

## **Spectrum**

**Volume 23, Number 2, March 1996**

### **UM signs research pact with University of Ulster**

Trevor Smith, vice chancellor of the University of Ulster in Northern Ireland, joined University of Missouri and Poplar Bluff officials Feb. 22 in signing an agreement of cooperation at the Poplar Bluff Regional Telecommunication Community Resource Center (TCRC).

"This signing completes an historic agreement that has been under development for several months," said James McHugh, chairman of the UM Curators' Committee on Telecommunication Technology. "Signatories to the agreement include the University of Missouri, the University of Ulster, and the communities of Poplar Bluff and Enniskillen. The agreement provides a framework for a cooperative relationship among communities and schools in Southeast Missouri and Northern Ireland to foster community and economic development and improve educational opportunities for students and faculty."

Computing and interactive video technology at the regional TCRC will be used for transatlantic communication and to deliver educational programming to citizens in Missouri and Ireland. The TCRC is a model center established by University Outreach and Extension, the city of Poplar Bluff and the R-1 School District.

The Poplar Bluff/Enniskillen agreement is in keeping with an overall agreement signed in January by Smith and UM President George Russell to create collaborative opportunities for student and faculty interchange, joint research, cooperative curriculum and outreach programs, internships, and professional development. During the past year, three trips have been made to Northern Ireland and the Irish Republic by UM System officials to initiate research projects between the UM campuses and the University of Ulster, also a four-campus system.

The two university systems agreed to participate in joint research projects involving agriculture, telecommunications, nursing, and conflict resolution. The research development agreement could result in millions of dollars of long-term grant money for the University.

The Food and Agriculture Policy Research Institute at UM-Columbia, for example, could receive substantial funding from the European community, said Ronald Turner, UM vice president for outreach and director of cooperative extension.

The University of Ulster system has more than 17,600 students enrolled at all levels, from part-time certificate programs to doctoral programs. In addition to the main campus at Coleraine, it has campuses at Magee, Jordanstown and Belfast.

The collaboration was triggered by a visit to Missouri last March by John Bruton, prime minister of the Republic of Ireland. Bruton, a cattle producer, asked to visit farms in the St. Louis area where he became interested in the MU agriculture research institute.

## **UM sells University Park property to Kauffman Foundation**

Following presentations by UM President George Russell and representatives of the Ewing Marion Kauffman Foundation, the Board of Curators voted Feb. 22 to sell approximately 27 acres of land in and near University Park, north of the campus of the University of Missouri-Kansas City, to the Kauffman Foundation.

The Foundation agreed to pay \$12 million for the land, to leave 10 contiguous acres of land in the possession of the University and to earmark \$2.2 million of the purchase price for endowed chairs and another \$2 million to help fund a new cultural arts auditorium on the UMKC campus.

The Kauffman Foundation in late 1993 announced its intention to become the first occupant of University Park a proposed research park adjacent to UM-Kansas City. The announcement came shortly after the University of Missouri regained control of University Park whose New York developer had declared bankruptcy and a new master plan had been developed and approved.

The site, according to the Foundation and representatives of the Conservation Commission and Powell Gardens, will now include Kauffman's new headquarters building and an urban forest and wildlife area.

"The transaction benefits the University of Missouri, the City of Kansas City and the Kauffman Foundation," Russell said. He noted that UMKC and the Foundation have enjoyed a "long and mutually helpful partnership that is extended by this agreement." In addition, he said, the pact will make it possible for the Conservation Commission to develop a project of special benefit to urban residents of the state.

The curators also approved several major design and construction proposals for some prominent campus buildings around the UM System.

The board OK'd a schematic design for \$10.8 million in improvements at Mizzou's Memorial Stadium. The project includes new concession stands, rest rooms, ticket booths, fences, and gates. The most visible changes, however, will be a redesigned concourse area at the North end of the stadium, improvements to the parking lot, and the addition of field lighting.

The Kansas City firm of Ellerbe Becket Inc. prepared the designs. UMC's Intercollegiate Athletics Department paid for them.

In other action, the board:

- Hired Chiodini Associates, a St. Louis design firm, to plan a three-level addition to UMC's Brady Commons. The addition will increase retail and textbook space at University Bookstore. The design fee is not to exceed \$188,400. The construction cost is expected to be \$2 million.
- Retained Answers Inc., a St. Louis interior design firm, to design and coordinate the purchase and installation of lighting, new furnishings, and equipment at University Hospital's critical care addition. The firm will be paid 8 percent of the cost of the new furnishings and equipment, plus \$65,000 for artwork and signage consulting. The budget for new furnishings and equipment is \$3.75 million.
- Approved a schematic design to renovate UMR's Rolla Building to bring it into compliance with the Americans with Disabilities Act and to accommodate the Department of Mathematics with space for classrooms, study areas and offices.
- The Rolla Building was constructed in 1871 and, while its exterior has been maintained, few improvements have been made to the interior. The schematic designs were prepared by the Columbia firm of Peckham & Wright; the budget for the entire project is \$1.8 million.
- Awarded a contract for the renovation of the first floor of the North wing of UMC's Memorial Union. The existing seating, convenience store, maintenance areas and storage areas will be removed. New amenities will include kiosk-type food service, a coffee bar, seating for 185 patrons, space for meetings, and lounge and study space for students.
- The curators awarded the contract to the low bidder, Crawford Construction of Columbia, for \$1.39 million.
- Awarded a contract for the renovation of the Cardinal Newman Building, which is located northeast of the UMSL campus, to provide studios, classrooms and faculty offices for the fine arts program. The low bidder, Orf Construction of Bridgeton, won the \$1 million construction contract.

## **McGill previews benefits recommendations**

UM Executive Vice President Jim McGill previewed a series of recommendations made by the University's faculty and staff Retirement and Benefits Committee with members of the Board of Curators Feb. 22 in St. Louis.

The Committee has recommended improved pensions for employees who retire between the ages of 55 and 65, improved portability of retirement benefits, and greater equity in payments of retirement and death benefits to survivors of retirees, irrespective of marital status. The Committee also recommended a partial tuition waiver for spouses and children of employees and a 1996 pension adjustment for retirees. Total cost of the recommendations is estimated at \$2.4 million in the first year. (See accompanying chart.) Several recommendations, the Committee reports, will not affect total costs. A pension adjustment of \$950,000 is also under consideration.

The recommendations have been submitted to UM President George Russell who will study them and make his recommendations to the Board. "We must strike a balance," Russell said,

"while being fair to our employees, competitive in the marketplace and responsible in making long-term financial commitments."

The standing Retirement and Benefits Committee and its duties are stipulated in the retirement trust plan. "Its members have become very knowledgeable in the intricacies of all benefits programs," McGill said. An important assignment of the committee, chaired by Associate Vice President Ken Hutchinson, is assessment of UM's benefits programs and planning for future changes.

### **POSSIBLE BENEFITS CHANGES**

	<b>COST</b>
1. Retirement Plan Improvements	<b>\$1,140,000</b>
• Better benefits for long-term employees retiring between 55-65	
• Improved portability	<b>-0-</b>
• Equity considerations	<b>715,000</b>
2. Partial tuition waiver for dependents	<b>550,000</b>
3. Other no-cost items	<b>-0-</b>

McGill recalled that, in launching the University's five-year financial plan in 1992, the Curators placed heavy emphasis on direct compensation salaries competitive with other public universities in the Association of American Universities. "At that time, our benefits were generally competitive with these universities," McGill said. Little improvement has been made in the meanwhile. As the five-year plan neared its completion, however, the standing committee was asked to assess UM's competitive standing.

Hewitt and Associates conducted a study of benefits at UM and 13 other public AAU institutions. On a scale where 100 represented the average of the 14 universities, UM scored 96.6 and ranked 10th for all benefits. Pre-retirement benefits scored 101 and post-retirement benefits 92.4. The University's "Defined Benefit" plan (as opposed to a "Defined Contribution" plan, such as TIAA /CREF), is more generous to persons who retire from UM at or around 65 years of age than to persons who leave UM or retire prior to age 65. The experience of all employees is included in the ranking. Even so, the University is within 3 percent or 4 percent of the average of the comparators.

"The program is very competitive for employees who retire at the University of Missouri," McGill said. "It is also cost-effective."

Post-retirement pension adjustments are not guaranteed, but are decided year by year by the Board of Curators and are dependent upon the financial condition of the University.

### **Medical Insurance**

McGill also referred to the Board's approval of moving to managed care health insurance for employees, effective in January, 1994. A contract was approved for three years with GenCare. By late summer, he said, the Board will need to decide the nature of the University's health insurance programs for 1997 and beyond.

The plans have undergone rigorous study by third parties and 1,021 University employees have been interviewed in detail. Future issues of *Health Spectrum* will inform all employees of the results of the studies, which will be used in formulating any recommendations for changes.

### **UM Home Page given '4-Star' rating by McKinley**

The University of Missouri System "Home Page" on the World Wide Web

(<http://www.system.missouri.edu>) has been selected by The McKinley Group's professional editorial team as a "4-Star" site. This is the highest rating an Internet site can achieve in Magellan, McKinley's comprehensive Internet directory of more than 1.5 million sites and 40,000 reviews.

The McKinley Group bases its rating on a rigorous review process, which considers three primary factors: depth of content, ease of exploration, and Net appeal.

### **University honors six on legislative recognition day in Jefferson City**

Six outstanding alumni, including Gov. Mel Carnahan, were honored Feb. 27 by the University of Missouri for their contributions at the UM's Alumni Alliance annual Legislative Day in Jefferson City.

The University of Missouri System Presidential Alumni and Service Awards are based on service and given each year to an individual from each of the four campuses and University Outreach and Extension, and to one recipient selected for his or her service to the University of Missouri System. Each campus recipient must be a member of his or her campus alumni organization.



**The award for Outstanding Support of the University went to Mel Carnahan, a 1959 graduate of the law school at Columbia.**

Carnahan entered public life at age 26 when he won election as a municipal judge in his hometown of Rolla. Two years later, he was elected to the Missouri House of Representatives, and was later elected majority floor leader in his second term. In 1980, Carnahan was elected state treasurer, in 1988 he was elected lieutenant governor, and in 1992 he won the governor's office in a landslide.

As the state's chief executive officer, Governor Carnahan has cut \$216.2 million in unnecessary spending and redirected those funds to high priority areas such as education, job creation and law enforcement. His leadership also resulted in the state's sweeping education reform initiative, Missouri's Outstanding Schools Act of 1993, which answered the constitutional challenge to Missouri's school funding formula and instituted major reforms in Missouri's schools.

**The award for Outstanding Alumni Service to UM-Columbia went to Paul Doll of Jefferson City.** Doll earned a bachelor's degree in 1936 and a master's degree in 1937 in agricultural engineering from the University of Missouri-Columbia.

After graduation, Doll was named Director of Agricultural Development in the Missouri Division of Resources and Development, was the manager of the Missouri Limestone Producers Association and was executive director of the Missouri Society of Professional Engineers.

In 1959 Doll founded Alpha Epsilon, an agricultural engineering honor society. He is an active member of the Dean's Engineering Advisory Council, and is a past president of the MU Engineering Alumni Association. In 1986 Doll was honored with an honorary degree from UMC.

**Calvin M. Ochs was recognized for Outstanding Alumni Service to UM-Rolla.** Ochs received his bachelor's degree in mechanical engineering from the Missouri School of Mines in 1949. Following graduation, he joined Miles Laboratories in Granite City, Ill., and served the company as plant engineer/assistant director of engineering until 1972. He then became a division director of Memorial Hospital in Belleville, Ill., until joining Chesebrough Ponds as manager of engineering in 1973.

Ochs has been active in his profession, serving as president of the Missouri Society of Professional Engineers in 1985-86. On the national level, he has served as a committee chairman for the National Society of Professional Engineers.

A member of the MSM-UMR Alumni Association board of directors since 1991, Ochs is currently serving as chair of the association's legislative committee. He also received the MSM-UMR Alumni Association Service Award in 1987.

**Beth Smith, a 1976 graduate of the Henry Bloch School of Business and Public Administration, was recognized for Outstanding Alumni Service to UM-Kansas City.** Smith is now an adjunct professor of nonprofit leadership and management at UMKC, and a Fellow of

the Midwest Center of Nonprofit Leadership. She specializes in nonprofit governance, board-staff relations, citizen participation and the value of diversity.

Smith has been a driving force as a civic activist since moving to Kansas City in 1948. She has been instrumental in numerous community development and service programs including the Women's Employment Network. In 1991 she was named Kansas Citizen of the Year by the Urban League.

She has served on the University of Kansas City Board of Trustees and on the advisory committees of the School of Business and Public Administration and the UMKC Women's Center. In 1992 she was honored with the UMKC Alumni Association Alumni Achievement Award-Business.

**The winner of the award for Outstanding Alumni Service to UM-St. Louis is 1968 graduate Kirk A. Richter**, the controller at Sigma-Aldrich Corporation in St. Louis.

Richter serves as the Alumni Association representative to the University of Missouri-St. Louis Chancellor's Council and its Scholarship Committee. He has been a member of the UMSL School of Business Administration Alumni Association Chapter Board of Directors since its inception in 1975 and has served as president twice. In 1994 Richter received the UM-St. Louis Alumni Association Distinguished Alumni Award.

**Robert Dixon, who was recognized for Outstanding Alumni Service to University Extension**, has held the offices of chairman, vice-chairman and secretary on the Bollinger County Council. Dixon was active in reopening and helping to obtain more budget funds for the Bollinger County Extension Center after it had been closed for a few years.

Dixon is a member of the Regional Advisory Committees for programs in business and agriculture. Dixon was elected chairman of the Regional County Council in September, 1994. He serves as regional representative to the Missouri Extension County Council Leadership Conference (MECCLC) Board of Directors. Dixon has been instrumental in making sure that county councils have a voice and are represented in extension's future.

Dixon is also a member of the State Cattleman's Association, Farm Bureau, Missouri Forest Products Association, and National Forest Products Association.

## **UM Research Board awards another \$1.4 million in faculty grants**

The University of Missouri Research Board has awarded \$1.4 million to support 55 research projects across the University's four campuses.

President Russell established the board in early 1992, funding it in part through the elimination of administrative positions in the UM System office. Since its founding, the board has awarded \$12.8 million to support research.

Researchers from the four UM campuses filed 152 requests for grants in October 1995, totaling \$5.1 million. The 55 awards granted range from \$50,000 for biochemical research at UM-Columbia to \$2,000 toward an examination of Russian-American dialogues at UM-Kansas City.

The board granted:

- Six engineering requests for a total of \$204,431.
- Ten in humanities and fine arts for \$132,817.
- Seventeen in life sciences for \$659,602.
- Sixteen in physical sciences and mathematics for \$253,400.
- Six in social and behavioral sciences for \$183,524.

The Research Board is aided by a system of peer reviewers in selecting projects. The board has established a network of UM experts in each discipline, and they address specific criteria in evaluating a request. The board then considers the recommendations of the peer reviewers.

Scott Decker, professor of criminology at UM-St. Louis, is chairman of the board. The other 15 members represent a variety of academic disciplines across the UM System.

## **UM Research Board October 1995 Awards**

### **UM-Columbia**

**Robert Benfer**, Anthropology, \$45,859

**Charles Bowles**, Mechanical & Aerospace Engineering, \$19,303

**Martin Camargo**, English, \$23,055

**Tanya Christiansen**, Mathematics, \$8,000

**Lane Clarke**, Veterinary Biomedical Science, \$35,198

**Juanamaria Cordones-Cook**, Romance Languages, \$2,000

**Albert Devlin**, English, \$14,072

**Joseph Dixon**, Food Science & Human Nutrition, \$26,030

**Stamatis Dostoglou**, Mathematics, \$7,700

**Dan Edidin**, Mathematics, \$7,000



**Richard Finkelstein**, Molecular Microbiology/Immunology, \$49,900

**Steven Friesen**, Religious Studies, \$19,080

**Thomas Guilfoyle**, Biochemistry, \$50,000

**Christopher Hardin**, Physiology, \$34,759

**Mark Kirk**, Biological Sciences, \$21,000

**Timothy Lyons**, Geological Sciences, \$23,200

**Helen Mullen**, Internal Medicine, \$39,000

**David O'Brien**, Rural Sociology, \$33,100

**Deborah Pearsall**, Anthropology, \$26,150

**Charles Presberg**, Romance Languages, \$12,679

**Steven Pueppke**, Plant Pathology, \$36,800

**R. Michael Roberts**, Veterinary Pathobiology, \$20,250

**Youssef Saab**, Computer Engineering & Computer Science, \$16,453

**Hongchi Shi**, Computer Engineering & Computer Science, \$43,410

**Hema Srinivasan**, Mathematics, \$8,500

**Yao Sun**, Cardiology, \$20,840

**Peter Tipton**, Biochemistry, \$44,275

**Steven Van Doren**, Biochemistry, \$50,000

**Igor Verbitsky**, Mathematics, \$8,300

**Garry Young**, Political Science, \$37,608

**Qi Zhang**, Mathematics, \$7,300

**UM-Kansas City**

**Patricia Brodsky**, Foreign Languages & Literature, \$17,200

**Wai-Yim Ching**, Physics, \$15,000

**Bibie Chronwall**, Cellular Biology and Biophysics, \$47,700

**Jean Citron**, Oral Biology, \$38,850

**Laurence Kaptain**, Instrumental Studies, \$22,000

**Thomas Menees**, Cellular Biology and Biophysics, \$50,000

**Louis Potts**, History, \$2,000

**Khosrow Sohraby**, Telecommunications, \$49,280

**Charles Wurrey**, Chemistry, \$17,500

**Marilyn Yoder**, Cellular Biology and Biophysics, \$50,000

#### **UM-Rolla**

**Neil Anderson**, Geology & Geophysics, \$16,100

**Mariesa Crow**, Electrical Engineering, \$49,985

**James Drallmeier**, Mechanical & Aerospace Engineering, \$26,000

**Robert DuBois**, Physics, \$49,500

**Larry Gragg**, History & Political Science, \$4,006

**Ilene Morgan**, Mathematics & Statistics, \$5,700

**John Schmitt**, Physics, \$34,000

#### **UM-St. Louis**

**Ta-Pei Cheng**, Physics & Astronomy, \$14,400

**Wojciech Golik**, Mathematics & Computer Science, \$6,400

**Sharon Levin**, Economics, \$17,860

**Robert Ricklefs**, Biology, \$45,000

**Diane Touliatos**, Music, \$16,725

**Chikako Usui**, Sociology, \$22,947

**Shiying Zhao**, Mathematics & Computer Science, \$24,800

### **Bonagura is MU's new endowed professor**



John Bonagura, a nationally distinguished scholar and teacher in the field of veterinary cardiology, has joined the University of Missouri-Columbia College of Veterinary Medicine as the Gilbreath -McLorn Missouri Professor of Veterinary Cardiology. The appointment is the nation's only endowed professorship in veterinary cardiology.

"In our view, Dr. Bonagura is the leading cardiologist in academic veterinary medicine today. He will bring unique new strengths and visions to the college and MU. With the appointment of Dr. Bonagura, our plans are to provide Missouri citizens with the nation's No. 1 program in veterinary cardiology," said Dr. H. Richard Adams, dean of the College of Veterinary Medicine.

Bonagura, who specializes in echocardiography and cardiovascular pharmacology, will work to enhance the college's clinical veterinary cardiology program. "MU has an excellent base for building one of the nation's strongest clinical veterinary cardiology programs. The University already has a well-established basic cardiology group and outstanding faculty who will be

invaluable collaborators for research," he said. "The endowed professorship also indicates an extremely strong commitment to the program. This is a once-in-a-lifetime opportunity."

Bonagura left Ohio State University, where he had spent 20 years, to accept the position at MU.

The college filled an endowed professorship in veterinary ophthalmology in late 1994, another new position that was created when private donations to the University were matched by

\$550,000 in state appropriations. The combined funds have been placed in endowments to help fund research programs and salary for the new faculty members.

## **Board reviews possible bond issues**

The Board of Curators was told at its February meeting of several new bond issues the Board may be asked to consider during 1996.

UM Executive Vice President Jim McGill noted that the University of Missouri's level of debt is "very low for a university of our size and complexity." When the Board consolidated its debts at modest interest rates in 1993, the University's bond ratings from Standard and Poor's and from Moody's were raised to the highest of any public university in the nation.

The ratings were shared by only the Universities of Michigan, Maryland and Virginia. Since then, Michigan, Virginia and Texas have had rating upgrades.

Today, the University of Missouri is one of only six public universities rated AA+ by Standard and Poor's. Its rating from Moody's is just one step from the highest in public higher education.

Visits will be made to the ratings agencies this spring, McGill said, whose representatives will be informed of the University's successful five-year financial plan, its support by the state, the increasing quality of its student body and the substantial increase in its endowment fund this year.

McGill listed several projects to be funded from System Facilities revenue bonds. (See accompanying list.)

"We plan to go to the debt market once this year," McGill said, "incorporating as many of these projects as are ready." By "bundling" the projects, he said, the University saves issuance costs.

## **Short-Term Notes**

As has been the practice for several years, the University expects to sell one-year capital notes of about \$75 million. They will be bid competitively in June, with closing July 1. The Board will be asked in April to approve a formal resolution authorizing the sale of the notes.

## **Hospital Needs**

"With respect to University Hospital, we are analyzing financing options for its capital requirements," McGill reported. The list of the hospital's five-year capital requirements "is familiar to you," he said. (See accompanying list.) The University would not plan to finance all of the projects in 1996, but "we are developing a debt financing strategy for the ambulatory and critical care projects as well as some remaining items," McGill said.

## **POSSIBLE '96 DEBT ISSUES**

### **SYSTEM FACILITIES REVENUE BONDS \$ - in millions**

Projects	Amount
Parking Garage - UMC	\$12
Student Housing - UMKC	\$13
Student Center - UMSL	\$25
Parking Garage - UMSL	\$20
Student Apartments - UMR	\$1
Total	\$71

### **Other Possible Debt**

Hospital (5-Year Requirements)	Amount
Ambulatory Care/Critical Care	\$75
On-going Capital Projects	\$50
Information Systems	\$25-40
Network Development	\$25-50

## **University travel coordinators available to answer questions**

Do you need to rent a car for a University business trip, have to be out of town overnight due to a University event, or just have a question on University travel policy? These questions and others can be answered by the travel coordinator on your campus.

Vendor contracts are negotiated in the System office to obtain the best rates for employees traveling on University business. Contact your Campus Travel Coordinator for information on the University's travel and corporate card program.

### **Campus travel coordinators are:**

MaryAnn Williamson

225 University Hall

University of Missouri System

573/882-2706

Tom Sadowski

325 Jesse Hall

University of Missouri-Columbia

573/882-2852

Sharon Yaeger

DC001.00

University Hospital & Clinics

573/882-5807

Jerry Hornig

108 General Services Building

University of Missouri-Kansas City

816/235-1398

Jane Dare

G-3 Parker Hall

University of Missouri-Rolla

573/341-4061

Ernie Cornford

205 Woods Hall

University of Missouri-St. Louis

314/516-5091

### **Travel System On The WEB**

Information on the University corporate card and negotiated contracts with hotels, rental cars, and moving companies is available on World Wide Web (WWW) through <http://www.system.missouri.edu>.

This information is also accessible on the UM Business Services home page <http://www.system.missouri.edu:80/busserv/welcome.htm>.

## **Correction:**

The Board of Curators Committee appointments for 1996 printed in the January issue of *Spectrum* contained an error. The following list of committees is correct.

**Executive Committee:** Malaika B. Horne, chair; Theodore C. Beckett, Adam B. Fischer, Fred L. Hall, Jr.

**Academic Affairs Committee:** John D. Collins, chair; Paul T. Combs, Adam B. Fischer, ex officio, Troy L. Nash

**Finance Committee:** Mary S. Gillespie, chair; Theodore C. Beckett, John D. Collins

**Physical Facilities Committee:** Paul T. Combs, chair; John C. Cozad, Mary S. Gillespie

**Resources and Planning Committee:** Theodore C. Beckett, chair; John C. Cozad, James L. McHugh

**Curators' Advisory Committee on Telecommunications Technology:** James L. McHugh, chair; Paul T. Combs, John C. Cozad

**University Hospital and Health Sciences Committee:** Theodore C. Beckett, chair; Mary S. Gillespie, John D. Collins