ONE FACULTY OPENING IN SYSTEMS ENGINEERING

The United Technologies Corporation Institute for Advanced Systems Engineering (IASE) at the University of Connecticut solicits applications for a full-time tenure-track or tenured faculty position at the rank of Assistant or Associate Professor in Mechanical Engineering to conduct research, education and outreach related to systems engineering. The successful candidate will:

- Develop, sustain, and grow a research program of excellence in theoretical and/or computational research in Mechanical Engineering, with an interest in building strong ties to the Institute for Advanced Systems Engineering. Manufacturing/Robotic/Cyber-Physical Systems as well as Systems Design are of particular interest, although other applications relevant to the Mechanical Engineering Department will also be considered. The research program is based on a deep collaboration between industry and the UTC Institute for Advanced Systems Engineering.

- Develop and teach undergraduate and graduate courses that meet the curricular needs of IASE with particular emphasis on enhancing UTC-IASE’s systems engineering curriculum. Advise and mentor undergraduate and graduate students with particular emphasis in the area of cyber-physical systems and systems engineering.

- Provide service and leadership to all units of the University of Connecticut, to external academic and scientific communities, and to the general public.

OUR INSTITUTE, ME DEPARTMENT AND SCHOOL

The Institute for Advanced Systems Engineering serves as a hub for applied and theoretical research, workforce development, and industrial outreach activities on analytical systems engineering of complex physical and software intensive systems. The ME Department serves as a UTC Pratt & Whitney Center of Excellence. Its yearly research expenditures range between 5 and 7 million dollars, and its student population currently consists of over 160 graduate students as well as more than 600 undergraduate students. The School of Engineering and the University of Connecticut continue a momentum of unprecedented growth as evidenced by significantly increased research expenditures, and a 20-year state-funded $2.3B initiative to enhance the physical infrastructure as well as research and teaching activities. UConn is ranked 18th among the nation’s top public universities.

OUR LOCATION

The state is home to a large number of international, high technology companies. The University campus is located in a beautiful area of New England, with a moderate cost of living and proximity to New York City and Boston, the many beaches along the Atlantic Ocean, and the mountains of Vermont, New Hampshire and Maine.

TO APPLY academicjobsonline.org/ajo/jobs/10252