

**Carnegie Mellon University
Department of Civil and Environmental Engineering**

Open Tenure-Track Faculty Position in Energy Infrastructure Systems

Carnegie Mellon University's Department of Civil and Environmental Engineering invites applications at the Assistant Professor level in the area of *Energy Infrastructure Systems*. Exceptionally well-qualified applicants will also be considered at the Associate Professor level.

Successful candidates must have the ability to teach effectively at both the undergraduate and graduate levels within the Department and to develop an active and significant research program. The Department is particularly interested in applicants with demonstrated interests in one or more of the following areas: (1) developing and applying computational approaches for the deterministic or stochastic modeling, analysis, and evaluation of complex, interdependent networked energy infrastructure systems (either within a large-scale region or within a more specific facility), (2) developing and evaluating (experimentally and/or through simulation) innovative energy infrastructure systems/components, especially those that are coupled to water or building infrastructure; or (3) researching issues and opportunities related to alternative energy infrastructures (e.g. wind farms, geothermal systems, low head hydro, etc.) Applicants are required to have a doctorate in civil and environmental engineering or a related field. Applications from members of groups traditionally underrepresented in engineering faculties are encouraged.

The University has a long-standing tradition of interdisciplinary research and offers faculty members unparalleled opportunities to collaborate with colleagues from across the university. The Department has existing graduate programs in advanced infrastructure systems; environmental engineering, science and management; green design; and mechanics, materials, and computing, and maintains strong interdisciplinary ties with other programs (www.ce.cmu.edu).

Review of applications will begin on January 1st, 2010, and will continue until the position is filled. E-mail inquiries concerning this position may be sent to the chair of the search committee.

Interested candidates should send a resume, transcripts or a list of graduate courses taken, statement of research and teaching interests, up to three publications or manuscripts, and a list of at least three references to:

Professor Burcu Akinci
Chair of Energy Infrastructure Systems Search Committee
Department of Civil and Environmental Engineering
Carnegie Mellon University
Pittsburgh, PA 15213-3890
bakinci@cmu.edu

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