



COLLEGE OF ENGINEERING
Civil & Environmental Engineering

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The Department of Civil and Environmental Engineering is seeking visionary individuals who are integrating structural engineering, resilient infrastructure, fluid-structure interactions, and structural informatics and machine learning to address the sustainable infrastructure challenges of the 21st century. Our department seeks to enhance its integrative research and educational programs. We are especially interested in candidates with a background in fluid-structural interactions, structural informatics and machine learning, multiscale modeling, multi-disciplinary optimization, and dynamics and controls.

The Department of Civil and Environmental Engineering invites applications for a full-time tenure-track faculty appointment with an anticipated start date of Fall 2018. The rank of Assistant Professor is targeted, but all ranks will be considered. Applicants are expected to have a doctoral degree in Structural Engineering or related discipline.

The Department of Civil and Environmental Engineering is a vibrant, collegial, research-active department with 25 tenure-track faculty, 250 undergraduate students, and 70 graduate students. A new state-of-the-art 65,000 square foot annex is being added to the Seamans Center for the Engineering Arts and Sciences, and is to be completed in 2018. The addition addresses several strategic needs that will enable the college to maintain its momentum and growth (i.e., expanded classrooms, collaborative learning spaces, and a unique hands-on “maker” classroom). In addition, the College of Engineering has an established global reputation for its four research units —Center for Computer-Aided Design, IIHR—Hydroscience & Engineering, Center for Bioinformatics and Computational Biology, and Iowa Institute for Biomedical Imaging. These centers help fuel a highly interdisciplinary research enterprise across campus.

The successful candidate will be expected to develop an internationally recognized research program, to participate in the teaching and service missions of the department, and to follow The University of Iowa’s strong tradition of collaboration across disciplinary boundaries. The ideal candidate will demonstrate strong communication, teaching and leadership skills, as well as an ability to actively contribute to our rapidly growing department. A strong commitment to graduate and undergraduate teaching and advising is essential, as the supervision of doctoral students and academic advising of trainees at all levels is expected. Teaching responsibilities will include participation in and development of both undergraduate and graduate courses, and strong engagement in a core curriculum that serves to define civil and environmental engineering for future generations.

The University of Iowa understands the link between diversity and excellence in education. We embrace our responsibility to create a welcoming and inclusive campus culture so that all

community members are able to unlock their own potential and be prepared for their future. Faculty members in the College of Engineering contribute to this mission in all areas of faculty effort by designing curricula, research programs, and engagement opportunities that advance understanding of diversity and emphasize the value of global citizenship. Candidates are asked to provide a Commitment to Diversity statement addressing their experience, current activities, and/or future plans to advance diversity and inclusion in alignment with the University of Iowa's mission and values.

The University of Iowa is dedicated to recruiting a diverse faculty community with support systems for all persons to thrive. We are committed to mentorship of faculty and to creating a vibrant and inclusive educational environment. We enthusiastically invite applications from women and underrepresented minority groups. We are committed to recruiting and retaining the most talented and diverse faculty and staff, which involves providing opportunities for employees to "Build a Career | Build a Life." For more information about local work/life resources, including dual-career support, please see: <https://worklife.uiowa.edu/>.

Preliminary inquiries for additional information are encouraged. Interested applicants should apply electronically to Requisition #71573 at <http://jobs.uiowa.edu/faculty/>. Review of applications will begin on December 1, 2017, although applications will be accepted until the position is filled.

Candidates must submit a letter of interest, a curriculum vitae, teaching and research statements, a commitment to diversity statement, and names and addresses of three references. Please address all required and desirable qualifications in your application materials.

Further inquiries regarding this position can be sent to the search chair: salam-rahmatalla@uiowa.edu.

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran.