The Department of Bioengineering at the University of Illinois Urbana-Champaign (UIUC) invites applications for full-time faculty members in broadly defined areas that relate to neural engineering or biomedical image computing. However, exceptional applicants in all subfields of bioengineering will be considered, including new and emerging areas such as microbial systems, synthetic biology, immunoengineering, medical robotics, and cellular and gene therapies. We seek faculty who can contribute to the diversity and excellence in our programs and courses through their research, teaching, and service. The search is open rank and candidates at all levels are encouraged to apply. The Department of Bioengineering is committed to building a culturally and intellectually diverse educational environment, with a focus on diversifying the faculty.

The University of Illinois is an Equal Opportunity, Affirmative Action employer that recruits and hires qualified candidates without regard to race, color, religion, sex, sexual orientation, gender identity, age, national origin, disability or veteran status. For more information, visit go.illinois.edu/EEO. To learn more about the University commitment to diversity, please visit grainger.illinois.edu/about/diversity.

Neural engineering is a strategic growth area in the department. An innovative new Bioengineering B.S. degree program in neural engineering is being launched in Fall 2023. The new program combines bioengineering and neuroscience, leveraging campus strengths across diverse topics from molecular engineering through imaging. Additionally, there have been significant recent investments in fundamental neuroimaging technology, including a new human 7 T MRI system and ultra-high field animal MRI, as well as translational research on campus and with our clinical partners. To support this growth, applications from exceptional faculty members with expertise in any subfield of neural engineering are sought.

Biomedical image computing is another strategic area for immediate growth in the department. This area includes a variety of topics that involve a synergy of computing and biomedical imaging. Examples of research in this area include the development and/or translation of artificial intelligence and machine learning methods and other topics related to computational image science. Bioengineering recently created a new M.S. degree in biomedical image computing that will launch in Fall 2022. There is a strong heritage of outstanding biomedical imaging and computational science research at UIUC, and we are seeking applications from individuals who are eager to engage with this collaborative community.

The Department of Bioengineering at UIUC is undergoing substantial growth in its educational and research programs. With the opening of state-of-the-art research and teaching facilities and the launch of our new engineering-driven Carle-Illinois College of Medicine, the Department of Bioengineering is positioned to impact fundamental and translational research as well as the integration of engineering and medical education.
The University of Illinois Urbana-Champaign is an internationally top-ranked research institution. Our interdisciplinary and collegial academic community encourages innovative interdisciplinary research programs that may involve partnerships with the Beckman Institute for Advanced Science and Technology, the Carl R. Woese Institute for Genomic Biology, the National Center for Supercomputing Applications, the Holonyak Micro and Nanotechnology Laboratory, the Data Sciences Institute, the Carver Biotechnology Center, two new national AI institutes, and many other research centers, clinical sites, and educational programs on our campus. A successful candidate is expected to possess a demonstrated track record of productivity and experience in research and interdisciplinary collaboration. Minimum qualifications include a doctorate in bioengineering or relevant STEM disciplines and the ability to contribute to our educational programs.

Candidates are expected to demonstrate a commitment to diversity, equity, and inclusion through research, teaching, and/or service. Rank and salary will be commensurate with qualifications. Start date is expected in the Fall of 2022; however, this is negotiable.

A qualified senior candidate may also be considered for an endowed tenured Full or Associate Professor position as part of the Grainger Engineering Breakthroughs Initiative, a program with multiple named professorships and chairs in areas of strategic interest. Such areas include, but are not limited to, bioengineering, big data, quantum information, robotics, and machine learning. More information about the Grainger Initiative can be found at grainger.illinois.edu/research/grainger-breakthroughs. If interested in being considered for the Grainger Engineering Breakthroughs Initiative opportunity, the candidate should explicitly refer to "Grainger Initiative" in the cover letter.

Applications should be submitted by visiting bioengineering.illinois.edu/about/employment and uploading in one PDF file: 1) a cover letter with current contact information including an email address, 2) a curriculum vitae, 3) a statement of previous research accomplishments and future research plans, 4) a statement of teaching goals, 5) a statement on commitment to diversity, and 6) the names and contact information of three or more references. The statement on diversity should address past and/or potential contributions to diversity, equity, and inclusion through research, teaching, and/or service.

To ensure full consideration, applications must be received by **January 10, 2022**. Applications will be accepted until the position is filled. Early applications are strongly encouraged as interviews may take place during the application period, but a decision will not be made until after the closing date.

For further information contact Amy Meharry at amy@illinois.edu or 217-300-6905, or write to:

Bioengineering Search Committee  
Department of Bioengineering  
University of Illinois Urbana-Champaign  
1102 Everitt Laboratory, MC-278  
1406 West Green Street,  
Urbana, IL 61801
The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. Convictions are not a bar to employment. The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit "Policy on Consideration of Sexual Misconduct in Prior Employment".

As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility. The University of Illinois must also comply with applicable federal export control laws and regulations and, as such, reserves the right to employ restricted party screening procedures for applicants.

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (provost.illinois.edu/faculty-affairs/work-life-balance).

University of Illinois faculty, staff and students are required to be fully vaccinated against COVID-19. If you are not able to receive the vaccine for medical or religious reasons, you may seek approval for an exemption in accordance with applicable University processes.