in which medical claims will be filed directly with the Provident Life Insurance Co. claims office in St. Louis, will speed employee reimbursement for medical costs.

The new procedure, similar to the direct claims filing procedure of the UM dental plans, will eliminate several steps in the current process.

The computerized system in Provident's St. Louis office is connected to the main terminal in the Chattanooga home office. Claims will be received and recorded on a daily basis and processed by an adjuster. Each evening, the main computer will produce a reimbursement check to be mailed the next morning from Chattanooga.

Another benefit of the change will be direct access via a toll-free telephone number to the St. Louis claims office. Employees having questions not answered in the explanation of a claim payment can contact adjusters in the St. Louis office to discuss details of the claim.

The staff benefit office on each campus will also continue to offer assistance on an individual basis.

Employees should follow these steps in filing a claim:

— Obtain a new claim form from the staff benefit office.

— Have the attending physician's office complete the physician statement on the form. Many offices will have their own forms, which are also acceptable.

— Attach itemized bills for services provided by physicians, labs, radiologists, anesthesiologists or other health professionals, bills for prescription drugs or X-rays and other medical bills and send them directly to the address indicated on the claims form.

— If a hospitalization is involved, the hospital's itemized statements should also be sent directly to the St. Louis claims office.

Missouri revenue records increase

Missouri's revenue receipts for Fiscal Year 1983 reflect an 8 percent increase over the previous year's receipts, thanks to tax increases and accelerated efforts in collecting taxes owed the state.

Collections of state sales taxes, individual income taxes and corporate income taxes totaled \$2.22 billion. Fiscal Year 1982's total collections were \$2.05 billion.

Higher individual income taxes and a modest sales tax increase accounted for most of the growth in revenue. Income tax collections totaled \$986.9 million, a 13.2 percent increase over 1982. Sales tax receipts increased by 3.4 percent, to \$783.3 million.

Corporate income tax collections remained nearly constant, increasing by only \$400,000 from Fiscal Year 1982's \$129.6 million.

CENTRAL ADMINISTRATION
WILLIAMSEN, CLARA A
726 LEWIS HALL



Appointments

Kathleen B. Goldblatt, dean of the UMKC nursing school, has been appointed to serve on the committee on education of the Nurses Association of the American College of Obstetricians and Gynecologists for 1983.

Frederick J. Raitel, head of the access services division at UMC's Ellis Library, has been appointed to a three-year term as chairman of the statewide Automation Technology Committee of the Missouri Libraries Network Board. The committee informs and makes recommendations to the state board on the development of automation projects in Missouri's libraries.

Wayne L. Lucas UMKC associate professor of administration of justice, has been appointed to a task force assigned to develop proposals for implementing the Missouri Community Sentence Act, approved recently for establishing community corrections programs.

Elections

Charles Middleton, UMC professor of pathology and director of the Sinclair Comparative Medicine Research Farm, was recently installed as president-elect of the American College of Laboratory Animal Medicine. The college is a specialty board recognized by the American Veterinary Medical Association. Certification as a Diplomate is achieved by demonstrated competence in laboratory animal medicine and successful completion of experience requirements and a comprehensive examination.

Delores Johnson, visiting instructor in social work at UMSL, is one of four delegates elected to attend the National Association of Social Workers annual delegate assembly in Washington, D.C., in September 1984.

Bernard Lubin, professor of psychology at UMKC, has been elected to a two-year term as a member-at-large of the Executive Board of the Division of Consulting Psychology of the American Psychological Association.

Allen W. Hatheway, UMR professor of geological engineering, has been elected to membership on the U.S. National Committee on Tunneling Technology. The committee is part of the National Academy of Science and the National Academy of Engineering under the National Research Council. He was elected to a three-year term.

Judy Pallardy, science librarian at UMC's Ellis Library, has been elected president of the Mid-Missouri Chapter of the Special Libraries Association.

Awards & Honors

Delbert Day, UMR Curators' Professor of ceramic engineering, served as co-director of a "Conference on the Preparation, Properties and Structure of Special Glasses" held at the Technical University of Clausthal, Clausthal-Zellerfeld, Federal Republic of Germany. The conference brought together an international group of scientists to describe and discuss current concepts and experimentation advances in glass science.

UMR's participation was a continuing education activity of UMR's School of Mines and Metallurgy. Professor G. H. Frischat of the Technical University of Clausthal was the other director of the conference which was sponsored by both universities.

Research by **Richard Schwartz**, UMSL associate professor in physics, investigating Herbig-Haro objects was cited in an article entitled "The Once and Future Universe" in the June issue of *National Geographic*.

A. Nancy Avakian, UMSL assistant vice chancellor for academic affairs, was one of 100 citizens chosen nationwide to attend the National Security Seminar held recently at the U.S. Army War College.

Ronald Howell, UMR professor of mechanical engineering, is the recipient of a distinguished service award from the American Society of Heating, Refrigerating and Air-Conditioning Engineers. The award honors members of the international organization who have made significant contributions at the national level.

Araminta Smith, UMC associate professor of social work, has been selected by the president of the National Council of Negro Women as one of 200 women from throughout the United States to be invited to a briefing at the White House with President Reagan. The purpose of the briefing is to share with the President the status and concerns of minority women throughout the country.

James M. Zahnd, director of UMKC Office of University Communications, recently received accreditation by the Public Relations Society of America. Accreditation is the voluntary certification program of the society for all members with at least five years professional experience whose competence and knowledge of public relations are tested in written and oral examinations.

Edward S. Bennett, UMSL assistant professor of optometry, has been named runner-up and co-winner of the best original, non-technical article award in the Optometric Editors Association Journalism Awards Contest for 1982.

Kitty Dickerson, UMC chairman of the clothing and textiles department in the College of Home Economics, was recently recognized at the kickoff of a national campaign launched in Washington, D.C., by the U.S. textile and apparel industry. Dickerson's research, published last year, showed that the majority of American consumers would prefer to "buy American" when choosing their clothing. Her findings sparked the national labeling and promotional effort on behalf of domestic textiles and clothing.

Daniel Sullivan, assistant to the president for development, has received accreditation as a Certified Fund Raising Executive by the National Society of Fund Raising Executives.

Roger C. Hanson, UMC associate professor of agronomy, presented an invited paper during the summer meetings of the American Society of Agriculture Engineers.

W. Richard Nelson, UMC assistant professor of journalism, was invited to serve as a news production consultant to Television Broadcast Ltd. in Hong Kong. Through Sept., Nelson, who is on a leave of absence from his position as news director of KOMU-TV in Columbia, will advise the Hong Kong station personnel on production of newscasts and individual stories for both Chinese and English-language operations.

For the second straight year, the UMC Sports Information Office has received seven awards for excellence in the brochure contests conducted by the College Sports Information Director of America.

Six of the awards were won solely, or in part, by assistant sports information director **Bob Brendel**. The seventh award was won by assistant sports information director **Dru Ann Hancock**.

Anton Novacky, UMC plant pathologist, has received a prestigious Senior U.S. Scientist Award from the Alexander Von Humboldt Foundation of West Germany. Novacky, internationally recognized for his research on plant cell membranes, is one of a handful of U.S. scientists to receive the award.

In addition to a cash award, Novacky will study with colleagues at universities in Göttingen and Darmstadt for six months, starting in September.

Mark D. Langford, director of facilities management for UMC, has been named a 1983 Outstanding Young Man of America in recognition of his professional achievement, leadership ability and community service.

Allen W. Hatheway, UMR professor of geological engineering, and **David A. Summers**, UMR Curator's Professor of Mining Engineering, served as invited session chairmen at the Sixth International Rapid Excavation and Tunneling Conference in Chicago. Hatheway chaired a session on geotechnical data in contract documents, while Summers chaired a session dealing with pioneer mining projects and new developments.

Shamsher Prakash, UMR professor of civil engineering (on leave), is serving as chairman of an international workshop on soil structure interaction at the University of Roorkee, India. Among the 17 experts invited to make presentations at the workshop are **Norbert O. Schmidt**, UMR professor of civil engineering, and **Romesh C. Batra**, UMR professor of engineering mechanics.

John D. Racine, acting assistant director for technical services at UMC's Ellis Library, is one of 22 librarians chosen from throughout the United States to participate in the fourth class of the Consultant Training Program, operated by the Office of Management Studies, Association of Research Libraries. Each librarian has five years of experience in a library setting and is accomplished in a special field of librarianship.

Leonard R. Forte, professor of pharmacology at UMC, presented two papers in San Antonio. He presented papers at the 65th annual meeting of the Endocrine Society and the fifth annual meeting of the American Society for Bone and Mineral Research.

Wayne Bledsoe, UMR professor of history, has been invited to present a paper at the XI World Congress of Anthropological and Ethnological Scientists in Vancouver, British Columbia. The international congress convenes every four years and papers presented are translated into three languages.

Three UMSL faculty members have received the only teaching fellowships granted in Missouri this year by the National Endowment for the Humanities. The three, who are among 249 national winners of fellowships, are **Susan M. Hartmann**, professor of history; **Sylvia Cook**, associate professor of English; and **Paul A. Roth**, assistant professor of philosophy.

Pat Timberlake, head of general reference at UMC's Ellis Library, organized and moderated a panel discussion, "Impact of Federal Policies on Libraries: Federal, State and Local," at the Special Libraries Association's annual conference in June in New Orleans. Timberlake just completed a term as chairwoman of the Legislative Reference Section of the Social Science Division of the association. This year she is serving on the association's Social Science Division Nominating Committee.

Marilyn Chandler, associate professor of special education at UMC, has been elected national vice president of Pi Lambda Theta, honorary education fraternity. She will also serve on the group's eight-member board of directors.

Douglas A. Grouws, UMC professor of curriculum and instruction, has been appointed by the board of directors of the National Council of Teachers of Mathematics to the editorial panel of the *Journal for Research in Mathematics Education*.

Margaret A. Flynn, UMC professor of family and community medicine and human nutrition, addressed a conference on new dimensions in cardiology in London.

Walter D. Keller, professor emeritus of geology at UMC, presented an invited paper on the form and structure of clay minerals as revealed in scanning electron micrographs at an international conference at the University of Glasgow in Scotland.

Paul King, professor of educational and counseling psychology at UMC, was invited to Mexico City by the International Neuropsychological Society and the American Psychological Association's Division of Neuropsychology to discuss ways of bringing the specialty of neuropsychology under the aegis of the American Board of Professional Psychology.

C.V. Ross, professor of animal science in the College of Agriculture at UMC, has been selected as a fellow in the American Society of Animal Science.

Talk of vision, ideals will help shape future

By Martin Blank

An educational institution's belief in itself, its self-image and its pride are crucial to its becoming and remaining excellent. Vice President Melvin D. George told an UPSTREAM banquet audience in Rolla.

George made his remarks in an address, "The Will to Excellence." About 110 UM-Rolla faculty and staff members and their spouses attended the program sponsored by UPSTREAM (University People Striving To Recover Excellence And Mirth).

Curators to meet next week at UMC

The UM system Board of Curators will meet Thursday and Friday, Sept. 8-9, in Columbia.

The schedule calls for Thursday meetings to be held at the UMC Animal Sciences Research Center. The board's Physical Facilities Committee will meet at 2:00 p.m., the Academic Affairs Committee will meet at 3:30 p.m. and the board will hold an executive session at 4:15 p.m.

Friday, the meetings will move to the UMC Memorial Union. The Finance Committee will conduct its business beginning at 8:30 a.m., and the meeting of the full board will begin at 10 a.m.

Following their Friday meeting, curators will take part in UMC Animal Sciences Research Center dedication activities, which will include tours, speeches, a ribbon cutting and a barbeque.

Highlight of the day's program will be the mid-day dedication. Scheduled to participate are Gov. Christopher Bond, U.S. Department of Agriculture Assistant Secretary Orville Bentley, UM system Board of Curators President William Cocos, UM President James Olson and UMC Chancellor Barbara Uehling.

If an institution aspires to excellence, George said, it must have the will and determination to succeed. "What we expect of ourselves and others affects the level of achievement."

George challenged his listeners to take charge of their destiny as far as the University is concerned. "We must ask ourselves if we are willing to apply to ourselves the highest standards without compromise or whether we will be satisfied to accept the standards that others have set for us."

He also asked members of the University community to talk more about such things as vision, commitment and ideals. "By changing our language we can change the limits of our world," he said. "We can change our self-image and the shape of the future."

George offered several specific suggestions about what the University can do to promote excellence. These include raising admissions standards, which already has been done; reducing the scope of the institution; and increasing non-state support.

UMC wins awards for cost-cutting ideas

UMC has won two national awards and a \$1,000 prize for cost-cutting ideas that save the institution more than \$72,000 each year.

The National Association of College and Business Officers and the U.S. Steel Foundation recognized UMC for two of its new money-saving practices—storing tools at job sites rather than transporting them from storage each day, a savings of \$52,000 annually, and simplifying contracting procedures for minor projects, estimated to save \$20,000.



photo by Ernie Gutierrez

Delbert Day, left, UM-Rolla Curators' Professor of ceramic engineering, and John Park, center, UMR vice chancellor for academic affairs, discuss the UPSTREAM movement with Mel George, UM system vice president for academic affairs, prior to the UPSTREAM banquet in Centennial Hall in UMR's University Center-East.

Buchholz urges state CBHE: Make true needs of Missouri higher education known

University of Missouri Vice President for Administration James R. Buchholz urged the Committee on Fiscal Affairs of the Coordinating Board for Higher Education to base its request for capital funds to the upcoming special session of the general assembly on the true needs of Missouri institutions of higher education.

CBHE will complete its special session capital appropriation recommendation by Sept. 10. Funding will depend on issuance of bonds approved in a state-wide referendum in 1982.

Testifying before the committee in Jefferson City on Aug. 19, Buchholz noted that the recommendations for capital appropriations developed by the staff of the Department of Higher Education and those developed by the University compare favorably in areas of preservation, life safety, energy management, renovation and capital equipment replacement.

But in the area of new construction, the University has requested \$32 million for the current fiscal year, while the DHE staff recommendation under consideration by the committee was \$8.3 million.

The DHE staff had recommended funding of UM's request for 1983-84 construction funds for Ellis Library addition and partial funding of an agricultural engineering building, both at UMC. UM has also asked for construction funds for mineral engineering, engineering management and auditorium buildings at UMR. The DHE staff did not include these requests among its recommendations.

"The DHE staff recommendation is tailored to reflect the quantity of funding that may or may not be available from the bond issue. Instead, we urge the committee to consider a recommendation based on the true needs of institutions of higher learning so those involved in the legislative process and the general public might be better informed," he said.

Buchholz specifically cited the urgent need for a mineral engineering building at Rolla, for which \$4 million in private funds has been raised. "I'm sure you can understand the difficulty of maintaining these pledges, some of which are now three years old, in the absence of state funding."

He indicated that UM has pledged \$16 million in non-state funds toward construction projects for which construction appropriations are being requested for 1983-84 and 1984-85.

Hearings on the 1984-85 capital requests by UM and other state institutions of higher education were postponed until after the special session.

Capital Appropriations Request

	UM request	DHE recommendation
Preservation (repairs, replacement and maintenance)	\$12,267,618	\$11,651,371
Life Safety (building code compliance modifications)	\$ 1,467,240	\$ 899,539
Energy Management	\$ 4,403,904	\$ 4,622,771
Renovation and Rehabilitation	\$ 2,992,677	\$ 3,071,620
Capital Equipment Replacement	\$ 4,573,000	\$ 4,984,570
New Construction	\$32,327,000	\$ 8,337,285
Priority		
Ellis Library	\$ 4,000,000	\$ 4,360,000
Ag Engineering (UMC)	\$ 6,973,000	\$ 3,800,285
Mineral Engineering (UMR)	\$14,680,000	—
School of Law (UMC)	—	—
\$15,000,000*	—	—
Science Building (UMSL) (planning)	—	—
Engineering Lab and Classroom (UMC) (planning)	\$ 177,000	\$ 177,000
Multi-Purpose Rec Facility (UMKC) (planning)	—	—
Engineering Management (UMR)	\$ 2,452,000	—
Auditorium, Music and Alumni (UMR)	\$ 2,045,000	—
Compliance with State and Federal Regulations	\$ 3,044,571	\$ 1,877,035
Total	\$61,076,010	\$35,444,189

*Construction funds will be requested in FY 85. Planning presently in progress.

Summer news roundup

For the benefit of faculty members and others who were gone during the summer, the following summary of news highlights should provide an update.

- **UPSTREAM**, an organizational effort to promote a positive spirit among members of the University community, has been formed and has representatives on each campus. UPSTREAM stands for "University People Seeking To Recover Excellence And Mirth."

- UM system general counsel Jackson C. Wright announced he will retire as soon as a successor is named. He has been general counsel since 1967 and was assistant counsel for three years prior to that.

- The presidential selection process began in June, following UM president James Olson's May announcement to retire next year. The goal of campus search committees, a presidential screening committee and a presidential selection committee is to have a new president in office by Aug. 1, 1984.

- UM received \$167.3 million in state appropriations for the 1983-84 fiscal year, about \$345,000 more than was received in fiscal year 1982-83.

- Kenneth Heath, a member of the UM system Board of Curators since last December, was killed July 18 in an accident on his East Prairie, Mo., farm.

- UM will ask for \$206.4 million from the state for general operation of the University during 1984-85.

- Student fees will increase an average 8.1 percent in 1984-85, generating an estimated \$4.2 million. For full-time resi-

dent undergraduates, the increase will be 7 percent; full-time graduate students will face a 9.3 percent increase. Supplemental fees will increase between 8.3 and 10 percent. Increases will take effect with the 1984 summer semester.

- New admissions requirements for freshmen and transfer students entering UM in the fall of 1987 were approved by the curators in July. Entering freshmen will be required to have completed at least 14 units of high school credit in specific subject areas and to meet the current 75 percent percentile standard of combined high school class rank and aptitude test score.

- Phil Connell, executive assistant to the president, announced that he would retire Aug. 31. He assisted three presidents during his tenure at the University.

- The University will decrease the cost of life insurance for some employees enrolled in plan C, effective Sept. 1. The decrease affects employees ages 40 to 59.

- Curators in July approved a proposal reaffirming its standing policy of encouraging computer use by the University community. Faculty, staff and students may purchase micro-computers and software through the University bookstore operations under contractual arrangements between computer companies and the University, providing substantial savings to individuals.

UM negotiates better rental car discount rates

The University of Missouri will get lower rental rates from one car rental company it does business with, and similar agreements with other companies are being negotiated.

Effective Oct. 1, discounts ranging from \$.50 to \$5.50 over current daily rates will be granted by National Car Rental.

"The University of Missouri does an estimated \$125,000 to \$150,000 business annually with car rental companies," says Charles Cottingham, coordinator of management support and analysis for UMca, "and the discounts granted on the basis of UM's volume business will be considerable savings to the University."

Car rental companies provide identification stickers and cards for University personnel so that they may receive the special discounts while on official business for UM.

In the past, the University has used four major car rental companies and employees have been urged to patronize the company offering the best discount rate. "That policy will not change," Cottingham says, "but employees must be sure to have the proper identification necessary to take advantage of the discounts offered."

Offices on campuses in Columbia, Rolla, Kansas City and St. Louis and University Hospital in Columbia will have identification materials and will be able to offer information on car rentals. Those offices are: Office of Business Services, 325 Jesse Hall, at UMC (882-7620); Office of Administrative Services, 212 Parker Hall, at UMR (341-4121); Purchasing Department, General Services Building, at UMKC (276-1371); Office of the Assistant Vice Chancellor for Administrative Services, 224 General Services Building, at UMSL (553-5206); Office of Business Services, 225 University Hall, for UMca employees (882-2705); and the Hospital Purchasing Department, W. 136 Hospital and Clinics (882-7178).

National Car Rental's new daily rates, effective Oct. 1, for University employees are: economy car, \$28; compact car, \$28.50; mid-size car, \$29; two-door full-size car, \$29; and four-door full-size car, \$29. There

are additional fees for renting a car in one city and leaving it in another city instead of returning it to the place where it was rented.

The University is also investigating the further utilization of corporate or group rates in other areas of the market place, such as lodging and air travel.

"Where there is volume business, there may be a possibility to receive discounts for the University," Cottingham says.

Tom Clevenger to head water research center

Tom Collins, UM associate vice president for academic affairs, has announced the appointment of Tom E. Clevenger as director of the Missouri Water Resources Research Center, a central administration facility.

Clevenger served as acting director of the UMca Environmental Trace Substances Research Center from January of 1980 until July 1 of this year, when Armon F. Yanders was named director.

Prior to serving as acting director, Clevenger was coordinator of laboratory services at the center for six years and a chemist there for two years. He was a radiochemist at ATCOR Laboratories before joining the Environmental Trace Substances Research Center.

He received his Ph.D. degree in environmental engineering and M.S. degree in chemistry from the University of Missouri. His bachelor's degree in chemistry is from Blackburn College.

The Missouri Water Resources Research Center, funded by the Department of the Interior, oversees research in water-related fields. Along with Clevenger taking over as director, the center's office, now located in Clark Hall on the UMC campus, will move to Rt. 3, Sinclair Road (the Environmental Trace Substances Research Center building) in Columbia Sept. 15.

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of Aug. 26. Those interested in a position should contact the appropriate department or personnel office.

UMC: chairman/appropriate academic rank, agronomy; chairman/professor, chemistry, mechanical and aerospace engineering; dean/appropriate academic rank, medicine; assoc./full professor, medicine, and director, pulmonary diseases; assoc. curator/adjunct instructor, Museum of Art and Archaeology; research associates, Engineering Experiment Station, microbiology (3); asst. professors, child health (2), geology (2), history, marketing, microbiology, philosophy, romance languages (Spanish); instructor/course development specialist, Center for Independent Study; asst./assoc. professors, child health, medicine; asst./assoc./full professors, industrial engineering, veterinary microbiology; postdoctoral fellow, chemical engineering; assoc./full professors, family and community medicine, pathology, psychology; assoc. professor,

history; asst. clinical professor, medicine; instructor, news-editorial; assoc. director, residential life (food service); continuing education coordinator; director, personnel services; production analyst; research specialist. **UMca:** manuscript specialist, sr. personnel associate, visual communications specialist

UMC Hospital: administrative nurse I; audiologist; clinical dietician; clinical nurse; computer project manager; food service supervisor; information specialist; manager, technical services; nurse anesthetist; occupational therapist; staff chaplain; supervisor, insurance

UMKC: grader, business and public administration; postdoctoral associate, chemistry; research assistants, chemistry, UMKC Institute; professor, banking; director, computer science; asst./assoc. professors, accountancy, computer science (3), endodontics, operative dentistry (2), orthodontics, periodontics, removable prosthodontics; visiting professor, theatre; adjunct faculty, biology, theatre, Conservatory of Music; clinical faculty, dentistry, nursing; instructor/asst. professor, dental hygiene/dental faculty practice; instructors, communication studies, nursing; asst. instructor, law; asst. professor, mathematics; librarian I, cataloger; theatre assistants, Professional Repertory Theatre; manager, constituent relations

UMR: producer/director, radio station; sr. personnel assoc.; chief broadcast engineer; program coordinator

UMSL: postdoctoral fellow, neurobiology; asst./assoc./full professor, accounting; instructor/asst./assoc./full professor, management science and information systems; asst. professor, marketing

UMC, UMR jointly receive IBM gift

A successful proposal for a \$2 million state-of-the-art CAD/CAM (computer-aided design/computer-aided manufacturing) system given to the University of Missouri by the IBM corporation was submitted jointly by the Rolla and Columbia campuses.

The Department of Engineering Management and the Department of Mechanical and Aerospace Engineering at UMR and the Department of Industrial Engineering at UMC participated in the proposal, designed to continue development of CAD/CAM efforts on both campuses.

The major impact of the program will be on the Rolla campus, and the Rolla campus will be responsible for implementing the program. However, the IBM gift will also benefit UMC students in the Department of Electrical Engineering, the Department of Mechanical and Aerospace Engineering and the Department of Industrial Engineering.

The equipment placed at UMC will be linked to that at UMR.

The University of Missouri was one of 20 universities nationwide selected for IBM's \$50 million corporate program for support of manufacturing engineering education at engineering schools.

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