

Environmental/Water Resources Engineering Faculty Position Southern Methodist University

The Civil and Environmental Engineering Department (CEE) of Southern Methodist University (SMU) seeks to fill an environmental/water resources engineering faculty position at the level of Assistant or Associate Professor or Professor (Position No. 53589). Distinguished candidates at the full professor level can be considered for endowment as the Solomon Professor for Global Development (for consideration, apply to Position No. 53812). The Solomon Professor position will be affiliated as a Senior Fellow with the Hunter and Stephanie Hunt Institute (HI) for Engineering and Humanity at the Bobby B. Lyle School of Engineering at SMU (<http://www.smu.edu/Lyle/Institutes/HuntInstitute>).

Successful candidates must have a PhD degree in Civil & Environmental Engineering or a related field, and are expected to teach undergraduate and graduate courses related to environmental/water resources engineering. Successful candidates are also expected to develop an innovative, externally funded, research program; supervise graduate student theses; and participate in interdisciplinary efforts within the School.

The department seeks candidates with core expertise in water processes in engineered and/or natural environments and interdisciplinary research interests related to the department's themes:

- *Smart and Resilient Infrastructure and Environment*, such as: Smart and connected communities; infrastructure, resource, and community interdependency and resilience; health monitoring and preserving aging infrastructure; and smart and sustainable infrastructure and resources; integration of sensing, informatics, modeling, and probabilistic methods into the planning, design, and management of environmental and water infrastructure and resources; .
- *Global and Sustainable Development*, such as: Water, energy, food nexus; sustainable energy recovery from waste and wastewater; integrated water cycle engineering, such as 'One Water;' infrastructure and resource planning for an inclusive economy; sustainable materials and design; impacts of climate change and population growth on infrastructure and resources; linkage between human activities, infrastructure, the environment, and health; green and livable communities; and land-use and infrastructure interactions for smart urban growth.

The CEE Department offers ABET accredited B.S. degrees in both civil engineering and environmental engineering and M.S. and Ph.D. degrees in civil and environmental engineering, as well as an M.A. degree in Sustainability and Development. The department has well equipped laboratory facilities with extensive biological and chemical instrumentation. Additional information on the department is provided at: <http://www.smu.edu/lyle/departments/cee>.

The SMU Lyle School of Engineering is committed to developing the new American engineer, who is prepared to excel and lead in creating new economic opportunities while meeting the most difficult challenges facing society. The Lyle School maintains a steadfast focus on using engineering to address important issues both at home and around the world.

The Hunt Institute for Engineering and Humanity has three long-term goals: (I) prepare the engineer of the future to solve pressing humanitarian issues through skilled expertise and leadership; (II) form strategic partnerships with business, academia, government and other organizations; and (III) serve as an aggregator and facilitator between communities needing innovative solutions and the organizations building those solutions. The Institute works both locally and globally, fostering innovations towards sustainable solutions to improve the lives of those living in poverty, working in close collaboration with partner communities. For more information, please visit: <http://www.smu.edu/Lyle/Institutes/HuntInstitute>.

SMU is a private, nonsectarian university of about 12,000 students located in University Park, a highly regarded residential community that is 15 minutes north of downtown Dallas. SMU offers strong undergraduate, graduate, and professional programs through seven schools — humanities and sciences, business, the arts, engineering, education, law, and theology. **SMU's The Second Century Campaign** was the largest fundraising initiative in SMU's history, exceeding their goal of \$1 billion by raising \$1.15 billion by the end of 2015. Visit: www.smu.edu/SecondCentury.

Interested and qualified individuals should send a letter of application, curriculum vitae, and a statement of research, education, service, and accomplishments to ceejobs@smu.edu (preferred) or by mail to: EHE Search Committee Chair, CEE Department, Bobby B. Lyle School of Engineering, Southern Methodist University, Box 750340, Dallas, TX 75275-0340. The positions are expected to begin in August 2020 or January 2021. To ensure full consideration, applications must be postmarked prior to January 15, 2020. The committee, however, will continue to accept applications until the position is filled.

SMU will not discriminate in any program or activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, veteran status, sexual orientation, or gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding nondiscrimination policies and may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, accessequity@smu.edu.

Hiring is contingent upon the satisfactory completion of a background check.

Title IX of the Education Amendments of 1972, 20 U.S.C. §§ 1681-1688.