Full-Time Tenure Track Faculty Position at Drexel University – Water/Energy Nexus

The Department of Civil, Architectural and Environmental Engineering (CAEE) at Drexel University invites applications for a tenure track Assistant Professor position working at the nexus of water and energy. Potential research areas include but are not limited to: understanding and mitigating the impacts of unconventional fossil fuel extraction on water resources, conjunctive use of traditional and alternative energy sources and associated water demands, and novel applications for more sustainable water-building-environment interactions. We seek the most promising, creative, and intellectually agile candidate with the ability to enhance or broaden our current departmental research strengths and to help address the societal challenges associated with increasing infrastructure degradation. The ideal candidate will have the talent, experience, and interest to work within multi-disciplinary research teams examining complex infrastructure challenges.

The CAEE Department is dedicated to enabling the sustainable engineering and stewardship of infrastructure. We currently have major strengths in infrastructure systems (including design, monitoring, simulation, and operation) and reliability and risk analysis, with growing interests in information management and modeling, sustainability, urban water resources and environmental engineering, and engineering decision-making and planning. Our commitment to sustainable infrastructure is manifested in both research and teaching efforts. In addition to developing a strong externally funded research program, the successful candidate will be expected to further our educational mission by developing and teaching undergraduate and graduate courses, advising and mentoring graduate students, and contributing to the continued growth of our graduate programs. Our departmental website is located at: http://www.cae.drexel.edu/.

Interested applicants must hold a doctoral degree in civil or environmental engineering or a related discipline (e.g., chemical or mechanical engineering). A professional engineering license and professional experience is desirable but not required. The position start date is fall 2013.

Drexel University is a top-tier research institution ranked in the top 100 among all PhD granting universities according to US News & World Report. Drexel's College of Engineering is the nation's largest private engineering college. Drexel is located in the University City section of Philadelphia, a vibrant, historic metropolis with many cultural attractions. In addition to providing a high quality of life, this region, in the heart of the infrastructure-rich northeast corridor, provides ample opportunities for research and educational field laboratories, as well as partnerships with a diverse set of infrastructure owners and stakeholders.

Review of applications will begin immediately and continue until the position is filled. The application package should contain, in a single pdf file, a cover letter, the applicant's curriculum vitae with a list of at least three references with contact information, a statement of his/her research interests with a specific discussion of future plans and of how his/her expertise will complement those of the Department, and a statement of his/her teaching interests including a description of proposed new or modified courses that will enhance the Department's current offerings. Applications should be submitted through the Drexel University Department of

Human Resources (<u>www.DrexelJobs.com</u>). Job Requisition # 5027. Questions may be directed to Prof. Patricia Gallagher pmg24 AT drexel.edu.

Drexel University is an equal opportunity/affirmative action employer committed to excellence through diversity. Qualified women and minorities are encouraged to apply.