

Assistant Professor - Chemical and Biomolecular Engineering

Position Information

Position Information

Working Title Assistant Professor - Chemical and Biomolecular Engineering

Department Chemical & Biomolecular Engineering-1058

Requisition Number F_220220

Posting Open Date 11/11/2022

Application Review Date:
(To ensure consideration,
please submit all
application materials
before review date)
01/03/2023

Posting Close Date

Open Until Filled Yes

Description of Work The Department of Chemical and Biomolecular Engineering at the University of Nebraska-Lincoln (UNL) is seeking to fill a tenure-track faculty position in chemical engineering at the rank of assistant professor.

The Department of Chemical and Biomolecular Engineering has an outstanding infrastructure for conducting research. Additionally, several central research facilities exist in the University of Nebraska-Lincoln, such as the Nebraska Center for Materials and Nanoscience, the Nebraska Nanoengineering Research Facility, the Holland Computing Center, and the Biological Process Development Facility. There are many opportunities for collaborations across the campus, as well as with the University of Nebraska Medical Center; the Center for Brain, Biology, and Behavior; Innovation Campus; and other state and federally funded research centers and programs. The faculty of the department are funded by a variety of state and federal funding agencies including NSF, DOE and NIH. In addition, the recent highly prestigious early-career awards including NSF CAREER, DOE Early Career, and NIH R35 MIRA show the increasing strength of the department's research program.

The UNL College of Engineering is committed to increasing the diversity of its faculty and seeks to attract and retain a high performing and diverse workforce in which employees' differences are respected and valued to better meet the varying needs of the diverse populations we serve. The college fosters a diverse and inclusive work environment that promotes collaboration so that all individuals are able to participate and contribute to their full potential.

As an EO/A employer, the University of Nebraska considers qualified applicants for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <https://www.unl.edu/equity/notice-nondiscrimination>.

Minimum Required Qualifications

- A B.S. in chemical engineering and a Ph.D. in chemical engineering or a related field at the time of appointment.
- A record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education.
- The potential to establish a strong externally funded research program.
- A demonstrated commitment to contributing to a culture that supports diversity and inclusion.

Preferred Qualifications

- Research areas of particular interest include, but are not limited to, artificial intelligence/machine learning applications in chemical engineering, computational quantum modeling, electrocatalysis, and molecular dynamics.

Pre-Placement Driving Record Review Required

Criminal History Background Check Required

No

Posted Salary

How to Apply Click "Apply to this Job" and complete the information form. Attach the following documents:

1. Cover letter.
2. CV.
3. A combined research and teaching statement (4 pages total, a minimum of 1 page for teaching).
4. A diversity statement (1 page).
5. A list of references.

Please combine the statements (items 3 and 4) into a single document and attach as "Other Document."

Any applications that do not follow these guidelines or page limits will not get full consideration.

Applicants are strongly encouraged to review the rubrics used by our search committees to evaluate candidate statements: <https://engineering.unl.edu/candidate-statements/>. After review of applications begins, those with any missing required statement may not be given full consideration.

For questions or accommodations related to this position contact

Rajib Saha
rsaha2@unl.edu

Job Category

Job Category (old) Faculty Tenure/Tenure Leading

Job Type 9 Month

Position funded by grant or other form of temporary funding? No

If Temporary, indicate end date

Planned Hire Date 08/14/2023

Appointment End Date

Supplemental Questions

Required fields are indicated with an asterisk (*).

Required Documents

Required Documents

1. Letter of Interest
2. Curriculum Vitae
3. List of References
4. Other Document

Optional Documents