

## Dean, College of Integrated Science and Engineering (CISE)

### James Madison University

#### General Information

James Madison University (JMU) invites applications and nominations for a dynamic, visionary and forward thinking leader to serve in the position of Dean of the College of Integrated Science and Engineering (CISE). The College of Integrated Science and Engineering, which was formed in July 2012, is JMU's newest college and builds upon the university's ongoing commitment to addressing complex, real-world problems through interdisciplinary application of science and technology. The formation of the new college and the growth of its academic programs reflect the university's goal of expanding the number of STEM graduates who are able to work in teams, think critically and apply their knowledge within global, social, cultural, political and economic contexts. The College is actively involved in many STEM initiatives and prides itself on its outreach efforts and many cross-disciplinary partnerships on campus and with other institutions, government agencies, non-profits, industry and local and international communities.

Academic departments within the College include Computer Science, Engineering and Integrated Science and Technology (ISAT). Academic programs reflect the unique approach taken by the College and emphasize integrated solutions, innovation, collaboration, student research and social engagement. For example, Computer Science offers one of the nation's oldest online Masters Programs in Information Security, established in 1997. The Engineering curriculum focuses on sustainable design and interdisciplinary approaches rather than traditional Engineering specialties and was designed to meet ABET accreditation standards and to prepare students for the FE licensure exam. ISAT includes programs in Intelligence Analysis and Geographic Science and concentrations in Applied Biotechnology, Energy, Environment, Knowledge Management, Manufacturing and Telecommunications. Computer Science and ISAT are longstanding programs at JMU but the Engineering program is new and saw its first graduating class in 2012. In 2012-2013 programs within the college conferred 272 Bachelor's degrees and 34 Master's degrees in 5 undergraduate majors and 3 graduate majors. For the same year there were 1,300 undergraduate majors and 96 graduate students enrolled in CISE. *In 2013* departments within the College employed 74 full-time faculty members (who hold a wide variety of terminal degrees), 15 part-time faculty and 19 full-time classified and professional staff in addition to wages employees, graduate assistants and student workers.

James Madison University is a highly selective public, comprehensive university with approximately 20,000 students and 940 full-time faculty located in the scenic Shenandoah

Valley, two hours southwest of Washington, D.C. The university has been ranked by U.S. News and World Report as the number two top-rated public regional master's level university in the south for 2012 and number one for the previous seventeen consecutive years. Colleges at the university provide a solid foundation in the liberal arts as well as a variety of professional and pre-professional programs. The seven colleges at the University include: Arts and Letters, Business, Education, Health and Behavioral Studies, Integrated Science and Engineering, Science and Mathematics and Visual and Performing Arts. The university offers 71 Bachelor's, 34 Master's and 8 Doctoral degrees. The university strives to offer research opportunities to undergraduates, many of whom go on to advanced graduate or professional studies. The university is known for the quality of its students and faculty, community engagement, international programs, the quality of the undergraduate experience and high graduation and retention rates. STEM initiatives at JMU offer evidence of the university's commitment to the programs of the College of Integrated Science and Engineering. In academic year 2008-2009 JMU established annual targets for increasing STEM graduates which have been achieved in each subsequent year and which increased by 33% between 2011 and 2012.

We invite candidates from diverse backgrounds who will contribute affirmatively and creatively to the university's multicultural environment. Our goal is for our employees to reflect the rich mix of backgrounds, life experiences, cultures, perspectives and world views that is found within our university community.

### **DUTIES AND RESPONSIBILITIES**

This position offers a unique opportunity to establish a shared vision for a new college that is open to new ideas and willing to explore fresh approaches. The university seeks a person who is able to lead transformative change. The dean provides leadership for teaching, research and service activities within the College. The dean collaborates with faculty in the College and others to develop curricula and academic programs that address institutional priorities and social needs. Responsibilities include representing the College to internal and external constituents and providing outreach and professional service regionally, nationally and internationally. The dean is expected to contribute directly to the teaching, research and service mission of the College. The dean enhances the reputation of the College and its students and faculty, the University and the professional disciplines within the College. The dean is responsible for encouraging and promoting research and scholarship in the College and for assisting faculty and students in securing external funds and other resources in support of research and scholarly activities. The dean will lead efforts to recruit, develop and retain diverse and highly qualified students, faculty and staff. The dean works with multiple communities to develop direction and strategic priorities for the College and its programs. Each dean at JMU provides academic, intellectual and administrative leadership and reports directly

to the provost and serves on Academic Council, the senior academic leadership team at JMU. In collaboration with others, the dean is responsible for securing and managing resources that are necessary to achieve excellence and for oversight of fiscal, human and material resources within the College.

## **QUALIFICATIONS**

The dean is expected to provide visionary leadership. Evidence of innovation, creativity and flexibility that reflects high level leadership and substantive contributions in academia or industry is a prerequisite for the position. Demonstrated ability to inspire others and to articulate a clear and consistent vision is essential. The successful candidate will foster academic excellence among students and faculty and serve as a role model. The dean must possess the ability to motivate academic achievement with a multidisciplinary faculty, a diverse student body, and the faculties and centers of related academic units. Demonstrated commitment to recruitment and retention of underrepresented students, faculty and employees and ability to lead people from diverse backgrounds toward achievement of common goals is critical. The successful dean will possess the ability to communicate effectively with external constituencies and will represent the college and the university to a variety of audiences including potential students, parents, community leaders, funding agencies, donors, government officials and professional colleagues from other institutions. Outreach experience is important as are excellent oral and written communication skills. The dean must demonstrate commitment to interdisciplinary/multidisciplinary experiences. A track record of effective collaboration and partnerships across academic disciplines is essential. Qualifications include evidence of administrative effectiveness and ability to solve complex problems by developing effective problem solving strategies, collaborating with and motivating others and mobilizing resources in an efficient way. An earned doctorate or equivalent education and experience sufficient to merit appointment with tenure at the rank of full professor in a discipline representative of the College of Integrated Science and Engineering is required.

Candidates are requested to submit a concise statement describing how their vision and experience align with the responsibilities of the position.

## **APPLICATION/NOMINATION PROCESS**

Applications will be accepted immediately; review will begin on November 8, 2013 and applications will be accepted and reviewed until the position is filled. James Madison University only accepts applications through the JobLink website at: <https://JobLink.jmu.edu>. Reference posting number 0405553. The posting should describe the search for the Dean of the College of Integrated Science and Engineering. Applicants should post a cover letter, a current resume or

curriculum vitae, a listing of 5 references with contact information and a concise statement describing how their vision and experience align with the responsibilities of the position. Individuals wishing to nominate candidates should submit a letter of nomination and complete contact information for the nominee to CISE Dean Search, c/o Dean of Libraries and Educational Technologies, MSC 1703, James Madison University, Harrisonburg, VA 22807. Fax: 540-568-6339.

## **SPECIAL INSTRUCTIONS TO APPLICANTS**

### **REQUIRED APPLICANT DOCUMENTS**

Cover Letter

Curriculum Vitae

List of 5 Professional References

A concise statement describing how the candidate's vision and experience align with the responsibilities of the position.