

## Educational Goals of UMR

As Missouri's technological university, the University of Missouri-Rolla's mission is to educate tomorrow's leaders. In a world growing increasingly dependent on science and technology, tomorrow's graduates must be prepared to be leaders in more than just their chosen professions. They must also be leaders in business, in government, in education, and in all aspects of society. UMR is dedicated to providing leadership opportunities for its students. The opportunity to receive an excellent technological education is only part of the educational experience received by students at UMR. UMR offers a full range of engineering and science degrees, coupled with business and liberal arts degrees and programs that are vital to the kind of comprehensive education that turns bright young men and women into leaders.

UMR is nationally recognized for its excellent undergraduate engineering programs, and is distinguished for producing cutting-edge research and key technologies vital to the economic success of Missouri and the nation. UMR has a distinguished faculty dedicated wholeheartedly to the teaching, research, and creative activities necessary for scholarly learning experiences and advancements to the frontiers of knowledge. UMR has excellent physical facilities, which support the best possible education in the liberal arts, engineering, science, applied science, and selected interrelated fields.

UMR's programs in science, engineering, and business, its technology transfer programs, its leadership opportunities, and its learning environment are all integral parts of the total educational package available to students who attend the University of Missouri-Rolla.

## Mission Statement

The University of Missouri-Rolla, UMR, has a major responsibility for meeting Missouri's needs for engineering education. UMR offers residential programs with an emphasis on leadership development that include a full range of engineering and science degrees and complementary liberal arts degrees and programs.

UMR conducts research to advance knowledge, to provide essential support for graduate education, and to enhance undergraduate education. There is special emphasis on research in materials, manufacturing, infrastructure, geotechnical, and environmental engineering and science.

UMR assists in the economic development of the state and nation with the transfer of the technology developed through its research programs.

(Approved by the Board of Curators, 07-24-97)

## Vision

The University of Missouri-Rolla continuously strives to provide a superior education for its students. To accomplish this, the university must continue to encourage and reward excellence and creativity in teaching and continue to strengthen an environment conducive to learning. It must also encourage and reward faculty members for their effort to increase sponsored research

in order to offer both more and greater opportunities for graduate students and wider prospects for solving society's problems. As these goals are achieved, UMR's reputation for the quality of its undergraduate and graduate education will continue to grow. The overall results of making good programs even better will be increased enrollments and research funding. The cumulative effect of achieving these goals will be the enhanced recognition of UMR, by both professional bodies and public entities (i.e., *U.S. News and World Report*), as one of the nation's top 50 undergraduate and engineering Ph.D. granting institutions.

UMR is widely recognized as a leading institution of higher education in the State of Missouri and is dedicated to enhancing its role as a nationally prominent technological university. It is:

- A university that is a primary source of leaders in their disciplines who are able to:
  - Identify and solve technical and societal problems;
  - Create, synthesize, and communicate knowledge;
  - Work effectively as team members in diverse environments; and
  - Adapt to change through life-long learning.
- A university whose faculty and staff are committed to excellence in teaching and learning and to student success.
- A university whose faculty, staff and students conduct nationally competitive research to meet societal needs.
- A university that anticipates change and is recognized as a premier source of readily available knowledge, creativity and education and whose faculty, staff and students serve the needs of the society of which it is a part.
- A university committed to providing an environment that fosters the development of all members of the university community to their full potential.

## 6 — Educational Goals of UMR

---

### University of Missouri Board of Curators

Connie Hager Silverstein 1-1-2005 (President)  
Mary L. James 1-1-2005 (Vice President)  
M. Sean McGinnis 1-1-2005  
Thomas E. Atkins, 1-1-2007  
Angela Bennett 1-1-2007  
Anne C. Ream, O.D. 1-1-2007  
Marion H. Cairns, 1-1-2009  
Cheryl D.S. Walker, 1-1-2009  
Don Walsworth, 1-1-2009  
Kathleen Miller (Secretary to the Board)

### Student Representative to the Board

Vicki Eller 1-1-2004

### University of Missouri-Rolla Administrators

Gary Thomas, Chancellor  
Y. T. Shah, Provost  
Wayne Huebner, Vice Provost,  
Research Sponsored Programs  
Harvest L. Collier, Vice Provost, Undergraduate Studies  
Henry A. Wiebe, Vice Provost, UMR Global  
F. Stephen Malott, Vice Chancellor,  
Administrative Services  
Debra Robinson, Vice Chancellor, Student Affairs  
Connie Eggert, Vice Chancellor, University Advancement

### University of Missouri-Rolla Deans and Associate Deans

#### College of Arts and Sciences

Paula M. Lutz, Dean  
Dee Haemmerlie Montgomery, Associate Dean  
Ralph W. Wilkerson, Associate Dean

#### School of Engineering

Robert Mitchell, Dean  
Jerry R. Bayless, Associate Dean  
Mariesa Crow, Associate Dean

#### School of Management and Information Systems

Arlan R. DeKock, Dean  
Ray C. Kluczny, Associate Dean

#### School of Mines and Metallurgy

Lee W. Saperstein, Dean  
Robert C. Laudon, Associate Dean, Instruction  
David C. Van Aken, Associate Dean, Research

#### Enrollment Management

Jay W. Goff, Dean

### UMR Board of Trustees

Richard Arnoldy, ARCO Construction Company, Inc.,  
St. Louis, MO  
Keith Bailey, Williams Companies, Tulsa, OK  
James Berthold, Sunnen Products (retired), St. Louis,  
MO  
Robert Brackbill, Robertson Onshore Drilling  
(retired), Dallas, TX  
Connie Eggert, UMR University Advancement, Rolla,  
MO  
Gary Forsee, Sprint, Kansas City, MO  
Robert Garvey, Former Chair Birmingham Steel,  
Wayzata, MN  
Larry Hendren, Engineering Surveys & Services,  
Columbia, MO  
Robert Keiser, Kerr-McGee (retired), Dallas, TX  
John Mathes, John Mathes & Associates (retired),  
St. Louis, MO  
Philip McNeal, JP Morgan & Company, New York, NY  
J. Ronald Miller, Procter & Gamble (retired),  
Cincinnati, OH  
Zebulun Nash, Exxon Mobil Chemical Company,  
Baytown, TX  
William Patton, Former VP Unisys, Los Angeles, CA  
Richard Stegemeier, Unocal Corp (retired),  
Anaheim, CA  
Cynthia Tang, Insight Industries Inc. (retired),  
Platteville, WI  
Gary Thomas, UMR Chancellor, Rolla, MO  
Richard Vitek, Fotodyne Inc. (retired), Hartland, WI  
William Walker, Planar Systems Inc., Beaverton, OR  
Theodore Weise, Federal Express Corporation  
(retired), Memphis, TN  
Joan Woodard, Sandia National Laboratories,  
Albuquerque, NM

### UMR Named Professorships

Ming Leu, *Keith & Pat Bailey Missouri Professorship*  
Jay Switzer, *Castleman/FCR Missouri Endowed  
Professorship of Discovery in Chemistry*  
Keith Stanek, *Fred Finley Distinguished Professorship  
in Electrical Engineering*  
Don Wunsch, *Mary K. "Jimmie" Finley Missouri  
Professorship in Computer Engineering*  
Jay Gregg, *Gulf Oil Foundation Professorship*  
Tony Nanni, *Vernon & Maralee Jones Missouri  
Professorship in Civil Engineering*  
Craig Adams, *John & Susan Mathes Missouri  
Professorship in Civil Engineering*  
(Search in Progress), *Robert H. Quenon Missouri  
Professorship of Mining Engineering*  
Vittal Rao, *William A. Rutledge-Emerson Electric Co.  
Distinguished Professorship in Electrical Engineering*  
Reza Zoughi, *Schlumberger Endowed Professorship  
in Electrical Engineering*  
Ann Miller, *Cynthia Tang Missouri Professorship in  
Computer Engineering*  
Larry Grayson, *Union Pacific Foundation/Rocky  
Mountain Energy Company Professorship*

**Charles Alexander**, *Maxwell C. Weiner Missouri Distinguished Professorship for the Humanities*  
**Von Richards**, *Robert V. Wolf Missouri Professorship in Metallurgical Engineering*  
**J. David Roberts**, *Karl F. Hasselmann Missouri Endowed Professorship/Chair in Geological and Petroleum Engineering*  
**Shubhender Kapila**, *Missouri Soybean Research Professorship*

- New Student Programs (573)341-4025
- Registrar (573)341-4181
- Residential Life & Student Support(573)341-4218
- School of Engineering (573)341-4151
- School of Mangement & Information Systems (573)341-4184
- School of Mines and Metallurgy (573)341-4153
- Student Financial Aid (573)341-4282
- University Police (573)341-4300
- Vice Chancellor Student Affairs (573)341-4292

## Curators' Professors

**David A. Summers** of Mining Engineering  
**Delbert E. Day** of Ceramic Engineering (Emeritus)  
**Wei-Wen Yu** of Civil Engineering (Emeritus)  
**Walter Eversman** of Mechanical & Aerospace Engineering  
**Thomas J. O'Keefe** of Metallurgical Engineering (Emeritus)  
**Ronald E. Olson** of Physics  
**Franklin Yih Cheng** of Civil Engineering (Emeritus)  
**Harlin U. Anderson** of Ceramic Engineering (Emeritus)  
**Ta-Shen Chen** of Mechanical Engineering (Emeritus)  
**Alfred L. Crosbie** of Mechanical Engineering  
**Richard D. Hagni** of Geology & Geophysics (Emeritus)  
**Frank D. Blum** of Chemistry  
**Robert E. Moore** of Ceramic Engineering (Emeritus)  
**Bassem F. Armaly** of Mechanical Engineering  
**Don H. Madison** of Physics  
**James O. Stoffer** of Chemistry (Emeritus)

## Distinguished Teaching Professors

**Donald R. Askeland** of Metallurgical Engineering (Emeritus)  
**Leonard F. Koederitz** of Geological & Petroleum Engineering (Emeritus)  
**Jack B. Ridley** of History & Political Science (Emeritus)  
**Lawrence O. Christensen** of History & Political Science (Emeritus)  
**Frances D. Haemmerlie Montgomery** of Psychology  
**James J. Bogan** of Philosophy & Liberal Arts  
**Roger A. LaBoube** of Civil Engineering  
**Nord L. Gale** of Biological Sciences (Emeritus)

## For More Information

If you have additional questions, write or call the Director of Admissions, University of Missouri-Rolla, Rolla, MO 65409-1060 (573) 341-4164. You also may wish to contact one of the following offices for specific information:

- Career Opportunities Center (573)341-4343
- College of Arts & Science (573)341-4131
- Counseling & Academic Support (573)341-4211
- Disability Support & Services (573)341-4222
- Intercollegiate Athletics (573)341-4175
- International & Cultural Affairs (573)341-4208
- Minority and Women in Engineering and Science Program (573)341-4212

