

Carnegie Mellon University Department of Civil and Environmental Engineering

Tenure-Track Faculty Position – Open Search in any Carnegie Mellon CEE Focus Area

Carnegie Mellon University's Department of Civil and Environmental Engineering invites applications at the Assistant Professor level in any of the education and research focus areas of CEE at Carnegie Mellon. Exceptionally well-qualified applicants will also be considered at the untenured Associate Professor level.

The Department of Civil and Environmental Engineering at Carnegie Mellon has an innovative, interdisciplinary education and research program focused in three thematic areas: Advanced Infrastructure Systems (AIS); Environmental Engineering, Sustainability, and Science (EESS); and Mechanics, Materials and Computing (MMC). We have unique education and research activities in development and application of technology for sensing, control, information modeling and visualization for infrastructure; water and air quality engineering and science; green design; engineering for sustainability; environmental nanotechnology; environmental biotechnology; energy systems analysis; computational mechanics; and materials modeling. In addition, the Department has undertaken an interdisciplinary, cross-department education and research initiative in Climate Change Adaptation of Infrastructure. The mission, goals, and current activities of the department are described at www.cmu.edu/cee.

Applicants with expertise across a wide range of areas related to civil and environmental engineering will be considered. It is critical that the applicant make a strong case for how her/his research and educational expertise and interests align with the focus areas of the department. Applicants must articulate clearly their potential intersections with existing faculty research areas, and alignment with one or more research centers and institutes within the department or university, such as the Smart Infrastructure Institute, the Green Design Institute, and the Scott Institute for Energy Innovation (see www.cmu.edu/cee for a complete list).

Successful candidates must have the ability to teach effectively at both the undergraduate and graduate levels within the department and to develop a robust, externally-funded research program. Applicants are required to have a doctorate in civil and environmental engineering or a related field by the start date for the position. Applications from members of groups traditionally underrepresented on engineering faculties are encouraged.

Carnegie Mellon has a long-standing tradition of interdisciplinary education and research and offers faculty members unparalleled opportunities to collaborate with colleagues from across the university and within the region.

Applications will be accepted until February 1, 2015. Review of applications will begin on December 15, 2014 and will continue until the position is filled. The expected start date is August 1, 2015. E-mail inquiries concerning this position may be sent to the Search Committee (CEE-FacultySearch@andrew.cmu.edu).

Interested candidates should submit applications electronically at www.cmu.edu/cee/employment/faculty-search.html including a cover letter, curriculum vitae, transcripts or a list of graduate courses taken, statement of research experience and interests, statement of teaching experience and interests, up to three publications or manuscripts, and a list of at least three references with contact information. The Search Committee will solicit reference letters only for a subset of applicants after an initial review. These applicants will be notified in advance before letters are requested.

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