

Curators OK major projects

Final plans for improving the UMC heating plant to bring it into compliance with clean air standards were approved by the UM system Board of Curators April 27.

The project, which would add two baghouses and two 325-foot high chimneys to the coal-fired plant to remove and control pollutants, was one of several physical facility items approved by the board.

Earlier plans had one of the baghouses—each of which will measure 40 x 60 feet and 40 feet in height—extending south from the plant, 23 feet above Stewart Road, with the accompanying chimney to be located south of Stewart Road. Because of aesthetic concerns, that baghouse now will be confined to ground level on the north side of Stewart Road and west of the data processing building. The companion smokestack will be situated west of the baghouse.

Added cost of relocating the baghouse at the greater distance would be offset by not having to construct the facility above Stewart Road.

The other baghouse and chimney will extend northward from the plant into the parking lot of Technical Education Services.

Funding for the project is contingent upon appropriations from the state legislature. UM presently has before the General Assembly a request

for \$7,640,000 for the work. Bids are now being sought from contractors.

Other projects approved by the board include:

- Award of a \$170,656 construction contract to Boese-Hilburn Electric Service Co., Kansas City to add the education building and the Haag Hall Addition at UMKC to the campus' automated energy control system. The system, which is part of UM's energy conservation program, allows a single operator to monitor and control heat, air conditioning, fans and pumps.

- Award of a contract for \$131,386 to Knipp Construction Co. of Columbia to renovate Waters Auditorium on the Columbia campus. The project is expected to be completed in time for fall classes.

- Approval of final plans for building an addition to KOMU-TV, the Columbia campus television station. The addition will allow expansion and consolidation of the station's news operations into one area.

- Purchase of property at 610 Kuhlman Court in Columbia. This is the final piece of property to be acquired in the area on which the proposed UM system library storage facility would be built. Funding for the library facility now is being sought from the General Assembly. The area is located south of Conley Avenue across from Ellis Library.

Faculty grievance procedures to be reviewed by president

The final draft of the UM system's Faculty Grievance Procedures has been sent to President James C. Olson for his review.

The document, which outlines a basic three-step grievance procedure for faculty members, will be presented to the UM system Board of Curators at the May 25 meeting in Columbia. The procedures are subject to the approval of both the president and the board.

"Grievance" is defined by the document as any allegation that involves a violation or misinterpretation of UM policies and rules as applied personally to a faculty member; that a faculty member has been discriminated against on the basis of sex, race, religion, national origin, marital status, age, or physical handicap; or that there has been an infringement of the faculty member's academic freedom.

The 12-page document stipulates that complaints governed by the Academic Tenure Regulations are not covered in the grievance procedures. It further stresses that the procedures "in no way diminish the responsibility" of faculty and administrators for the exercise of academic judgment.

The grievance procedures include guidelines for the establishment of grievance hearing panels on each of the four campuses, from which an ad hoc grievance hearing committee would be formed for each particular case in which a hearing is required.

The grievance procedures document notes that in those cases

where the aggrieved faculty member is not satisfied with the campus-level decisions, including those of the chancellor, he or she may file an appeal with the president. The decision of the president is final in all cases.

Initial drafts of the grievance procedures were prepared by the UM Intercampus Faculty Council. Preliminary drafts have been reviewed by faculty governing bodies on all four campuses, chancellors and the University Cabinet.

After Dr. Olson's review, the final document will be made available to campus representatives of the Intercampus Faculty Council. The council is chaired by William Bondeson, UMC professor of philosophy.

Members of the council (by campus) include: UMC, Dr. Bondeson, Gordon Kimber, professor of agronomy, David West, professor of finance; UMKC: Karl F. Johnson, associate professor of administration, Bruce Wenner, professor of mathematics, George Young, professor of biochemistry; UMR: William A. Andrews, professor of civil engineering, Delbert Day, professor of ceramic engineering, James Wise, professor of English; UMSL: E. Terrence Jones, director of public policy administration master's program, James Norris, chairman of history, James Tushaus, associate professor of marketing.

Benefit computation includes summer appointment salaries

The UM system Board of Curators on April 27 approved an amendment to the UM Retirement, Disability and Death Benefit Plan which will allow the inclusion of summer appointment salaries for the purposes of benefit computation.

According to the amendment, a summer appointment salary will be defined as "compensation paid to an academic personnel member, who is on a regular, full-time nine-month appointment, for services during the summer."

The amendment stresses that such salaries must be over and above the regular annual salary for the nine months immediately prior to summer appointment.

For purposes of benefit computation under the plan, summer appointment salary shall not include:

- Any compensation for

summer appointment service if the total amount of such compensation is less than ten percent of regular annual salary for the nine month period immediately preceding such summer appointment;

- Any compensation for summer appointment service if the period of such service is less than four weeks; or

- Compensation for summer appointment service which exceeds twenty percent of regular annual salary for the nine month period immediately preceding the summer appointment.

The amendment will affect any retirements or disabilities after April 27, 1979.

In the past, summer appointment salaries have not been used in computing UM faculty members' retirement and/or disability and death benefits.

\$830,000 grant received

At its April 27 meeting, the UM system Board of Curators accepted a grant of \$830,000 from the U. S. Department of Energy for a research project on the Rolla campus. The project, entitled "Gasification Research on Wood" (GROW), will be directed by an interdisciplinary team.

The federally-sponsored research is made possible by the recent establishment of a biomass thermochemical conversion facility at UMR. Basic equipment for the unit (estimated value, \$600,000) was a gift from the Adolph Coors Co., Golden, Colo., last June.

Purpose of the research is to determine technical and economic factors necessary to convert organic waste material (wood) to low, medium and high grade BTU gas of a quality and quantity that may be used commercially.

Annual production of wood waste in Missouri is estimated to be 1.8 billion pounds. Disposal of such waste in an environmentally acceptable manner poses a real and expensive problem to the state's wood industry. By making it possible to use this waste to develop a high quality energy source, a problem waste could be turned into a real benefit.

Primary investigators for the

project are Yildirim "Bill" Omurtag, UMR associate professor of engineering management and program director, and Virgil Flanigan, UMR professor of mechanical engineering and technical director of the project.

Agency honors UM Extension

UM Extension has been honored by the U.S. Environmental Protection Agency with an Environmental Quality Award for staff performance in the non-point pollution program. UM Extension was nominated for the award by the Missouri Department of Natural Resources, Division of Environmental Quality.

In the project, extension campus and field staff conducted programs to get the public involved in developing a water quality management program for the state. They dealt specifically with non-point pollution, which results from runoff water carrying sediment and other pollutants into streams.

UM is the only educational institution in the four-state region of Missouri, Kansas, Iowa and Nebraska to receive the award.

People

Bonnie Zelenak, UMC assistant professor of education, recently was elected president of the regional chapter of the Mid-Atlantic Educational Opportunity Program Personnel.

Lewis Walker, UMC associate professor of electrical engineering, is one of the 12 winners of the Dow Outstanding Young Faculty awards.

Evelyn Peck, director of nursing service at the UMC Medical Center, was named to the first governing board of the Midwest Alliance in Nursing.

Frank Mitchell, professor of surgery and director of emergency medical service at the UMC Medical Center, received the 1979 Trauma Achievement Award from the American College of Surgeons.

V. James Rhodes, UMC professor of agricultural economics, was appointed to a task force to study the national use of a meat pricing and reporting system. Dr. Rhodes' appointment was made by Secretary of Agriculture Bob Bergland.

Kee Groshong, UMC associate business operations officer, was elected as an assistant area director for the Administrative Management Society.

Pradeep Raj, UMR research assistant professor in mechanical and aerospace engineering, received the Young Professional Engineer Award from the St. Louis section of the American Institute of Aeronautics and Astronautics.

Charles R. Peterson, UMC chairman of physical medicine and rehabilitation, has received a fellowship to study treatment of spinal cord injury patients in England. The fellowship is provided by the World Rehabilitation Fund.

Erwin H. Epstein, UMR professor of sociology and chairman of social sciences, was elected president of the Comparative and International Education Society.

Barbara Hale, UMR associate professor of physics, was named "Advisor of the Year" at UMR.

Edith M. Young, acting director of UMSL's Center for Academic

Development, and **Eugene E. Eubanks**, UMKC assistant dean of education, were named fellows by the American Council on Education. The program is intended to prepare outstanding faculty and staff for responsible positions in academic administration.

Fred Tonnies, chief pharmacist at the UMC Medical Center, was recently selected Missouri Hospital Pharmacist of the Year.

William Allen, professor of surgery at the UMC Medical Center, was elected to the board of directors of the American Academy of Orthopedic Surgeons.

Eunice French, administrative associate of the UMR Center for International Programs and Studies, received a national citation from the National Partners of the Americas Association for her 1978 soccer workshop coordination efforts.

Allen W. Purdy, UMR system director of student financial aids, retires in July. A scholarship/loan fund has been established in his name for use on all four campuses.

UMSL Chancellor **Arnold B. Grobman** has been re-appointed chairman of the Committee on Urban Affairs of the National Association of State University and Land Grant Colleges.

Larry A. Kantner, UMC associate professor of art, has been elected president of the United States Society of Education through Art.

Bernard Lubin, UMKC department of psychology chairman and a professor at the School of Medicine, has been elected a fellow of the American Group Psychotherapy Association.

James E. Walter, UMSL assistant professor of education, has been elected to a two-year term as treasurer of the Association for Individually Guided Education.

UMC Chancellor **Barbara S. Uehling** was elected chairperson of the National Center for Higher Education Management Systems.

Jobs

The following administrative, professional, and academic vacancies were listed with *Spectrum* as of April 25. Those interested in a position should contact the appropriate academic department or personnel office.

UMC: Admin. mgr., arts and sciences; computer programmer/analyst

I; computer programmer/analyst II; director, campus computer services; engineer-physical plant; environmental chemist; grants and contracts specialist; research specialist (II); scientific programmer/analyst I; scientific programmer/analyst II; sr. research scientist; sr. research specialist; supervisor, pest management; TV producer, KOMU-TV;

UMC Hospital: Assoc. dir., nursing; asst. directors, nursing (2), outpatient clinic, personnel; computer programmer/analyst I; computer programmer/analyst II; director, computer center - medical center; manager, financial reporting; pharmacist; registered medical technologist (5); staff nurse (41);

UMKC: Administrative assoc. III; computer programmer/analyst II; electronic engineer; medical illustrator;

UMR: Buyer; computer programmer/analyst II; energy conservation engineer; special services counselor; lecturer, geology field camp.

UMSL: Accountant.

Text alleviates math problems

Many students have a poor appetite when it comes to mathematics, but some spice is being added by a new text by Elizabeth Berman, UMKC lecturer in mathematics.

Designed for adults and young people, *Mathematics Revealed* places strong emphasis on developing fundamental skills—fractions, proportions, measurements and simple work problems. The book was published by Academic Press of New York.

"Many people dread mathematics," says Dr. Berman.

"I dispel fear with intriguing examples like gambling and groceries. I welcome students to a subject I enjoy."

Beautiful typography with an appeal to the senses is incorporated in the attractive 8½" x 11" format with tearout pages.

Dr. Berman graduated magna cum laude with a B.A. in mathematics from the University of Minnesota in 1958. She also received a master's from that institution in 1959, and earned her Ph.D. at UMKC in 1970.

UM complies with legislation; collects local sales taxes

In compliance with new state legislation, the UM system has begun collecting local sales taxes on all four campuses.

James S. Newberry, a UM counsel, said the city one percent levy will be collected at UMC, UMKC and UMR, while the county one and one-half percent tax will be collected at UMSL. This will be in addition to the three and one-eighth percent state sales tax already being collected on the campuses.

Mr. Newberry said sales on which UM collects taxes primarily are those made in bookstores, cafeterias and student unions.

UM will collect the local tax to comply with House Bill 726, which was passed early this session by the General Assembly and signed into law March 6 by Gov. Joseph P. Teasdale. Since the bill contained an emergency clause, it went into effect immediately.

House Bill 726 was enacted after questions arose as to whether some Missouri cities would be able to collect sales taxes on prescription drugs. Under legislation passed last year, drugs had been exempt.

In addition to correcting the part pertaining to prescription drugs, House Bill 726 also placed all exemptions—both as to items and entities—applying to state and city sales taxes in an amended section of the state sales tax law.

In 1978 the UM system collected \$442,421 in state sales taxes. Amounts collected by campus were: UMC, \$277,056; UMKC, \$89,799; UMR, \$15,895; and UMSL, \$59,671. A total of about \$433,000 was paid to the state Department of Revenue. As a collecting agency, UM was allowed to keep two percent for administrative purposes.

UM now will pay to the state both the state and local sales taxes it collects. The state, in turn, will forward the local portion of the taxes back to the local political subdivision in which it was collected.

Mr. Newberry said that the collection of the local sales tax now by UM does not affect the status of the City of Columbia vs. University of Missouri city sales tax suit now pending in the Boone County Circuit Court.

He explained that the case, which was filed under the previous sales tax law, is based on whether certain functions and activities of UM are a

part of the educational process. Since the suit was filed under the old law, its outcome is still pertinent, since the decision is expected to determine what functions and activities would be taxable under the previous law.

This & That

Drama innovator honored

Patricia A. McIlrath, chairman of the UMKC theatre department and director of the Missouri Repertory Theatre, has been named to an advisory panel of the National Endowment for the Arts (NEA).

As a panel member for theatre programs, Dr. McIlrath will participate in policy and grant recommendations made to the National Council on the Arts and the NEA.

An innovative pioneer in the integration of professional and academic theatre, she has received considerable recognition including several "Who's Who" citations.

Alumnae honor physician

Elizabeth James, a pediatrician who has helped save hundreds of high-risk babies, is the recipient of the 1979 Alumnae Anniversary Fund Award at UMC.

Dr. James is director of perinatal medicine (care of newborn) and associate professor of child health and obstetrics/gynecology in the UMC School of Medicine.

Fries sale aids students

Students who run into sudden trouble financing their education at UMR may benefit from the sale of French fries.

The Hardee's restaurant at Rolla was looking for a way to involve students and the Rolla community in a fund-raising drive for UMR. Restaurant officials decided to donate all the proceeds from one day's sale of French fries.

The restaurant recently sold more than 1,000 orders of French fries to UMR students, Rolla citizens, and to some of the 4,000 high school band members participating in a district music festival on campus.

The \$400 raised will go to the Chancellor's Scholarship Fund which is used to aid students.

SPECTRUM

is published every other week during the academic year and monthly during the summer session by University Information Services, 400 Lewis Hall, Columbia, in cooperation with the Columbia, Kansas City, Rolla and St. Louis Offices of Public Information.

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