

Tenure Track Faculty - Biomedical Engineering University of Iowa

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Posted Oct. 29, 2024, set to expire Feb. 28, 2025

Job Title	Tenure Track Faculty - Biomedical Engineering
Department	Biomedical Engineering https://engineering.uiowa.edu/bme
Institution	University of Iowa Iowa City, Iowa
Date Posted	Oct. 29, 2024
Application Deadline	Open until filled
Position Start Date	August 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Bioengineering (all Bio-related fields)
Apply Online Here	https://jobs.uiowa.edu/faculty/view/75423

Apply By Email

Job Description

The [Roy J. Carver Department of Biomedical Engineering](https://bme.engineering.uiowa.edu/) at The University of Iowa (<https://bme.engineering.uiowa.edu/>) invites applications for a full-time tenure-track faculty appointment with an anticipated start date of August 2025. All ranks will be considered, and exceptional candidates at the rank of Full Professor will be considered for appointment as the Roy J. Carver Professor in Biomedical Engineering, an endowed professorship. Review of applications will begin on November 1, 2024; however, applications will be accepted until February 1, 2025.

Our department seeks visionary individuals who are integrating engineering, the biological sciences, and translational medicine to promote scientific discovery and the development of clinical technologies

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that advance healthcare. We aim to enhance the department's integrative research and educational programs by hiring a core faculty member with expertise in the areas of respiratory and pulmonary biomedical engineering.

The Roy J. Carver Department of Biomedical Engineering at the University of Iowa is experiencing a period of unprecedented growth. A recent philanthropic gift to the department from the Roy J. Carver Charitable Trust has provided resources to hire several new faculty, rapidly increase the size of the doctoral program, and develop new research foci in the areas of respiratory and pulmonary biomedical engineering (broadly defined). Department offices are located in a new, state-of-the-art, 65,000 square foot annex connected to the Seamans Center for the Engineering Arts and Sciences, which is located centrally on campus and is close to the Carver College of Medicine, University of Iowa Hospitals & Clinics, and the Colleges of Dentistry, Nursing, Pharmacy, and Public Health.

The successful candidate will have a Ph.D. or equivalent in biomedical engineering or a related discipline and should demonstrate potential for (Assistant Professor rank) or a strong track record of (Associate or Full Professor ranks) extramural funding. The successful candidate is expected to develop an internationally recognized research program that includes respiratory and pulmonary biomedical engineering, to participate in the teaching and service missions of the department, and to follow the University of Iowa's strong tradition of collaboration across disciplines. The ideal candidate will demonstrate excellent communication, teaching, and leadership skills to the benefit of our department's [mission](#). A strong commitment to graduate and undergraduate teaching, advising, and student success is essential. Teaching responsibilities include participation in and development of both undergraduate and graduate courses, and strong engagement in a core curriculum that serves to define biomedical engineering for future generations. Supervision of doctoral students and academic advising of trainees at all levels is also expected.

The College of Engineering has an established international reputation for biomedical research led by four of its research units: the [Center for Bioinformatics and Computational Biology](#), the [Iowa Institute for Biomedical Imaging](#), the [Iowa Technology Institute](#), and [IHR—Hydroscience & Engineering](#). These centers help fuel a highly interdisciplinary research enterprise across campus that includes the [Carver College of Medicine](#). The Carver College of Medicine is highly ranked among public medical schools in NIH dollars and NIH grants per faculty member, with over 250 faculty laboratories in 12 dedicated buildings including 450,000 square feet of wet lab bench space. The opportunities to impact both fundamental and translational biomedical research as a faculty member in biomedical engineering at the University of Iowa are many.

At the University of Iowa, we are dedicated to fostering a welcoming and inclusive campus culture so that all community members can unlock their own potential. Faculty members in the College of

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Engineering contribute to this mission by designing curricula, research programs, and engagement opportunities that advance understanding of how engineering can positively impact society and emphasize the value of global citizenship. We are committed to recruiting and retaining the most talented and diverse faculty and staff. We provide numerous opportunities for professional growth and personal development, encouraging employees to “[Build a Career | Build a Life.](#)” [Iowa City](#) is one of the most livable cities in America with a moderate cost of living, nationally ranked public schools and healthcare facilities, numerous recreation and leisure options, and diverse cultural and employment opportunities.

Candidates must submit a letter of interest, a curriculum vitae, a teaching statement, a research statement, and a [broader impacts](#) statement. An application that does not include all of these required elements will be considered incomplete. Please address all required and desirable qualifications in your application materials. References will be requested at a later date.

Successful candidates will be required to self-disclose any misconduct history or pending research misconduct investigation including but not limited to sexual misconduct in prior employment and provide a related release and will be subject to a criminal background and credential check.

Preliminary inquiries for additional information are encouraged. Further inquiries regarding this position can be sent to the attention of Search Committee Chair via: kristan-worthington@uiowa.edu

EEO/AA Policy

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, religion, national origin, age, sex, pregnancy (including childbirth and related conditions), disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, or associational preferences.

Contact Information

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

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Contact

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