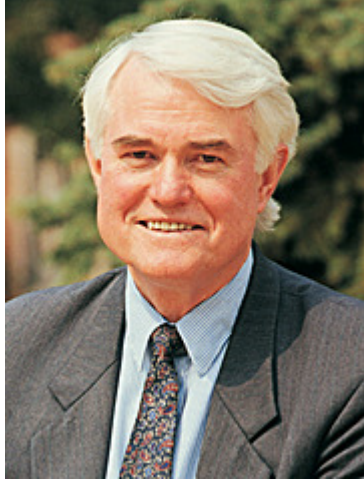# Spectrum

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Thomas announces plans to retire as UM-Rolla chancellor in 2005

Dr. Gary Thomas announced Sept. 1 that he will retire as chancellor of the University of Missouri-Rolla in September 2005.

"When I arrived at UM-Rolla in the fall of 2000, I planned to devote fi ve years to help the campus improve its standing among the nation's best technological universities," Thomas said. "I believe much has been accomplished over the past four years and more progress needs to take place in the future to assure that UM-Rolla takes its rightful place as one of the best technological universities in the nation."

"Chancellor Thomas' experienced leadership and expertise have served Missouri's technological university extremely well," University of Missouri President Elson S. Floyd said.

Floyd noted that under Thomas' leadership, UM-Rolla has experienced strong enrollment growth, Thomas announces plans to retire as UM-Rolla chancellor in 2005 increased graduation rates by 15 percent during the past four years, doubled externally funded research expenditures, increased donations to the campus, broadened academic offerings, and increased the number of African- Americans to earn engineering degrees.

Thomas also helped secure the two largest private gifts in UM-Rolla's history and initiated construction of two new buildings scheduled to open later this year, all during a time of unprecedented state budget cuts to higher education.

"The University of Missouri-Rolla is a stronger institution as a result of the improvements Gary has made," Floyd said. "I will continue to value Gary's wise counsel during his last year as chancellor." Thomas was appointed chancellor of the Rolla campus in July 2000 by then University of Missouri President Manuel T. Pacheco.

Thomas, 67, came to the University of Missouri from the New Jersey Institute of Technology in Newark, where he served as provost and professor of electrical and computer engineering. Before working at the New Jersey Institute of Technology, Thomas 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 on several prestigious boards in such capacities 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.

A native of California, he earned his bachelor's degree in electrical engineering at the University of California at Berkeley in 1960. He earned his master's degree in physics at UC-Berkeley in 1962 and his doctorate in electrical engineering and computer science at the same institution in 1967.

eMINTS National Center Transforming Classrooms

From "adopting" a nearby pond to tracking the presidential election, students in eMINTS classrooms across the state — and now across the country — are using the Internet to explore questions from their lessons. The innovative eMINTS program is motivating students to become better learners and helping them to improve their academic performance.

eMINTS, which stands for enhancing Missouri's Instructional Networked Teaching Strategies, transforms classrooms into places for learning where teachers and students use multimedia tools to better understand the world, work together and achieve at new and higher levels.

"eMINTS is one of the most exciting educational programs that I have seen," said Kandis Smith, assistant vice president for academic affairs at the UM System. Smith also serves as a member of the eMINTS National Center transforming classrooms eMINTS Advisory Board. "The eMINTS program is preparing children for life-long learning. "It is not just using technology in the classroom, but a way of learning that is highly interactive and inquirybased. I wish every teacher could have the joyful experience of being an eMINTS teacher and every student could experience the empowerment of being an eMINTS student."

With an Internet-connected computer for every two students, the program uses technology as a tool. Teachers are trained to master the new technology and instructional methods, using interactive lessons to engage the students and give them a deeper understanding of subjects from social studies to science.

On Feb. 24, 2004, the eMINTS program moved to a new realm when the eMINTS National Center was approved by the general officers of the University of Missouri System. Formerly administered by MOREnet, the eMINTS program is now a fully autonomous entity within the

University of Missouri Office of Academic Affairs, in collaboration with the Missouri Department of Elementary and Secondary Education (DESE).

The goal of the eMINTS National Center is to support educators in Missouri and across the country as they integrate multimedia technology into inquiry-based, student-centered, interdisciplinary collaborative teaching practices. Such practices help to improve student performance, increase parent involvement and enrich instructional effectiveness.

The eMINTS National Center now serves as a resource base for schools, districts and states that wish to collaborate with eMINTS staff and one another to replicate the eMINTS instructional model within their own systems.

Currently the eMINTS program reaches thousands of students from grades 3 to 8 in Missouri and Utah. The program serves 218 school districts in Missouri and five districts in Utah, in addition to a lab school in Springfield and a charter school in St. Louis. The program hopes to expand its presence in Utah.

"The eMINTS program has been replicated in Utah over the past two years with over 50 classrooms established in districts including Granite, Salt Lake, Ogden, Tintic, and Duschene," said Monica Beglau, Director of the eMINTS National Center. "eMINTS staff work closely with the professional development specialists in those districts to recreate the eMINTS program. We have received inquiries from several other states that are interested in working with us."

Two school districts in Missouri, St. Louis and Bunker R-III, are the fi rst to receive Comprehensive School Reform grants to implement eMINTS school-wide. The federal program is managed through DESE. "The Department is really pleased to help facilitate the eMINTS National Center and to see the program implemented in other states," said Susan Cole of DESE. "The Department points to its partnership with the eMINTS program with great pride. eMINTS provides the best of what we value: top quality, deliberate, focused training for teachers and steady, progressive, student learning and achievement."

eMINTS also recently launched a partnership with the International Society for Technology in Education (ISTE) to be one of the fi rst states in the nation to offer special year-long institutes called "Leading with NETS: Developing and Mentoring Change- Leadership Teams for School Improvement with Technology." The ISTE Leadership Institutes in Missouri are designed to help teams of educators develop a deeper understanding of how to improve learning with technology integration and promote systemic change in their schools and districts.

Students in eMINTS programs learn skills that prepare them for the workforce and for the 21st century. The program also has improved students' test scores. Evaluation by the Offi ce of Social and Economic Data Analysis (OSEDA) has shown that students enrolled in eMINTS classrooms in grades 3 and 4 on average perform at a higher level when compared to those not enrolled in eMINTS classrooms. Other research demonstrates the academic gains made by children who live in poverty; when enrolled in eMINTS classrooms, they achieve at higher levels on average than children of poverty not enrolled in eMINTS.

More important, however, is something that cannot be tested: students and teachers in the eMINTS program love learning.

"Participants in the eMINTS program, both teachers and students, become curious, consistent seekers of information," Cole said. "eMINTS teachers never stop learning with their students, and students come to understand that they are a critical part of the teaching and learning experience."

UM Executive Vice President Turner to Retire

University of Missouri System Executive Vice President Ronald J. Turner has announced his intention to retire Dec. 31, 2004. Turner has 42 years of experience in higher education administration, including more than 33 years of service to the University of Missouri.

Turner joined the University in 1965 and served as associate director, project manager, and producer in the Offi ce of Instructional Television at the University of Missouri-Columbia.

In the early 1970s he served as one of the founding officers of the University of Mid-America, a pioneering distance education consortium of Big-Eight and Big-Ten universities located in Lincoln, NE.

Turner returned to hold a variety of administrative and academic positions at the University of Missouri- St. Louis. In 1985 he moved to the University of Missouri's central administration as special assistant to the president. He served as vice president for University Outreach and Director of Cooperative Extension from 1993 to 2003. He was appointed executive vice president of the University of Missouri System in 1998.

"It has been a special privilege to serve the students, faculty and staff of the University of Missouri since UM executive vice president Turner to retire the 1960s and to work closely with so many outstanding and talented members of the University of Missouri community on and off campus," Turner said.

Turner has been active in international educational development in Africa, Latin America and Ireland. He served as management consultant to the Kenyan Agricultural Research Institute in Nairobi. Since its inception in 1986, he has directed the University of Missouri's academic exchange program with a historically disadvantaged South African university, the University of

Western Cape. The UM/UWC program has been recognized internationally as a model international education program. Turner holds the distinction of being the first American to be awarded an honorary doctor's degree from a historically black South African university.

Turner is a native Missourian and a graduate of UM-Columbia where he earned master's and doctoral degrees in speech. Previously he earned a bachelor's degree in education from Southwest Missouri State College.

"Dr. Turner has been an excellent administrator who cares deeply about this institution and the importance of the Land-Grant university mission," UM President Elson S. Floyd said. "We owe Ron a debt of gratitude for his long years of service to Missouri, cooperative extension, and higher education."

Lehmkuhle named senior vice president for academic affairs

Dr. Floyd has appointed Stephen W. Lehmkuhle to be UM Senior Vice President for Academic Affairs, effective Sept. 1, 2004. Lehmkuhle will retain his current duties as UM vice president for academic affairs and assume most of the responsibilities previously held by the executive vice president. The position of executive vice president will not be retained.

As senior vice president, Lehmkuhle will act on the president's behalf when the president is away. Lehmkuhle joined the University of Missouri-St. Louis in 1985 as an associate professor of psychology. He was appointed UM acting vice president for academic affairs in 1996 and was permanently appointed to the position in 1998. He has a bachelor's in psychology from Wright State University and a doctorate in experimental psychology from Vanderbilt University.

UMC and UMKC form cooperative pharmacy program

The University of Missouri-Columbia and the University of Missouri-Kansas City have agreed to form a "Board of Curator's Cooperative Degree Program" to extend the Doctor of Pharmacy Program from the UM-Kansas City School of Pharmacy to the UM-Columbia campus, in collaboration with the UM-Columbia School of Health Professions.

"This cooperative program al-lows the School of Pharmacy to address two key issues in pharmacy education in our state," said Robert Piepho, dean of the UM-Kansas City School of

Pharmacy. "Specifically, these are access for Missouri residents to pharmacy education and the pharmacist shortage that currently faces our state and nation."

The doctor of pharmacy (Pharm.D.) six-year program includes pharmacy courses taught by UM-Kansas City faculty located on both the Columbia and Kansas City campuses, and UM-Columbia courses that will be taught by UM-Columbia faculty.

Over the past ten to fifteen years, the UM-Kansas City School of Pharmacy has developed a num-ber of clerkship and externship sites in central Missouri, many of them involving institutions in Columbia and the surround-ing community. Such interactions resulted in discussions concerning both the need for pharmacists and the possibility of an extended pharmacy education program on the Columbia campus.

The Pharm.D. degree allows graduates to become not only registered pharmacists after successfully completing the State Licensure exams, but also health care professionals with expanded opportunties in the provision of pharmacotherapy and the clinical sciences. The cooperative program also creates a new elective track for students interested in nuclear pharmacy, the first such track available in the state.

In addition, the program allows even greater access for Missouri residents. "The School turned away five of every six applicants last year," Piepho said. "By creatively using the resources of our University system, the entering class size will be increased by 30 percent."

By 2007, the combined efforts in enrollment management at UM-Columbia and UM-Kansas City are expected to increase the entering Pharm.D. class size by 65 percent. Such an increase in number of graduates will help address the state's pharmacist shortage.

The program also expands the number of mid-Missouri pharmacies and hospitals serving as clinical training sites. With its location in the center of the state, the program aims to provide more pharmacists to address the pharmaceutical care needs of rural Missourians.

The new program uses existing campus resources and expertise, and will not require any additional state funds.

Floyd appoints UM-Rolla chancellor search committee

University of Missouri President Elson S. Floyd has appointed a 17-member search committee to assist him in finding a new chancellor for the University of Missouri-Rolla.

Gary Thomas, chancellor at UM-Rolla since September 2000, has announced his intention to retire in September 2005.

Larry Gragg, UMR Distinguished Teaching Professor and chair of the UMR Department of History and Political Science, will chair the search committee. A higher education placement firm will be retained to assist the committee with the national search. The UMR search

committee will review qualified applicants and recommend finalists to Floyd, who will appoint the new chancellor with the concurrence of the UM Board of Curators.

Members of the committee include:

- Craig Adams, UMR John and Susan Mathes Missouri Professorship in Civil Engineering and associate professor of Civil, Architectural and Environmental Engineering, and director of the Environmental Research Center;
- Richard K. Brow, UMR professor and chairman, Department of Materials Science and Engineering;
- Harvest Collier, UMR professor of Chemistry and vice provost for graduate and undergraduate studies;
- Jennifer Fry, chair of UMR Staff Council and an Environmental Specialist in the Department of Environmental Health and Safety;
- Jerry Giger, associate superintendent for Curriculum of Rolla Public Schools;
- Jay Goff, UMR dean of enrollment management;
- Richard Hall, UMR associate dean for the School of Management and Information Systems and associate professor, Department of Information Science and Technology;
- Larry Hendren, president-elect of the UMR Alumni Association and president of Engineering Surveys and Services, Columbia, MO;
- Michael G. Hilgers, UMR president of Academic Council and associate professor, Department of Computer Science;
- Paula M. Lutz, UMR dean of the College of Arts & Sciences;
- John Mathes, member of the UMR Board of Trustees and Curator Emeritus of the University of Missouri;
- Melanie Mormile, UMR associate professor, Department of Biological Sciences;
- E. Keith Stanek, UMR professor, Department of Electrical and Computer Engineering;
- Laura Stoll, UMR registrar;
- Julia Rosemann, president, UMR Student Council; and
- Prasenjit Shil, president, UMR Council of Graduate Students.

"This is a well qualified and broadly representative panel," Floyd said. "Its members are vitally interested in the future of UM-Rolla as a nationally known research institution and Missouri's technological university. I appreciate their willingness to assume this important responsibility."

Floyd encouraged those with an interest in the position of chancellor or in nominating others for the position to contact him or Gragg.

University of Missouri System briefs

Board names distinguished and curators' professors

The University of Missouri Board of Curators approved the appointments of a distinguished teaching professor and three curators' professors at UM-Columbia.

Peter Markie, professor of philosophy, was designated a distinguished teaching professor. Jere Francis, KPMG Distinguished Research Professor; Bina Gupta, professor of philosophy; and Steven C. Hofmann, Luther M. Defoe Professor of Mathematics, were named curators' professors.

The appointees will each receive a $10,000 annual stipend as long as they hold their respective positions. The appointments were effective Sept. 1, 2004.

New degree proposals approved for UMR, UMSL

The board approved proposals for new degrees for a master of education in adult and higher education, an education specialist in education administration, and an education specialist in school psychology at UM-St. Louis. The board also approved proposals for new degrees for a bachelor of science in technical communication and a master of science in technical communication at UM-Rolla.

The new degree programs draw upon existing courses, faculty or facilities on each campus. The proposed degree programs now go to the Coordinating Board for Higher Education for approval.

State Historical Society announces new director

Gary R. Kremer has been named executive director of the State Historical Society of Missouri, effective Sept. 7. Kremer also will serve as director of the Western Historical Manuscript Collection.

Prior to his appointment as director, Kremer served as a professor of history at William Woods University in Fulton. From 1987 to 1991, he was Missouri State Archivist. He previously served on the history faculty at Lincoln University from 1972 to 1987.

Kremer has written, co-authored, and co-edited eight books, and published over 20 articles in scholarly journals. He served as a member of the State Historical Society's board of trustees from 2002 until his appointment as director.

Kremer received bachelor's and master's degrees in history from Lincoln University in Jefferson City and his doctorate in history from The American University in Washington, D.C.

James W. Goodrich, the Society's executive director since 1985, retired in April. A committee comprising members of the Society's executive committee and Stephen Lehmkuhle, UM System senior vice president for academic affairs, conducted a nationwide search to fill the position.

Life sciences incubator planned at UM-Columbia

UM-Columbia is planning a 27,000 square foot life sciences incubator to be located at Research Park. The new center would create economic activity through the formation and incubation of small to mid-size companies in mid-Missouri, most of which will be engaged in life science related activities.

The incubator also will serve as an applied business laboratory for students, including students of the UM-Columbia College of Business.

The Columbia campus is seeking a $2.5 million grant from the U.S. Economic Development Administration to assist in the construction of the center. Pursuant to EDA regulations, the University would be required to restrict the use of the building and land for incubator purposes for twenty years. The incubator facility would be operated and managed by a non-university management company. At the Sept. 9 meeting, the board approved a purpose and use agreement with the EDA that contains these provisions.

The estimated construction cost for Phase 1 of the center is $8.1 million. UM-Columbia is contributing $2.5 million. The remaining funding is being sought from surrounding counties, corporations, private foundations, organizations, alumni and other individuals.

Caruso announces retirement as vice president for information systems

Ralph H. Caruso, University of Missouri Vice President for Information Systems, announced Aug. 2 his intention to retire March 31, 2005.

"My time at the University of Missouri has been exceptionally rewarding," Caruso said. "I have been lucky to have such wonderful colleagues, and I will miss them."

"Ralph Caruso has been a vital part of the University team, and his tireless record of service as the University's first chief information officer speaks for itself," said University of Missouri President Elson S. Floyd. "His expertise and spirited good nature will be greatly missed." As vice president for information systems, Caruso is responsible for the management, leadership, strategic planning, policies and coordination of the University's system-wide information technology activities. He served as the University's first chief information officer from 1992 to 1996.

Prior to joining the University, Caruso had a long career with IBM Corporation, where he was manager of software solution development and held numerous staff and management positions in the areas of finance and planning in the federal and commercial business units.

Floyd noted that organizations are constantly adapting to take advantage of the latest developments in the field of information technology. He said he will review and redefine the position of UM vice president for information systems before launching a national search for Caruso's successor.