Position Specification

Missouri University of Science and Technology

Vice Chancellor for Research and Dean of Graduate Studies

December 2017
POSITION SPECIFICATION

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<th>Vice Chancellor for Research and Dean of Graduate Studies</th>
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<tr>
<td>Institution</td>
<td>Missouri University of Science and Technology</td>
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<tr>
<td>Location</td>
<td>Rolla, Missouri</td>
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<td>Reporting Relationship</td>
<td>Chancellor (for Research) and Provost and Executive Vice Chancellor for Academic Affairs (for Graduate Studies)</td>
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<tr>
<td>Website</td>
<td><a href="http://research.mst.edu/">http://research.mst.edu/</a></td>
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INSTITUTIONAL BACKGROUND / CULTURE

Founded in 1870, Missouri University of Science and Technology is one of the nation’s top technological research universities and shares a land-grant heritage as one of the four campuses of the University of Missouri System. The University has two academic colleges, the College of the Arts, Sciences, and Business and the College of Engineering and Computing. The University offers over 90 degree programs in engineering, science, computing and technology, business, social sciences, humanities, and liberal arts. Together, the colleges are home to approximately 419 titled faculty, in addition to part-time faculty.

Missouri S&T has total student enrollment of approximately 8,800, with graduate student enrollment of approximately 1,900. The student-faculty ratio at Missouri S&T is currently 18:1. The average class size is 29 students. There are approximately 690 doctoral students pursuing one of 21 programs offered in STEM fields. Missouri S&T graduates have a 93 percent career placement rate across all majors, and frequently receive multiple job offers.

Missouri S&T is classified by the Carnegie Foundation as a higher research activity institution, and has a diverse portfolio of NSF, NIH, DOE, industry, and private foundation grants. Over 300 research grants are awarded annually to Missouri S&T faculty by external funding agencies and companies. At the close of FY2017, research expenditures at S&T were just over $30 million. Approximately 2/3 of funding comes from federal sources and 1/3 of funding comes from industry/private partnerships. The research expenditure capacity at Missouri S&T is estimated to be about $80 million.

KEY RESPONSIBILITIES

Missouri S&T seeks highly qualified candidates for the newly formed position for Vice Chancellor of Research and Dean of Graduate Studies. The VCRDGS will report to the Chancellor, with a dotted-line relationship to the Provost and Executive Vice Chancellor for Academic Affairs. The VCRDGS will be a member of both the Chancellor’s and Provost’s Leadership Councils.

The VCRDGS is a member of the senior leadership team and will work collaboratively with the administration, college deans, and internal and external campus constituents to promote high quality research and scholarship across all disciplines, as well as to promote high educational standards for graduate students. He or she will supervise approximately 25 staff members.
The VCRDGS will oversee the Office of Research and Sponsored Programs (OSP) and the Office of Graduate Studies, supervise support staff, and collaborate with the college deans on graduate education, research, and resources for graduate students. In addition, the Office of Technology Transfer and Economic Development reports to the VCRDGS. In addition, six research centers report into the Office of Sponsored Programs: Center for Biomedical Research, Center for Infrastructure Engineering Studies, Center for Research in Energy and Environment, Intelligent Systems Center, Materials Research Center, and the Rocks Mechanics and Explosives Research Center. The Vice Chancellor will also oversee research compliance processes, including the Institutional Review Board and Conflict of Interest processes. For additional information about the OSP, please visit http://sponsoredprograms.mst.edu/. For additional information about research initiatives, please visit http://research.mst.edu.

The VCRDGS will be responsible for graduate student support, graduate recruitment, graduate programs and curriculum, graduate student diversity initiatives, international collaborations, and career development. For more information about Missouri S&T’s Graduate Studies visit http://grad.mst.edu/.

PROFESSIONAL EXPERIENCE / QUALIFICATIONS

The successful candidate will have relevant leadership experience with a proven track record of advancing academic research and graduate education. He or she will also have a distinguished personal record of scholarship / funded research and an understanding of the need to promote and foster research interests in others.

Competitive candidates will also possess:

- The ability, with the faculty and other leaders, to voice a strategic research and graduate education vision for Missouri S&T and to develop and realize a plan to achieve it;
- Significant leadership, management, and financial experience in higher education or similar research environments;
- Experience in building research relationships in federal, industrial, and institutional environments;
- Awareness of diverse forms of scholarship and creative activity – including non-STEM and management-related fields, and a willingness to develop innovative support for them;
- An understanding of multi-dimensional metrics that support research missions across a variety of disciplines;
- Experience in planning, growing, and diversifying research and the graduate population, while fostering and promoting inclusion of women and historically underrepresented groups;
- A demonstrated capacity to create interdisciplinary partnerships, develop infrastructure with multiple constituencies to support research aspirations and initiatives;
- Experience promoting and implementing policies and procedures to ensure compliance with Federal and State regulations governing research;
- Respect for, and engagement with, faculty and staff, coupled with a commitment to attract and retain excellence and diversity;
- Outstanding communication skills and an engaging style with strong interpersonal skills;
- Demonstrated ability to lead by consensus and with a level of transparency and discretion;
- The ability to articulate the University’s research vision, goals, accomplishments, and needs to a broad range of external constituencies, including alumni, academic, government representatives and the business and industrial communities;
• The ability to recognize and assist with the needs of various stakeholders, including research-based and non-research-based graduate students; and
• Impeccable personal and professional integrity.

EDUCATION

The Vice Chancellor for Research and Dean of Graduate Studies must possess an earned doctoral degree and a record of recognized achievement in academic research. Equivalent education and experience that provides evidence of understanding the academic research process may be accepted.

COMPENSATION

Missouri S&T offers an attractive compensation and benefits package, commensurate with the successful candidate’s background and experience.

NOMINATIONS AND APPLICATIONS

For priority consideration, please apply by February 1, 2018. Applications should include 1) a detailed curriculum vitae and 2) a letter of interest that addresses the responsibilities and requirements described above, as well as the applicant’s motivation to apply. To ensure full consideration, inquiries, nominations, and applications should be submitted electronically, in confidence, to:

mst-vcrdgs@kornferry.com

KORN FERRY CONTACTS

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<tr>
<th>Paul Chou</th>
<th>Josh Ward, Ph.D.</th>
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<tr>
<td>Co-Managing Director</td>
<td>Senior Associate</td>
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<td>Global Education Practice</td>
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