New York University has established a research campus, with a fully integrated liberal arts and science 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 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 Electrical and Computer 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. The emphasis of the present search for faculty in Electrical Engineering is on the areas of low power electronics and systems, bioengineering/biomedical sensing, nano / micro electro-mechanical-optical systems, smart power grids and controls, and wireless communication networks, while the emphasis of the search for faculty in Computer Engineering is on networking, computer and network security, multimedia, data centers and cloud computing, and computer architecture.

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 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. 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 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.