
Assistant Professor

Department of
Engineering—0407647

The Department of Engineering at James Madison University invites applicants who strive to be world-class engineering educators for two open tenure-track Assistant Professor positions to start in August 2017. We are seeking two colleagues with experience in the engineering application of modeling, data science, risk analysis; resilient built and natural infrastructure systems; or related areas.

Successful applicants will be able to teach throughout our undergraduate curriculum. The innovative Madison Engineering program is a community of scholars from across the engineering disciplines, committed to learning, excellence, respect, collaboration and generosity. Launched in 2008, the program offers a single ABET-accredited bachelor's degree in engineering crafted to engage students and stakeholders in the creation of solutions that benefit society. The curriculum integrates coursework in engineering science, engineering design, sustainability, engineering management and the liberal arts, features curriculum-spanning design projects, and culminates in a two-year-long engineering design project. Our annual symposium showcases the breadth of student project opportunities (see www.madexchange.org).

Currently the department has 14 full-time faculty members, approximately 420 students, and 6 staff members. Our strengths include a dedicated, energetic, collegial and diverse faculty, an engaged and invested student body, and strong administrative support. Our studios, laboratories, classrooms and offices have been holistically designed to embody our learning community, and are undergoing substantial remodeling in 2016 and 2017. More information about the program, curriculum, faculty, and students can be found at <http://www.jmu.edu/engineering>.

Compelling candidates would capitalize on university-wide initiatives in ethical reasoning; creativity, innovation, and entrepreneurship; community and civic engagement; and sustainability. Candidates will be expected to develop collaborative, cross-cutting, and transformative scholarship and student mentoring opportunities that complement or bridge ongoing engineering endeavors. JMU values collaboration among academic units and provides unique opportunities for interdisciplinary, team-based teaching and scholarship. We value excellence in innovative, evidence-based undergraduate teaching, as well as engaging undergraduate students through project and research experiences. A Ph.D. in any engineering discipline or a related field is required of all applicants. Experience outside academia is strongly desired.

Candidates should prepare:

- (1) Cover letter (describe how you see yourself contributing to our engineering program),
- (2) Statement of teaching goals, experience, potential collaboration opportunities, the core courses you would like to teach, and additional co-curricular activities or courses you think would enhance our undergraduate program,
- (3) Statement of scholarly goals, experience, and potential collaboration opportunities,
- (4) Statement of service goals, experience, and potential collaboration opportunities,
- (5) Curriculum Vitae (CV), and
- (6) Contact information for three references.

Salary is commensurate with experience. Applications are being accepted immediately, and review will begin on November 7, 2016. Applications will be accepted and reviewed until the position is filled, contingent on state authorization. To apply, visit <https://JobLink.jmu.edu> and search for posting number (Posting 0407647). Only completed submissions that are uploaded electronically to the JMU JobLink system will be considered.

JMU is a comprehensive public university with over 18,000 undergraduate and 2,000 graduate students. For 19 consecutive years, JMU has been ranked as a top public, masters-level university in the South. Located in Harrisonburg, Virginia, JMU is approximately 130 miles southwest of Washington, DC in the scenic Shenandoah Valley. Nestled between the Appalachians and Shenandoah National Park, Harrisonburg is known for its livability, diversity, local food, arts, and natural surroundings. Harrisonburg is a diverse community, with over 50 languages represented in excellent K-12 public schools, an annual international festival, and a wide variety of restaurants and shops.

James Madison University is an equal opportunity employer committed to creating and supporting a diverse and inclusive work and educational community that is free of all forms of discrimination. This institution does not tolerate discrimination or harassment on the basis of age, color, disability, gender identity, genetic information, national origin, parental status, political affiliation, race, religion, sex, sexual orientation, or veteran status.

We promote access, inclusion, and diversity for all students, faculty, staff, constituents, and programs, believing that these qualities are foundational components of an outstanding education in keeping with our mission. The University is interested in candidates whose experience and qualifications support an ongoing commitment to this core quality.

Anyone having questions concerning discrimination should contact the Office for Equal Opportunity: (540) 568-6991.

If you have any questions regarding the position, please contact:

Dr. Justin Henriques, (henriqjj@jmu.edu), Search Committee Chair, or

Dr. Kurt Paterson (paterskg@jmu.edu), Department Head.