Search for the Dean, College of Engineering
University of Missouri
Columbia, Missouri

THE SEARCH

The University of Missouri (MU) seeks a dynamic and visionary leader for the position of Dean of the College of Engineering. This is an exceptional opportunity to strengthen and shape the future of engineering excellence at one of the nation’s most preeminent public, land-grant institutions. The College has experienced rapid enrollment growth in recent years, and the next Dean will provide leadership and strategic direction for the future of the College and ensure the highest standards of quality in engineering research and education.

Founded in 1839, the University of Missouri was the first public university west of the Mississippi River. MU is the flagship of the four-campus University of Missouri System, and is a member of the prestigious Association of American Universities (AAU). A research university (RU/VH), MU offers 317 degrees and certificates to nearly 35,000 students, who form the most diverse student body in University history. The institution is in a leadership transition, with a new Chancellor and Executive Vice Chancellor for Academic Affairs and Provost appointed this year. The next Dean will join the MU community at a crucial moment in strategic planning, as the Chancellor and senior leadership team launches an initiative to develop a collective vision for the next 25 years at the University.

The College of Engineering has 113 faculty members with 3558 undergraduates (including the Bachelor of Arts in Computer Science, and Pre-Engineering), and over 600 graduate students in nine disciplines: bioengineering, chemical, civil and environmental, computer science and information technology, electrical and computer, industrial and manufacturing, nuclear, mechanical and aerospace, and naval science. The College provides exceptional opportunities
for robust interdisciplinary research, including the MU Informatics Institute, the Nuclear Science and Engineering Institute, the Center for Thermal Management, the Center for Geospatial Intelligence, the Center for Eldercare and Rehabilitation Technology, the Center for Nano/Micro Systems and Nanotechnology, the Center for Computational Biology and Medicine, and a strong Undergraduate Research program. The College has a budget of $30 million and research expenditures of $20 million. The next Dean will oversee a $38.5 million renovation of the College’s facilities over the next several years, and raise at least another $4 million for additional space.

The Dean of the College of Engineering is the chief executive officer of the College and is responsible to the Provost and the Chancellor for the general administration of the College. The Dean provides leadership and vision in strategic planning and implementation of programs and leads College development activities. MU seeks an entrepreneurial Dean with high academic standards; an outstanding record of research; dedication to strong undergraduate, graduate, and postdoctoral education; a demonstrated commitment to diversity and inclusion; and an ability to represent the College externally to local, national, and international constituencies. Candidates for the position should have an earned doctorate, a record consistent with appointment as a full professor in a College department, relevant administrative experience, and national stature in the field of engineering.

The University of Missouri will be assisted in this search by Isaacson, Miller, a national executive search firm. All inquiries, nominations, and applications should be directed in confidence to Isaacson, Miller’s website: www.imsearch.com/5316. For more information on the University of Missouri, please see the Appendix and visit www.missouri.edu.

OPPORTUNITIES AND CHALLENGES FOR THE DEAN

As the leader of the College, the Dean sets the academic tenor; promotes a culture of outstanding research and innovation; and represents its faculty, students, and staff to the University and beyond. The College’s Department Chairs, Associate Deans, and primary directors report to the Dean. The Dean has financial and administrative management responsibility for the College, guides and oversees its annual operating budget, advocates to the central administration for investment, and leads its fundraising efforts. The Dean’s charge also includes providing effective leadership for the College’s faculty and administrative staff.

To ensure the College of Engineering’s continued growth and distinction, the next Dean will be expected to place high on her/his agenda several key opportunities and specific challenges:
Develop a compelling future vision and strategic direction for a unique and internationally competitive College.

The next Dean of the College of Engineering will be a critical player in setting the tone for the College over the next 5-10 years. S/he will collaborate with faculty to consider the aspirations and opportunities for the College and to create and execute a vision for its future consistent with that of the University. Working with faculty, students, staff, alumni, and external advisors, the Dean will seek to understand the nature of the College, what it does well and what can be improved. The Dean, working with these groups, the Provost, and the Vice Chancellor for Research, will develop a vision that will enable the faculty to strengthen existing research and seed new research, including those that will encourage interdisciplinary and cross-campus collaborations.

The goal is a broadly based strategy to drive institutional development and improvements that enable faculty to lead high-impact research and teaching. As a university, Missouri will continue investing in the STEM areas, including engineering. Current strengths of the College will play a major role in determining the foci of the future, but expansion into other areas of engineering seems likely.

Increase the visibility of the College and communicate its strengths and contributions.

The University of Missouri College of Engineering intends to enhance its presence and prominence within the University and beyond, among its peers in the AAU, throughout the State of Missouri, nationally, and internationally. To accomplish this, the new Dean must be an outstanding communicator, skilled at illustrating to a broad audience the many achievements and tremendous potential of the College of Engineering. The Dean and the College must effectively communicate its strengths and distinct identity to an array of audiences, including potential students and faculty, donors, industry partners, members of the Missouri legislature, and the general public, as well as other deans at MU and other engineering schools across the nation.

The Dean will lead the College in this effort by developing communications strategies that articulate the extensive benefits the College of Engineering provides and the important problems its faculty are addressing. The Dean will be a passionate spokesperson for the importance of the work carried out within the College and for its public mission, including its powerful partnerships with investigators at MU and at other universities. Through this process, the Dean will help establish the College as a unique and distinguished institution in the broader marketplace for engineering education and research. This will help elevate the prominence of the College of Engineering and increase its ability to attract outstanding students and faculty members.
Build on the strong research base of the College, integrating research and education.

The College of Engineering has developed a strong research base with substantial federal funding over the last two decades. External funding has suffered some decrease in the recent period of tight money. Nonetheless, the University and the faculty are determined to increase research funding and strengthen the College’s efforts in both basic and applied research that will contribute to the well-being and economic base of the state and region. The College of Engineering has a long history of groundbreaking research that led to innovative, practical solutions that serve the people of Missouri and the world. Building upon this legacy, the Dean will focus on promoting innovation and communicating the results, especially those applicable to immediate application, technology transfer, and commercialization.

The Dean will arrive at the University of Missouri with a passion for the mission of public higher education and all of its three core components – research, teaching, and service. While growing research, the Dean must balance and support all three intertwined tenets in a time of limited financial resources from the state. To accomplish this, the Dean will foster cutting-edge research that truly matters while being responsive to the needs of students at all levels. This may include stimulating the development and revision of curricula and teaching methods while preparing students to excel in graduate and post-graduate programs, research and development, and a highly competitive workforce.

Strengthen and grow collaborative partnerships with other units across the University.

The University of Missouri has a long history of collaboration across disciplines and among the several colleges. The College of Engineering has several established and very successful programs with the Colleges of Medicine, Nursing, Business, Journalism, Agriculture, Food and Natural Resources, and Arts and Science. To advance the College and the University overall, the new Dean must be a collaborative leader, working effectively with the other deans and senior academic officers to enhance the University’s interdisciplinary culture and advance the entire institution. Building and strengthening intra-institutional and inter-departmental links will be essential to the College’s success in maximizing interdisciplinary research and education. The College seeks a new Dean with broad intellectual interests, a strong research background, and the interpersonal skills to champion collaboration, enhance and leverage links to other departments and colleges, and enhance the existing culture of joint academic appointments and programs.

Manage, secure, and allocate resources to advance the College.

In order to contribute to the future success of the College of Engineering, the Dean will need to be thoughtful and tactical with financial resources. S/he must be budget savvy and skilled at management and allocation decisions. In addition to managing currently available resources, the Dean will explore the development of entrepreneurial initiatives and new revenue streams.
Further expanding the College’s resources is a critical task for the new Dean. S/he will provide leadership in the College’s funding strategy for improved facilities; faculty research; academic programs at the undergraduate, graduate, and postdoctoral levels; and strategic partnerships. The State of Missouri is investing significantly with a $38.5 million renovation of academic facilities. The College of Engineering must further enhance its teaching and research laboratories to meet its current and future needs. The Dean will also need to understand the very low probability of increased state funding. Thus, the College will need to carefully consider means to maintain a balanced budget that will allow it, through reallocations, enhanced revenue streams, and difficult decisions, to ensure that the resources are used to bolster its strengths in education, research, and public service.

To be competitive with the best engineering schools in the nation, the College of Engineering must make appropriate investments and identify areas in which it can compete for the best faculty, doctoral students, and post-docs. The Dean will be a champion for the faculty, facilitating decision-making about faculty hiring consistent with the College’s strategic plan, and articulating this to a broad constituency.

_Engage alumni and other external supporters with energy and enthusiasm to strengthen fundraising for the College._

To achieve the College’s ambitious and critical need for funding, the Dean must be a highly effective and persistent fundraiser and be able to work in close coordination with University Advancement. The Dean plays an important role in fundraising efforts by reaching out to a wide array of donors to make a strong, compelling case for investment in the institution, and by supporting department chairs to spearhead fundraising within their respective units. The College will need to raise substantial funds from alumni, friends, corporations, and foundations to support current needs, seed money for new initiatives, and to develop significant endowments for chairs, scholarships, and facilities. The Dean will work directly with leaders from Advancement and alumni to develop and execute a cohesive, integrated fundraising effort while also leading the initiative to reach out to the College’s highly supportive alumni and donor networks.

_Provide enlightened and collaborative academic and administrative leadership for the College._

The Dean must engage the entire College of Engineering community by developing a transparent environment, listening carefully, and knitting together all segments of the College, including faculty, staff, students and alumni. In leading the College, the Dean must strike a balance through listening to its diverse constituents, making critical data-driven decisions, articulating the reasoning behind such decisions, and allocating resources accordingly. The Dean will be expected to cultivate a community based on mutual respect and regular interaction among the departments and programs of the College. Leading with integrity, the Dean will be expected to provide an environment that excels in growing the positive climate that will attract a
diverse faculty, staff and student body working with mutual cooperation to further the goals of the College.

THE SUCCESSFUL CANDIDATE

The College of Engineering seeks an inspiring, intellectual, and entrepreneurial leader to set it on a dynamic course for the future. The new Dean will bring high academic standards, an outstanding record of research, and strong management and leadership skills. S/he will possess superior communication skills, political adeptness, entrepreneurial energy, and the capacity to represent the College effectively to local, national, and international constituencies.

The new Dean will bring a successful record of leadership experience in a university, industry, or government setting. S/he must possess a doctoral degree and the qualifications for an appointment as a tenured full professor in a College of Engineering department. S/he must also possess a demonstrated track record in advancing diversity and inclusion. While no one person will embody all of them, the successful candidate will exemplify many of the following qualifications and attributes:

- An intellectual leader with a demonstrated track record showing distinguished teaching, research, and scholarly publications that exhibit a balanced commitment to academic excellence.

- An experienced academic administrator with a track record of success in a large, complex college or similar organization; an astute understanding of finances; and the relationship between academic priorities and the budget.

- An open and consultative leader; an excellent collaborator who can partner with and motivate faculty, staff, and students to take the College to a heightened level of success.

- A dedication to the mission and vision of MU and the College; a tireless advocate for access, interdisciplinary research and teaching, and engagement.

- A technologically adept communicator who can inspire, cultivate key external constituencies, attract partners, raise funds, generate enthusiasm among alumni, and obtain commitments to support the College.

- A demonstrated commitment to diversity, inclusion, and equity; an understanding of its importance to the mission and richness of the College of Engineering and its ongoing success.

- A person of high energy, absolute integrity, enthusiastic optimism and the perseverance to bring initiatives to fruition.
NOMINATIONS AND APPLICATIONS

Applications, including a CV and cover letter, and nominations should be sent via Isaacson, Miller’s website: www.imsearch.com/5316.

This search is being facilitated by Michael A. Baer and Katelyn Rose.

*The University of Missouri is committed to equal opportunity policies and practices and to the principles and goals of affirmative action. It seeks an individual who has demonstrated a commitment to diversity and inclusion. The University strongly encourages nominations of, as well as applications from, women and minorities.*
APPENDIX

THE COLLEGE OF ENGINEERING

The College of Engineering is one of the oldest at the University of Missouri and is responsible for the first engineering courses taught west of the Mississippi River. Engineering at Mizzou is committed to educating engineers, creating leaders, and developing entrepreneurs in an innovative and interdisciplinary environment. Enrollment in the College has grown significantly and continues to rise, providing further opportunities for excellence in education and research.

The College has approximately 235 full-time employees (106 part-time) and an operating budget of approximately $24 million. For the 2013-14 academic year, the College offered nine undergraduate majors and an undergraduate enrollment total of 3235 with 490 undergraduate degrees conferred. There were almost 600 graduate students enrolled, with 131 MS and 43 doctoral degrees conferred. Over the last 10 years, enrollment has grown by 83 percent; undergraduate enrollment has grown by 10 percent in the past year, with ACT scores for this year’s freshman class averaging 28.2. Undergraduate education at MU Engineering features opportunities for internship, study abroad, and undergraduate research. The MU undergraduate research program allows exceptional students to begin working with a faculty mentor as early as their freshman year. Participants conducting research through the Engineering Honors Program may earn graduate degree credit for a portion of their undergraduate research.

The College’s extensive research enterprise is a fundamental aspect of graduate and postgraduate engineering education. In the recently ended fiscal year, the College received 160 awards, the second largest number for the past 7 years. This compares very favorably to the average of 144 grants over the 6 prior years. Research expenditure hit its highest point very close to $35 million in FY2011 and has diminished somewhat since then. More information about the vibrant research programs and faculty can be found at: http://engineering.missouri.edu/research/research-tags-a-z/.

There is a consensus that improved quality and quantity in the existing research and teaching laboratories are needed. Fortunately, there has recently been a major step to address this issue: issuance of $38.5 million in revenue bonds has been approved for the renovation of Lafferre Hall. Initial planning for the renovation has begun and plans are to award a construction contract in October of 2015. Opening of the renovated facility is slated for January of 2017. The building renovation committee includes representatives of all departments, staff, students and alumni.

A key role of the College is its outreach to industry in the state. With the resources to provide research, development, consultation, and evaluation services to industry, the College serves a major role in cooperating with and aiding corporations. The College hosts an approximately $10 million Extension Business Development Program that includes the Missouri Small Business & Technology Development Centers, the Missouri Procurement Technical Assistance Centers, the
Economic Development Administration University Center, the Environmental Assistance Center, and the Workforce Development Program. These centers and programs help the College partner in efforts to contribute to the state’s economic development.

**Departments**

The College of Engineering is comprised of eight departments. More detailed information on each department can be found below or [http://engineering.missouri.edu/academic-departments/](http://engineering.missouri.edu/academic-departments/).

**Department of Bioengineering**

Recognizing the immense promise of bioengineering and the unique position of Mizzou for a strong bioengineering program, the College of Agriculture, Food and Natural Resources (CAFNR) and the College of Engineering joined forces to form the department of Bioengineering (BE). BE unites existing faculty and infrastructure from both colleges. The College of Engineering contributes biomedical engineering capabilities while CAFNR brings strengths in bioprocess and bioenvironmental engineering. All faculty have membership in both colleges. Since the establishment of the Bioengineering major, undergraduate student enrollment has seen significant increases every year. Currently there are 286 students in the undergraduate program and 54 in the graduate programs.

Teaching and research programs in the department have three emphasis areas: biomedical engineering, bioprocess engineering, and bioenvironmental engineering. The research focus in biomedicine is on bioengineering techniques for disease detection and treatment. This involves research in biosensing, biophotonics and bioimaging, biomechanics, and bioinformatics. Research in bioprocess engineering emphasizes bioresource use. Areas of research include biological material-based products, food engineering, and food safety. In the bioenvironmental area, the emphasis is on water quality issues, including wastewater treatment, bioremediation, precision agriculture, and nonpoint source pollution.

The department has a B.S. program accredited by the Accreditation Board for Engineering and Technology (ABET), and graduate programs offering M.S. and Ph.D. degrees in bioengineering. The undergraduate program is administered by the College of Engineering.

The department has three main research focus areas: biomedical engineering, bioprocess engineering, and bioenvironmental engineering.

**Department of Chemical Engineering**

The Department of Chemical Engineering, established in 1903, is an ABET accredited program and is home to about 214 undergraduate students, 31 graduate students, and 10 faculty. The department offers a Bachelor of Science in Chemical Engineering with a choice of emphasis in
biochemistry, the environment, or materials. Both masters and doctoral degrees are offered in
the department. The department provides endless opportunities for collaborative research
across a broad array of disciplines. Much as other programs throughout the College, this
interdisciplinary approach is reflected in engineering classrooms, undergraduate research,
and student teams and organizations where students learn the importance of communicating
across disciplines.

The faculty within Chemical Engineering are active in a variety of research areas. The current
research activities are focused on the areas of energy (harvesting, storage, and conversion) and
materials (biomaterials, nanomaterials, and nuclear materials). Energy-related education and
research present a tremendous opportunity for the society to maintain sustainability and
prosperity, as well as a tremendous opportunity for the University to strengthen sustainable
energy and environment programs.

Department of Civil and Environmental Engineering

The Department of Civil & Environmental Engineering (CEE), established in 1859, is an ABET
accredited program and houses 240 undergraduate students, about 69 graduate students and
17 faculty. The department offers Civil Engineering degrees at the bachelor, Master of Science
and doctoral level. The educational mission of CEE is to prepare graduates for the profession of
Civil Engineering by providing educational opportunities for three major constituencies: the
undergraduate student working toward a BSCE; the graduate student studying and conducting
research leading to an MS or PhD; and the professional-in-practice seeking specialized
education through advanced degrees, seminars, conferences and short courses.

The faculty within CEE are active in a variety of research focus areas, with the main areas of
concentration in environmental and hydraulic engineering, traffic and transportation engineering,
structural engineering, and geotechnical and geoenvironmental engineering.

Department of Computer Science

The ABET accredited Computer Science program currently has more than 290 undergraduate
students, 140 graduate students, 280 Information Technology (IT) students and 17 tenured or
tenure-track faculty. The department offers a BS degree in Computer Science and a BS in
Information Technology, as well as Master of Science and doctoral degrees in Computer
Science. With foundations covered in algorithms, compilers, theory of computation, databases,
data mining, machine learning, artificial intelligence, networking, operating systems,
programming languages and software engineering, the undergraduate and graduate programs
are integrated over many application areas such as cyber-security, multimedia, smartphone
applications, filming, natural language processing, mobile and sensor networks, information
management systems, bioinformatics and computational biology, and clinical informatics.
The department is the hub of all campus computational activities that involve well-established research programs in many areas. Members of the department lead the University’s institutional efforts in developing the infrastructure for bioinformatics, computational biology and high-performance computing and networking. This infrastructure serves research efforts in all disciplines across campus, throughout the UM System, and around the world.

**Department of Electrical and Computer Engineering**

The Department of Electrical & Computer Engineering (ECE), established in 1884, was the first electrical engineering program in the nation. This ABET accredited program is now home to more than 365 undergraduate students, almost 150 graduate students, and 23 faculty members. It offers undergraduate degrees in Computer Engineering, Electrical Engineering, and a dual bachelor’s degree in Electrical Engineering and Physics. Graduate degrees at the master level are offered in Computer Engineering and in Electrical Engineering, and a doctoral degree is offered in Electrical and Computer Engineering.

The ECE department is extremely diverse in its application of engineering principles, ranging from material science to wireless communications. The department has the following focus areas for conducting research and educating graduate students: communication and signal processing, digital and computer systems, intelligent systems, systems modeling and control, physical and power electronics, nano and micro fabrication, and applied physics.

**Department of Industrial and Manufacturing Systems Engineering**

The Department of Industrial and Manufacturing Systems Engineering (IMSE) is home to about 163 undergraduate, 35 graduate students, and 8 faculty, and offers an undergraduate degree in Industrial Engineering as well as Master of Science and doctoral degree programs. Graduates of the industrial engineering program are able to assess and create enterprise value through innovative structured problem-solving in order to make processes faster, more innovative, reliable, or cost-efficient; analyze and design optimized solutions to systems of people, technology and information; and provide leadership for and communicate effectively in a team-based environment in order to be agents of change in dynamically changing organizations.

While industrial engineering is a broad field, the current faculty mix in the IMSE department has resulted in the department research focusing on energy, logistics, and healthcare. The first two areas are facilitated by the presence of sponsored centers in those respective areas within the department. In addition to these centers, the industrial engineering faculty collaborate with a wide range of faculty from across the MU campus (public policy, nursing, forestry, business, and other engineering faculty) on interdisciplinary research projects.
Department of Mechanical and Aerospace Engineering

Established in 1891, the ABET accredited program is home to more than 630 undergraduate students, over 100 graduate students, and 28 faculty. The program offers a Bachelor of Science in Mechanical Engineering, a Master of Science, and doctoral degree in Mechanical and Aerospace Engineering. The mission of the Mechanical and Aerospace Engineering Department is to prepare students for successful careers in the mechanical engineering profession, conduct high quality and innovative research, and to serve the community and industry providing educational and research resources. The mechanical engineering program aims to produce graduates who successfully practice the mechanical engineering disciplines, contribute to society and the profession, engage in life-long learning to advance professionally through continuing education and training, and to succeed in graduate studies in mechanical engineering or a related field if pursued.

The Mechanical and Aerospace Engineering Department is diverse in its application of engineering principles, ranging from heat transfer to nanomaterials. The department has the following focus areas for conducting research and educating graduate students: dynamics and controls, design and manufacturing, thermal and fluid, and materials and solids.

Department of Naval Sciences

The University of Missouri Naval Reserve Officers Training Corps is housed in the Department of Naval Sciences. This department does not grant degrees but offers a program that combines a college course load with Naval Science classes and labs, physical training, and extracurricular activities. The goal is to commission as Naval officers, college graduates who possess both a liberal and technically professional background, awareness of human relations, a motivation towards a career, and the potential for further development in mind and character needed to assume the highest responsibility of command, citizenship, and government.

For more information about current research and news at the College of Engineering please visit http://engineering.missouri.edu/news/

Research Centers, Signature Programs, and Multidisciplinary Research Institutes

Center for Eldercare and Rehabilitation Technology

Backed by a working partnership with gerontology experts and a local housing complex for seniors, this center spearheads an interdisciplinary effort to develop technology that will help a growing population of seniors manage chronic conditions and impairments while helping them stay as healthy and independent as possible.
Center for Geospatial Intelligence (CGI)

A large and diverse group of faculty and other researchers have conducted R&D for defense and intelligence agencies and related industries. The depth and breadth of CGI's personnel and its funded research have made it the leading academic research center in this county focused on critical geospatial intelligence for national security and military combat support.

Center for Nano/Micro Systems and Nanotechnology

The center primarily supports research in nanotechnology, microfluidics, photonics, advanced materials, energy, medicine and microbiology. Nano/bio material processing, characterization, and sensors are the Center’s greatest research strengths, and operational strengths include the depth and breadth of the research team, its collaborative atmosphere, innovation, and talented graduate students.

Center for Computational Biology & Medicine

This interdisciplinary center leverages the nationally recognized expertise of researchers in the MU College of Engineering, School of Medicine, Life Sciences Center, Interdisciplinary Plant Group, and School of Nursing. This diverse team addresses research problems in bioinformatics and health informatics. Faculty and students develop computer software to streamline the understanding of biological and medical problems using advanced algorithms in artificial intelligence, data-mining, databases, high performance computing, information retrieval, and machine learning.

Center for Thermal Management

The Center for Thermal Management works to provide low-cost cooling systems to improve performance of devices for the electronic industry as well as increased power and adaptability of microelectronic devices for military applications. Another research focus area is ejector cooling by developing innovative solutions for cooling power plants that will significantly reduce or eliminate the use of water and also reduce the condenser size.

MU Informatics Institute (MUII)

Building on a tradition of outstanding informatics education and research at Missouri, the MU Informatics Institute is an interdisciplinary research and education program supported by 44 core faculty members from 17 departments and 8 colleges/schools, such as the College of Engineering, School of Medicine, Sinclair School of Nursing, College of Arts and Sciences, College of Agriculture, Food & Natural Resources, School of Health Professions, and the College of Education. The Institute, under the governance of the Graduate School, offers a doctoral degree program in the areas of bioinformatics, health informatics, and geoinformatics.
Each concentration area stresses the skill sets and research appropriate for the subfield within the broad area of informatics.

In addition to the expertise embodied with the College centers, the College sponsors other programs with capabilities unique among peer institutions. For a full listing of College of Engineering Research Centers, Programs, Facilities, and Groups, please visit http://engineering.missouri.edu/research/centers-programs-facilities-groups/.

THE UNIVERSITY OF MISSOURI

University History

In 1839, the citizens of Boone County pledged $117,921 in cash and land to found a state university in Missouri. This investment in the promise of a better future for all through public higher education made the University of Missouri the first public university west of the Mississippi River and the first in Thomas Jefferson's Louisiana Purchase Territory.

In 1849 the first course in civil engineering west of the Mississippi River was taught at MU; and in 1867, the "Normal College," now the College of Education, was established to prepare teachers for Missouri public schools. It was at this time that the Normal College enrolled the University's first female students (women were admitted to all academic classes in 1871). MU was awarded land-grant status in the late 1800s and soon after, the College of Agriculture and Mechanic Arts, later renamed the College of Agriculture, Food, and Natural Resources, opened its doors, followed by the schools of law and medicine.

By the beginning of the 20th century, the University had increased the number of graduates, acquired an affectionate nickname, Mizzou, and blossomed as a major research university. During this time, a number of programs were added, including home economics, later renamed the College of Human Environmental Sciences; nursing, which in 1975 became the Sinclair School of Nursing; the College of Business; and an interdisciplinary graduate school. In 1908, MU established the world's first journalism school, now globally famous for its Missouri Method of teaching students in authentic media outlets.

Significant changes took place at MU following World War II. In part due to the passage of the GI Bill, the University’s enrollment escalated. It became fully integrated in 1950 when it opened its doors to African-American students. By 1962, the University became part of a four-campus system with Mizzou as the flagship and largest university member.

The University Today

The University of Missouri today is a flourishing institution with 35,000 students from every county in Missouri, every state in the nation, and 120 countries. In fact, MU was the fastest
growing public member of the AAU from 2001-11. With an entering class that has an average ACT score of 25.9, the University attracts more valedictorians than any other college or university in Missouri. MU graduates more than 8,000 students annually, granting 26 percent of all bachelor's degrees, 24 percent of all master's degrees, and 60 percent of all doctoral degrees earned at Missouri's public universities. Roughly one third of these degrees are in math, engineering, information technology, health, and other science fields.

The University offers more than 300 programs of study at the bachelor, masters, and doctoral levels. Major academic units include the College of Agriculture, Food and Natural Resources; College of Arts and Science; Trulaske College of Business; College of Education; College of Engineering; School of Health Professions; Honors College; College of Human Environmental Sciences; School of Journalism; School of Law; School of Medicine; Sinclair School of Nursing; Harry S Truman School of Public Affairs; and the College of Veterinary Medicine.

MU's nationally prominent faculty are pushing the frontiers of research and scholarship. There are almost 2,100 full-time and 750 part-time faculty members that published more than 1,440 books and scholarly articles last year and spent about $236.4 million in FY13 on scientific research—accounting for 71 percent of the research dollars flowing to Missouri public universities. In the last eight years, 25 startup companies have licensed technology invented by MU scientists. The Association of Public and Land-Grant Universities (APLU) named MU to its inaugural list of 16 “Innovation and Economic Prosperity” institutions, a designation that recognizes exceptional technology transfer, entrepreneurship, workforce development, and community partnerships.

MU’s Strategic Vision

After more than three years of extensive discussion and collaboration among faculty, staff, students, administrators, and alumni, One Mizzou: 2020 Vision for Excellence, was published in 2011. A second document, known as MU’s Strategic Operating Plan (MUSOP), builds on the more comprehensive plan by identifying top priorities for the next five years—those on which the University of Missouri’s success most depends. Created in response to a system-wide strategic planning process that University of Missouri System President, Tim Wolfe, launched in 2012, MUSOP targets specific investments necessary to operationalize “One Mizzou.” Like “One Mizzou,” MUSOP was created collaboratively after campus-wide discussions.

In the coming months, the campus will be working with the new Chancellor to create a very long term strategic vision for the institution as a companion to the existing plans. This vision will provide goals for campus growth and direction over the next several decades.

For further information about the University, please visit www.missouri.edu.