UCONN
UNIVERSITY OF CONNECTICUT

Job Posting Title: Assistant Professor, Materials Science and Engineering

The School of Engineering (SOE) and the Institute of Materials Science (IMS) at the University of Connecticut (UConn) seek qualified candidates for an Assistant Professor in the Department of Materials Science and Engineering (MSE) in all areas of materials science and engineering (experimental, computational).

UConn is in the midst of a transformational period of growth, supported by the $1.7B Next Generation Connecticut (http://nextgenct.uconn.edu/), the Tech Park initiative (http://innovation.uconn.edu/tech-park/) and a bold new Academic Plan (http://issuu.com/uconnprovost/docs/academic-plan-single-hi-optimized_1). We are pleased to continue these investments by inviting applications from eminent scholars who can engage with our MSE and IMS faculty members.

The MSE Department has strengths in the entire spectrum of materials research with access to some of the best state-of-the-art infrastructure, and extensive funding from federal agencies and industry. It is home to 17 full-time core faculty members, 4 faculty members with joint appointments with the UConn Health Center, and 6 graduate faculty members. The Department offers B.S., M.S., and Ph.D. degree programs. Further information on the Department and the IMS can be found at: http://www.mse.uconn.edu/ and http://www.ims.uconn.edu/.

The successful candidate will be expected to contribute to research and scholarship through extramural funding (in disciplines where applicable), high quality publications, impact as measured through citations, performances, and exhibits (in disciplines where applicable), and national recognition as through honorific awards. In the area of teaching, the successful candidate will share a deep commitment to effective instruction at the undergraduate and graduate levels, development of innovative courses and mentoring of students in research, outreach, and professional development. Successful candidates will also be expected to broaden participation among members of under-represented groups; demonstrate through their research, teaching, and/or public engagement the richness of diversity in the learning experience; integrate multicultural experiences into instructional methods and research tools; and provide leadership in developing pedagogical techniques designed to meet the needs of diverse learning styles and intellectual interests.

Applicants must have a Ph.D. in materials science, engineering, physics, chemistry or a related field, and an outstanding track record of scholarly research, extramural funding, and teaching. Successful candidates will teach courses at both the undergraduate and graduate levels, develop internationally recognized, externally-funded research programs, and contribute to the operation and promotion of the Department, University, and profession through service.

Minimum Qualifications

- PhD in materials science (and engineering), physics, chemistry or a related field
- Outstanding record of peer-reviewed publications
- Experience with teaching MSE courses at the undergraduate and graduate levels
- Excellent oral and written communication skills

Preferred Qualifications

- Demonstrated ability to obtain sustained extramural support for research programs
- Demonstrated ability to conduct and lead collaborative interdisciplinary research in materials science
- Demonstrated ability to work within a research cluster
- Excellence in teaching at the undergraduate and graduate levels
- Proven commitment to working within a diverse environment
- A history of strong extramurally funded research programs

Appointment Terms

This is a full-time (9-month appointment) as Assistant Professor within the Department of MSE. The successful candidate's primary academic appointment will be at the UConn main campus in Storrs, CT, with the possibility of work at UConn's regional campuses across the state. Salary and rank will be commensurate with qualifications and experience.

To Apply

Please submit **online** a **cover letter**; **curriculum vitae**, including a full list of publications; **teaching statement** (teaching philosophy, teaching experience, commitment to effective learning, concepts for new course development, etc.); **research and scholarship statement** (innovative concepts, experience in proposal development, mentorship of post-graduate residents, fellows, and/or graduate students, etc.); and a **commitment to diversity statement** (including broadening participation, integrating multicultural experiences in instruction and research and pedagogical techniques to meet the needs of diverse learning styles, etc.).

Upon request, three letters of reference will be submitted via email to mseinfo@engr.uconn.edu. Subject line: Faculty Search #2018273.

Evaluation of applicants will begin immediately and continue until the position is filled. Employment of the successful candidate will be contingent upon the successful completion of a pre-employment criminal background check. (Search #2018273)

All employees are subject to adherence to the State Code of Ethics, which may be found at http://www.ct.gov/ethics/site/default.asp.

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The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty, and staff. The diversity of students, faculty, and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural, and diverse community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities, and members of traditionally underrepresented populations.

[ADDRESS]
[CITY], [ST] [ZIP]
PHONE [XXX.XXX.XXXX]
FAX [XXX.XXX.XXX]
[email]
www.uconn.edu

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