

Assistant Professor in Chemical Engineering Syracuse University

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Posted Oct. 9, 2024, set to expire Feb. 4, 2025

Job Title	Assistant Professor in Chemical Engineering
Department	Chemical Engineering
Institution	Syracuse University Syracuse, New York
Date Posted	Oct. 9, 2024
Application Deadline	Open until filled
Position Start Date	Aug. 25, 2025
Job Categories	Assistant Professor
Academic Field(s)	Chemical/Petroleum
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Job Description	

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Assistant Professor in Chemical Engineering

Job #: 077990

Location Syracuse, NY

Pay Range: \$105,000 - \$116,699

Hours: Determined by Department Chair

Job Type: Full-time

Job Description:

The Department of Biomedical and Chemical Engineering (BMCE) at Syracuse University (

<http://bmce.syr.edu/>

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) is seeking applicants for multiple tenure-track faculty positions at the Assistant Professor rank.

Applicants should have a Ph.D. in chemical engineering or a closely related discipline. Priority research directions include process systems engineering and machine learning/AI-enabled innovations in chemical engineering, computational modeling of complex systems, advanced materials, electrochemistry, catalysis, and transport processes in complex fluids. Candidates should demonstrate commitments to collaborative, cross-disciplinary research; to excellence in teaching; and to fostering diversity and inclusion. The BMCE Department offers B.S. (ABET-accredited), M.S., and Ph.D. degrees in biomedical engineering and chemical engineering. There are currently 21 full-time faculty members, approximately 200 undergraduate students and 75 graduate students of which 60 are doctoral students. Start date of August 25, 2025.

Qualifications:

Applicants should have a Ph.D. in Chemical Engineering or a closely related discipline.

Job Specific Qualifications:

- Strong Commitment to collaborative, cross disciplinary research is desirable
- Demonstration of past accomplishments toward fostering diversity and building inclusive climate in research and teaching is highly valued

Responsibilities:

- Conduct original research, publish in peer-reviewed journals, present at academic conferences, and contribute to advancing knowledge in their field
- Teach courses, mentor and advise students, and oversee research projects
- Secure external funding through grants to support research activities, including lab operations, graduate student support, and long-term projects
- Foster inclusive climate in research and teaching activities
- Participate in department, college, and university governance, serving on committees, contributing to curriculum development, and supporting student organizations
- Engage with professional societies professional community through outreach and leadership roles

About Syracuse University:

Syracuse University is a private, international research university with distinctive academics, diversely unique offerings, and an undeniable spirit. Located in the geographic heart of New York State, with a global footprint, and over 150 years of history, Syracuse University offers a quintessential college experience.

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The scope of Syracuse University is a testament to its strengths: a pioneering history dating back to 1870; a choice of more than 200 majors, 100 minors, and 200 advanced degree programs offered across the University's 13 schools and colleges; over 15,000 undergraduates and over 6,000 graduate students; more than a quarter of a million alumni in 160 countries; and a student population from all 50 U.S. states and 123 countries. For more information, please visit <http://www.syracuse.edu>.

About the Syracuse area:

Syracuse is a medium-sized city situated in the geographic center of New York State approximately 250 miles northwest of New York City. The metro-area population totals approximately 500,000. The area offers a low cost of living and provides many social, cultural, and recreational options, including parks, museums, festivals, professional regional theater, and premier shopping venues. Syracuse and Central New York present a wide range of seasonal recreation and attractions ranging from water skiing and snow skiing, hiking in the Adirondacks, touring the historic sites, visiting wineries along the Finger Lakes, and biking on trails along the Erie Canal.

Application Deadline:

Full Consideration By:

Open Until Filled: No

Priority Consideration:

To apply, visit <https://www.sujobopps.com/postings/106816>

Syracuse University is an equal-opportunity, affirmative-action institution. The University prohibits discrimination and harassment based on race, color, creed, religion, sex, gender, national origin, citizenship, ethnicity, marital status, age, disability, sexual orientation, gender identity and gender expression, veteran status, or any other status protected by applicable law to the extent prohibited by law. This nondiscrimination policy covers admissions, employment, and access to and treatment in University programs, services, and activities.

Syracuse University has a long history of engaging veterans and the military-connected community through its educational programs, community outreach, and employment programs. After World War II, Syracuse University welcomed more than 10,000 returning veterans to our campus, and those veterans literally transformed Syracuse University into the national research institution it is today. The University's contemporary commitment to veterans builds on this historical legacy, and extends to both class-leading initiatives focused on making an SU degree accessible and affordable to the post-9/11 generation of veterans, and also programs designed to position Syracuse University as the employer of choice for military veterans, members of the Guard and Reserve, and military family members.

Syracuse University maintains an inclusive learning environment in which students, faculty,

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administrators, staff, curriculum, social activities, governance, and all other aspects of campus life reflect a diverse, multi-cultural, and international worldview. The University community recognizes and values the many similarities and differences among individuals and groups. At Syracuse, we are committed to preparing students to understand, live among, appreciate, and work in an inherently diverse country and world made up of people with different ethnic and racial backgrounds, military backgrounds, religious beliefs, socio-economic status, cultural traditions, abilities, sexual orientations and gender identities. To do so, we commit ourselves to promoting a community that celebrates and models the principles of diversity and inclusivity.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Chemical Engineering
Syracuse University

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