

Title: Assistant/Associate Professor (tenure track)

Department: Chemical & Biomolecular Engineering

Search #: 2014122

Campus/Location: Primary academic appointment at the Storrs Campus, with the possibility of work at other UConn campuses across the state

Position Summary

The Chemical & Biomolecular Engineering (CBE) Department at the University of Connecticut invites applications for a tenure-track faculty position at the assistant or associate professor level, with an expected start date of August 23, 2014. The research specialty of interest is computer applications in chemical engineering, including but not limited to: development of theory, modeling, simulation, design, optimization, and control; as applied to systems, processes, and reaction pathways.

Primary Duties

The successful candidate will:

- Develop, sustain, and grow an externally funded research program of excellence in a field of Chemical & Biomolecular Engineering (CBE).
- Teach undergraduate and graduate courses that meet the curricular needs of our CBE department.
- Advise and mentor undergraduate and graduate students.
- Provide service and leadership to all units of the University of Connecticut, to external academic and scientific communities, and to the general public.

Minimum Qualifications

- Completion of all requirements for a Ph.D. in Chemical Engineering or a closely related field by the time of the appointment. Equivalent foreign degrees are acceptable.
- Research credentials in Chemical Engineering, with a research specialty of interest to the CBE faculty and that complements existing faculty expertise.
- A background that provides preparation for teaching excellence in undergraduate and graduate courses in CBE.
- Excellent oral and written communication skills.
- Strong interpersonal skills.
- Demonstrated success in original research, and publication of that work in archival journals.
- Experience with oral presentations at national or international scientific meetings.

Preferred Qualifications

- Research credentials in Chemical Engineering, with a specialty subfield in the area of computer applications in chemical engineering that complements existing faculty expertise.
- Experience as a post-doctoral or industry researcher in a research-competitive environment.
- Exposure to developing research grant applications to federal funding agencies.
- Interest in collaboration with industry.

Appointment Terms

This is a 9-month tenure-track position with an expected start date of August 23, 2014. The successful candidate's primary academic appointment will be at the Storrs campus with the possibility of work at UConn's regional campuses across the state. Salary and rank will commensurate with qualifications.

About UConn's School of Engineering:

These are momentous times for UConn Engineering as we welcome unprecedented numbers of incoming, highly qualified students to our undergraduate programs; expand our collaborations with industry partners; nurture the entrepreneurial spirit of our students and faculty; and strategically grow our research expertise in core areas of enormous importance to the nation.

In response to transformative new partnerships with industry and a state-bonded \$1.8B investment in STEM infrastructure and education at UConn, the University expects to hire over 500 new faculty in all by 2023. The School of Engineering is accelerating its faculty hiring in strategic areas. For the 2013-14 academic year, UConn Engineering has hired 22 new tenure-track faculty members in Advanced Manufacturing & Materials, Genomics and Biomedical Engineering, and Human Sustainability & Physical and Cyber Infrastructure Resilience.

Key developments driving this growth also include the establishment in 2013 of a \$7.5M General Electric Partnership for Advanced Materials, \$4.5M Pratt & Whitney Additive Manufacturing Innovation Center, \$4.8M Fraunhofer Center for Energy Innovation, \$1M/year Center for Hardware Assurance & Security Engineering and an anticipated \$10M UTC Institute for Advanced Systems Engineering.

To Apply

Applications must be submitted using [Husky Hire](#). Please upload your curriculum vitae, a five to ten page research plan, a two to three page teaching plan, and the names and contact information of four references. The requested submission format is a single PDF file in the order listed. Review of applications will start on immediately and will continue until the position is filled. Please reference search 2014122 in your application submission.

The University of Connecticut is an EEO/AA employer.