New York University (NYU) has established a research campus, with a fully integrated liberal arts, science and engineering college, in Abu Dhabi, the capital of the United Arab Emirates. NYU Abu Dhabi (www.nyuad.nyu.edu) is integrally connected to NYU in New York (www.nyu.edu), including the Polytechnic Institute of NYU (NYU-Poly) (www.poly.edu), with the ambition to become the leading institution of global higher learning and research for the 21st century. The campuses form the foundation of a unique global network university, linked to NYU’s other study and research sites on five continents. NYU Abu Dhabi (NYUAD) is seeking faculty of international distinction committed to active research and the finest teaching, to building a pioneering global institute of the highest quality, and to forging an international community of scholars and students.

The Division of Engineering is accepting applications for faculty positions at the Assistant, Associate and Full Professor levels in all fields of engineering related to Electrical, Computer and Mechanical Engineering for appointments starting not later than September 1, 2011. A faculty size of 60 in engineering is envisioned in a decade, engendering circulation of ideas, projects, and students with NYU-Poly and NYU’s other Schools and Institutes (such as the Medical School and the Courant Institute of Applied Mathematics). The emphasis of the present search is on the areas of computer and network security, multimedia, data centers and cloud computing, computer architecture, low power electronics and systems, smart power grids and controls, wireless communication networks, bio mimetics, bioengineering/biomedical sensing, bio-inspired systems, bio micro-fluidics, nano / micro electro-mechanical-optical systems, smart structures and intelligent systems, and multifunctional materials.

Alongside its highly selective liberal arts honors college, NYUAD is striving to create distinctive graduate programs (including doctoral), and a world-class Institute for advanced research, scholarship and creative work across the Arts, Humanities, Social Sciences, Sciences, and Engineering disciplines. Situated at a new global crossroads, NYU Abu Dhabi has the resources and the resolve to become a preeminent center of collaborative intellectual pursuit and impact.

Engineering research at NYUAD will focus on three thematic areas: Information, Computation and Electronic Systems; Urban Systems; and Biomedical and Health Systems. The integrated engineering program at NYUAD stimulates invention, innovation and entrepreneurship (i²e). Substantial research funding is available through NYUAD, and major research projects and public programs are underway. Signature research initiatives are being established, that will involve significant collaboration with NYU and NYU-Poly faculty members. New faculty will have the opportunity to develop and put their mark on these new initiatives. NYUAD faculty will also be afforded the opportunity for variable term visits to the New York City campuses of NYU, as well as its other global campus locations, typically one semester out of every eight, plus each summer if desired.

All courses are taught in English to a diverse population of talented students recruited from around the globe. NYUAD operates on a semester basis, with a maximum teaching load of three courses per year for all faculty, with commensurate adjustments for research activities.
Applicants from either the academic or industrial sector will be considered, but a PhD in a relevant field is mandatory. The rank of initial appointment will be commensurate with experience and professional contributions. Terms of employment will be comparable with customary U.S. benchmarks and will include housing and educational subsidies for children.

Review of applications will begin on October 15, 2010 and will end on December 31, 2010. Applicants need to submit a cover letter, curriculum vitae, statement of research and teaching interests, and the names and addresses of three referees to be considered. Please visit our website at http://www.nyuad.nyu.edu/human.resources/open.positions.html for instructions and other information on how to apply. If you have any questions, please email nyuad.engineering@nyu.edu.

NYU Abu Dhabi is an Equal Opportunity/Affirmative Action Employer.