

Spectrum

Volume 32, Number 2, April 2005

John F. Carney III named as next UM-Rolla chancellor



Dr. John F. Carney III, former provost and vice president for academic affairs at Worcester Polytechnic Institute (WPI) in Worcester, Mass., will become the next chancellor at the University of Missouri-Rolla. University of Missouri President Elson S. Floyd made the announcement March 24. Carney was selected from a list of three finalists developed by a search committee of UM-Rolla faculty, staff, students and alumni.

The University of Missouri Board of Curators approved the appointment of Carney at its April meeting in Rolla.

Carney, 63, will begin his new duties on Sept. 1, 2005. He will succeed current UM-Rolla Chancellor Gary Thomas, who is completing his fifth and final year as chancellor. Thomas announced last year his plan to retire Aug. 31, 2005.

"I am delighted that Dr. Carney has agreed to take the helm of Missouri's premier technological university," Floyd said. "I look forward to working with Dr. Carney and believe his extensive research, teaching and administrative experience will serve the University of Missouri-Rolla well."

"It is an honor to be selected to serve as chancellor of one of the nation's best technological universities," Carney said. "I believe my background and experience in teaching, research and academic leadership will fit well with UM-Rolla's mission and future direction."

"The committee was thrilled with the selection of Dr. Carney as UMR Chancellor," said Dr. Larry Gragg, curators' professor of history and political science and chair of the search committee. "He was part of a very rich pool of well-qualified candidates."

Carney earned a bachelor's degree in civil engineering from Merrimack College in North Andover, Mass., in 1963. He also earned master's and doctorate degrees in civil engineering from Northwestern University in Evanston, Ill. in 1964 and 1966 respectively.

He began his academic career at the University of Connecticut, where he served on the civil engineering faculty. He then joined Auburn University as professor and head of the civil engineering department, a position he held until 1983, when he joined Vanderbilt University as a professor of civil engineering. At Vanderbilt, he later served as associate dean for graduate affairs and then associate dean for research and graduate affairs. He served as WPI's provost and vice president for academic affairs from 1996 through last fall.

The field of impact mechanics has been Carney's major research interest for more than 30 years. His current research activities center on developing reusable, maintenance-free, impact attenuation devices for transportation safety applications.

Carney is the author of over 140 technical publications in the area of structural mechanics. He has served as chair of the Transportation Research Board Committee A2A04 on Roadside Safety Features and as a member of the Executive Committee of the Highway Division of the American Society of Civil Engineers. He also is a fellow of the American Society of Engineers.

Carney will move to Rolla with his wife, Patricia.

Floyd addresses budget, campus accomplishments in report to board

The latest update on the budget and the accomplishments of each campus were the focus of University of Missouri President Elson S. Floyd's address to the Board of Curators at the April 8 meeting in Rolla.

Floyd briefed the board on the status of the University's appropriations request for fiscal year 2006. Gov. Matt Blunt has recommended that public higher education receive a flat appropriation for FY06.

"Given the uncertain economic forecast, we believe that this is the best the governor could have done under the circumstances," Floyd said. "We are grateful for his continued support of where we are as a University."

The governor announced additional reductions in recommended appropriations for FY06 to close a \$239 million budget gap. The recommendations include \$20 million in withholdings to be achieved by early implementation of the proposed reductions for FY06. The June FY05 payments for both Other Curator Programs and UM Health Care will be reduced by \$2.5 million and \$1.4 million, respectively.

"Extraordinary withholdings like this at year end have the potential to compromise our ability to deliver patient care and to rebuild the balance sheet for future capital renewal," Floyd said.

As the budget process continues, Floyd pledged to work closely with elected officials as they "struggle to produce a balanced budget while addressing the state's urgent needs."

In addition to the budget report, Floyd commended each of the University's campuses for the national recognition they continue to receive. The latest rankings from U.S. News and World

Report highlight programs at UM-Columbia, UM-Rolla and UM-St. Louis, while UM-Kansas City was recently recognized by Entrepreneur Magazine.

"Such national honors are indicative of the strong programs and first-rate academic reputation of the University of Missouri, not to mention the outstanding faculty, staff and students on all four of our campuses," he said. "These rankings further prove that the University is committed to excellence and to quality in all that we do."

Floyd also highlighted the achievements at UM-Rolla under the leadership of Chancellor Gary Thomas, who will retire Aug. 31. This was the last board meeting in Rolla during Thomas' tenure. "Our University and this campus are stronger as a result of his contributions in so many ways," Floyd said.

With the appointment of chancellor-elect Dr. John Carney III, Floyd noted that the University looks toward "sustaining this momentum and building on the strong foundation of excellence created during Chancellor Thomas' tenure."

Atkins praises Chancellor Thomas' service, leadership to University

University of Missouri Board of Curators President Tom Atkins highlighted the accomplishments of retiring University of Missouri-Rolla Chancellor Gary Thomas during his report to the board April 8.

Noting that this would be the last board meeting in Rolla during Chancellor Thomas' tenure, Atkins mentioned several of Thomas' many impressive achievements, including strengthening relationships with alumni. Donations to UM-Rolla also increased significantly under his leadership, Atkins noted.

"Chancellor Thomas helped secure the two largest private gifts in University of Missouri-Rolla's history and initiated construction of two new buildings," Atkins said. "It is especially fitting that we are meeting here in this beautiful Havener Center, one of two buildings that began during his chancellorship."

Externally funded research expenditures have doubled during the chancellor's tenure, to \$35 million in 2004.

Under his leadership, UM-Rolla broadened its distance learning offerings to five online degree programs and added graduate certificate programs in 15 different disciplines, from engineering mechanics to military construction management. Thomas also created the School of Extended Learning, which houses all distance and continuing education programs as of January 1.

"All of us owe the chancellor a debt of gratitude for his service to the Rolla campus and his devotion to helping UM-Rolla improve its standing as one of the nation's best technological universities," Atkins said. "I am confident his legacy will serve the University -- and the State of Missouri -- for many years to come."

UM technology transfer showcase honors faculty



Dr. Wynn Volkert with Rep. Carl Bearden and Rep. Judy Baker

University of Missouri faculty members were recognized for their outstanding research at the University's fifth annual Technology Transfer Showcase, held April 12 in Kansas City.

Thomas Sharpe, executive director of the Office of Technology & Special Projects, recognized faculty members who submitted invention disclosures, had patent applications filed by the University in their name, or had their inventions licensed during 2004.

University of Missouri Senior Vice President for Academic Affairs Stephen Lehmkuhle presented awards to faculty members who were granted U.S. patents in 2004. Honorees included: Silvia S. Jurisson, Thomas P. Quinn, Michael F. Giblin, Giovanni Vignale, Michael Edward Flatte, Thomas Engel, Jeffrey O. Phillips, Rajiv S. Mishra, Murray W. Mahoney, William C. Nunnally, Wayne C. McDaniel, David W. Larsen, Zhi Xu, Wayne Garver, Hannah Alexander, Stephen Alexander, Gurmukh S. Johal, Dilbag S. Multani, Douglas D. Randall, Brian P. Mooney, Mark L. Johnston, Michael H. Luethy, Jan A. Miernyk, Kattesh V. Katti, Hariprasad Gali, Wynn A. Volkert, James O. Stoffer, Thomas J. O'Keefe, Eric L. Morris, Scott Hayes, Paul Yu, Alex Williams, Xuan Lin, John Gray, Cecil C. Chappelow, Charles S. Pinzino, J. David Eick, Andrew J. Holder, Shin-Shi Chen and Li Jeang.

Dr. Lehmkuhle also presented the fourth annual Faculty Entrepreneur of the Year Award to Dr. Wynn A. Volkert, curators' professor of radiological sciences, biochemistry, chemistry and nuclear engineering at the University of Missouri-Columbia.

The \$15,000 award is given to a University of Missouri faculty member for a record of entrepreneurial innovation that demonstrates commercial utility, contributes to the public welfare, and brings visibility to the University.

Volkert serves as interim director of the Nuclear Science and Engineering Institute, and as the principal investigator of a \$10.4 million National Institutes of Health award to establish a Center for Cancer Imaging.

Volkert translates his research into new radio-pharmaceuticals for diagnostic and therapeutic applications in humans. His two most prominent inventions have resulted in the development of

FDA-approved radio-pharmaceuticals, Ceretec® and Quadramet®, that are used routinely in patients.

In all, Volkert has written or co-written three Drug Master Files and filed seven Investigational New Drug Applications with the U.S. Food and Drug Administration. He also holds 13 U.S. and several foreign patents.

The Student Entrepreneur of the Year Award was given to Aaron Clarke, a fall 2004 graduate of the School of Management and Information Systems at UM-Rolla. His mentor is Dr. Madhu Reddy, assistant professor of information science and technology/business administration.

The \$2,500 award honors a University of Missouri student who has shown entrepreneurial potential.

In his business capstone course, Clarke was elected the chief executive officer of a 17-member team that worked together in the creation of a company to develop a business plan, obtain bank financing, and sell drinking glasses. The team donated \$3,100 in profits to a charity. Clarke also created a limited liability corporation titled "New Image Deck Renewal."

The showcase is coordinated by the University of Missouri Office of Technology & Special Projects. Created in 1999, the office takes an aggressive, entrepreneurial approach to licensing technologies from all four campuses, creating research and development partnerships, and assisting start-up firms that utilize University discoveries.

Floyd appoints UM-Kansas City chancellor search committee

University of Missouri President Elson S. Floyd announced Feb. 25 the appointment of a search committee to assist in the selection of the 16th chancellor for the University of Missouri-Kansas City.

The 21-member committee represents faculty, staff and students, as well as community members, including alumni and UM-Kansas City trustees.

Greenwood & Associates, an executive search firm, has been selected to work with the committee throughout the search process.

The search committee met in early March, with the intent to have a new chancellor by Sept. 1, 2005.

The committee is chaired by David Atkinson, curators' teaching professor of political science and law in the College of Arts and Sciences.

Other committee members include:

- David Achtenberg, associate professor, School of Law

- Lee Bolman, Bloch professor of leadership, business and public administration, Bloch School of Business and Public Administration
- Bruce Bubacz, curators' teaching professor of philosophy and law, College of Arts and Sciences
- Loyce Caruthers, assistant professor of education, School of Education
- Woody Cozad, UMKC trustee, former curator and attorney for Morrison & Hecker, L.L.P.
- Burton Dunbar, professor of art and art history and chair of the art department, College of Arts and Sciences
- David Eick, curators' professor and chair of oral biology, School of Dentistry
- Marjorie Fonza, clinical associate professor, School of Nursing
- Geoff Gerling, president, Student Government Association
- Carol Grimaldi, executive director, Brush Creek Community Partners
- Kathleen Kilway, associate professor of chemistry, College of Arts and Sciences
- Kelly Limpic, president, UMKC Staff Council and senior human resource specialist, Human Resources
- Trish Marken, professor of pharmacy and division chair, School of Pharmacy
- Freda Mendez Smith, vice president for diversity and minority alumni, UMKC Alumni Association Board
- Leo Morton, UMKC trustee, senior vice president and CAO, Aquila, Inc.
- Christopher Papasian, associate professor and chair of the basic medical science department, School of Medicine
- Randy Pembroke, dean, Conservatory of Music
- Sarah Peters, president, Conservatory Student Association
- Mel Tyler, associate vice chancellor for student affairs and enrollment management
- Alan Weber, president, UMKC Alumni Association and president, Marketing Analytics Group

Alumni Alliance gives awards for outstanding service to UM

The University of Missouri Alliance of Alumni Associations and Extension honored six individuals for outstanding service to the University at the 31st annual Legislative Day, March 16, in Jefferson City.

Chuck Gross, Outstanding Alumni Service to UM-Columbia

Sen. Chuck Gross (R-St. Charles) was elected to the Senate in 2000 to represent District 23. He serves as Chair of the Appropriations Committee and as a member of the Gubernatorial Appointments and Rules, Joint Rules, Resolution and Ethics Committees.

Gross was first elected to the Missouri House of Representatives in 1992. He was reelected for three additional terms. Gross also is vice president of business development for UMB bank.

He is a graduate of the University of Missouri-Columbia, where he received a bachelor's degree and a master's degree, both in public administration.

Gross is the recipient of numerous awards, including the Lewis and Clark Statesman Award from the Regional Chamber & Growth Association, the "Heroes" Award from the Crider Center for Mental Health, the Missouri Christian Coalition Award and the Legacy Award from Community Living.

Linda Eddy, Outstanding Alumni Service to UM-Kansas City

Linda Eddy holds three degrees in voice from the University of Missouri-Kansas City Conservatory of Music as well as a master's degree and doctorate in counseling from the UMKC School of Education.

Eddy began her first career by performing professionally in many national and international venues. Her second career began with her interest in special education. As she taught in the Kansas City, Missouri, School District and at the Spofford Home, her third career interest emerged and led her back to the UMKC School of Education for a doctorate in counseling psychology.

She is a devoted UMKC and community volunteer who has worked for many organizations, including the Salvation Army Auxiliary and the Western Missouri Mental Health Center Advisory Board. She is a founding member of Jazz Friends, which benefits the Conservatory of Music's Jazz Studies Program, and serves as president of the School of Education's Community Counseling Center Board.

Among other honors, she is the 2004 recipient of the UMKC Alumni Service Award.

Gary Thomas, Outstanding Alumni Service to UM-Rolla

Dr. Gary Thomas became chancellor of the University of Missouri-Rolla in the fall of 2000. Thomas will retire as chancellor of UM-Rolla Aug. 31, 2005. Under his leadership, UM-Rolla has experienced strong enrollment growth, increased graduation rates by 15 percent during the past four years, doubled externally funded research support, increased donations to the campus, broadened academic offerings, and increased the number of African-Americans earning engineering degrees.

Thomas came to UM-Rolla from the New Jersey Institute of Technology in Newark, where he served as provost and professor of electrical and computer engineering. He has served in several academic and administrative posts at the State University of New York at Stony Brook. He also was given a gubernatorial appointment to the Student Assistance Board of the State of New Jersey, and was a member of the Licensure Approval and Accreditation Board for the New Jersey Department of Higher Education.

Thomas also served as chair for the Public Service Electric & Gas Research Advisory Committee, chair of the Board of Directors of the Transportation Research Consortium, and chair of the Board of Kessler Medical Rehabilitation Research & Education Corp., among many others.

He holds a bachelor's degree in electrical engineering, master's degree in physics, and doctorate in electrical engineering and computer science, all from the University of California-Berkeley.

Dudley Grove, Outstanding Alumni Service to UM-St. Louis

Dudley Grove is a former elementary school teacher with a long history of volunteer service and 20 years of experience consulting with and providing training for non-profit organizations.

Grove has served as secretary of the Coordinating Board of Higher Education and as the CBHE's representative on the Missouri Higher Education Loan Authority (MOHELA) Board of Directors. She was a Danforth Leadership Program fellow and holds a master's degree in business administration from the University of Missouri-St. Louis.

At UM-St. Louis she has served on the International Center for Tropical Ecology Board, Mercantile Library Board, Chancellor's Council, and Honors College Committee. She has chaired the Public Affairs and Community Relations Committees and is a founder and past chair of the Friends Committee. Grove also has served as an advisor to the Weinman Advocacy Centre at UM-St. Louis.

Among other honors, she is the recipient of the UM-St. Louis Distinguished Volunteer Award, the YWCA Leadership Award, and the American Red Cross Honor Award for Exceptional Volunteer Service.

Doyle Childers, Outstanding Alumni Service to University of Missouri Extension

Doyle Childers was appointed by Gov. Matt Blunt to serve as director of the Missouri Department of Natural Resources (DNR).

Childers served as the 141st district representative in the House from 1982–1996 and as the 29th district senator from 1997–2004.

He has served as a member of DNR's Governor's Advisory Committee on Chip Mills, a body that investigated how tree-harvesting effected Missouri's environment, economy and natural resources.

Childers earned his bachelor's degree at the College of the Ozarks and his master's degree from Southwest Missouri State University. He is a former Peace Corps volunteer and science teacher.

Mary James, Outstanding Alumni Service to UM

Mary James of Harrisonville was appointed to the University of Missouri Board of Curators in 1999 by Gov. Mel Carnahan. She served as president of the board in 2004.

James received a bachelor's degree in education from the University of Missouri-Columbia. She was a school teacher in San Antonio, Texas, and Harrisonville, Missouri. She served as executive

director of the Cass Medical Center Foundation for two years and was the human resources manager for the Cass County Publishing Co. for 26 years.

She is treasurer of the Cass Medical Center Auxiliary, vice-president of the Congressional Award Council of Missouri, and a member of the Harrisonville Area Chamber of Commerce, the American Legion Auxiliary and the Belton-Ozanam Southland Cooperative Advisory Council. She previously served as vice-chairman of the Harrisonville Park Board and vice-president of the Cass Medical Center Foundation.

James is a member of the Cass County MU Alumni Association, a life member of the MU Alumni Association and a trustee of MU's Jefferson Club.

University of Missouri briefs

New long term care plan offered to employees and retirees

The University of Missouri Long Term Care plan is moving to a new insurance carrier, and new features and enhancements have been made to the plan. Effective July 1, 2005, Metropolitan Life Insurance Company will be the new administrator and insurance carrier.

Among other enhancements and expanded options, the new plan offers no upper age limits and no pre-existing conditions exclusions. The plan also offers increases in daily benefit amount options, assisted living facilities coverage and home health care coverage. International coverage also is available.

A summary plan booklet and letter have been distributed to all eligible employees and retirees.

The initial enrollment period is from April 1–May 13, 2005. Informational sessions for both current participants and new enrollments will be held the week of May 2–6 on each campus; for more information and a schedule, visit www.umsystem.edu/ums/departments/hr/benefits/longterm/schedule.shtml.

For those not currently enrolled in the plan, this is a one-time opportunity for benefit eligible employees to enroll on a guarantee issues basis.

New degree proposal approved for UMC

The board approved a proposal for a new degree for a bachelor of science in information technology at UM-Columbia. The program would be part of the computer science department in the College of Engineering and would include focuses in information systems, networks and wireless technology, and media technologies.

The proposed degree program now goes to the Coordinating Board for Higher Education for approval.

Board approves retention of design firms for construction projects

The University of Missouri Board of Curators approved contracts for design projects at the April 8 meeting in Rolla.

A schematic design prepared by Mackey Mitchell Associates, St. Louis, Missouri, for Residence Hall II/III at UM-Rolla was approved by the board. Project funding will be from revenue bonds.

The board approved a schematic design prepared by J.E. Dunn Construction Company, Kansas City, Missouri, for the Hospital Hill Parking Structure at UM-Kansas City. The project will be financed with revenue bonds.

The board also approved a Land Use Agreement with Agricultural Research Service, a division of the U.S. Department of Agriculture, to allow them to construct and utilize a research building on University property. The new building will be an addition on the east end of the existing Life Sciences Building at UM-Columbia.

The Land Use Agreement would be for a period of 25 years, with the option to renew for an additional 25 years upon mutual consent. The ARS/USDA will provide all funding for the construction and operation of the facility.