MISSOURI S&T

ANNOUNCING A NATIONAL SEARCH FOR THE FOUNDING DIRECTOR OF THE

Kummer Institute Center for BioInnovation and Medical Engineering









Missouri University of Science and Technology (Missouri S&T) invites applications from exceptional, visionary leaders to the role of Founding Director of the Kummer Institute Center for BioInnovation and Medical Engineering.

The Founding Director will lead catalytic research initiatives at the intersection of life sciences, engineering, physical sciences, and medicine that translate discovery and innovation to improve human health.

The successful candidate will foster interdisciplinary research efforts that build upon the current and emerging strengths of the institution, while leading and mentoring faculty colleagues on these projects. The candidate will also pursue innovative new partnerships with industry, government, nonprofit, and higher education collaborators to increase Missouri S&T's research impact, recruit PhD students and faculty, and support business creation.

The Founding Director will provide vision and strategic input into Missouri S&T's expanding academic degree programs in biological sciences, biomedical engineering, bioengineering, and biochemistry. The successful candidate will also play a key role in the deployment of physical assets towards the success of the initiative, including the Missouri Bioplex, a $132M, 127,000SF facility that is under construction for a planned 2028 opening.

$132 MILLION

PRIVATE DONATIONS COMMITTED

as of September 2026

Position Description

The Founding Director is charged with building and leading successful interdisciplinary teams of faculty, technical and administrative staff, and industry, government and non-profit partners with a focus on developing emerging technologies toward biotech and biomedical applications. Partnerships with industry stakeholders (e.g., industrial research consortia) will be particularly important to the success of the Director in service to the Kummer Institute's broader goals of enhancing economic development.

The Director will develop a transformational vision for the center that leverages existing campus resources and faculty strengths, while identifying opportunities to lead Missouri S&T toward international prominence in bio-innovation and medical engineering. The Founding Director may hold a faculty appointment within the deparment at Missouri S&T that aligns with their area(s) of expertise, as appropriate based on their academic credentials and professional experience. The primary focus of this position will be leading and facilitating major multidisciplinary research proposals, especially with industry, and the administrative duties of center leadership.

Successful applicants for the Founding Director position will:

- Be recognized as an international leading researcher in one or more disciplines from biological and medical informatics, biomaterials, bioprocessing/biomanufacturing, drug delivery, biosensors and instrumentation, neurobiology, biochemical engineering and related fields
- Possess the technical expertise and prior accomplishments necessary to make Missouri S&T a global leader in bioinnovation and medical engineering.
- Demonstrate prior evidence of research excellence and establishing a vision, building relationships with industry partners, and developing coalitions of university and/or government stakeholders to work toward strategic goals, including major external grants and contracts, in complex, changing environments.
- Build inclusive teams that foster professional development and mentorship, facilitate cooperation and teamwork, and support constructive resolution.
- Hold an unwavering commitment to student success through exceptional research, mentorship, instruction, and career placement activities.

ABOUT MISSOURI S&T AND THE KUMMER INSTITUTE

Missouri University of Science and Technology, a Carnegie RI research university, is ambitiously building upon its tradition of producing highly qualified talent and innovative research, educational, and technological solutions for the great challenges of our time.

Missouri S&T is part of the University of Missouri System and currently enrolls over 7,000 graduate and undergraduate students in more than 100 degree programs. The university receives frequent recognition as a leading institution for engineering education, applied learning, return on investment, and online learning.

Missouri S&T is experiencing dramatic growth because of historic public and private investments into the institution. Following the receipt of a $311 million private gift by June and Fred Kummer in 2020, Missouri S&T has established the Kummer Institute to drive the expansion of student scholarships, improvements to campus infrastructure, and enhancements to the institution's research profile. A portion of the gift will support the establishment of new research centers at Missouri S&T with a focus on Artificial Intelligence and Robotics, Advanced Manufacturing, Resource Sustainability, and BioInnovation and Medical Engineering.

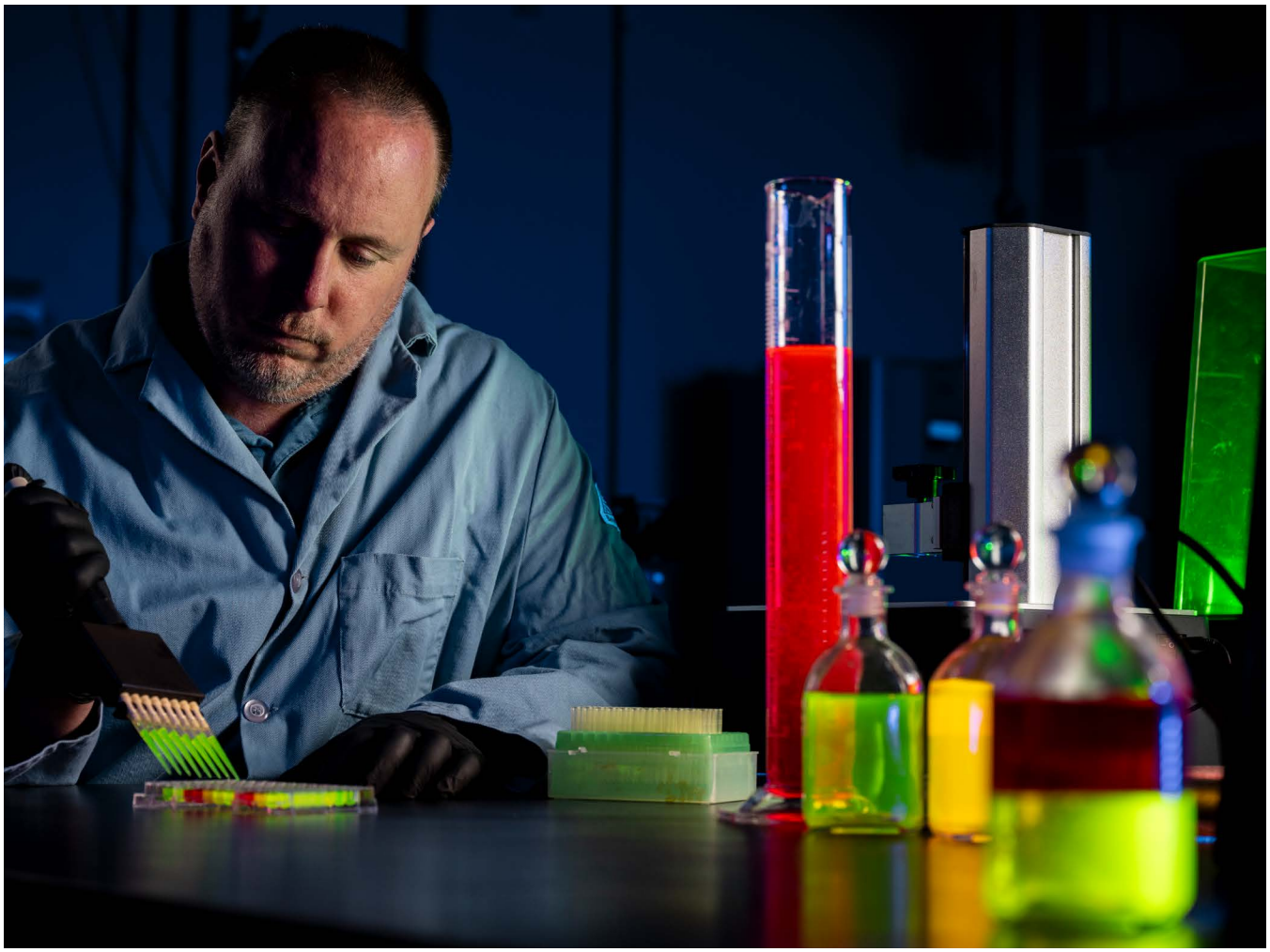
These research centers will contribute to elevating Missouri S&T's reputation, position S&T as an international leader in these respective fields, and leverage, build and grow academic-industry-government partnerships to transform the economy of the region. To succeed in these aims, the university is seeking dynamic and visionary leadership for the Kummer Institute research centers.

MINIMUM QUALIFICATIONS

Must have strategic leadership skills, including the demonstrated ability to develop and enact a vision for the Kummer Institute Center for BioInnovation and Medical Engineering that enhances multi-disciplinary research activity within the university, increases collaboration with industry partners, attracts new external partners, and elevates the stature of Missouri S&T.

Must have demonstrated experience leading highly collaborative research and workforce development initiatives, including the coordination of large research grants with diverse partners in academe, industry, and government or non-profit organizations.

The successful applicant will possess credentials necessary to hold a faculty appointment at the rank of Associate Professor or Professor at Missouri S&T in an academic department related to the applicant's expertise and the center's activities, or possess equivalent professional experience and demonstrated accomplishments in industry, government, or other research-intensive environments. Consideration will be given to established leaders as well as emerging leaders who demonstrate strong potential to successfully lead and advance the Center.



APPLICATION MATERIALS

The Search Committee welcomes nominations and applications. Review of applications will begin immediately and will continue until the position is filled. Interested candidates should submit:

- a cover letter outlining their qualifications and vision for this role
- a curriculum vitae, and
- a separate statement about their leadership qualifications.

Finalists will be asked to submit contact information for at least five references. Applications may be submitted directly using the link below or uploaded to the Missouri S&T Careers page at **hr.mst.edu/careers**. Candidate inquiries about this role may be directed to Carrie Arrowsmith, Lead Recruitment Consultant, at **arrowsmithc@mst.edu**.

Additional Information

The final candidate is required to provide copies of official transcript(s) for any college degree(s) listed in application materials submitted. Copies of transcript(s) should be provided prior to the start of employment. In addition, the final candidate may be required to verify other credentials listed in application materials.

Failure to provide official transcript(s) or other required verification may result in the withdrawal of the job offer.

All job offers are contingent upon successful completion of a criminal background check.



ABOUT ROLLA

Rolla, Missouri offers several great advantages that help individuals enjoy a high quality of life.

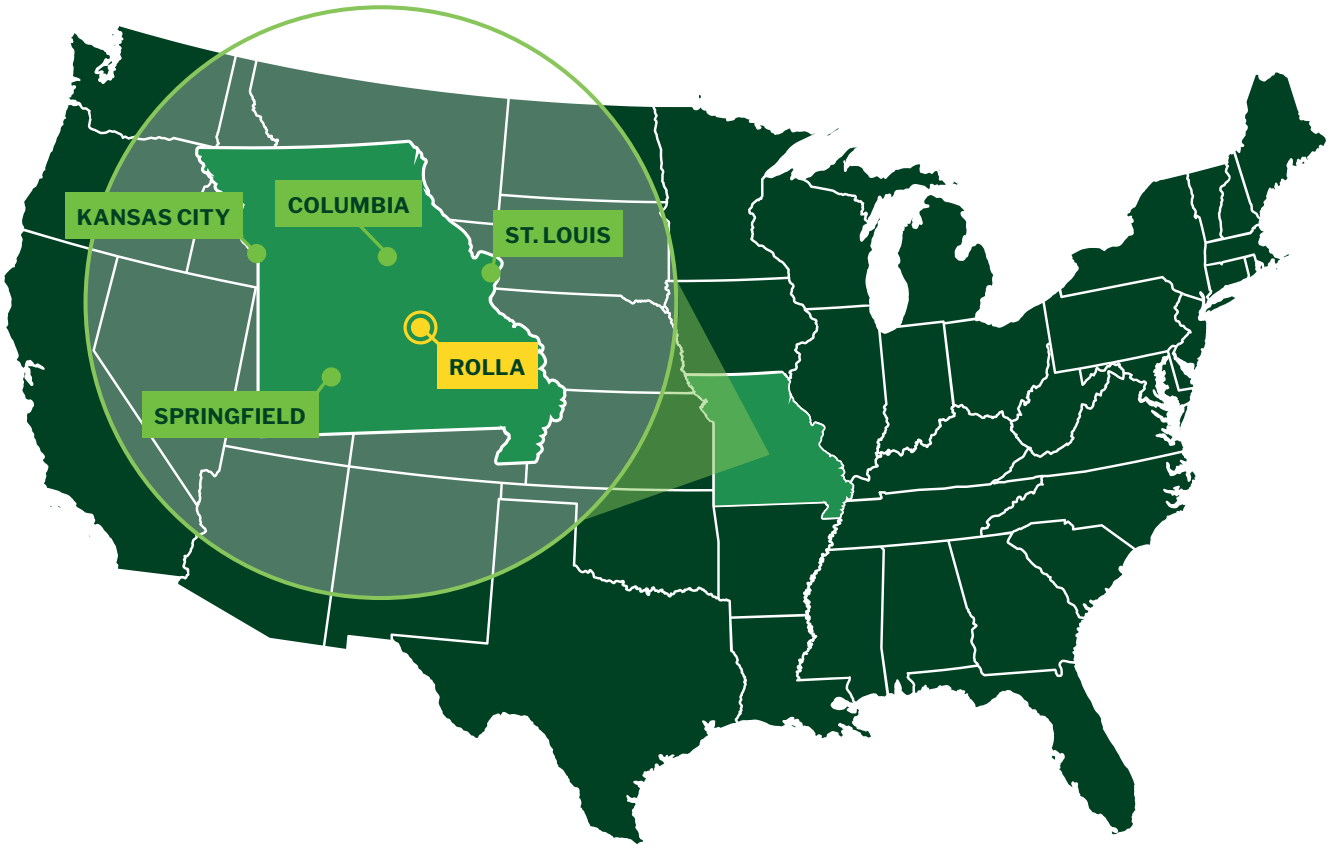
Rolla is an ideal place for families, with its excellent schools, safe neighborhoods, and a range of recreational activities suitable for all ages. The Ozark Scenic Riverways and beautiful landscapes offer abundant opportunities for outdoor enthusiasts of every lifestyle. With a vibrant and diverse cultural scene, Rolla hosts multiple events, concerts, art exhibitions, and theater performances throughout the year. The university's Leach Theatre showcases nationally renowned performers for campus and community alike. Overall, living in Rolla offers a high quality of life with a supportive community, affordable living, beautiful natural surroundings, and numerous opportunities for personal and professional growth.

BEYOND ROLLA

When you want to explore beyond Rolla, St. Louis is just a 90-minute drive away, offering an impressive range of cultural, educational and recreational attractions, including

- Gateway Arch
- Saint Louis Science Center
- Saint Louis Art Museum
- Saint Louis Zoo
- Missouri Botanical Garden
- Forest Park.

The University of Missouri is an Equal Opportunity Employer. To request ADA accommodations, please call the Office of Equity and Title IX at 573-341-7734.





PART OF MISSOURI'S BIOTECH CORRIDOR

Missouri S&T sits alongside Interstate 44 and Highway 63 and is part of a compact biotech R&D corridor, linking Rolla to St. Louis, Kansas City and Columbia. The university's engineering and biosciences strength sits within reach of St. Louis's BioSTL and Danforth plant-science hub, the KC Animal Health Corridor, and the University of Missouri System's NextGen Precision Health. Interstate 44 connects Rolla to Springfield and St. Louis, while Highway 63 runs north to Columbia, home to the University of Missouri's medical school.



The Missouri Bioplex, currently under construction for a planned 2028 opening, will be located within the Arrival District and anchor the south side of the Oval. The facility's adjacency to both Bertelsmeyer Hall and Schrenk Hall will foster better collaboration between research faculty working within the chemical and biochemical engineering, chemistry, biological sciences, environmental science, and psychology programs.

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