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# Department of Higher Education

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Jefferson City 65109-5717  
Telephone: (573) 751-2361 / FAX: (573) 751-6635  
[www.dhe.mo.gov](http://www.dhe.mo.gov)

The Coordinating Board for Higher Education (CBHE) was authorized by an amendment to the Missouri Constitution in 1972 and established by statute in the Omnibus State Reorganization Act of 1974. The nine board members, one from each congressional district, are appointed by the governor and confirmed by the Senate. The term of appointment is six years. No more than five of the nine members may be affiliated with the same political party, and all members serve without compensation. The coordinating board has statutory responsibilities for higher education services, and oversees the activities of the Department of Higher Education.

The coordinating board appoints the commissioner of higher education to head the Department of Higher Education and carry out the goals and administrative responsibilities for the state system of higher education, which serves more than 360,000 students through 13 public four-year colleges and universities, 19 public two-year colleges, one public two-year technical college, 25 independent colleges and universities, and 120 proprietary schools.

The Department of Higher Education's primary responsibilities include identification of statewide planning for higher education (including independent institutions), evaluation of student and institutional performance, review of institutional missions, development of specialization among institutions, administration of a performance funding program encouraging achievement of statewide priorities, submission of a unified budget request for public higher education to the governor and the Missouri General Assembly, administration of a statewide postsecondary technical education program, establishment of guidelines to promote student transfer among institutions, approval of new degree programs offered by public colleges and universities, policy setting for and administration of student financial assistance programs, and administration of the Proprietary School Certification Program.



SANDRA KAUFFMAN  
Chair, Coordinating Board for  
Higher Education



LOWELL KRUSE  
Vice Chair, Coordinating Board  
for Higher Education



DUDLEY GROVE  
Secretary, Coordinating Board  
for Higher Education



JOHN BASS  
Member, Coordinating Board  
for Higher Education

## Missouri Student Assistance Resource Services (MOSTARS)

The coordinating board has statutory responsibility for the administration of state student financial assistance programs. MOSTARS, the student assistance division of the Department of Higher Education, administers the following financial assistance programs: Charles Gallagher Student Financial Assistance Program, "Bright Flight" Higher Education Academic Scholarship Program, Missouri College Guarantee Program, Advantage Missouri Program, Marguerite Ross Barnett Memorial Scholarship Program, Vietnam Veteran's Survivor Grant Program, and Public Service Officer or Employee's Child Survivor Grant Program.

MOSTARS administers approximately \$440 million in state and federal financial aid (grants, scholarships and low-interest student loans) to 136,000 students annually. In addition, MOSTARS conducts outreach activities to improve consumer information about opportunities for postsecondary education and student financial assistance in Missouri and to help students avoid defaulting on their educational loans and accumulating credit card debt.

The coordinating board also has statutory responsibility for the Missouri Student Loan Pro-



DIANA BOURISAW  
Member, Coordinating Board  
for Higher Education



MARIE CARMICHAEL  
Member, Coordinating Board  
for Higher Education



ROBERT LANGDON  
Member, Coordinating Board  
for Higher Education



KATHRYN SWAN  
Member, Coordinating Board  
for Higher Education



MARY JOAN WOOD  
Member, Coordinating Board  
for Higher Education



QUENTIN WILSON  
Commissioner of  
Higher Education



JAMES MATCHEFTS, Ph.D.  
Associate Commissioner  
MOSTARS



ROBERT STEIN, Ph.D.  
Associate Commissioner  
Academic Affairs and Planning

gram, the state's designated student loan guaranty agency. The MSLP is part of MOSTARS, and is responsible for administering the Federal Family Education Loan Program. Through this program, the MSLP guarantees low-interest loans that are provided by eligible lending institutions to students attending approved postsecondary institutions.

The Department of Higher Education also has administrative responsibility for several additional federal programs as well as organizational responsibility for the Missouri State Anatomical Board.

The coordinating board is undertaking a quality improvement initiative designed to take Missouri higher education in an important new direction. As part of the move toward quality improvement, board members have adopted the Missouri Quality Award criteria as their framework for fostering the improvement of Missouri higher education. These quality criteria will guide both the promotion of performance excellence within the department as well as DHE efforts to encourage such initiatives within institutions.

### Missouri Coordinating Board for Higher Education

**Kauffman, Sandra**, (R), chair, Kansas City, June 2004;



JOSEPH MARTIN, J.D.  
Associate Commissioner  
Fiscal and Legislative Affairs

**Kruse, Lowell**, (R), vice chair, St. Joseph, June 2008;

**Grove, Dudley**, (R), secretary, St. Louis, June 2004;

**Bass, John**, (D), St. Louis, June 2006;

**Bourisaw, Diana**, (R), Imperial, June 2006;

**Carmichael, Marie**, (D), member, Springfield, June 2006;

**Langdon, Robert**, (D), Lexington, June 2008;

**Swan, Kathryn**, (D), Cape Girardeau, June 2004;

**Wood, Mary Joan**, (R), member, Cairo, June 2002.

*Personnel, Department of Higher Education:  
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## Missouri State Anatomical Board

Department of Pathology and Anatomical Sciences  
Medical Science Bldg.  
University of Missouri–Columbia  
Telephone: (573) 882-2288 / FAX: (573) 884-4612

Established in 1887, the Missouri State Anatomical Board functions to receive “unclaimed” human bodies requiring burial at public expense and to distribute them for scientific study to certain qualified schools. The board, which operates under state law (RSMo 194.120–180), was transferred to the Department of Higher Education by the State Omnibus Reorganization Act in 1974.

In 1955, the anatomical board also was authorized to receive bodies by will and codicil (RSMo 474.310). In 1969, the board was designated a recipient for bodies donated under the Uniform Anatomical Gift Act (RSMo 194.230).

The day-to-day business of the anatomical board is handled through local anatomical boards or secretaries in Columbia, Kansas City, Kirksville and St. Louis. The annual meeting of the entire board is in May in Columbia. Officers are elected for two-year terms.

Each qualified school that is a member of the board pays an assessment in proportion to the number of students in attendance. The state board secretary/treasurer receives 16 cents per student enrolled in the state, and each local board secretary receives 24 cents per registered student in the local anatomical district. The secretary to the state secretary/treasurer receives eight cents per registered student. The president and vice president serve without pay. Management of the board rests on its secretary/treasurer, whose office is located at the University of Missouri–Columbia School of Medicine.

### Officers, Missouri State Anatomical Board

**Towns, Dr. Lex C.**, president, May 2001-03, Department of Anatomy, Kirksville College of Osteopathic Medicine, Kirksville 63501, Telephone: (660) 626-2349, [ltowns@kcom.edu](mailto:ltowns@kcom.edu);

**Cooper, Dr. Margaret H.**, vice president, May 2001-03, Department of Anatomy and Neurobiology, St. Louis University, School of Medicine, St. Louis 63104, Telephone: (314) 577-8288, [coopermh@slu.edu](mailto:coopermh@slu.edu);

**Dunkerley, Dr. Gary B.**, secretary/treasurer, May 2001-03, Department of Pathology and Anatomical Sciences, University of Missouri–Columbia, School of Medicine, Columbia 65212, Telephone: (573) 882-8909, [dunkerley@health.missouri.edu](mailto:dunkerley@health.missouri.edu).



DR. LEX C. TOWNS  
President, Missouri  
State Anatomical Board



DR. MARGARET H. COOPER  
Vice President, Missouri  
State Anatomical Board



DR. GARY B. DUNKERLEY  
Secretary/Treasurer, Missouri  
State Anatomical Board

## University of Missouri System

[www.system.missouri.edu](http://www.system.missouri.edu)

With campuses in Columbia, Kansas City, St. Louis and Rolla, plus a statewide outreach and extension program, the University of Missouri System serves Missourians from all walks of life.

The university has provided teaching, research and service to Missouri since 1839. It is the state's premier public research university with an enrollment of approximately 60,000 students.

Providing quality teaching is the university's foremost concern. The university awards more than 11,000 degrees annually and is Missouri's only public university that grants doctoral degrees as well as degrees in law, medicine, optometry, pharmacy, dentistry and veterinary medicine.

To make the most effective use of resources and better serve Missouri's needs, the university's campuses often share the responsibility for providing academic programs, such as the doctoral degree program in nursing. The university also cooperates with other Missouri educational institutions, public and private, to improve access to its programs, such as the doctoral degree in education.

The university also partners with industry, as exemplified by the University of Missouri

Research Park (MRP) near St. Louis. The MRP provides opportunities for joint research and development and benefits the area's economy. The university also operates a technology park at Fort Leonard Wood. Funded by the university with matching funds from the Missouri Technology Corporation, the technology park is the first such project on an active U.S. army post. The university receives about \$120 million annually in federal grants and contracts for research in areas ranging from agriculture to aerospace.

University Outreach and Extension focuses the resources of the university on high-priority needs at the local level. Research is conducted not only on the campuses but also through the programs in each of Missouri's 114 counties. County extension centers offer programs on agricultural profitability, community resource development, family strengths and youth development, environmental technologies, business and industry, and urban problems among other areas.

Continuing education programs on and off campus make university expertise widely accessible, as does the university's support of computer and telecommunications technologies to link Missouri's public schools and libraries.

The University of Missouri System is governed by a Board of Curators composed of nine persons appointed by the governor and confirmed by the Senate. The board also has a non-voting position for a student representative.

The university's chief administrative officer is the president, and each campus is directed by a chancellor.

## Members, Board of Curators

**Silverstein, Connie Hager**, (D), president, St. Louis, Jan. 1, 2005;

**James, Mary L.**, (D), vice president, Harrisonville, Jan. 1, 2005;

**Atkins, Thomas E.**, (R), Columbia, Jan. 1, 2007;

**Bennett, Angela M., J.D.**, (D), Kansas City, Jan. 1, 2007;

**Cairns, Marion H.**, (R), Webster Groves, Jan. 1, 2009;

**McGinnis, M. Sean**, (D), Springfield, Jan. 1, 2005;

**Ream, Anne C., O.D.**, (R), West Plains, Jan. 1, 2007;

**Walker, Cheryl, D.S.**, (R), St. Louis, Jan. 1, 2009;

**Walsworth, Don**, (D), Marceline, Jan. 1, 2009;

**Eller, Vicki M.**, student representative / non-voting, Rolla, May 31, 2003.

## University of Missouri–Columbia

Telephone: (573) 882-2121  
www.missouri.edu

Authorized only 18 years after the Missouri Territory became a state, the University of

Missouri–Columbia (MU) is the oldest state university west of the Mississippi River and the oldest in the Louisiana Purchase Territory. The university, created by the Geyer Act of the 10th General Assembly of 1839, was designed according to Thomas Jefferson's pattern for the University of Virginia.

The first president of the University of Missouri, John Hiram Lathrop, took office in 1841. Columbia College, a private institution purchased by the university, housed classes until July 1843 when they were moved to Academic Hall, the first building constructed for the university.

Federal troops' occupation of the university forced its closing for a time in 1862. The signing into law of the land-grant college act, commonly known as the Morrill Act, gave the university 330,000 acres of land with proceeds used for the development of instruction and instructional facilities in agriculture and the mechanic arts. Through this assistance, both the College of Agriculture in Columbia and the School of Mines and Metallurgy in Rolla were established. The Morrill Act brought great encouragement to the university because until 1867 no state funds had been appropriated for its operation.

In 1892, fire destroyed Academic Hall, leaving only its six stately columns, the best-known symbol of the university today. The present administration building, Jesse Hall, was completed in 1895.

Currently, MU has the following schools and colleges: the College of Agriculture, Food and Natural Resources, with a School of Natural Resources; College of Arts and Science with a School of Fine Arts and a School of Music; College of Business, with a School of Accountancy; College of Education, with a School of Information Science and Learning Technologies; College of Engineering; Graduate School, with the Harry S Truman School of Public Affairs; College of Human and Environmental Sciences with a School of Social Work; School of Health Professions; School of Journalism; School of Law; School of Medicine; School of Nursing; and College of Veterinary Medicine. The enrollment of the University of Missouri–Columbia is more than 26,000 students.

## College of Agriculture, Food and Natural Resources

Established as a division of the University of Missouri in 1870 under provisions of the first Morrill Act of 1862, the College of Agriculture, Food and Natural Resources offers the degree of bachelor of science. Specializations are offered in agriculture economics, agri-business management, agriculture education, biological engineering, agricultural journalism, agricultural sys-



CONNIE HAGER SILVERSTEIN  
President  
UM System Board of Curators



MARY L. JAMES  
Vice President  
UM System Board of Curators



THOMAS E. ATKINS  
Member  
UM System Board of Curators



ANGELA M. BENNETT, J.D.  
Member  
UM System Board of Curators



MARION H. CAIRNS  
Member  
UM System Board of Curators



M. SEAN MCGINNIS  
Member  
UM System Board of Curators



ANNE C. REAM, O.D.  
Member  
UM System Board of Curators



CHERYL WALKER, D.S.  
Member  
UM System Board of Curators



DON WALSWORTH  
Member  
UM System Board of Curators



VICKI M. ELLER  
Student Representative  
UM System Board of Curators



DR. ELSON S. FLOYD  
President  
UM System

tems management, animal sciences, biochemistry, food science, general agriculture, hotel and restaurant management, and plant science.

The School of Natural Resources, within the College of Agriculture, Food and Natural Resources, offers four undergraduate curricular programs: forestry; fisheries and wildlife; parks, recreation and tourism; and soils and atmospheric sciences. Advanced degrees are offered through the Graduate School.

The college's research is conducted in Columbia through the agricultural experiment

station authorized in 1887 by the Hatch Act, and at area centers throughout the state that fit unique localized situations. Research strengths include life sciences, agricultural biotechnology, genomics and bioinformatics, phytonutrients, mineral nutrition, animal reproductive biology, animal nutrition, agroforestry and environmental sciences.

Through University Extension the College of Agriculture, Food and Natural Resources conducts educational and outreach activities related to agriculture and natural resources throughout Missouri. Focused interdisciplinary programs are



organized around the themes of agribusiness management, integrated crop management, live-stock production systems, horticulture and forestry and environmental quality.

## College of Arts and Science

The College of Arts and Science, oldest and largest division of the university, provides liberal education programs in the basic humanities, social sciences, and natural sciences. Within the School of Fine Arts are the School of Music and the departments of art and theatre.

Presently, the college offers the following baccalaureate degrees: bachelor of arts, bachelor of fine arts, bachelor of sciences, bachelor of music, and bachelor of general studies. Students pursuing advanced degrees of master of arts, master of fine arts, master of science, and doctor of philosophy enroll in the graduate school.

MU's General Education Program is recognized as a model for undergraduate education at major public research universities—Mizzou is one of only eight universities, and the only one in the Big 12, to be honored with the Hesburgh Award. Faculty across campus are deeply involved in enterprise, fine-tuning it and working across academic disciplines to deliver a unique educational experience to MU students. One aspect of the program that has drawn national attention is the incorporation of writing across the undergraduate curriculum—two writing intensive courses. Nearly 120 sections of writing intensive courses are offered each semester at MU, representing every department in every undergraduate division at the institution.

Special programs that enhance the curriculum are the Summer Repertory Program in theatre; a summer field camp in Wyoming for students of geology; and the Center for the Literary Arts, uniting creative writing in the English department, literary writing in journalism, and writing for the stage and screen in theatre. Mizzou on Tour allows music students to audition for a performance in New York, most recently at Carnegie Hall; Mizzou on Broadway offers theatre students a chance to perform original plays in New York; and the Undergraduate Research Mentorship encourages undergraduate students to collaborate on research with respected faculty members.

## College of Business

The College of Business at the University of Missouri–Columbia was founded in 1914, starting out with 15 students and nine professors. Today, the college enrolls more than 3,200 undergraduate students and over 300 graduate students. The college has 42 full-time faculty and



DR. RICHARD L. WALLACE  
Chancellor, University of  
Missouri-Columbia

four academic units—Accountancy, Finance, Management and Marketing.

The college offers an undergraduate degree in business administration, an MBA degree, a 150-hour program that confers both undergraduate and master's degrees in accountancy upon completion of the entire curriculum, and doctoral degrees in both accountancy and business administration. These programs are fully accredited by the International Association for Management Education.

For nearly 90 years, the College of Business has maintained a proud tradition of outstanding instruction and meaningful research. Over the past five-years, the college's faculty has earned more than 25 university wide teaching and advising awards. The college has nationally and internationally known scholars in every academic unit and is the editorial home of *The Financial Review*. In addition, several faculty hold editorial positions with academic journals, and others serve as officers of professional associations.

Three outreach programs affiliated with the College of Business—the Financial Research Institute, the Missouri Training Institute and the Small Business Development Center—serve companies, government agencies and other organizations as well as faculty, staff and students. The college's Career Services Office provides placement assistance to graduating students and prospective employers.

The College of Business takes great pride in its graduates. Over 29,000 alumni are contributing their expertise to the public and private sectors in every state in the United States and in a host of foreign countries.

## College of Education

The programs of the College of Education and its School of Information Science and Learning Technologies provide preservice preparation and specialization in teaching; continuing professional education for practicing teachers,

administrators, and special service personnel; and advanced study at the graduate level.

Two baccalaureate degrees are offered: the bachelor of science in education, which leads to certification to teach at the elementary, middle or secondary level, and the bachelor of educational studies, which provides an opportunity for those interested in non-public school education to prepare for jobs tailored to their education-related aspirations. Graduate programs lead to master of arts, master of education, specialist, doctor of education and doctor of philosophy degrees.

Among its special facilities contributing to service and research are: Center for Technology Innovations in Education; National Center for Middle Level Mathematics; Middle Leadership Center; Center for Educational Policy Analysis; Assessment and Consultation Clinic; Assessment Resource Center; Center for Innovations in Special Education; Instructional Materials Laboratory; microcomputer laboratories; and Reflector and Career Services.

## College of Engineering

The College of Engineering, one of the oldest engineering schools in the nation, offers bachelor of science, master of science, and Ph.D. degrees. Its departments and programs include: Biological Engineering, Chemical Engineering, Civil and Environmental Engineering, Computer Engineering and Computer Science, Electrical and Computer Engineering, Industrial and Manufacturing Systems Engineering, and Mechanical and Aerospace Engineering.

In addition to its teaching responsibilities, the College of Engineering also has important responsibilities in fundamental and applied research involving faculty members from all engineering departments. A number of research centers have also been established.

## Graduate School

MU is one of the most comprehensive and diverse universities in the United States and a member of the Association of American Universities, the National Association of State Universities and Land-Grant Colleges, the Association of Graduate Schools, and the Council of Graduate Schools, among other affiliations.

MU is classified as a doctoral/research extension institution by the Carnegie Foundation for the Advancement of Teaching, the designation for the nation's top research institutions. The university also is accredited by the North Central Association of Colleges and Secondary Schools. Various schools, colleges and departments also are accredited by their own professional associations and accrediting agencies.

The scope and quality of MU's graduate programs distinguish it from other public institutions in Missouri and across the country. MU's Graduate School enrolls more than 4,000 graduate students in more than 90 graduate degree programs. In its history, the school has awarded more than 55,000 master's degrees; 1,100 educational specialist degrees; and 10,500 doctoral degrees.

Graduate programs are designed by MU's graduate faculty to meet both societal needs and the career and intellectual objectives of the individual graduate student. MU's federal funding for research projects has increased 66 percent since 1997, and the knowledge and skills gained from this student and faculty research contribute significantly to today's knowledge-based economy.

## Harry S Truman School of Public Affairs

Established by the Board of Curators in May 2001, the mission of the Harry S Truman School of Public Affairs is to advance the knowledge and practice of governance in Missouri, the nation, and beyond by informing public policy, educating for ethical leadership in public service, and fostering democratic discourse among citizens, policymakers and scholars. The Truman School grew out of MU's well-regarded Department of Public Administration and builds on its 40-year history of professional education for public service careers.

The Truman School offers the MPA degree as well as a joint MPA/JD with the MU Law School. Through affiliated centers and institutes, faculty conduct cutting-edge research, provide consulting services to public and nonprofit organizations, deliver leadership training to public officials, and bring academic expertise directly to policy makers. Policy forums, roundtables with policy makers, lectures by distinguished visiting scholars, and research symposia make for an exciting and highly relevant learning environment.

## College of Human and Environmental Sciences

The college's mission touches the heart of humanity: to develop and nurture the release of human potential, applying knowledge for the betterment of the human condition. Beginning with the basics—food, clothing, shelter, finances, family and community—HES concentrates on providing scientific solutions for contemporary challenges in human lives. Rooted in the university since 1900 and established as a separate division in 1973, the college offers bachelor's and master's degrees in five departments: human development and family studies with emphases

in children in group settings, family studies, child life and human development across the life span; textile and apparel management with emphasis in apparel marketing and merchandising, international studies, apparel manufacturing management; consumer and family economics with emphases in personal financial management services and personal financial planning; environmental design with emphases in interior design and interior design with pre-architecture; and nutritional sciences with emphases in dietetics, nutrition and fitness and nutritional sciences. A doctor of philosophy degree in human environmental sciences is offered with specialization in the five departments.

The MU School of Social Work educates leaders who are grounded in today's societal realities, are able to dynamically respond to the immediacy of change, and can be proactive in a manner that creatively anticipates and plans for the future. The School of Social Work joined the College of Human Environmental Sciences in 1988. Bachelor of social work, master of social work degrees, and a doctorate of philosophy in social work are offered in the School of Social Work. The doctoral program focuses on public policy for services administered and/or funded by state government; rigorous research training; and interdisciplinary orientation. MU's School of Social Work provides the only doctoral program at a public institution in Missouri. Through University Outreach and Extension, educational activities are transmitted to citizens of the state. Research is conducted throughout the departments and at the Agricultural Experiment Station, with state and federal support from agencies and the private sector.

Human Environmental Sciences programs prepare students for professional positions in business, industry, government, education, human services and research. Accreditation has been earned within specializations. Recognized as a leading human sciences program in the United States Human Environmental Sciences is unique among professional peers in its comprehensive use of advisory boards for each department and the School of Social Work. Experts in the employment community provide guidance and support fields to students and faculty as well as perspectives from their specialized fields to enrich curriculum development.

### School of Journalism

Professional journalists consistently give the Missouri School of Journalism more top rankings than any other school of journalism in the country. The school, the first in the world, offers the bachelor of journalism degree with six areas of emphasis. Three-fourths of a student's course work is in liberal arts, the sciences, and the

social sciences; the other fourth is in professional journalism courses. Advanced study in the graduate school leads to the master of arts and doctor of philosophy degrees in journalism.

*The Columbia Missourian* and *Vox Magazine*, its weekly supplement, *IPJ Global Journalist*, a four-color quarterly magazine on international journalism, KOMU-TV, and KBIA-FM serve as laboratories for students to perform editorial, advertising, feature, and photographic work under faculty supervision.

### School of Law

The School of Law, established in 1872, has a distinguished and diverse faculty, all of whom are experienced in the practice of law. The juris doctor degree is conferred upon students who complete three years of study. All graduates are prepared for licensing exams as attorneys in all of the United States. In 1999, the school started its LL.M. in Dispute Resolution degree program.

The school provides both a traditional legal curriculum and practical education in such areas as trial practice and advocacy, clinical education involving representation of clients in a variety of settings, negotiation, client interviewing, counseling, and computerized legal research. The school is also a national leader in alternative dispute resolution practice. MU law students publish the highly regarded *Missouri Law Review*, the *Journal of Dispute Resolution*, and the *Missouri Environmental Law and Policy Review*. They also operate the Board of Advocates, which conducts a wide variety of advocacy competitions.

### University of Missouri Health Care

The health-care needs of rural Missourians comprise the central mission of MU Health Care, which provides education, research and clinical services through its schools, hospitals and clinics.

### Hospitals and Clinics

Patients come from every county in the state to receive primary, acute and rehabilitative care at University Hospital, Children's Hospital, Ellis Fischel Cancer Center, Columbia Regional Hospital and Rusk Rehabilitation Center. The health-care system also includes Missouri Rehabilitation Center in Mount Vernon and associated clinics in Columbia and other mid-Missouri communities. Physicians from MU Health Care also travel on a regular basis to communities throughout Missouri to hold outreach clinics.

### School of Medicine

The origin of health-care education at MU can be traced to 1841 when the university affili-



ated with Kemper College in St. Louis. After offering a two-year preclinical sciences degree for many years, the School of Medicine expanded to a comprehensive four-year medical program in 1955. Today, the School of Medicine and its Department of Family and Community Medicine consistently are ranked highly by *U.S. News and World Report* for their leadership in primary-care education.

Through the Rural Scholars Program and other admission initiatives, more than half of new medical students come from rural Missouri communities. The medical school's problem-based curriculum offers case-based learning in small-group settings and provides a number of opportunities for students to gain practical experience at rural clinics and hospitals.

MU biomedical scientists have gained national attention for their research in arthritis rehabilitation, cardiovascular medicine, kidney dialysis, diabetes, cystic fibrosis, nuclear medicine, cancer and children's psychiatric disorders.

The School of Medicine, in conjunction with the hospitals, offers 35 fully accredited residency training programs and advanced degrees in the basic medical sciences. As part of the School of Medicine, a program in Health Management and Informatics is offered to educate both traditional students and experienced health-care administrators through its master's degree programs.

## MU Sinclair School of Nursing

The MU Sinclair School of Nursing offers educational programs at the baccalaureate, master's and doctoral levels. It is committed to promoting, maintaining, and improving health and health care delivery in Missouri and worldwide through nursing education, research, practice and service. The school is nationally accredited by the Commission of Collegiate Nursing Education and approved by the Missouri State Board of Nursing.

The undergraduate program, offering preparation for professional nursing, leads to the degree of bachelor of science in nursing and prepares our graduates to practice as generalists in a variety of health-care settings. For the BSN program, students apply to the clinical nursing major during their sophomore year. MU also offers a web-based RN-BSN degree option and an accelerated option for individuals with a baccalaureate degree in another area.

At the master's level, advanced practice nurses are prepared as nurse practitioners and clinical nurse specialists in mental health, public health and case management, pediatric, family or gerontological nursing. Nursing education, nursing administration and school-health nursing may also be studied.

The doctoral nursing program, the first cooperative PhD in nursing to be offered at a public university in Missouri, prepares nurse scholars to assume leadership positions in service and educational settings, advancing the discipline, conducting research, and contributing to the development of social and health policy. The school's activities are purposefully designed to prepare our nurses on all levels for a variety of leadership and scientific roles, and to meet the knowledge and technology requirements of today—and the future.

Gerontology, women's health, health behavior change, and oncology comprise the school's major research interest areas. The School of Nursing is deeply committed to the principle of multidisciplinary and inter-disciplinary collaboration as a means of solving some of our most important health-care dilemmas. By focusing a major research effort on Missouri's elderly, the School of Nursing is working to improve the quality of their lives and is helping them live independently and with dignity in their own homes. MU's nursing researchers are exploring new and innovative ways to help nursing homes everywhere improve the quality of care they offer.

## School of Health Professions

The School of Health Professions educates highly qualified health care professionals committed to fulfilling our mission of improving society through education, service and discovery in health and rehabilitation sciences. The school is credited with establishing the nation's first baccalaureate degree program in respiratory therapy and currently has the nation's only master's-level program in diagnostic medical ultrasound. In addition, it is the nation's only school of health professions to sponsor an adult day-healthcare facility. The School of Health Professions offers Missouri's only doctoral program in speech-language pathology and is the sole provider of publicly supported programs in occupational therapy, radiography and baccalaureate-level respiratory therapy. The school's five departments and eight accredited academic programs have a long and distinguished history and continue to produce many well-respected internationally and nationally recognized professionals.

The Departments of Cardiopulmonary and Diagnostic Sciences, Communication Science and Disorders, Health Psychology, Occupational Therapy and Physical Therapy fulfill critical roles in health care. The school offers undergraduate degrees in communication science and disorders, diagnostic medical ultrasound, occupational therapy, nuclear medicine, radiography and respiratory therapy. In addition, the school offers graduate degrees in communication science and disorders, diagnostic medical ultra-

sound, and physical therapy and post-doctoral training in health psychology.

Students gain valuable experience in the school's service and outreach centers, including the Edlercare Center, The Health Connection, Speech and Hearing Clinic, Robert G. Comb's Language Preschool, Missouri Mobile Health, and more than 800 fieldwork sites.

## College of Veterinary Medicine

One of 27 schools of veterinary medicine in the United States, the College of Veterinary Medicine includes three departments and, in addition to the regular curriculum, provides graduate instruction to students in other divisions. Students admitted to the college must have completed a minimum of two years of preprofessional study at the college level. A four-year course of study leads to the doctor of veterinary medicine degree.

Each department conducts a graduate and research program as well as advanced training for board certification in many specialties. The college's teaching hospital provides diagnosis and treatment of animals, while the veterinary medical diagnostic laboratory offers assistance in disease diagnosis. This laboratory provides a steady flow of teaching and research material for the college.

## Libraries

The MU Libraries include the Elmer Ellis Library, the main library on campus, and specialized branch libraries for engineering, geological sciences, health sciences, journalism, mathematics, and veterinary medicine. The University Archives and the *Columbia Missourian* Newspaper Library also are part of the library system. The MU Libraries, housing more than 3 million volumes, 16,000 current periodicals, more than 1.7 million government documents, and 6.8 million microforms, provide outstanding facilities for course preparation and scholarly work.

Many volumes of important older research materials are housed in the UM Libraries Depository, a four-campus storage facility that contains nearly 1 million volumes from all of the University of Missouri campus libraries. That facility is located near the MU campus in Columbia.

Ellis Library includes principle resources for research in the social sciences, humanities, agriculture and the basic sciences. Ellis Library also has a department of special collections (rare books and microforms) and a current periodicals reading room. The libraries have many automated research tools. The libraries' main web page, <http://web.missouri.edu/~elliswww>, provides a gateway to the MERLIN Online Catalog. In addition, over 150 electronic databases in all academic disciplines are accessible at the web page for current students, staff and faculty. The

libraries also provide access to over 17,049 electronic journals.

The university collections are frequently reinforced by gifts of friends and alumni. Outstanding gifts include an unpublished manuscript of Charlotte Bronte; the library and manuscripts of John G. Neihardt; the library and manuscripts of Mary Lago; the V.T. Hamlin "Alley Oop" collection; and the libraries of the late Dr. Frank Luther Mott (dean and professor of journalism), Judge Laurance M. Hyde of the Missouri Supreme Court, Methodist Bishop Ivan Lee Holt, and former Governor Henry S. Caulfield.

Two other libraries, the Western Historical Manuscripts Collection and the library of the State Historical Society of Missouri, are open to faculty, students, and the public for study and research. Most of the papers in the Western Historical Manuscripts Collection relate to the area of the Missouri River and Great Plains and include interesting correspondence, account books, and diaries representing early and recent business, professional, political, and social life. The library of the State Historical Society of Missouri has an extensive collection of Missouriana and the early West and a painting collection including the works of George Caleb Bingham.

The law library, housed in Hulston Hall, the School of Law, holds over 330,000 volumes, including a small collection of law-related government documents. The law library is open to members of the public who need to do legal research.

## MU Research Reactor

The University of Missouri Research Reactor Center (MURR) is a unique national resource that brings together the most powerful (10 megawatt) and productive university research reactor in the world and the resources of a major teaching hospital, a respected cancer center, a leading college of veterinary medicine, and distinguished university programs in the biosciences, chemistry, and engineering. Since 1966, MURR has served as a unique resource for researchers, faculty and students from universities, government agencies, and private companies.

MURR research programs encompass three major areas: biomedical sciences, materials sciences, and trace element analysis. All of the programs emphasize collaborative efforts. The biomedical science program focuses on the development of radiopharmaceuticals for use in cancer research and therapeutic applications. The trace element analysis program uses neutron activation analysis and other sophisticated techniques to determine the composition of biological, archaeological, and geological samples. The materials sciences program focuses on the use of neutron scattering instruments and techniques to

define and characterize materials at the molecular or atomic level.

Educational opportunities abound at MURR. As an international educational resource for multidisciplinary research, the center draws students from every continent except Antarctica. Undergraduate and graduate students participate in MURR research projects in diverse disciplines such as anthropology and archaeology, chemistry, engineering (chemical, electrical, mechanical, and nuclear), geology, materials science, medical and life sciences (including cancer diagnostics, treatment, and prevention), nutrition, physics, and veterinary medicine. MURR also participates in the Research Experiences for Undergraduates program, a summer research program sponsored by the National Science Foundation.

### Admission

The Office of Director of Admissions serves as the initial contact between the student and MU. Information is available at [www.missouri.edu](http://www.missouri.edu).

### University of Missouri–Kansas City

Telephone: (816) 235-1000  
[www.umkc.edu](http://www.umkc.edu)

The history of the University of Missouri–Kansas City (UMKC) goes back to the 1880s. Three of the professional schools now a part of the university were founded in the 19th century: the School of Dentistry, 1881; the School of Pharmacy, 1895; and the School of Law, 1895. The Conservatory of Music was founded a few years later in 1906. Around that time, community leaders were discussing the need for a university in Kansas City.

By the 1920s, two groups were planning for such a university. One group wanted to establish a Methodist-affiliated Lincoln and Lee University. The other group wanted a private University of Kansas City. Eventually, the two groups united and, in 1929, the University of Kansas City was chartered.

The next year, William Volker, Kansas City manufacturer and philanthropist, gave the newly chartered institution 40 acres purchased from the William Rockhill Nelson estate. In 1931, Volker donated the funds to buy the eight-acre site of the Walter S. Dickey mansion. It was in this remodeled building that the University of Kansas City began its first academic year on October 2, 1933, with 264 students and 17 faculty members.

The first commencement at the University of Kansas City was June 9, 1936, with 80 graduates.

In 1963, the University of Kansas City merged into the University of Missouri System,



DR. MARTHA GILLILAND  
Chancellor, University of  
Missouri–Kansas City

giving birth to the University of Missouri–Kansas City. In 1963, the enrollment was 4,394; nearly 14,000 now enroll at UMKC, “a community of learners making the world a better place.”

### College of Arts and Sciences

The College of Arts and Sciences is the largest division of UMKC. It provides a broad liberal arts education as well as graduate and doctoral preparation, enabling students to take their places as specialists in a number of chosen fields.

The major areas of study are art and art history, chemistry, communication studies, economics, English language and literature, geosciences, history, mathematics and statistics, philosophy, physics, political science, psychology, sociology and theatre. Several interdisciplinary majors also are offered in such areas as Judaic studies and urban affairs. Graduate work at the master's level is offered in nearly all of the college's departments. Doctoral studies are available in psychology. A number of departments also participate in the interdisciplinary Ph.D. program offered through the School of Graduate Studies. Within Arts and Sciences, the Department of Theatre, creative writing and the UMKC Debate Squad consistently receive national attention. *U.S. News & World Report* ranks the Department of Theatre's master's of fine arts degree in drama at 21st nationwide and the Department of English's creative writing program at 83rd nationwide.

### School of Biological Sciences

The School of Biological Sciences seeks to provide quality education, to expand knowledge through scientific research and to apply the latest scientific information for the advancement of human welfare.

Created in 1985, the school serves to advance the missions of the campus and those programs that have a foundation in the life sci-

ences. It is closely tied to and supports academic programs in the schools of dentistry, nursing, pharmacy and the College of Arts and Sciences. It also offers bachelor's, master's and interdisciplinary Ph.D. degrees.

In 1999, the School of Biological Sciences announced its membership in an exclusive national consortium to conduct research at the prestigious Argonne National Laboratory in Chicago.

### **Henry W. Bloch School of Business and Public Administration**

Programs at the Henry W. Bloch School of Business and Public Administration provide present and future administrators of business, government and non-profit organizations opportunities to gain or enhance their knowledge and skills for effective leadership. These degree programs lead to the bachelor of business administration, bachelor of science in accounting, master of business administration and master of public administration. The Bloch School also offers interdisciplinary doctoral degrees.

The school actively engages in research of interest to the business community, Kansas City's urban core and government agencies. The school added an accelerated Executive MBA program in 1995.

Additionally, *U.S. News & World Report* recently recognized the school for its program in non-profit management.

### **School of Interdisciplinary Computing and Engineering**

The School of Interdisciplinary Computing and Engineering, launched in 2001, was created to tackle the challenges posed by rapid changes in the fields of computer science, telecommunications and networking and engineering, and to offer new research and educational opportunities that will fuel the information technology and biotechnology areas.

The program offers courses leading to the bachelor of science, bachelor of arts and master of science degrees in computer science and participates in the School of Graduate Studies Interdisciplinary Ph.D. program. The master's degree program has special emphases in telecommunications and computer networking. In collaboration with the business community, the program recently received state approval to offer a bachelor's degree in information technology.

The school also offers degrees in civil, electrical, mechanical and industrial engineering.

Students can pursue their bachelor of science, master of science and interdisciplinary Ph.D. degree options.

### **School of Dentistry**

The UMKC School of Dentistry is the oldest component of the university. It evolved from both the Kansas City Dental College, founded in 1881 as a unit of the Kansas City Medical College, and the Western Dental College, founded in 1890. In 1919, these two colleges merged to become the Kansas City Western Dental College. The college became part of the University of Kansas City in 1941.

The majority of dental students have earned at least a bachelor's degree before admission. The entering body is selected with preference for residents of Missouri and those from New Mexico, Arkansas, Kansas and Hawaii, states that participate in exchange and support programs. A graduate receives the degree of doctor of dental surgery.

In addition to the dental students, there are dental hygiene students and graduate dentists pursuing specialty education or education in the basic sciences leading to the graduate professional diploma or master's degree.

The research program at the dental school is supported by grants from the United States Public Health Service and from industry.

The clinic provides educational experience in patient care for the dental students. At the same time, dental care is provided for thousands of patients who visit the clinic annually. The patients pay nominal fees designed to make the clinic partly self-supporting.

Continuing education courses are offered for practicing dentists and dental hygienists. These courses, designed to prevent professional obsolescence, are fully subscribed.

The dental school also conducts numerous outreach efforts each year, including clinics in rural areas of Missouri, Latin America and for area migrant workers and homeless persons.

### **School of Education**

A major responsibility of the School of Education is preparation of teachers for elementary and secondary schools. Other responsibilities include preparation of college teachers, counseling psychologists, reading specialists and administrators.

A person is eligible to apply for admission to the teacher education program after completing 20 hours of undergraduate credit. Graduates receive the bachelor of arts degree in education. Graduate degree programs lead to the master's of arts, educational specialist and the doctoral

degree. Graduate degree programs leading to the master's of arts degree in education are offered in counseling, curriculum and instruction, educational research and psychology, reading education, special education and administration.

Education specialist degrees are available in educational administration, reading education, curriculum and instruction, and counseling. Doctoral degrees are available in counseling psychology. The School of Education also participates in the interdisciplinary Ph.D. program.

A vital aspect of the teacher education curriculum is the student teaching program. Through the cooperation of the metropolitan Kansas City school districts, a demonstration program is maintained. In addition, a number of student teaching centers exist through the cooperation of the metropolitan Kansas City school districts.

The experiences available through these programs are designed to provide an opportunity for the study of child development as well as the application of appropriate instructional techniques. Student teaching assignments are available in a wide range of urban and suburban school settings in a number of Missouri and Kansas school districts.

### School of Graduate Studies

Programs for advanced degrees in the liberal arts were introduced by the University of Kansas City in 1939. Degree programs are offered in a variety of fields in the humanities, social sciences and natural sciences. Several are of special interest to students preparing for careers in the health sciences, performing arts and urban affairs.

There are master's degree programs in accounting, criminal justice and criminology, art history, biology, business administration, chemistry, computer science, dental hygiene, economics, education, English, history, law, mathematics, microbiology, music, oral biology, nursing, pharmaceutical sciences, physics, political science, psychology, public administration, romance languages, social psychology, sociology, studio art, theatre and urban environmental geology.

The education specialist degrees, master of fine arts, master of laws and doctor of musical arts are also available. The interdisciplinary Ph.D. program offers students a range of doctoral options. Support is available to qualified graduate students through scholarships, assistantships and fellowships.

### School of Law

The Kansas City School of Law, founded in 1895, merged with the University of Kansas City in 1938. When UKC joined the UM system in

1963, the school became known as the UMKC School of Law.

The law school is housed in a modern facility, equipped with the latest audiovisual aids, ample seminar rooms, a large student lounge and individual offices for student organizations. The library is designed to accommodate 215,000 volumes. A unique feature of the building is the placement of student study stations in office suites shared by faculty.

The location of the School of Law on an urban university campus provides abundant opportunities for student participation in special clinical programs. Missouri and Kansas Supreme Court rules permit senior law students to appear in court and before administrative tribunals on behalf of indigent people. Students also serve as editors and write a substantial portion of the *UMKC Law Review*, a scholarly legal journal.

### School of Medicine

In 1971, the UMKC School of Medicine accepted its first class in the six-year medical program. The year-round program, involving 48 weeks of study each year, provides students the opportunity to earn both their M.D. degree and a bachelor's degree from the College of Arts and Sciences. It is designed primarily for highly qualified high school seniors.

The curriculum of the School of Medicine provides an early exposure to clinical medicine and basic science education, as well as a liberal arts education that is fully integrated into the six-year program. Admission to this program as a freshman gives the student the opportunity to complete requirements for the doctor of medicine degree without a second admission process.

A unique feature of the school is the docent system, which provides a full-time faculty member assigned to 17 students for a four-year period, creating an opportunity for the student to have close interaction with a faculty member who serves as a teacher, counselor and friend.

Nearby are the Medical School's major affiliate hospitals; Truman Medical Center, Children's Mercy Hospital, St. Luke's Hospital and Western Missouri Mental Health Center. In addition, the School of Medicine utilizes a number of outstanding private community hospitals in the Kansas City area for education in clinical medicine.

### Conservatory of Music

The Conservatory of Music, organized in 1906 as the Kansas City Conservatory of Music, merged with the University of Kansas City in 1959. It offers the degrees of bachelor of music, bachelor of arts, bachelor of fine arts, master of music education and doctor of musical arts.



The conservatory offers the community hundreds of music and dance programs annually by visiting artists, faculty and students. In addition to maintaining a faculty resident string quartet, brass quartet, baroque music ensemble and contemporary music group, the conservatory allows students to participate in many ensembles, such as the Conservatory Orchestra, the University Percussion Ensemble, Conservatory Wind Ensemble, University Singers, Heritage Chorale, UMKC Jazz Band, UMKC Accordion Orchestra, along with many smaller chamber ensembles.

The conservatory recently was ranked 40th nationally by *U.S. News & World Report* for its master's of music.

### School of Pharmacy

A private school of pharmacy was organized in 1885 to serve the Kansas City area. In 1943, it became the School of Pharmacy of the University of Kansas City. In 1963, with the formation of the University of Missouri–Kansas City, it became the only public pharmacy school in Missouri.

The school offers both professional and graduate programs in the pharmaceutical sciences, including pharmaceutics, pharmacology, biopharmaceutics and pharmacokinetics and toxicology; pharmacy administration; and pharmacy practice.

The primary professional degree is the doctor of pharmacy. Pharmacy faculty team-conduct interdisciplinary research and engage in community service. Students are active in various outreach projects, including a program to educate school children about the dangers of illegal drugs.

The pharmacy program includes significant amounts of patient contact and provides training in the interdisciplinary approach to patient care. The clinical components of the curriculum are conducted at Truman Medical Center and other area health facilities. A senior externship is available at sites throughout Missouri.

The School of Pharmacy has been listed as the nation's 31st best program for the doctor of pharmacy degree by *U.S. News & World Report*.

### Libraries

Located at four sites on the UMKC campus, library collections contain nearly 1.6 million volumes, some 7,027 current serial subscriptions, 1.9 million microforms and more than 450,000 government documents supporting the programs of the university. Resources are complemented by agreements that provide access to information held in other libraries and repositories worldwide.

The libraries employ advanced technologies to locate and deliver information to faculty, students and others. Up-to-date laser, computer and telecommunications and other advanced systems provide timely delivery of needed information. Internal operations also rely on advance systems to acquire, process, catalog and circulate materials owned by the libraries.

The libraries lend materials to any citizen of Missouri through a number of resource-sharing arrangements. These arrangements are designed to assist Missouri government at all levels and foster the economic development of the state and region.

Especially prominent is the commitment to enhance the development of the Kansas City metropolitan area through active cooperative programs with local libraries. The UMKC libraries are committed to such innovative programs as the community information program and membership in the Kansas City Metropolitan Library Network.

In addition to the general holdings, the libraries have many special collections. These include the papers and manuscripts of Paul Creston, prominent 20th century American composer; the Midwest Center for American Music collections, including those of renowned Kansas City composer Virgil Thompson; the Gaylord Marr Sound Archives; the Snyder American collection and the Baker collection of 20th century British and American literature.

Working closely with the libraries, the University of Missouri Western Historical Manuscripts Collection has the papers of such well-known Kansas Citians as Charles N. Kimball, Arthur Mag, J.C. Nichols, Oscar D. Nelson, Elmer F. Pierson, L. Perry Cookingham, Charles B. Wheeler and Lou E. Holland as well as extensive architectural records of Kansas City buildings augmented by the Holt, Price, Barnes and Asa B. Cross papers.

### School of Nursing

Approval for establishment of a School of Nursing was granted by the UM Board of Curators in 1979. The school accepted its first class of registered nurse undergraduates into its baccalaureate program in fall 1981. A four-year B.S.N. program began in fall 2001. Fully accredited by the National League for Nursing, the school also offers a bachelor of science in nursing focusing on adults', women's and children's health; and the inter-campus Ph.D., in cooperation with the University of Missouri–St. Louis and University of Missouri–Columbia campuses.

The nursing school is listed among *U.S. News & World Report's* top 100 programs.

## Continuing Education

The university's schools and colleges, with responsibility for their respective continuing education programs, extend the university's knowledge resources beyond the traditional on-campus degree programs. Through credit courses, non-credit courses, conferences and institutes, residents of the state and the community are provided the opportunity to continue their education in a manner suited to the adult mind.

Non-credit continuing education activities are carefully planned undertakings involving an academic department and usually an organized group from business, industry, government or the general public. Citizens throughout the state are served by UMKC through its relationship with statewide University Extension.

Offerings include liberal arts lectures and seminars; professional, refresher, remedial and post-graduate courses; and problem-oriented educational programs designed for the analysis and study of major social and urban problems. Formal education also may be continued through credit courses offered off the campus or by enrollment in correspondence courses for academic credit. Frequently, public forums concerned with vital issues of the day are organized and offered in order to increase both the number and effectiveness of people who work toward solutions of community problems.

While responding to the broad and varied needs of the community and state, the university is at the same time placing increased emphasis on the development of specific program areas identified as important to large professional, economic and other special-interest audiences within the community.

## Admission

The Office of Admissions serves as the initial contact between the student and UMKC. This office conducts the registration of students in cooperation with the various schools and colleges within UMKC and maintains student academic records.

## University of Missouri–Rolla

Telephone: (573) 341-4111  
 umrolla@umr.edu  
 www.umr.edu

The University of Missouri–Rolla (UMR) was founded in 1870 as the University of Missouri School of Mines and Metallurgy (MSM). MSM was the first technological institution west of the Mississippi and one of the first in the nation. The campus was renamed the University of Missouri–Rolla in 1964.

A product of the land-grant movement of the late nineteenth century, the campus was Missouri's response to the acute need for scientific and practical education in the developing nation. The early academic programs focused on the mining and metallurgical industries, but the campus broadened its engineering mission over time as the need for engineering and scientific education grew.

Graduate education and research began to assume a greater emphasis on the campus in the 1950s, and the school of Mines and Metallurgy became a comprehensive technological university.

In 1964, UMR became one of the four campuses of the reorganized University of Missouri. Today, UMR continues its focus on educating leaders in engineering and science and ranks among the top 25 in the nation in the number of bachelor's degrees awarded in engineering.

The change from "school" to "university" involved three major shifts in emphasis:

- An expanded curricula designed to encompass the full range of engineering and scientific subjects, including nuclear engineering, biological sciences and computer science.
- New degree programs in the liberal arts, humanities and social sciences, with an appropriate growth in the number and quality of faculty and courses.
- New graduate programs to strengthen the science and engineering disciplines, and a strong commitment to research in all areas. These changes better enabled the campus to respond to Missouri's needs.

Originally a mining school and later an engineering school, the University of Missouri–Rolla has become a technological university of national distinction. The University of Missouri–Rolla offers bachelor of arts and bachelor of science degrees in 32 fields of engineering, science, humanities and social sciences. Master of science degrees are offered in 23 disciplines, the doctor of philosophy in 18, and the doctor of engineering in nine.

## School of Engineering

The School of Engineering is the largest on the UMR campus, with about 63 percent of the student body enrolled in its five departments.

Within the School of Engineering are the departments of chemical and biological engineering; civil, architectural and environmental engineering; electrical and computer engineering; engineering management; mechanical and aerospace engineering; and engineering mechanics.

Areas covered by these departments are widely diversified and include the major branches of engineering vital to the industrial progress of the state and nation. An education in one of these fields of engineering prepares a student professionally for positions, both technical and managerial, in a variety of industries and governmental organizations.

All departments in the school offer B.S., M.S., and Ph.D. programs. The doctor of engineering is offered in civil, chemical, electrical and mechanical engineering. In addition, UMR offers a statewide video-based M.S. degree in engineering management and manufacturing engineering, and an online M.S. degree in systems engineering.

The quality of its graduates and contributions made through research have made the School of Engineering internationally known. Departments within the school are among the largest and most outstanding in the country.

### School of Mines and Metallurgy

The School of Mines and Metallurgy offers undergraduate and graduate programs in seven disciplines related to energy, earth resources and materials fields: ceramic, geological, metallurgical, mining, nuclear and petroleum engineering, and geology and geophysics. All offer bachelor's, master's and Ph.D. degree programs. A doctor of engineering is offered in ceramic, geological, mining, nuclear and petroleum engineering.

UMR is one of only two institutions of higher education in the country offering professional training in all of the energy and minerals engineering disciplines.

The school has long enjoyed national and international recognition for the quality of its educational and research programs. Through these, it has made significant contributions to both the metallic and non-metallic mineral industries of the state and nation. Close liaison is maintained with state and federal agencies concerned with mineral resources technology and management, as well as with industry and professional organizations.

### College of Arts and Sciences

The College of Arts and Sciences was formed in 1970 by the merger of the existing School of Science and the Division of Liberal Arts.

The college includes the departments of biological sciences, chemistry, computer science, mathematics and statistics, physics, English, history and political science, philosophy, liberal arts and psychology. B.S., M.S. and Ph.D. degrees are offered by all science departments except biological sciences, which offers an M.S. only. The B.A. degree, which has been granted on the UMR



DR. GARY THOMAS  
Chancellor  
University of Missouri-Rolla

campus since 1967, may be earned in English, history, philosophy, psychology, biological sciences and chemistry. The B.S. may be earned in psychology, biological sciences and physics.

Departments in the College of Arts and Sciences not only provide course work for students majoring in those fields (about 21 percent of the student body) but are also responsible for teaching science, mathematics and liberal arts courses to students majoring in engineering. The computer science department is the state's largest.

In addition to educating UMR students, the college serves the people and industries of the state through research and science activities.

### School of Management and Information Systems

The School of Management and Information Systems, UMR's newest school, was established to meet the growing demand in industry for people with training in both management and information technology.

The school offers undergraduate and graduate programs in business administration, economics and finance, information science and technology, and management information systems.

All departments in the school offer bachelor of science degrees. A bachelor of arts degree also is offered in economics and finance, and a master of science degree is offered in information science and technology.

Students in the School of Management and Information Systems will begin with a broad range of foundational courses in humanities, social sciences, science and mathematics. Interspersed with these general education requirements, they will take "SMIS core" classes, which are shared by all students in the school. These classes reflect the SMIS theme of integration of business and technology, and represent information technology, management, quantitative and communication skills. As students complete

these foundational requirements, they begin to specialize in the differing degree programs.

## Graduate Study

Graduate study has been offered at the University of Missouri–Rolla since about 1900 when the first master of science degree programs were established. The first doctor of philosophy degree for work done on the Rolla campus was granted in 1926. M.S. and Ph.D. degrees are now granted by all engineering and science departments except biological sciences, which offers an M.S.

The M.S. degree is also granted in manufacturing engineering and in systems engineering. Nine departments offer the doctor of engineering degree.

## UMR Engineering Education Center

The UMR Engineering Education Center on the University of Missouri–St. Louis campus was established in 1964 as part of the continuing education program of the UMR Extension Division. It offers evening courses leading to M.S. degrees in aerospace, chemical, civil, electrical, mechanical, metallurgical, environmental and planning engineering; engineering management; engineering mechanics; and computer science. Course instruction is by UMR faculty and selected engineers and scientists from industry. More than 2,000 degrees have been granted for work completed at the center.

## UMR Global

Most of UMR's global activities relate to engineering and science. In general, the program consists of three parts: (1) university-level continuing education opportunities to keep people in all walks of life abreast of the knowledge explosion; (2) use of faculty, research and library resources to assist in problem-solving; and (3) distance education.

Continuing education offerings include both credit and non-credit courses. The major graduate credit program is through the UMR Engineering Education Center located on the UMSL campus. Non-credit programs—conferences, short courses, workshops and institutes—are especially designed to maintain the professional proficiency of engineers and scientists. These draw attendance from all over the United States and many foreign countries.

UMR problem-solving programs relate to urban and rural needs and technical assistance to industries and governmental units. Statewide programs have been developed to assist city and county officials and small businesses and industries in solving their technical problems.

In 1994, UMR and the Army Engineering Center at Fort Leonard Wood established a cooperative education program.

Through distance learning, UMR also offers four master's degree programs over the Internet: engineering management, manufacturing engineering, mining engineering, and systems engineering. Some programs also offer these programs on CD-ROM or DVD-ROM.

## Research

As one of a select national group of state technological universities, UMR has directed its research chiefly toward supporting education and service in engineering and science.

Research is important on the Rolla campus not only because of its results but as an educational tool for both faculty and students. Research projects are conducted in every academic department in nearly every phase of engineering and science and in some areas of liberal arts. Much of it is directly related to the needs of the people and industries of Missouri and to national problems such as energy, mineral resources and the environment.

UMR's research is focused on five areas: environmental engineering and science; infrastructure engineering; manufacturing engineering; materials engineering and science; and information science and technology. Among the notable research occurring at UMR is a multidisciplinary effort to develop technology for the removal of land mines; testing and development of new lightweight composite materials for use in bridges, buildings and other infrastructure; investigations into the effects of aircraft, space shuttle and rocket exhaust on the ozone layer; and the development of more environmentally friendly methods for removing paint from aircraft. Other projects are as diverse as basic investigations in cloud physics, the study of the gases in meteorites and moon rocks, research on lightweight structural steel and earthquake structures, plus robotics, flexible manufacturing, smart materials and glass beads used in the treatment of cancer and arthritis.

UMR's research centers carry out interdisciplinary investigations that involve different fields of engineering and science. UMR's research centers include the Biochemical Processing Institute, Center for Cold-Formed Steel Structures, Center for Environmental Science and Technology, Center for Infrastructure Engineering Studies, Cloud and Aerosol Sciences Laboratory, Design Engineering Center, Electronics Materials Processing and Characterization Institute, Engineering Research Laboratory, Experimental Combustion Laboratory, Experimental Mine, Center for Pyrometallurgy, Graduate Center for Materials Research, High Pressure Waterjet Laboratory, Institute for

Applied Mathematics, Institute of Applied Chemistry, Institute for Artificial Intelligence, Institute for Chemical and Extractive Metallurgy, Institute of River Studies, Institute of Thin Film Processing, Intelligent Systems Center, International Institute of River and Lake Systems, Laboratory for Atomic and Molecular Research, Missouri Mining and Mineral Resources Research Institute, Nuclear Reactor, Rock Mechanics and Explosives Research Center, Transportation Institute, Center for Entrepreneurship and Outreach, Electromagnetic Compatibility Laboratory, and Applied Microwave Nondestructive Testing Laboratory.

### Admission

Interested students may obtain information on admission and enrollment upon request, in person, on-line or by mail, from the office of the director of admission at UMR. Prospective students and their parents are encouraged to visit the campus or call the toll-free number (1-800-522-0938) dedicated to inquiries about admissions, financial aid and enrollment procedures. Students also may contact the admissions office through electronic mail at [umrolla@umr.edu](mailto:umrolla@umr.edu), or visit the UMR Web site ([www.umr.edu](http://www.umr.edu)).

### University of Missouri–St. Louis

Telephone: (314) 516-5000 / FAX: (314) 516-6767  
[www.umsl.edu](http://www.umsl.edu)

The University of Missouri-St. Louis is a public metropolitan research university located in Missouri's most populous and economically diverse region. It strives to strengthen educational programs at all levels; enhance the research and creative capacities of faculty and students; and serve the region's needs through research and technology transfer, innovative educational outreach programs and workforce development.

Founded in 1963 on the grounds of a former country club, the University of Missouri-St. Louis today is spread across 350 acres of rolling hills in suburban St. Louis County and adjacent to two Interstate highways and five minutes from Lambert International Airport. The campus consists of 44 academic and general-purpose buildings and a variety of student residence halls, condominiums and apartments. The newest of these facilities are the \$11 million Center for Molecular Electronics and \$32 million Millennium Student Center. In Fall 2003 the campus will open the \$52 million Blanche M. Touhill Performing Arts Center and a 100-acre business, research and technology park. The campus also is planning new facilities for its colleges of business administration and education.

The largest university in the region, the University of Missouri–St. Louis enrolls nearly

16,000 students and employs more than 1,000 full-time and part-time teaching and research faculty members. More than 94 percent of tenure and tenure-track faculty hold doctoral or terminal degrees in their respective fields. Faculty research productivity is high, with annual contract and grants reaching nearly \$27 million in 2001-02. This represents a 50 percent increase in five years.

The University of Missouri-St. Louis is academically divided into the Barnes College of Nursing and Health Studies, College of Arts and Sciences, College of Business Administration, College of Education, College of Fine Arts and Communication, College of Optometry, Continuing Education and Outreach, Evening College, Graduate School, Pierre Laclède Honors College, and UM-St. Louis/Washington University Joint Engineering Program.

### College of Arts and Sciences

Largest of the schools and colleges at UM-St. Louis, the College of Arts and Sciences, through its 15 departments, offers a curriculum linking the liberal arts with the metropolitan area. A major in any of these departments provides a degree of specialization sufficient to prepare students for professional careers or graduate study.

Students enrolled in the college may pursue academic majors in anthropology, biology, chemistry and biochemistry, criminology and criminal justice, economics, English, foreign languages and literature, history, mathematics and computer science, philosophy, physics and astronomy, political science, psychology, social work and sociology.

The college offers master's degrees in computer science, creative writing, criminology and criminal justice, biology, chemistry, economics, English, gerontology, history, mathematics, physics, political science, physiological optics, psychology, public policy administration, social work and sociology.

It offers doctorates in applied mathematics, biology, chemistry, criminology and criminal justice, physics, physiological optics, political science and psychology.

### College of Fine Arts and Communication

Founded in September 2001, the College of Fine Arts and Communication is the newest of the schools and colleges at UM-St. Louis. It includes the Departments of Art and Art History, Communication, Music and Theatre, and Dance.

Undergraduates may pursue degrees in art history, communication, music and studio art.



The college offers master's degree programs in communication and music.

The college is distinguished by its collaboration with the community. Three endowed professorships through the Des Lee Arts Education Collaborative link UM-St. Louis to the Saint Louis Symphony, St. Louis Art Museum, Opera Theatre of Saint Louis, Laumeier Sculpture Park and other local cultural institutions.

University students and faculty, as well as visiting artists, may perform in the new Blanche M. Touhill Performing Arts Center. Artwork exhibitions are housed in Gallery 210, Gallery FAB and Gallery Visio.

### **Pierre Laclède Honors College**

The Pierre Laclède Honors College was established in 1989 and has grown to include its own campus, complete with instructional, residential and recreational facilities.

Students may pursue degrees in any undergraduate division of UM-St. Louis and many of the university's nationally accredited degree programs. In addition, students must undertake a personal writing program and pursue independent study through research, internships, public service projects and guided reading.

The college features a student-faculty ratio of 14:1, a scholar development program, a writing program and 11 honors classes. It offers academic excellence comparable to expensive private colleges, but at public institution rates.

The four-year program has a highly selective student body of about 550. The college's teachers are among the university's leading research and teaching faculty.

### **College of Business Administration**

At the undergraduate level, the College of Business Administration offers the Bachelor of Science in Business Administration (BSBA) degree with emphases in finance, international business, logistics and operations management, management and organizational behavior and marketing.

Bachelor of Science in Accounting (BSA) and Bachelor of Science in Management Information Systems (BSMIS) degrees are also offered to undergraduate students. These programs provide students with a high quality business education that prepares them to become productive contributors in both private and public sector organizations.

The College of Business Administration also offers three master's degrees: the Master of Business Administration (MBA), the Master of Science in Management Information Systems (MS in MIS) and the Master of Accounting (Macc).

The MBA program is available in two formats: the evening MBA program and The Professional MBA On-Line program. The program is designed to fully prepare students for administrative positions. The MS in MIS program includes a specialized program in computer-based management information systems. The Macc program is intended for students preparing to enter the accounting profession or furthering existing accountant careers.

Both the undergraduate and graduate programs are accredited by AACSB—The International Association for Management Education, the authorized professional accrediting body in collegiate business education.

The Center for Business and Industrial Studies was established in 1982 to meet the research needs of the St. Louis business community. The center analyzes managerial programs and conducts applied research. Through the center, clients have access to a distinguished faculty with specialized knowledge and analytical tools, statistical databases and computer software adaptable to a wide variety of business applications.

### **College of Education**

The College of Education provides undergraduate and graduate programs to prepare and sustain educational leaders for a variety of school and nonschool settings.

The college is consistently one of the top three institutions in the state in the production of educators. Consistent with the school's theme of "Creating the 21st Century School of Education," programs emphasize state-of-the-art technological applications to enhance teaching and learning as well as collaboration among university, school, agency, and corporate partners to prepare and revitalize educators.

The faculty, including a number of nationally recognized endowed professors, is committed to a continuous exchange between research and practice that improves the learning environment of diverse learners.

The school is divided into four divisions: teaching and learning; educational psychology, research and evaluation; educational leadership and policy studies; and counseling.

Master of education degrees are offered in counseling, educational administration, elementary education and secondary education. Within these programs, a number of emphasis areas are available, including community education, elementary and secondary school administration, special education, elementary and secondary reading, general and school counseling, and secondary curriculum and instruction.

Course concentrations are offered in adult education, educational technology and physical education. Programs leading to the doctor of education degree and the doctor of philosophy in education degree are offered in the two broad interdisciplinary emphasis areas of learning-instructional processes and behavioral-developmental processes.

## Evening College

There is little difference between going to school during the day and the evening at UM–St. Louis. The Evening College conforms to the same requirements and standards as day programs, and many of the full-time faculty also teach evening courses.

Because most evening college students are employed full time, they normally carry less than a full academic load. To enable students to carry as many courses as they wish, the evening college schedules classes between 5 and 9:35 p.m.

The college is the largest degree-granting evening institution in the metropolitan area with an enrollment of about 2,300. The college offers 32 undergraduate degree programs, 28 minors, four certificate programs, a bachelor of general studies degree and a bachelor of health services degree. A bachelor of fine arts degree and a bachelor of social work are also offered.

Bachelor of arts degrees are offered in biology, chemistry, communication, economics, English, history, mathematics, physics, political science, psychology and sociology.

Bachelor of science degrees are offered in applied mathematics, biology, chemistry, computer science, criminology and criminal justice, economics, physics and sociology. Bachelor of science degrees in education and public administration are also available.

The bachelor of health sciences degree program is designed for students pursuing studies in clinical laboratory sciences and cytotechnology.

For the non-degree oriented student, the evening college offers an opportunity to update professional competence, prepare for a new job or broaden educational background. Pre-professional and teacher certification courses are also offered.

## College of Optometry

After more than 10 years of study and planning, the College of Optometry at the University of Missouri–St. Louis came into existence on June 1, 1980.

The first class of 36 students was enrolled in the fall of 1980 and graduated in May 1984. This school allows Missourians the opportunity to study optometry within the state.



DR. THOMAS E. GEORGE  
Chancellor, University of  
Missouri–St. Louis

Doctors of optometry are health-care practitioners who provide primary vision care including prevention, detection, diagnosis, treatment and management of visual and ocular health education, and devise and administer continuing programs of vision and ocular care.

The College of Optometry offers a four-year graduate professional program leading to the doctor of optometry degree. The first year of the program stresses basic health science courses and visual science courses. During the second year, clinical optometry and ophthalmic optics, courses in systemic pathology, ocular pathology and physiology, and other visual sciences are taught.

In the third and fourth years, students spend the majority of their time involved with patient care and take courses dealing with contact lenses, pediatric optometry, vision performance, low vision and rehabilitation and public health.

Admission to the professional program is based primarily on the quality of the applicant's scholarship in the required pre-optometry courses, the Optometry Admission Test (OAT) scores, interviews and letters of recommendation.

## Barnes College of Nursing and Health Studies

The Barnes College of Nursing and Health Studies offers nursing studies at the undergraduate and graduate levels. Knowledge and skills needed to complete the professional licensure examination to become a professional registered nurse are available through a basic baccalaureate option. Nurses who have obtained their basic nursing education through associate degree or diploma nursing programs may complete the baccalaureate degree.

The college also offers the master of science in nursing in cooperation with the School of Nursing at UM–Kansas City and the Ph.D. in nursing in cooperation with the Columbia and Kansas City schools of nursing.

The college was established as a School of Nursing in 1980 and graduated its first class in May 1983. College status was achieved in 1994 with the acquisition of the basic baccalaureate program through the merger of the Barnes College of Nursing and UM–St. Louis.

## Graduate School

The graduate school has responsibility for all graduate degree programs in the various schools and colleges of the university.

Graduate programs have been designed to serve students with either of two career goals: to obtain an advanced degree or to obtain advanced training for personal or professional growth.

Academic programs include 27 offering master's degrees and 11 offering doctoral degrees. Two interdisciplinary graduate programs, Gerontology and Public Policy Administration, report directly to the graduate school.

Graduate programs are structured to respond to the needs of the metropolitan area and to provide students with the knowledge necessary to relate effectively to the modern world.

## UMSL/Washington University Joint Undergraduate Engineering Program

This program was established in 1992 and offers bachelor of science degrees in civil, mechanical and electrical engineering as well as a minor in environmental engineering science.

Students who enter the program take about one-half of their course work on the UM–St. Louis campus. The remaining half of the degree program, consisting of the upper-level engineering courses and laboratories is taken on the campus of Washington University and taught by Washington University engineering faculty members.

Students register for all their courses at UM–St. Louis, pay tuition at UM–St. Louis rates and receive their degrees from the University of Missouri.

The joint program allows Missouri to make the most efficient use of public funds while meeting the needs of non-traditional students. Joint program students are generally older than traditional students and are unable to leave the area to pursue an engineering degree. They are likely to have substantial family responsibilities or full-time employment during the day, returning to higher education to complete their studies for an engineering degree after a lapse of many years.

## Continuing Education and Outreach

UM–St. Louis Continuing Education and Outreach, charged with extending the resources of the university to the people of the state, takes

continuing education programs to wherever there is a demand.

The program uses the facilities of government agencies, hospitals, schools and businesses to make college credit and non-credit courses conveniently available to the public. The J.C. Penney Conference Center provides a modern adult education setting on campus for short courses, conferences, institutes, workshops and seminars.

Continuing Education and Outreach, College of Arts and Sciences, offers through the Nonprofit Management and Leadership Program courses and seminars for professional staff, board members and other leaders of nonprofit and voluntary organizations as well as for students and others wishing to explore a future in the field.

A graduate concentration program and undergraduate certificate are also offered. Custom-designed programs for specific nonprofit associations and organizations are available, and the program also provides consulting services to nonprofit or voluntary organizations.

Through the Video Instructional Program, the UM–St. Louis offers courses on all local cable television stations on the Higher Education Channel. Graduate and undergraduate credit courses are offered with the UM–St. Louis faculty available to answer questions and discuss exams.

UM–St. Louis also operates a two-way video system with other university campuses. This system is used for both credit and non-credit instruction.

The Center for Entrepreneurship and Economic Education provides courses, workshops, conferences and consultations on economic concerns for teachers and administrators. Curriculum materials are also developed and distributed.

The center is affiliated with the Missouri Council on Economic Education and the joint Council on Economic Education, a national network of economic educators.

The university also maintains the West County Computer Center, located near the intersection of I-270 and Manchester Road at 1715 Deer Tracks Tr. Computer classes are also taught on the UM–St. Louis campus.

There are approximately 10,500 enrollments in college credit courses conducted through Continuing Education and Outreach, and about 84,500 participate in non-credit programs. Non-credit courses and conferences are usually held at the request of individuals, organizations and institutions.

Job advancements, in-service training of professionals, women's counseling, gerontology, community planning, effective communication

and cultural appreciation are some of the areas in which courses are conducted.

College credit courses are taught by UM–St. Louis faculty members and faculty from other campuses of the University of Missouri, as well as teachers from the general academic community in the St. Louis area.

## Libraries

UM–St. Louis libraries support the educational objectives of the university and meet the informational needs of the campus community. The UM–St. Louis library system includes the Thomas Jefferson Library, Ward E. Barnes Education Library, Health Sciences Library and the St. Louis Mercantile Library. The region's oldest cultural institution, the St. Louis Mercantile Library moved to the north campus in October 1998. Founded in 1846, the St. Louis Mercantile Library is the oldest library west of the Mississippi.

The addition of the Mercantile Library collection brought the total of volumes in the UM–St. Louis libraries to more than 1 million. The Mercantile collection included 250,000 books; 10,000 linear feet of manuscripts; 300,000 photographs and hundreds of artifacts.

The Mercantile Library includes two highly renowned specialized transportation collections. The John W. Barriger III National Railroad Library, which focuses on American railroad history and is one of the largest of its kind in the U.S., contains 40,000 books plus primary manuscript documents and photographs. The Herman T. Pott National Inland Waterways Library focuses on U.S. river and inland waterways history. It contains 2,500 books and a large pictorial/photographic collection.

The other three—Thomas Jefferson Library, Ward E. Barnes Education Library and Health Sciences Library—consist of more than 600,000 volumes including more than 9,000 periodical subscriptions, more than one million government documents and more than one million items in microform. The libraries are open more than 70 hours per week during regular sessions.

## Admission

Interested students may obtain information on admission and enrollment several ways: in person, by mail, or online. Prospective students and their parents are encouraged to visit the campus. The website is: [www.umsl.edu](http://www.umsl.edu). People can e-mail admissions at: [admissionsu@msx.umsl.edu](mailto:admissionsu@msx.umsl.edu).

**Personnel, University of Missouri System: Page 1089**

## State Historical Society of Missouri

1020 Lowry St., Columbia 65201-7298

Telephone: (573) 882-7083 / FAX: (573) 884-4950

[shsofmo@umsystem.edu](mailto:shsofmo@umsystem.edu)

[www.system.missouri.edu/shs](http://www.system.missouri.edu/shs)

Organized in 1898 by the Missouri Press Association, the State Historical Society is directed by statute to collect, preserve, make available, and publish the history of Missouri and the Middle West.

For over one hundred years, the State Historical Society has been the center for serious research into every aspect of the society and government of Missouri and the lives of its residents. It is a heavily utilized service institution for the citizens and students of Missouri, supplying research facilities and information for every department of the state, its schools and colleges, and thousands of personal requests. Society staff answer more than 50,000 research requests each year.

## Society Headquarters

The society is located on the ground floor of the University of Missouri–Columbia Ellis Library, where the reference reading room; newspaper reading room; microfilm reading room; rare book collection; art gallery; manuscript reading room; oral history program; photograph and map collections; and various administrative, research, and editorial offices are located. The society is open to the public Monday–Friday, 8 a.m.–4:30 p.m., and Saturday, 9 a.m.–4:30 p.m., except on legal holidays. The hours for the art gallery, which permanently exhibits works by George Caleb Bingham and Thomas Hart Benton and changing exhibits of works by other Missouri and Missouri-related artists, are 8:30 a.m.–4 p.m., Monday–Friday.

## The Library and Its Use

Citizens, officials, and students interested in Missouri history, biography, and genealogy find in the society library unsurpassed reference collections. The library of books, pamphlets, and official state publications totals more than 457,000 items. There are also more than 500,000 manuscript items and 800 reels of microfilmed manuscripts, more than 150,000 state archival records, and more than 2,800 maps. For genealogical research, the society's microfilm file of United States census reports is one of the largest in the Midwest, with a total of 6,051 reels covering 48 states and the District of Columbia, with 1,595 reels of Missouri census from 1830 to 1880 and 1900 to 1930. A pictorial collection contains more than 100,000 photographs and sketches of historical subjects.

The society's Missouri newspaper collection is the most complete in existence. Extending from 1808 to the present, and containing more than 1,275 bound volumes and more than 40 million pages on 48,770 rolls of microfilm, it is one of the largest state newspaper collections in the nation. In addition, 301 current newspapers from every Missouri county arrive weekly. The history of any famous Missourian, Missouri community, or noted Missouri event can be traced and documented in the collection.

### Specialized Book Collections

Over the years, the society has acquired a number of rare or specialized book collections that have given it added recognition as a research center. These collections include the Mahan Memorial Mark Twain Collection, the Eugene Field Collection, the J. Christian Bay Collection of Middle Western Americana, the Francis A. Sampson Collection, the Paul D. Higday Civil War Collection, and the Alice Irene Fitzgerald Collection of Missouri's Literary Heritage for Children. Collections of this type, beyond mere prestige, attract scholars and researchers and form the basis of any historical library.

### Manuscript and Map Collections

The society has always placed emphasis on the acquisition of contemporary research materials, and its original manuscript collections contain diaries, journals, ledgers, minute books, census records, letters, and official state papers. Where original documents of this nature have not been available to the library, microfilm copies have been obtained. Research materials of this type furnish most of the intimate day-to-day accounts of Missouri history and lend vitality to historical writing.

The map collection consists of rare and old maps of the state as well as modern ones. In the collection are maps relating to the growth and development of Missouri and its roads, railroads, rivers, counties, and cities. In addition, the collection contains county atlases, general business gazetteers, statistical maps, official topographical maps, and early state guidebooks.

### Publications

The *Missouri Historical Review*, an award-winning quarterly, has served as the cornerstone of the society's publication program since 1906. A benefit of membership, the journal features scholarly articles on diverse topics in Missouri history, bibliographical information on local and state history topics, and book reviews and notes. An annual *Missouri Historical Review* article award recognizes outstanding scholarship published in the journal. In addition to the journal,



DR. JAMES W. GOODRICH  
Executive Director, State  
Historical Society of Missouri



BRUCE H. BECKETT  
President, State Historical  
Society of Missouri

the society has published over 50 volumes of edited documents, narrative and pictorial history, catalogs, directories, and indexes.

A quarterly newsletter informs members about society activities and other historical programs in the state.

### History Day in Missouri and Richard S. Brownlee Fund Grants

In conjunction with the Western Historical Manuscript Collection-Columbia, the society sponsors History Day in Missouri, the statewide component of National History Day, a competition for middle school and junior and senior high school students. More than 2,200 students participate annually in regional contests held throughout the state.

Through its annual Richard S. Brownlee Fund grants, the society provides individuals and organizations with monies to assist with publications or other projects furthering knowledge of Missouri history and its citizens.

### Officers of the Society

Officers of the State Historical Society, 2001: Bruce H. Beckett, Columbia, president; James C. Olson, Kansas City, first vice president; Sheridan A. Logan, St. Joseph, second vice president; Virginia G. Young, Columbia, third vice president; Noble E. Cunningham Jr., Columbia, fourth vice president; R. Kenneth Elliott, Liberty, fifth vice president; Robert G.J. Hoester, Kirkwood, sixth vice president; Albert M. Price, Columbia, treasurer; James W. Goodrich, Columbia, executive director, secretary, and librarian.

### Trustees of the Society

Permanent trustees, former presidents of the society are: H. Riley Bock, New Madrid; Lawrence O. Christensen, Rolla; Leo J. Rozier, Perryville; Robert C. Smith, Columbia; Avis G. Tucker, Warrensburg.





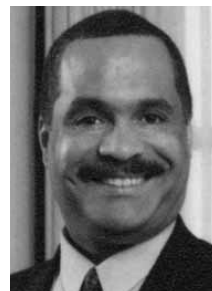
**WILL E. MCCARTHER**  
President, Board of Curators  
Lincoln University



**JULIUS C. DIX**  
Vice President, Board of Curators  
Lincoln University



**LARRY V. SCHEPERS**  
Secretary, Board of Curators  
Lincoln University



**REUBEN A. SHELTON**  
Treasurer, Board of  
Curators, Lincoln University



**CYNTHIA BLOSSER**  
Member, Board of Curators  
Lincoln University



**RALPH M. CARO**  
Member, Board of Curators  
Lincoln University



**PEARLE I. EVANS**  
Member, Board of Curators  
Lincoln University



**GREG S. GAFFKE**  
Member, Board of Curators  
Lincoln University

Trustees elected for three-year terms: Walter Allen, Brookfield; W.H. (Bert) Bates, Kansas City; Charles B. Brown, Kennett; Charles R. Brown, St. Louis; Vera F. Burk, Kirksville; Charles W. Digges Sr., Columbia; Dick Franklin, Independence; Donna J. Huston, Marshall; John K. Hulston, Springfield; Gary R. Kremer, Jefferson City; Virginia Laas, Joplin; James R. Mayo, Bloomfield; W. Grant McMurray, Independence; Emory Melton, Cassville; Thomas L. Miller Sr., Washington; James B. Nutter, Kansas City; Bob Priddy, Jefferson City; Dale Reesman, Boonville; James R. Reinhard, Hannibal; Arvarh E. Strickland, Columbia; Blanche M. Touhill, St. Louis; Henry J. Waters III, Columbia; Phebe Ann Williams, Kirkwood.

In addition to the elected trustees and the president and vice presidents of the society, the governor, secretary of state, state treasurer, president of the University of Missouri and chancellor of the University of Missouri-Columbia serve as members of the board of trustees.

Executive committee (the president of the society and eight members of the board of trustees elected by the trustees compose the committee): Walter Allen, Brookfield; Bruce H. Beckett, Columbia; H. Riley Bock, New Madrid; Lawrence O. Christensen, Rolla; Dick Franklin, Independence; James C. Olson, Kansas City;



**ROBERT R. WHEELER**  
Member, Board of Curators  
Lincoln University



**DR. DAVID B. HENSON**  
President  
Lincoln University

Robert C. Smith, Columbia; Avis G. Tucker, Warrensburg; Virginia G. Young, Columbia.

## Lincoln University

Jefferson City 65101

Telephone: (573) 681-5000 / FAX: (573) 681-5566

[www.LincolnU.edu](http://www.LincolnU.edu)

Lincoln University was founded in 1866 through the cooperative efforts of the enlisted men and officers of the 62nd and 65th U.S. Colored infantries. Lincoln University was designed to meet the educational and social needs of freed

African-Americans. In 1890, Lincoln became a land-grant college which brought industrial and agricultural courses to the curriculum.

While remaining committed to its original purpose, the university, in September 1954, expanded its historical mission to embrace the needs of a significantly broader population reflecting varied social, economic, educational and cultural backgrounds. This is the unique purpose that Lincoln University fulfills in higher education.

The core mission of Lincoln University is to provide excellent educational opportunities for a diverse student population in the context of an open enrollment institution. The university provides student-centered learning in a nurturing environment, integrating teaching, research and service.

Lincoln University offers relevant, high-quality undergraduate degrees in more than 40 majors, and select graduate programs. In addition, there are divisions of Continuing Education and Adult Evening and Weekend Instruction. All of these programs are grounded in the liberal arts and sciences and focused on public service professions that meet the academic and professional needs of its student clientele.

The campus is comprised of nearly 158 acres, not including the three university-owned farms for agricultural research: Busby Research Farm (273 acres), Carver Research Farm (172.7 acres), and Freeman Farm (199 acres). Greenberry Farm, the farm headquarters, is leased from the State of Missouri.

Located prominently in the heart of campus is Inman E. Page Library, which opened in January 1997. The 80,000 square foot, state-of-the-art facility features the latest in computer technology, distance learning and world-wide informational networking. This facility is four times larger than the library it replaced and is often referred to as the "information mall." It has become the aesthetic centerpiece of Lincoln University's historic campus.

Lincoln University is unique in that it strives to create an academic environment in which every student, who has the potential and desire, is offered the opportunity to achieve academic success. Lincoln University has an outstanding faculty and caring staff, whose charge it is to serve—knowing each student and caring that each one succeeds.

## Members, Board of Curators

**McCarthy, Will E.**, (D), president, Kansas City, Jan. 1, 2005;

**Dix, Julius C.**, (D), vice president, St. Louis, Jan. 1, 2005;

**Schepers, Larry V.**, (R), secretary, Jefferson City, Jan. 1, 2004;

**Shelton, Reuben A.**, (D), treasurer, St. Louis, Jan. 1, 2006;

**Blosser, Cynthia**, (R), Jefferson City, Jan. 1, 2008;

**Caro, Ralph M.**, (R), Kansas City, Jan. 1, 2008;

**Evans, Pearlie I.**, (D), St. Louis, Jan. 1, 2006;

**Gaffke, Greg S.**, (D), Jefferson City, Jan. 1, 2008;

**Wheeler, Robert R.**, (R), Kansas City, Jan. 1, 2006;

**Woodson, Leonard S. Jr.**, student representative/non-voting member, St. Louis, May 1, 2003.

*Faculty and staff, Lincoln University: Page 1195*

## Linn State Technical College

*One Technology Dr., Linn 65051*

*Telephone: (573) 897-5000 / FAX: (573) 897-4656*

*www.linnstate.edu*

Linn State Technical College, founded in 1961, is Missouri's only two-year public technical college with a state-wide mission. Originating as Linn Technical Junior College, the college became a part of the public higher education system in Missouri with the passing of legislation by the 88th General Assembly.

The original educational institution was established with funding from the National Defense Education Act as a public postsecondary residential technical institution. The philosophy of the original institution was "to provide two-year vocational-technical programs to all students who wish to prepare themselves for employment."

From the very first class of students in 1961, the reputation of the college has continued to grow and become synonymous with quality technical education because it has been responsive to workplace needs. The college has a long-standing reputation for producing graduates with the valued technical and interpersonal skills needed for advancement in the workplace. With a mission to "...offer to the diverse population of Missouri associate-level advanced technical education in both emerging and traditional technologies and support the economic development in the state," and with a legislative mandate to prepare students for profitable employment, Linn State Technical College offers more than 21 technical programs as well as customized and contract training for Missouri business and industry.

Linn State Technical College offers two-year associate of applied science degrees as well as certificates. In each program, the curriculum includes an integration of theory with hands-on application and experience. Such integration ensures the development of functional troubleshooting skills with traditional and innovative



DIANE M. BENETZ  
Member  
Linn State Technical College  
Board of Regents



NORMA B. CLAYTON  
Member  
Linn State Technical College  
Board of Regents



DONALD K. JOHNSON  
Member  
Linn State Technical College  
Board of Regents



MICHAEL L. KEHOE  
Member  
Linn State Technical College  
Board of Regents



JOHN A. KLEBBA  
Member  
Linn State Technical College  
Board of Regents



MICHAEL S. MANIER  
Member  
Linn State Technical College  
Board of Regents



NORMA J. STACK  
Member  
Linn State Technical College  
Board of Regents



THOMAS KOCH  
Student Representative  
Linn State Technical College

techniques, approaches and equipment. Also emphasized are teamwork, interpersonal skills and work ethic. In addition, the general education core contributes to the high level of critical thinking and problem solving ability of graduates. As part of their education, many students participate in on-the-job experience through industrial internships.

Linn State Technical College monitors the economic, industrial, and technological needs of the state as new programs are proposed for development. Programs recently developed include Nuclear Technology, Laser/Photonics Technology, and the Caterpillar Dealer Service Technician option through the Heavy Equipment Technology program.

The college is a small, caring community dedicated to the development of the potential of each student. Class size is purposely kept small to encourage adequate individual attention and faculty-student interaction. The student body consists of traditional students who recently graduated from high school, as well as working adults making a career shift or enhancing technical skills.

The faculty has a combination of higher education credentials and real-world experiences in



DR. DONALD CLAYCOMB  
President  
Linn State Technical College

their professional areas of expertise. In addition, they are continually updating their skills through college courses, industrial training, and workshops. The college recently completed the construction of the 94,000-square-foot Information Technology Center, which houses state-of-the-art library facilities, a distance-learning center, and academic classrooms. On-campus housing was first available in 2000, with additional units available for fall 2003.

Linn State Technical College is accredited by The Higher Learning Commission and a member of the North Central Association. Other professional accreditations, certifications or affiliations at the program level include: the Cisco; Commission on American Physical Therapy; National Automotive Technicians Education Foundation (NATEF); Federal Aviation Administration (FAA); American Design Drafting Association (ADDA); Heating, Ventilation, and Air Conditioning (HVAC) Excellence - Education Standards Corporation; National Institute for Metal-working Skills, Incorporated (NIMS); National Association of Industrial Technology (NAIT); Associated Equipment Distributors Foundation (AEDF); and Cisco Education Ecosystem. Many instructors hold individual certifications related to their respective teaching fields.

The primary campus is located along Highway 50 on 249 acres one mile east of Linn and includes a public airport. The Physical Therapist Assistant Program is offered primarily from a hospital setting in Jefferson City. The Integrated Manufacturing Technology, Laser/Photonics Technology, and Nuclear Technology programs are offered in Mexico, Missouri, at the Advanced Technology Center, a cooperative higher education technology center. In addition, customized and contract training is offered to Missouri business and industry through the Mobile Training Unit and on-site training.

## Members, Board of Regents

**Benetz, Diane M.**, (D), Parkville, Dec. 29, 2007;  
**Clayton, Norma B.**, (D), Manchester, Dec. 29, 2003;

**Johnson, Donald K.**, (D), St. Charles, Dec. 29, 2005;

**Kehoe, Michael L.**, (R), Jefferson City, Dec. 29, 2007;

**Klebba, John A.**, (R), Linn, Dec. 29, 2007;

**Manier, Michael S.**, (R), Houston, Dec. 29, 2007;

**Stack, Norma J.**, (D), Mexico, Dec. 29, 2003;

**Koch, Thomas**, student representative, non-voting member, May 1, 2003;

**Faculty and staff, Linn State Technical College:**  
 Page 1198

## Truman State University

100 E. Normal  
 Kirksville 63501  
 Telephone: (660) 785-4000  
[www.truman.edu](http://www.truman.edu)

Truman State University, founded in 1867, is Missouri's state-wide public liberal arts and sciences university and the only public university in the state with highly selective admission standards.

For the sixth consecutive year, *U.S. News and World Report* has recognized Truman as the No. 1 public university in the Midwest Region—Master's category. Truman State University has drawn attention from higher education experts as a premier value among public institutions in the Midwest.

Combining affordability and a top-quality education, Truman has been recognized by the *Fiske Guide to Colleges* as a "budget ivy league institution on a quest for academic excellence."

In addition to being highlighted in key college guides, Truman has been featured in *The Washington Post*, *The New York Times*, *USA Today*, *The Dallas Morning News*, *The Kansas City Star* and *The St. Louis Post-Dispatch*.

Truman State University has a long history of being recognized nationally for its innovative assessment program and its commitment to providing a high-quality liberal arts and sciences education at an affordable price. Truman's program of assessment allows the university to measure the results of the teaching-learning process and to gather critical information on student growth and development to ensure that graduates are prepared for future success.

Truman's curriculum provides each student, regardless of intended specialization, with a foundation of knowledge appropriate to a traditional liberal arts and sciences education. It also requires major field specialization, providing each student with in-depth knowledge and mastery of a discipline. This exemplary undergraduate education provides graduates with the knowledge and skills necessary to be successful upon graduation. More than 40 percent of Truman's graduates enter graduate and professional schools within six months of their graduation.

Truman's students consistently rank among the highest in their high school graduating classes. For example, the middle 50 percent of the fall 2002 class scored between 25 and 30 on the ACT, while the high school grade point average was a 3.75 on a 4.00 scale. In addition to their academic abilities, more than 99 percent of the class had leadership roles while in high school.

Truman's 6,000 students pursue degrees in 43 undergraduate and nine graduate areas of study in eight academic divisions.

Truman emphasizes high-quality teaching as its top priority. Truman students benefit from a 15:1 student/faculty ratio, which allows for greater one-on-one interaction. In addition to the classroom experience, about one-sixth of the university's undergraduate students engage in major research projects with faculty mentors outside the classroom during their Truman experience.

Truman has been accredited since 1914 by the Higher Learning Commission and is a mem-



THOMAS R. JAYNE  
President  
Truman Board of Governors



MICHAEL T. SCHWEND  
Vice President  
Truman Board of Governors



SARAH B. BURKEMPER  
Secretary  
Truman Board of Governors



JOHN W. BRISCOE  
Member  
Truman Board of Governors



G. RUTH MACH  
Member  
Truman Board of Governors



WILMA MADDOX  
Member  
Truman Board of Governors



RANDA RAWLINS  
Member  
Truman Board of Governors



PETER T. EWELL  
Out-of-State Member  
Truman Board of Governors



MATTHEW C. BARNES  
Out-of-State Member  
Truman Board of Governors



EMILY DUNN  
Student Representative  
Truman Board of Governors



DR. BARBARA DIXON  
President  
Truman State University

ber of the North Central Association. It also is fully accredited by AACSB International (The Association to Advance Collegiate Schools of Business), American Chemical Society, American Speech-Language-Hearing Association, the Commission on Accreditation of Allied Health Education Programs, Council for Accreditation of Counseling and Related Education Programs, Missouri State Board of Nursing, National Association of Schools of Music, National Council for Accreditation of Teacher Education, Commission on Collegiate Nursing Education and the Department of Elementary and Secondary Education.

Truman State University is committed to the advancement of knowledge; freedom of thought and inquiry; and the personal, social, and intellectual growth of each of its students. Truman strives to maintain a recognized standard of excellence in all of its educational endeavors and a responsible stewardship of the resources provided by the people of Missouri.

### Members, Board of Governors

Jayne, Thomas R., (R), president, Webster Groves, Jan. 1, 2006;



**Schwend, Michael T.**, (D), vice president, Kirksville, Jan. 1, 2007;

**Burkemper, Sarah B.**, (D), secretary, Troy, Jan. 1, 2007;

**Briscoe, John W.**, (D), New London, Jan. 1, 2005;

**Mach, G. Ruth**, (R), St. Louis, Jan. 1, 2006;

**Maddox, Wilma**, (R), Macon, Jan. 1, 2005;

**Rawlins, Randa**, (D), Kansas City, Jan. 1, 2008;

**Ewell, Peter T.**, out-of-state/non-voting, Boulder, Colorado, Jan. 1, 2004;

**Barnes, Matthew C.**, out-of-state/non-voting, Houston, Texas, Jan. 1, 2007;

**Dunn, Emily**, student representative.

**Faculty and staff, Truman State University: Page 1199**

## Central Missouri State University

Warrensburg 64093

Telephone: (660) 543-4111

[www.cmsu.edu](http://www.cmsu.edu)

Founded in 1871, Central Missouri State University has grown from a regional normal school dedicated to teacher preparation into a comprehensive university charged with meeting the higher education needs of all Missourians. The newest chapter in central's development began October 10, 1996, when the Missouri Coordinating Board for Higher Education approved the university's statewide mission in professional applied sciences and technology.

The enhanced mission reflects an overall commitment to academic excellence and career preparation that has allowed Central to evolve into one of the outstanding public universities in the Midwest. It also means the latest technologies are being integrated throughout Central's comprehensive liberal arts curriculum. This is having a far-reaching impact on approximately 11,000 students from nearly all 50 states and over 60 foreign countries who attend Central and engage in 150 areas of study tailored to meet individual needs.

Beyond Missouri, Central offers onsite and online learning opportunities to students in other parts of the United States and the world. The university's international programs include exchange opportunities, internships, and student-teaching programs that are all among the most challenging and affordable anywhere.

Degrees conferred by the university include the Associate in Science, Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, Bachelor of Science, Bachelor of Science in Business Administration, Bachelor of Science in Education, and Bachelor of Science in Social Work. At the graduate level, Central offers excellent programs leading to Master

of Arts, Master of Science, Master of Science in Education, Master of Business Administration, and Education Specialist degrees. In addition, a cooperative doctoral program in educational leadership exists in conjunction with the University of Missouri, and a cooperative Ph.D. program in technology management is available in conjunction with Indiana State University. UM and ISU serve as the degree-granting institutions.

Administratively, the university's academic affairs division is divided into four core academic colleges, The Honors College, and The Graduate School. The academic colleges are:

- The College of Applied Sciences and Technology, which prepares students for highly competitive careers in industry, government, health care and many more fields. Departments within the college include agriculture, graphics, power and transportation, manufacturing and construction, safety science and technology, military science, and nursing. The college has achieved national recognition in safety, graphics, aviation and military science.

- The Adrian and Margaret Harmon College of Business Administration, which ranks among the finest business schools in Missouri and offers programs in accounting, marketing and legal studies, computer and office information systems, and economics and finance.

- The College of Education and Human Services, which prepares teachers for all grade levels in addition to professionals in such fields as criminal justice, psychology and counselor education, sociology and social work, physical education, consumer services management, communication disorders, and educational leadership and human development.

- The College of Arts and Sciences, which provides a comprehensive liberal arts foundation in support of the entire university curriculum. Departments include art, music, modern languages, English and philosophy, theatre, communication, chemistry and physics, biology and earth science, mathematics and computer science, history and anthropology, and political sciences and geography.

Additional degree programs are offered through the Department of Library Science and Information Services.

All course work at Central Missouri State University is fully accredited by the North Central Association's Higher Learning Commission. Central also is a state leader in program-specific accreditations, which have been granted by national organizations in actuarial science, art, aviation, business administration, chemistry, consumer services management, drafting technology, industrial hygiene, manufacturing and construction, music, nursing, social work, speech pa-



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**DELORES A. HUDSON**  
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CMSU Board of Governors



**ROBERT G. RUSSELL**  
Secretary  
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CMSU Board of Governors



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CMSU Board of Governors



**BOBBY R. PATTON**  
President  
Central Missouri State University

thology and audiology, and teacher education. All of the university's business administration degrees are accredited by the Association to Advance Collegiate Schools of Business (AACSB).

Central's main campus—with its instructional buildings, Elliott Union, 18 conveniently located residence halls, and modern family housing—is the center of university life. However, the complete physical plant comprises 1,300 acres, including the University Farm, the 300-acre Perle Springs recreational and biological research area, and Max B. Swisher Skyhaven Airport. State-of-the-art athletic facilities include the 8,500-seat Multipurpose Building, Audrey J. Walton Stadium at Vernon Kennedy Field, James R. Crane Stadium at Robert N. Tompkins Field, and the newly developed South Recreation/Athletic Complex.

Completed in 1999, the \$30 million James C. Kirkpatrick Library is a state-of-the-art electronic library, containing nine miles of data cable with more than 1,440 Ethernet connections to the Internet. Central's library is a leader in developing two-way interactive television, information technologies and Internet training facilities, and in providing access to electronic information resources to the state's citizens.

At Central, students are valued members of the university family, and their successes—both in the classroom and in life—are the highest priority. An educational philosophy combining intellectual rigor and practical career preparation allows Central graduates to reap the full benefits of their university experiences. Central currently has a 93.9 percent job placement rate of graduates within six months of receiving their degrees.

### Members of the Board of Governors

**Johnson, E. Lenita**, (D), president, Kansas City, Jan. 1, 2005;

**Hudson, Delores A.**, (D), vice president, Warrensburg, Jan. 1, 2007;

**Russell, Robert G.**, (D), secretary, Warrensburg, Jan. 1, 2003;

**Adelman, Ernest Z.**, (R), Frontenac, Jan. 1, 2006;

**Dralus, John J.**, (R), Kansas City, Jan. 1, 2005;

**Nichols, Palmer R. II**, (R), Jefferson City, Jan. 1, 2007.

*Faculty and staff, Central Missouri State University: Page 1204*



KAREN DANIEL  
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NWMO Board of Regents



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NWMO Board of Regents



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DOUG SUTTON  
Member  
NWMO Board of Regents

## Northwest Missouri State University

Maryville 64468-6001

Telephone: (660) 562-1212 / FAX: (660) 562-1900

[www.nwmissouri.edu](http://www.nwmissouri.edu)

Northwest Missouri State University is a coeducational, primarily residential, regional university offering a broad range of undergraduate and selected graduate programs. Since its founding in 1905 as a normal school, the university has shared educational responsibility for 19 counties in northwest Missouri. The university's programs place special emphasis on agriculture, business and teacher education, particularly as these professions contribute to the primary service region. All of the university's programs build upon comprehensive general education requirements.

The university places importance on developing each student's self-understanding, encouraging creative self-expression and stimulating continuing intellectual curiosity. Opportunities are provided for students to develop an appreciation for the creative accomplishments of the human race as reflected in the arts, humanities and sciences. Throughout the university, students are taught to gather, organize, analyze and synthesize information; think coherently; use computers and current technology; and speak and write clearly. Integration of the above attitudes, experi-



DR. DEAN L. HUBBARD  
President, Northwest Missouri  
State University

ence and skills into all aspects of the vocational, technological, pre-professional, professional and graduate curricula is considered essential for developing a flexible, self-renewing learner who will function effectively in a global society.

Accepting the responsibility to be a creator as well as a curator and communicator of ideas, the university promotes applied research which relates directly to the needs of its region, improves the teaching and learning process and advances understanding in the subject matter areas of the institution. The university encourages the continuous professional development

of its faculty and staff and ensures freedom to examine ideas and express conclusions without interference. Academic freedom is limited only by the equally important obligations of academic responsibility.

Recognizing its obligation to enhance the quality of life for its citizens of Missouri, the university is a center for regional development, life-long learning, research, the arts and recreation. Northwest is also a center for improving and expanding opportunities for access to learning through cooperative efforts with other agencies and institutions.

Northwest's student-centered Culture of Quality continually develops all individuals in the university community by accommodating and celebrating diverse learners and ways of learning and by practicing quality in all activities. In recognition of that, Northwest received the Missouri Quality Award in 1997 and 2001, the first educational institution in the state to win the award twice. The university has a deep sense of commitment to students and stakeholders, which provides the foundation by which the university operates.

Since 1997, Northwest has placed a personal desktop computer in each residence hall room on campus. This program allows students to access the World Wide Web; utilize such software programs as Windows Office, Access, Excel, and PowerPoint; and use a built-in CD-ROM. This electronic campus program greatly enhances learning opportunities through connection with a wide variety of databases as well as providing each student with the opportunity for computer literacy.

Northwest is also a leader in the development of the Northwest Missouri Educational Consortium, which promotes cooperation and links resources among educational institutions servicing the citizens of northwest Missouri. It is Northwest's goal to meet the educational needs of all the citizens and organizations of the region. Joining Northwest to form the consortium are the University of Missouri (including Extension), Missouri Western State College, North Central Missouri College, Grand River Technical School, North Central Area Vocational Technical School, Northwest Technical School and the Brookfield Area Career Center. The three Small Business Development centers in the region (Maryville, St. Joseph and Chillicothe) also participate.

The Consortium serves 22 counties in the northwest quadrant of the state. These counties include the 19 counties constituting Northwest's historic service region plus three counties served by North Central Missouri College that do not overlap with Northwest's region.

The Missouri Academy of Science, Mathematics and Computing was founded at Northwest in 2000. The rigorous program is an accelerated, two-year residential program for high school students academically talented in science, mathematics or technology. Students are challenged by college coursework tailored to individual abilities and taught by Northwest faculty. Students who complete the program earn an associate of science degree.

## Members, Board of Regents

**Daniel, Karen**, (D), Kansas City, Jan. 2006;  
**Hanks, Rita B.**, (D), Smithville, Jan. 2009;  
**Hurst, Lydia**, (R), Tarkio, Jan. 2007;  
**Johnson, James D.**, (R), Agency, Jan. 2005;  
**Rangel, Juan R. Jr.**, (D), Kansas City, Jan. 2006;  
**Schneider, Don**, (R), Wildwood, Jan. 2009;  
**Stadlman, Rollie**, (D), Chillicothe, Jan. 2007;  
**Sutton, Doug**, (R), Maryville, Jan. 2007;  
**Klute, Paul**, student representative, Westboro, May 2004.

*Faculty and staff, Northwest Missouri State University: Page 1212*

## Southeast Missouri State University

*Cape Girardeau 63701*

*Telephone: (573) 651-2000 / FAX: (573) 651-5061*

*www.semo.edu*

Southeast Missouri State University, serving more than 9,500 students each year, is located in Cape Girardeau, a community of more than 40,000 residents on the west bank of the Mississippi River.

The university benefits from a rich exchange of community, regional and university ideas. Because experiential learning—internships, student teaching, discipline-specific practice and research—is the hallmark of the institution, the community and the region offer extensive partnerships to create opportunities for students to combine classroom theory with practical experience in the “real world.” Nearly 100 percent of the academic programs at Southeast offer an opportunity for experiential or “real world” learning.

For example, education majors test their abilities in one of many area schools; communication majors work in the industries of radio, television, newspapers, advertising or public relations; and criminal justice students learn alongside local and regional law enforcement professionals. In fact, at Southeast, the community and region are viewed as a laboratory no university alone could afford to build.

The career advantage given to Southeast graduates by this effective combination of tradi-

tional classroom theory and practical experience gives rise to the university's slogan, "Experience Southeast ... Experience Success."

Recently, Southeast was named among a select few institutions nationwide listed as a "hidden treasure" by the Kaplan National Guidance Counselor Survey.

Founded in 1873, Southeast has served the residents of a 26-county area from the Arkansas state line to the city of St. Louis in a territory that is larger than the area of nine states and in an area where the population is larger than the population of 17 states. The university has awarded more than 60,000 degrees and enhanced the lives of thousands more.

The current enrollment includes more than 8,300 undergraduates and some 1,200 graduate students. Enrollment at Southeast has been on the rise over the past eight years—so much so that, in 2002, a new residence hall was opened. Southeast was the only public college or university in Missouri to open a new residence hall. The facility primarily houses some 300 returning students and features suite-style living and high-speed internet access in every room.

Southeast is an ideal size for students seeking a mid-sized, friendly place to learn, experience and succeed at both academic pursuits and extracurricular opportunities. With almost 400 full-time faculty, 90 percent holding doctoral or terminal degrees in their disciplines, the university is large enough to provide more than 150 academic areas of study. And with a student to faculty ratio of 17:1, the university is small enough for students to get to know each other on an individual basis, and for students and faculty to interact on a personal basis. It is in this environment that the university believes the best learning takes place.

Southeast also has a diverse student population. Students attend Southeast from throughout southeast Missouri, southern and western Illinois, and the St. Louis metropolitan area. In addition, students from 45 countries and 10 states add to the unique Southeast experience.

**Five colleges and three schools:** As a comprehensive university—one which offers a variety of professional and educational programs—Southeast offers students a wide array of choices.

These academic programs have been organized within the structure of five colleges and three schools. These include the Donald L. Harrison College of Business; the Colleges of Education, Health and Human Services, Liberal Arts, and Science and Mathematics; the School of Polytechnic Studies; the School of University Studies, which governs the general education courses required of all students; and the School of Graduate Studies and Research, which over-

sees postgraduate degree programs at the master, specialist and doctoral levels. A fourth school—the School of Visual and Performing Arts—is under development.

**Programs in demand:** Southeast's program in teacher education is nationally recognized and accredited. The innovative teacher training begins during a student's first year at the university, with field opportunities that require students to experience a variety of teaching settings. The senior year culminates with a full semester of student teaching.

Southeast's leadership in its education program has resulted in its acceptance into the prestigious Renaissance Group of institutions with exemplary programs in education and membership in the Coalition of Universities and Businesses for Education. Southeast also is a two-time winner of the Christa McAuliffe Showcase for Excellence Award in teacher education, which is presented by the American Association of State Colleges and Universities.

Some of the other popular academic areas at Southeast are pre-med, business, science (biological, physical and environmental), criminal justice, computer science, communication, music, art, theatre and dance, social work, and pre-engineering. Unique programs such as historic preservation, sports management, athletic training and corporate video round out an array of choices that bring students from around the country to study and live on the campus of Southeast Missouri State University.

**Kent Library:** To support student research and learning, Kent Library implemented MOBIUS, the shared, statewide computerized library system, expanding access to an impressive 14 million titles. In addition, the library gives students access to 6,638 full-text periodicals online. Kent Library's Rare Book Room is home to the Louis Daniel Brodsky Faulkner Collection, which gives Southeast the distinction of having one of the world's four most significant collections of William Faulkner literary materials.

**Outreach centers:** In partnership with other institutions in the Southeast Missouri Educational Consortium, Southeast operates four higher education outreach centers. The Harry L. Crisp Bootheel Education Center, established in 1987, brings additional educational opportunities to the people in southeast Missouri at its site in Malden. The Malden Center has been recognized as one of 20 model rural postsecondary programs in the United States and has received the Distinguished Program Award from the National Association for Continuing Higher Education. The Sikeston Area Higher Education Center began its operations in a temporary home in 1998, and moved into a new 30,000-square-foot





DONALD L. DICKERSON  
President  
Southeast Board of Regents



DONALD (Brad) BEDELL  
Member  
Southeast Board of Regents



SANDRA M. MOORE  
Member  
Southeast Board of Regents



DOYLE L. PRIVETT  
Member  
Southeast Board of Regents



GAIL L. ROBERTSON  
Member  
Southeast Board of Regents



JOHN C. TLAPEK  
Member  
Southeast Board of Regents



LAURA HOCKENSMITH  
Student Member  
Southeast Board of Regents



DR. KENNETH W. DOBBINS  
President, Southeast Missouri  
State University

facility in 2000. A new Kennett Area Higher Education Center also opened in 2000 and the university opened a fourth area higher education center in Perryville in 2002. Courses in these centers are taught by faculty from the university and cooperating community colleges, both on site and via instructional television or the Internet. In addition, the university offers bachelor's degree completion opportunities for holders of associate's degrees in selected fields at Poplar Bluff, St. Louis and other locations throughout the region, in cooperation with the community colleges and the University of Missouri.

The university has constructed and equipped a comprehensive, area-wide distance learning network called SEE-NET as part of an enhanced mission plan approved by the Coordinating Board for Higher Education. The outreach centers also are a part of Southeast's enhanced mission, which emphasizes better access to postsecondary education throughout Southeast Missouri. At no other time have so many residents of the southeast Missouri region been enrolled in the region's institutions of higher education.

**Accreditation and affiliations:** The university is fully accredited by the North Central Association of Colleges and Schools and the National

Council for the Accreditation of Teacher Education.

In addition, the university holds specific accreditations and/or approvals from: AACSB—The International Association for Management Education, American Chemical Society, American Park and Recreation Society, American Speech-Language-Hearing Association, Commission on Accreditation for Dietetics Education, Commission on Accreditation of Allied Health Education Programs (Athletic Training), Commission on Collegiate Nursing Education, Council for Accreditation of Counseling and Related Education Programs, Council on Social Work Education, Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, National Association for the Education of Young Children, National Association of Industrial Technology, National Association of Schools and Colleges of Music, National League for Nursing and the National Recreation and Park Association/American Association.

**Athletics:** Southeast participates in NCAA Division I athletics as a member of the Ohio Valley Conference. Men's sports include baseball, basketball, cross country, football, golf, and indoor and outdoor track. Women's sports include basketball, cross country, gymnastics, soccer,

softball, tennis, indoor and outdoor track, and volleyball.

**University Foundation:** Gifts from friends of the university and alumni enable the institution to supplement taxpayers' dollars for the benefit of the students. In 1983, the Southeast Missouri University Foundation was established, and funds raised since then have been used strategically to provide a margin of excellence and to bring national attention to Southeast. For instance, the new Otto and Della Seabaugh Building, which houses the School of Polytechnic Studies, was completed in 2001. This building was made possible by the gifts of the Seabaughs and assisted the School of Polytechnic Studies in being recognized as a Missouri Center for Excellence in Advanced Manufacturing Technology.

Donors are helping to make possible the River Campus, a cooperative project with the state of Missouri, the city of Cape Girardeau and the federal government. The River Campus facilities, which will house the School of Visual and Performing Arts, will be constructed on the 16.6-acre St. Vincent's College and Seminary property adjacent to the new Bill Emerson Memorial Bridge. The 100,000-square-foot proposed structure will include a 1,000-seat performance hall, a recital hall, a regional museum, rehearsal rooms, theatres, dance and art studios, and related facilities.

**Admission:** Southeast Missouri University is a moderately selective university. As defined by the Missouri Coordinating Board for Higher Education, this means that students who have taken the required college preparatory curriculum in high school and who have met certain testing guidelines are eligible for admission to the university. Call the Admissions Office at (573) 651-2590; e-mail to [admissions@semo.edu](mailto:admissions@semo.edu) or visit the university's web site at [www.semo.edu](http://www.semo.edu).

## Members, Board of Regents

**Dickerson, Donald L.,** (D), president, Cape Girardeau, Jan. 1, 2005;

**Bedell, Donald (Brad),** (R) Sikeston, Jan. 1, 2007;

**Moore, Sandra M.,** (D), St. Louis, Jan. 1, 2005;

**Privett, Doyle L.,** (R), Kennett, Jan. 1, 2003;

**Robertson, Gail L.,** (D), Poplar Bluff, Jan. 1, 2009;

**Tlapek, John C.,** (R), Cape Girardeau, Jan. 1, 2007;

**Hockensmith, Laura,** student member, St. Louis, Jan. 1, 2004.

**Faculty and staff, Southeast Missouri State University: Page 1216**

## Southwest Missouri State University

Springfield 65804

Telephone: (417) 836-5000

[www.smsu.edu](http://www.smsu.edu)

Southwest Missouri State University (SMSU) is a multi-campus metropolitan university system with a statewide mission in public affairs whose purpose is to develop educated persons while focusing on five themes: professional education, health, business and economic development, creative arts, and science and the environment.

SMSU campuses are structured to address the special needs of the urban and rural populations they serve. SMSU-Springfield is a selective admissions, graduate-level teaching and research institution. SMSU-Mountain Grove houses the department of fruit science, part of the SMSU School of Agriculture in the College of Natural and Applied Sciences. The fruit science department operates the Missouri State Fruit Experiment Station and the Mid-America Viticulture and Enology Center, which serve the Missouri fruit production, processing and wine industries. The SMSU-Extended Campus provides anytime, anyplace learning opportunities through telecourses, Internet-based instruction and through its interactive video network (BearNet) and sub-networks (GrizzNet and VineNet). In addition, the university operates several special campuses to meet the needs of Missourians and SMSU students. The university also operates the Bull Shoals Field Station near Forsyth, Baker's Acres and Observatory near Marshfield, and the SMSU Graduate Center in Joplin.

SMSU is the second-largest university in the state. It is located in the state's third-largest city with a metropolitan service area of approximately 330,000. Its student body is geographically diverse, with students from all of the 114 counties in Missouri, and from 45 states and 91 foreign countries. Since 1986, more than 250 National Merit Finalists have enrolled at SMSU. The university currently has nearly 450 valedictorians and salutatorians in its student body.

**Public Affairs:** SMSU is distinguished by its statewide mission in public affairs, a campus-wide commitment to foster competence and responsibility in the common vocation of citizenship. Integrated throughout the student experience, the public affairs mission seeks to develop citizens of enhanced character, more sensitive to the needs of community, more competent and committed in their ability to contribute to society, and more civil in their habits of thought, speech and action.

Public affairs are manifested across campus in a number of forms. A citizenship and service-learning program allows students to engage in

community service and apply academic knowledge to solve real-life problems while earning academic credit. A junior-level capstone course immerses students in current public affairs issues, encouraging them to view the public implications of their chosen discipline. The Campus Volunteer Center matches students, faculty and staff with community volunteer opportunities.

SMSU is the host campus for the Missouri Campus Compact, a statewide coalition of university and college presidents dedicated "to helping students develop the values and skills of civic participation through involvement in public service." Missouri Campus Compact currently has 26 members, with representatives from each of the categories of four-year public, four-year private, and two-year colleges and universities.

A series of speakers have come to campus to address citizenship and other public affairs issues. The speakers have included three Nobel Peace Prize winners, F.W. de Klerk, Elie Wiesel and Jody Williams. Other speakers include former U.S. Senator Bill Bradley, 1997 Inaugural Poet Miller Williams, and senior editor of *The Wall Street Journal* Joseph N. Boyce.

These and other efforts resulted in the John Templeton Foundation naming Southwest Missouri State University to its *Templeton Guide: Colleges that Encourage Character Development* in 1999, a designation received by 100 universities in the country. This is the second time SMSU has been honored by the foundation. Additionally, SMSU was one of only four public institutions nationwide to be selected for both the Templeton Honor Roll and the Presidential Leadership sections. Four SMSU university programs also received recognition.

**History:** Southwest Missouri State University was founded as the Missouri State Normal School, Fourth District, by legislative action on March 17, 1905. SMSU first opened its doors in June 1906. Almost 100 years and three name changes later, SMSU is a comprehensive state university system offering a wide variety of programs and services to its students and the citizens of the state.

During the 1995 session of the Missouri General Assembly, SMSU received a statewide mission in public affairs, making it the only Missouri university emphasizing the development of aware, committed and active participants in tomorrow's society.

**Facilities:** Southwest Missouri State University's main campus is located on 225 acres in the heart of Springfield. The 125-acre William H. Darr Agricultural Center exists in the southwest area of the city. SMSU's main campus has 18 classroom buildings, an administrative building,

a library, 11 residence halls, a multipurpose recreational facility, a sports complex, a health center and a campus-wide transit facility. The Juanita K. Hammons Hall for the Performing Arts hosts a variety of musical, dance and theatrical presentations. Among the more significant projects is the \$29.6 million Meyer Library renovation and addition, which was rededicated in September 2002.

**Enrollment:** In the fall of 2002, SMSU's enrollment was 20,497 with 18,916 students (15,570 undergraduates and 3,346 graduate students) on the Springfield campus and 1,720 on the West Plains campus. (There are 139 students enrolled on both campuses, but they are only counted once in the grand total.) The percentage of graduate students on the Springfield campus has more than doubled since 1992, from 8.3 percent to 17 percent.

**Academic programs:** SMSU's Springfield campus offers more than 140 degree programs and options within 44 academic departments. The university is accredited by the North Central Association of Colleges and Secondary Schools as well as by 21 professional associations, including the National Council for Accreditation of Teacher Education, National Association of Schools of Music, National Association of Schools for Public Affairs and Administration, the National Collegiate Athletic Association, the American Chemical Society, the Council on Social Work Education, and the American Assembly of Collegiate Schools of Business. The university's academic programs are organized within nine colleges: Arts and Letters, Business Administration, Education, Health and Human Services, Humanities and Public Affairs, Natural and Applied Sciences, Continuing Education and the Extended University, Graduate College, and the University College.

The university has a wide variety of international education programs available to students including programs in London, Costa Rica, Chile, Brazil, India and China, and has established a branch campus at Liaoning Normal University in Dalian, China. SMSU also is a member of the International Student Exchange Consortium, which provides for reciprocal exchanges to programs in more than 30 countries. In addition, SMSU's College of Continuing Education and the Extended University offers a wide variety of programs, both credit and non-credit, for adult students who are returning to college. Numerous courses tailored to meet the needs of area employers are offered as well. SMSU has the largest cooperative program in the state, with more than 1,200 students participating in internships in the public and private sectors.

**Academic excellence:** The average ACT score of entering freshmen remains above both



BARBARA D. BURNS  
Member  
SMSU Board of Governors



THOMAS CARLSON  
Member  
SMSU Board of Governors



BILL DARR  
Member  
SMSU Board of Governors



MICHAEL DUGGAN  
Member  
SMSU Board of Governors



MICHAEL FRANKS  
Member  
SMSU Board of Governors



MARY SHEID  
Member  
SMSU Board of Governors



PHYLLIS WASHINGTON  
Member  
SMSU Board of Governors



ANGELA DORROUGH  
Student Member  
SMSU Board of Governors

the state and national averages. The average ACT score for first-time freshmen was 23.5 in fall 2002 compared to 21.7 in fall 1995. With the planned full implementation of selective admission standards over the next several years, the academic profile of entering freshmen will continue to improve.

Further evidence of academic excellence at SMSU has been the recognition that student teams have received in regional and national student competitions in a number of areas including debate, advertising and media, journalism and film. The Honors College at SMSU offers extraordinary opportunities for outstanding students.

**Faculty and staff:** On the Springfield campus, SMSU has a total of 731 full-time instructional faculty and 269 part-time faculty. The student to faculty ratio is approximately 18:1.

**Research:** The principle focus of the university is applied research geared to serving the needs of diverse constituencies in the public and private sectors. Faculty are encouraged to pursue their individual and scholarly activities. The university also engages in cooperative research projects coordinated through a variety of research centers. Among these are the Center for Social Sciences and Public Policy Research,



DR. JOHN KEISER  
President, Southwest Missouri  
State University

which conducts surveys and polls on a variety of issues aimed at meeting community and state concerns; the Center for Resource Planning and Management, which conducts research throughout southwest Missouri focusing on local government planning and health needs; and the Center for Archaeological Research, which conducts studies to discover and identify the artifacts of early civilizations.

**Library:** The SMSU Libraries are comprised of the Duane G. Meyer Library, the Music Library, the Paul Evans Library of Fruit Science, and the Greenwood Laboratory School Library. These

library collections include 807,000 accessioned volumes and current subscriptions to 4,238 periodicals and newspapers with over one million units on microfilm, microfiche and microcard. Collections of audiovisual materials total over 33,500 titles. More than 901,000 state, federal and United Nations documents are held as a result of Meyer Library being a selective federal depository, a full depository for state publications, and as of December 2000, a full depository for United Nations publications. The cartographic collection is one of the largest in the state of Missouri with over 180,000 maps, aerial photos and other items.

The addition and renovation of Meyer Library was completed in 2002. The project doubled the size of the library and provided 12 group study rooms, a large area of compact shelving, an expanded campus computer lab, multimedia work stations, a new curriculum resource center, a greatly expanded special collections allowing all collections to be housed in the same location, and three classroom spaces. Also housed in the new facility are Assistive Technology, Instructional Technology and Media Services, and the Academic Development Center.

A number of special collections are housed in Meyer Library. The Ozarkiana Collection is a selective collection of books, journals and manuscripts about the Ozarks. The William J. Jones French Literature Collection contains over 2,000 items by and about poet Arthur Rimbaud and Michel Butor. The Ozarks Labor Union Archives is the largest repository of records documenting labor history in the Ozarks. Several endowments support this collection and a grant of over \$58,000 was utilized in 1998-2000 to process special sections of the holdings. University Archives serves as the institutional memory of the university by identifying, acquiring, preserving and providing access to records that chronicle the history and development of the university. A grant of over \$130,000 is helping to process these materials.

Beginning in July 2000, the state-wide MOBIUS system was implemented for the southwest area and is known as SWAN (Southwest Academic Network) with access to holdings of all cataloged materials in the member libraries. Direct patron borrowing of resources with delivery of materials in 48 hours has greatly expanded access to all types of materials. Most of the bibliographic data for this system is created as materials are cataloged using the On-line Computer Library Center, Inc., (OCLC), a database with more than 48 million bibliographic records. OCLC also is utilized for interlibrary loan and reference, with links to over 42,000 libraries in 89 countries. Electronic access is provided to reference resources, course reserve materials

and licensed commercial citation and full-text databases on the libraries' homepage at <http://library.smsu.edu>. Currently, over 75 electronic databases are available to the SMSU community. In addition to citations from thousands of journals, newspapers and books, these databases contain articles from over 3,000 journals and newspapers in full text. SMSU Libraries also maintain an extensive index of authoritative Web-based reference resources, organized by broad subject categories which include full-text, analytical, indexing and other resources.

A minor in library science is offered and graduate-level courses prepare students for certification as library media specialists. A cooperative effort with the University of Missouri-Columbia makes it possible for graduate students to enroll in SMSU courses for UM-C credit in the library science master's degree program.

During the fall and spring semesters, Meyer Library is open 99 hours a week.

**Computer facilities:** SMSU offers faculty members and students free use of its excellent computer facilities for class assignments and research. The hardware includes an upgraded IBM ES9000 mainframe, numerous file servers running highly secured NT operating systems, and a wide selection of networked microcomputers. The campus backbone network offers access to the Internet and to the campus host computers and servers from many campus locations. Major computer labs in Glass Hall, Cheek Hall and Strong Hall offer access to the campus computing resources from PC-compatible environments. Computers in the residence halls allow students to access the online resources of Meyer Library, the campus computing network and the Internet from their rooms. Dial-up access to campus computing resources is supported.

## Members, Board of Governors

**Burns, Barbara D.**, (I), Lamar, Jan. 1, 2004;  
**Carlson, Thomas**, (D), Springfield, Jan. 1, 2009;  
**Darr, Bill**, (R), Springfield, Jan 1, 2004;  
**Duggan, Michael**, (R), Chesterfield, Jan. 1, 2008;  
**Franks, Michael**, (D), Neosho, Jan. 1, 2006;  
**Sheid, Mary**, (R), West Plains, Jan 1, 2006;  
**Washington, Phyllis**, (D), Kansas City, Jan.1, 2009;  
**Dorrough, Angela**, student member, Springfield, May 1, 2003.

## SMSU–West Plains

*West Plains 65775*  
*Telephone: (417) 255-7255*  
*www.wp.smsu.edu*

SMSU–West Plains is one of three campuses within the SMSU system. The West Plains Campus is a teaching institution of higher education



offering two-year associate of arts, associate of science and associate of applied science degrees, certificates and other courses as needed by employers and citizens of the area served. The college provides a liberal arts transfer curriculum at the freshman and sophomore levels, selected occupational programs, and a variety of continuing education courses.

**History and setting:** SMSU–West Plains was founded in 1963 as the West Plains residence center. In 1977, the SMSU Board of Regents and, subsequently, the Missouri General Assembly, designated the name West Plains Campus of Southwest Missouri State University to replace Residence Center. In 1981, the legislature enacted a permanent status bill for the campus. In 1991, the legislature passed House Bill 51 which gave the West Plains Campus the authority to offer “one-year certificates, two-year associate degrees and credit and non-credit courses.”

**Facilities:** The campus is comprised of 15 buildings and 30 acres. The newest addition is the Michael J. Lybyer Enhanced Technology Center. The 40,500-square-foot center houses several classrooms, technical laboratories, computer centers and the Center for Business and Industry Training.

**Enrollment:** The fall 2002 maximum headcount enrollment was 1,720 students. The majority of students come from a seven-county area of the south-central Missouri Ozarks region and from adjacent areas in north Arkansas.

**Academic programs:** The college offers an Associate of Arts degree (A.A.) in general studies and Associate of Science degree (A.S.) in nursing. SMSU–West Plains also offers Associate of Applied Science degrees (A.A.S.) in Business, Child Development, Computer Technology, General Technology, Industrial Technology and Law Enforcement. Community-oriented continuing education courses also are offered at the West Plains campus, as well as selected inter-session and upper-level courses offered through the university departments and the continuing education office.

SMSU–West Plains also offers courses at extended campuses in Mountain Grove and Houston, Mo. The associate of arts in general studies degree can be completed at the Mountain Grove campus. At SMSU’s branch campus at Lianoning Normal University in Dalian, China, SMSU–West Plains offers courses leading to the associate of arts in general studies degree, with an emphasis on business.

The college is accredited by the Higher Learning Commission and is a member of the North Central Association.

The nursing program has full accreditation from the National League for Nursing. SMSU–West Plains is a member of the American Association of Community Colleges and the Missouri Community College Association.

## SMSU–Mountain Grove Campus

Mountain Grove 65711  
Telephone: (417) 926-4105  
[www.mtngrv.smsu.edu](http://www.mtngrv.smsu.edu)

The Mountain Grove Campus is the research campus in the SMSU System. Since 1899, the State Fruit Experiment Station has promoted growth of the Missouri fruit crop industry through a long-term program of basic and applied research and an industry advisory program. The department of fruit science and the Mid-America Viticulture and Enology Center also are located on the campus. Along with Cornell University in the East Coast and the University of California-Davis on the West Coast, SMSU–Mountain Grove serves the grape industry in Mid-America.

In cooperation with the departments of agriculture, biology and chemistry, the department of fruit science at the SMSU–Mountain Grove Campus offers classes and research as part of a cooperative master’s degree in plant science, as well as a variety of undergraduate internships and a limited number of undergraduate classes.

SMSU–Mountain Grove has a world-class research program to explore the genetic resources in grape species native to North America. Genomic technologies are the most powerful tools of modern biology. They enable the exploration of the entire DNA blueprint of an organism, including the activity and function of most genes.

**History:** The Mountain Grove campus is home to the State Fruit Experiment Station, which was established by a legislative act in 1899 and is the oldest identifiable segment of SMSU. Until 1974, the station was operated as a state agency under a board of trustees appointed by the governor. As a result of the Omnibus State Reorganization Act of 1974, administrative responsibility for the State Fruit Experiment Station was given to the Board of Governors of SMSU. Following university reorganization in 1994, the station was assigned to the Department of Fruit Science in the College of Natural and Applied Sciences.

**Staff:** There are 24 full-time employees, including nine faculty, five professional staff and 10 support staff. In addition to carrying out research and advisory programs, the faculty teach and guide graduate students in their thesis research for the master of science degree and

provide courses for undergraduate students interested in fruit science.

**Facilities:** The State Fruit Experiment Station is located on the 190-acre research campus on the outskirts of Mountain Grove, 65 miles east of Springfield. Constructed on the campus are the following buildings: Shepard Hall, which houses laboratory facilities and offices and the Paul Evans Library of Fruit Science; Faurot Hall, which underwent a \$1.1 million renovation in 1998 and now houses the Evans Library, classrooms, a plant science laboratory and offices; a fruit processing laboratory; a classroom building; two greenhouses; a United States Weather Bureau substation; equipment storage buildings; a shop; and several miscellaneous buildings. About 180 acres are designated for fruit research plantings.

**Research:** Research is conducted in pomology, enology, viticulture, plant pathology, entomology, molecular genetics and plant physiology. The fruit crops under investigation include apples, grapes, blueberries, peaches, strawberries, blackberries and raspberries, as well as species of lesser economic importance. Information derived from the station's research is disseminated through advisory programs to fruit growers and processors throughout Missouri through bulletins, newsletters, a newspaper column, conferences, workshops and personal consultation.

The station is the site of extensive testing of new fruit varieties and selections from throughout the world for their adaptability to Missouri soil and climate and their resistance to diseases. Research on the culture of fruit crops is conducted on nutrient and water requirements, pruning and training systems, growth regulators and rootstocks. Plant pathogens and insect pests are studied for clues which may help in reducing their damage to fruit crops. Research on the reduction of pesticides used for control of diseases, insects and weeds is a major effort.

Located in a natural grape environment, the station has been the site of extensive grape experimentation since 1900, including some of the first experiments in the United States on grafting rootstocks on American grapes. Today, special emphasis is given to research on the hybrid grape varieties and their wines. One of only three United States Department of Agriculture quarantine facilities for the introduction and virus testing of grapes from outside the United States is located at the station.

The station's research and advisory programs have been instrumental in the revival of the state's grape and wine industry. Specific ongoing programs include: the Grape Importation and Certification Program (one of only three in the

United States); the Vitis Gene Discovery Program, focusing on functional genomics and bioinformatics; the Commercial Fruit Crops Advisory Program and the Commercial Wine Advisory program.

**Mid-America Viticulture and Enology Center:** In addition to the State Fruit Experiment Station, SMSU—Mountain Grove houses the Mid-America Viticulture and Enology Center, a premier provider of grape and wine research. The center supports four major operations: a 5,000-gallon-capacity winery and distillery; a viticulture and enology training center; a wine analysis laboratory; and a cellar/sensory evaluation area. Activities include research concerning new and more disease-resistant grape varieties and working to develop innovative vinification techniques and value-added products such as fruit brandies and specialty wines.

The goal of MVEC's education program is to sustain the growth of the grape and wine industry by promoting a knowledgeable and skillful workforce. Training is offered by traditional and distance-learning methods to serve the needs of students in all situations.

Service is provided to the grape and wine industry to improve product quality and business profitability.

**Faculty and staff, Southwest Missouri State University: Page 1223**

## Harris–Stowe State College

St. Louis 63103

Telephone: (314) 340-3380 / FAX: (314) 340-3322

[www.hssc.edu](http://www.hssc.edu)

Harris–Stowe State College traces its origin back to 1857 when its first predecessor institution was founded by the St. Louis Board of Education as a normal school for the preparation of white elementary school teachers. It thus became the first public teacher education institution west of the Mississippi River and the 12th such institution in the United States. Its second predecessor institution was also a normal school founded by the same public schools in 1890 to prepare African-American elementary school teachers. Both normal schools later became four-year teachers colleges—Harris Teachers College and Stowe Teachers College. The former was named after William Torrey Harris, U.S. Commissioner of Education and former Superintendent of the St. Louis Public Schools. The latter was named after Harriet Beecher Stowe, the famed slavery abolitionist and author of *Uncle Tom's Cabin*. These two colleges merged in 1954, forming Harris–Stowe College. Later, in 1979, the college became a State of Missouri



WAYMAN F. SMITH III  
Chair  
Harris-Stowe State College



REV. WILLIAM G. GILLESPIE  
Member  
Harris-Stowe State College



CHARLES H. HOESSELE  
Member  
Harris-Stowe State College



CHARLENE L. JONES  
Member  
Harris-Stowe State College

public college, with the name, Harris–Stowe State College.

In the early 1990's the College elected to become a "moderately selective" institution in its admission requirements and soon afterward won state approval to expand its institutional mission. Currently, the college offers baccalaureate degree programs in 12 applied professional disciplines in the fields of accounting, business administration, criminal justice, early childhood education, elementary education, health care management, hospitality/tourism management, information sciences & computer technology, middle school education, professional interdisciplinary studies, secondary education and urban specializations at all pre-higher education levels.

Through a generous land grant from the City of St. Louis, the college's campus has tripled in size, and through many major contributions from the State of Missouri, the corporate community, the college alumni, and many friends of the institution, Harris–Stowe is currently adding six new buildings to its expanded campus and making other major capital improvements—thereby establishing, for the first time in its long history of nearly a century and a half, a full campus including a quadrangle, a pedestrian mall, athletic fields, and an imposing campus entryway arch. The watchword of this growing college is "*Excellence In All Endeavors, Through Teamwork!*"

## Members, Board of Regents

**Smith, Wayman F. III**, chair, St. Louis, July 28, 2006;

**Gillespie, Rev. William G.**, St. Louis, July 28, 2004;

**Hoessle, Charles H.**, St. Louis, July 28, 2006;

**Jones, Charlene L.**, St. Louis, July 28, 2002;

**Walker, Carol B.**, St. Louis, August 28, 2002;

**Wolff, Donald L.**, St. Louis, July 25, 2004.

**Faculty and staff, Harris–Stowe State College:**  
Page 1237



CAROL B. WALKER  
Member  
Harris-Stowe State College



DONALD L. WOLFF  
Member  
Harris-Stowe State College



DR. HENRY GIVENS JR.  
President  
Harris-Stowe State College

## Missouri Southern State College

Joplin 64801-1595

Telephone: (417) 625-9300 / FAX: (417) 625-9781

[www.mssc.edu](http://www.mssc.edu)

Missouri Southern State College was established by the General Assembly in 1965 as a two-year, upper-division state college to be operated in conjunction with the Junior College District of Jasper County. The college operated under this arrangement through June 30, 1977, when the state assumed the responsibility of funding and operating the four-year program.



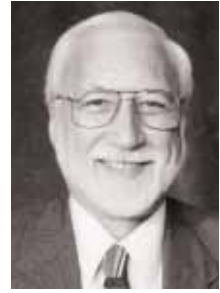
GLENN D. WILSON  
President, Missouri Southern  
Board of Regents



CHARLES C. MCGINTY, D.D.S.  
President-elect, Missouri  
Southern Board of Regents



DWIGHT DOUGLAS  
Vice President, Missouri  
Southern Board of Regents



DOUGLAS A. BROOKS, Ph.D.  
Member, Missouri  
Southern Board of Regents



ELIZABETH DEFFENBAUGH  
Member, Missouri Southern  
Board of Regents



JANE B. WYMAN  
Member, Missouri Southern  
Board of Regents



STACEY ALLEN  
Student Representative, Missouri  
Southern Board of Regents



DR. JULIO S. LEON  
President, Missouri  
Southern State College

In June, 1990, the college's board of regents approved a change in the college mission to include an international emphasis in undergraduate education. This change is intended to help students prepare for the merging global environment. In 1995, the governor approved House Bill 442 directing the college to "develop such academic support programs and public service activities it deems necessary and appropriate to establish international or global education as a distinctive theme of its mission." An assessment of outcomes program is in effect to evaluate the effectiveness of that education.

Through the college's Institute of International Studies and other areas, international programs are being implemented to fulfill the new mission, such as student and faculty study abroad and exchange options, international lectures, themed semesters and symposia and internships abroad. Faculty are developing a global perspective throughout the curriculum. Foreign language offerings are being expanded, and students are encouraged to become proficient in a second language.

The following degrees are offered: bachelor of arts, bachelor of science, bachelor of science in business administration, bachelor of science in education, bachelor of general studies, asso-

ciate of arts and associate of science. The college offers bachelor's degrees in 42 major areas in liberal arts, teacher education, business and technology. In addition to the four-year programs, the curriculum offers premedical, pre-engineering and other preprofessional programs and two-year associate degrees in dental hygiene, computer science, law enforcement, radiological technology, computer aided drafting and design, computer assisted manufacturing technology and respiratory therapy.

The college is organized into four schools: Arts and Sciences, Education, Business Administration and Technology. The college mission statement stresses a liberal arts-based core curriculum which is designed to provide every graduate with knowledge in the basic areas of learning. Under a revised and moderately selective admission policy, the college encourages high school students to be better prepared for college study by following the core curriculum requirements outlined by the Missouri Coordinating Board for Higher Education.

The administration of the college is vested in a six-member board of regents appointed by the governor with Senate consent.

The 365-acre college campus is located in Joplin, a southwest Missouri city with a popula-



R. PATT LILLY  
President, Missouri Western  
Board of Regents



SUSAN COLGAN  
Vice President, Missouri Western  
Board of Regents



BILL HURLEY  
Member, Missouri Western  
Board of Regents



JANET LEACHMAN  
Member, Missouri Western  
Board of Regents



CAROL MOYA  
Member, Missouri Western  
Board of Regents



LYNN WATKINS  
Member, Missouri Western  
Board of Regents



KEVIN CALLAWAY  
Student Member, Missouri  
Western Board of Regents



Dr. JAMES J. SCANLON  
President, Missouri Western  
State College

tion of 45,505. The college plant presently consists of 28 major buildings, including a performing arts center, an artificial turf stadium, a 3,200-seat athletic center with a 200-meter indoor track, and an expanded and remodeled library.

The college is accredited by The Higher Learning Commission and is a member of the North Central Association, the National Council for the Accreditation of Teacher Education, Missouri State Board of Nursing, Missouri State Department of Elementary and Secondary Education, American Dental Association Commission on Dental Accreditation, National League of Nursing Accrediting Commission, National Accrediting Agency for Clinical Laboratory Science, National Environmental Health Science and Protection Accreditation Council, Joint Review Committee on Education in Radiologic Technology, Committee on Accreditation for Respiratory Care, Association of Collegiate Business Schools and Programs, Accreditation Board for Engineering and Technology, and Police Officers Standards and Training.

**Members, Board of Regents**

**Wilson, Glenn D.**, (D), president, Joplin, 2003;  
**McGinty, Charles C.**, D.D.S., (R), president-elect, Joplin, 2004;  
**Douglas, Dwight**, (R), vice president, Joplin, 2005;

**Brooks, Douglas A., Ph.D.**, (D), Joplin, 2007;  
**Deffenbaugh, Elizabeth**, (R), Carthage, 2006;  
**Wyman, Jane B.**, (D), Alba, 2008;  
**Allen, Stacey**, student representative, Mountain Grove, 2004.

*Faculty and staff, Missouri Southern State College: Page 1238*

**Missouri Western State College**

St. Joseph 64507  
Telephone: (816) 271-4200  
www.mwsc.edu

Missouri Western State College in St. Joseph is a learning community focused on students as individuals and as members of society. The institution offers students at all stages of life the opportunity to achieve excellence in the classroom and beyond, as they prepare to be leaders in their work and in their communities.

Missouri Western demonstrates a strong commitment to the educational, economic, cultural and social development of the people it serves. The college sets the standard for excellence in student development and community leadership.



Founded as St. Joseph Junior College in 1915, Missouri Western was transformed into a four-year institution in 1969 and became a full member of the State of Missouri system in 1977. Enrollment is approximately 5,200 with over 190 faculty members.

The student-centered, high-quality instruction focuses on experience-based learning and community service. Every classroom and public meeting room on campus is equipped with state-of-the-art technology.

The college provides a blend of traditional liberal arts and career-oriented degree programs, offering one-year certificates, two-year associate degrees, preprofessional transfer programs and four-year baccalaureate degrees.

Missouri Western's School of Professional Studies and School of Liberal Arts and Sciences offer baccalaureate degrees in the fields of art, biology, business, chemistry, communication, computer science, criminal justice, economics, education, engineering technology, English, French, government, history, interdisciplinary studies, mathematics, music, nursing, physical education, psychology, recreation, social work and Spanish. Missouri Western's Graduate Center serves the region by offering master's level programs from other institutions.

In addition, the college offers continuing education courses and workshops for all ages in the region. Groups throughout the nation utilize Missouri Western's facilities for conferences and seminars.

The institution is accredited by the North Central Association of Colleges and Schools Commission on Institutions of Higher Education. Program accreditations include the Accreditation Board for Engineering and Technology, American Bar Association, American Chemical Society, American Health Information Management Association, Commission on Accreditation in Physical Therapy Education, Commission on Collegiate Nursing Education, Council on Social Work Education, National Accrediting Agency for Clinical Laboratory Science, National Association of Schools of Music, National Council for Accreditation of Teacher Education, and National League of Nursing Accrediting Commission.

The campus, comprised of more than 700 acres, contains five residence halls and 11 major campus buildings, including eight academic buildings, a student union, a fitness center and a learning resource center. The campus has a large nature study area, a nature trail and nine ponds.

### Members, Board of Regents

**Lilly, R. Patt**, (R), president, St. Joseph, Oct. 29, 2004;

**Colgan, Susan**, (D), vice president, St. Joseph, Oct. 29, 2006;

**Hurley, Bill**, (R), St. Joseph, Oct. 29, 2005;

**Leachman, Janet**, (D), Platte City, Oct. 29, 2008;

**Moya, Carol**, (R), St. Joseph, Oct. 29, 2007;

**Watkins, Lynn**, (R), St. Joseph, Oct. 29, 2003;

**Callaway, Kevin**, student member, Jan. 1, 2004.

*Faculty and staff, Missouri Western State College: Page 1241*

# Missouri's Public Four-year Colleges and Universities

Institution	Location	Year Founded	Fall 2002 Enrollment	Highest Degree Offered
<b>Four-year Colleges</b>				
Harris–Stowe State College	St. Louis	1857	1,968	Baccalaureate
Missouri Southern State College	Joplin	1965	5,823	Baccalaureate
Missouri Western State College	St. Joseph	1915	5,197	Baccalaureate
<b>Regional Universities</b>				
Central Missouri State University	Warrensburg	1871	10,313	Master's
Northwest Missouri State University	Maryville	1905	6,514	Master's
Southeast Missouri State University	Cape Girardeau	1873	9,533	Master's
Southwest Missouri State University	Springfield	1905	18,718	Master's
SMSU–West Plains	West Plains	1963	1,720	
<b>Statewide Liberal Arts University</b>				
Truman State University	Kirkville	1867	5,971	Master's
<b>1890 Land-grant University</b>				
Lincoln University	Jefferson City	1866	3,092	Master's
<b>1862 Land-grant Universities</b>				
University of Missouri–Columbia	Columbia	1839	26,124	Doctorate
University of Missouri–Kansas City	Kansas City	1929	13,881	Doctorate
University of Missouri–Rolla	Rolla	1870	5,240	Doctorate
University of Missouri–St. Louis	St. Louis	1963	15,658	Doctorate
<b>Total enrollment, public four-year colleges and universities</b>			129,752	

Source: Headcount enrollment—DHE03, Supplement to the IPEDS EF

# Missouri's Public Two-year Colleges

Institution	Location	Year Founded	Fall 2002 Enrollment	Highest Degree Offered
<b>Community colleges</b>				
Crowder College	Neosho	1964	2,344	Associate
East Central College	Union	1968	3,320	Associate
Jefferson College	Hillsboro	1963	3,989	Associate
Metropolitan Community Colleges	Kansas City	1915		Associate
Blue River Community College			2,083	
Business and Technology College			387	
Longview Community College			5,802	
Maple Woods Community College			4,840	
Penn Valley Community College			4,526	
Mineral Area College	Park Hills	1922	3,116	Associate
Moberly Area Community College	Moberly	1927	3,624	Associate
North Central Missouri College	Trenton	1925	1,438	Associate
Ozarks Technical Community College	Springfield	1990	8,130	Associate
St. Charles Community College	St. Peters	1986	6,612	Associate
St. Louis Community College	St. Louis City and County	1962		Associate
St. Louis Community College at Florissant Valley			7,289	
St. Louis Community College at Forest Park			7,610	
St. Louis Community College at Meramec			12,607	
State Fair Community College	Sedalia	1966	3,290	Associate
Three Rivers Community College	Poplar Bluff	1966	2,839	Associate
<b>Technical college</b>				
Linn State Technical College	Linn	1996*	875	Associate
<b>Total enrollment, public two-year colleges</b>			84,698	

Source: DHE03, Supplement to the IPEDS EF

\*Linn State Technical College joined the state system of higher education in 1996.

Each public community college is governed by a locally elected board of trustees.

Funding for these colleges is provided by local district levies, student fees, and state aid.