



Founding Dean School of Engineering and Applied Science

Hofstra University: An Overview

Hofstra University is the largest private liberal arts institution on Long Island, New York. It is located 25 miles east of Manhattan, and includes the following schools: Hofstra College of Liberal Arts and Sciences; Frank G. Zarb School of Business; Hofstra North Shore-LIJ School of Medicine; School of Communication; School of Education, Health, and Human Services; Maurice A. Deane School of Law, and Honors College. The University includes more than 500 full-time faculty members, approximately 7,200 full-time and part-time undergraduates, and more than 4,000 graduate students.

ENGINEERING AND COMPUTER SCIENCE AT HOFSTRA

Engineering and Computer Science currently reside as separate departments within the Hofstra College of Liberal Arts and Sciences. Programs include a B.S. in Electrical Engineering; B.S. in Computer Engineering; B.S. in Industrial Engineering; B.S. in Mechanical Engineering; B.S. in Computer Science; B.E. in Engineering Science with options in Biomedical and Civil Engineering; B.S. in Computer Science and Mathematics; B.A. in Computer Science; B.A. in Engineering Science; and M.S. in Computer Science. There are currently fourteen full-time faculty members in the Department of Engineering and six in the Department of Computer Science. Faculty in both departments have received their graduate education at the nation's leading research institutions, including but not limited to the University of Pennsylvania, New York University, Princeton University, Columbia University, and Stanford University. Faculty have been awarded numerous grants from government agencies, including the National Science Foundation, DARPA, the Office of Naval Research, and NASA. Faculty in STEM have generated more than \$30 million in grants since 1993.

HOFSTRA UNIVERSITY SCHOOL OF ENGINEERING AND APPLIED SCIENCE

In June, 2011, the Hofstra University Board of Trustees approved the recommendation by President Stuart Rabinowitz to create a Hofstra University School of Engineering and Applied Science. The new School will combine current University resources in engineering and computer science with significant new investment in faculty, infrastructure, equipment, and student recruitment. The purpose of the school is to: address a critical shortage of trained engineers in the greater New York metropolitan and Long Island area; prepare students for

entry into a globalized workplace by integrating cross-cultural academic preparation at the undergraduate and graduate levels with national and/or international work experience; elevate the visibility and productivity of the engineering and computer science programs currently in existence at Hofstra; develop and expand new and existing programs in cutting edge curricular areas; develop cross-disciplinary synergies with other schools at the University and neighboring research institutions; and adapt quickly to changes in the technology and workplace through active collaboration with industry.

Opportunities and Challenges for the Founding Dean:

1. **Shape the future direction of the new School.** The Founding Dean will have the opportunity to establish a vision for the new School which builds upon the existing strengths of the engineering and computer science programs. The Dean will seek to attract and retain junior faculty and work with established faculty in executing this vision. Likewise, the new Dean will be charged with increasing the prestige of the School in the New York City metropolitan region and nationally. In accomplishing these tasks and realizing this vision, the Dean will have the opportunity to innovate, grow, and expand curricular, experiential learning, and research opportunities for students, faculty, and University partners.
2. **Attract financial resources.** In order to for the new School to expand and grow, a substantial influx of funding is required. The Founding Dean must identify the School's resource needs and, with the assistance of the University Development Office, establish a program of vigorous fundraising to meet those needs and develop a culture of external grant-funding among faculty and staff of the School.
3. **Increase and improve the physical space and the technical support environment for teaching and research.** The University has committed to a renovation of the existing facility. As the new School grows enrollment, it will need a significant expansion of the physical space necessary for teaching, research, and support. Additional technical and ancillary services are also required. The Founding Dean will lead in identifying and prioritizing the resource requirements and in directing the development of these space and support resources.
4. **Generate collaborative opportunities for the new School.** With the creation of the new School, Hofstra University becomes an even stronger national comprehensive University. The Founding Dean will be responsible for seeking collaborative opportunities for teaching and research across the Schools and Colleges within the University. Additionally, the new Dean will lead in the establishment of partnerships with local and state government, local research centers, and industry.

Desired qualifications and characteristics for candidates

The Founding Dean of the School of Engineering and Applied Science at Hofstra University is expected to be an innovative, visionary leader with a deep commitment to excellence in education. In addition, the ideal candidate will possess the following experience and characteristics:

Leadership

- Strong leadership and proven administrative experience;
- Development of a strategic and long-range vision; and
- Excellent communication and interpersonal skills.

Experience in Education

- An earned doctorate in a discipline appropriate for the School;
- A record of professional achievement that merits appointment to a senior academic rank;
- Teaching experience in undergraduate education; and
- Knowledge and experience with the ABET accreditation process across the Engineering and Computer Science spectrum.

Entrepreneurial Approach

- A record of collaborative program development, teamwork, and partnership building;
- The ability to cultivate relationships with alumni and donors and to raise financial resources for the new School; and
- Demonstrated ability to acquire and manage external funding.

Procedure for Candidacy

Letters of nomination, confidential inquiries, and questions about the search should be sent to: HofstraDean@storbeckpimentel.com

Hofstra University is an equal opportunity employer, committed to fostering diversity in its faculty administrative staff and student body, and encourages applications from the entire spectrum of a diverse community.