The Department of Biomedical Engineering at the University of Minnesota-Twin Cities Campus invites applications and nominations for full-time tenure-track or tenured positions in the area of **robotics** (broadly defined), including but not limited to

- neural robotics, brain-machine interfaces, neuroprostheses and associated sensing techniques, closed-loop controls, electrodes and circuits; and
- cellular and molecular machines, robotics that enable genetic programming and cell sensing, and high-throughput parallelization of robotic systems that interface with biological systems.

A major emphasis is on developing robotic techniques and instrumentation motivated by solving problems in biomedicine. Rank will depend upon the qualifications and experience of the candidate.

**Required/Preferred Qualifications**

Candidates must have a doctorate degree in biomedical engineering or a related field of science or engineering at the time of the appointment and outstanding academic and research records. Exceptional candidates at all ranks will be considered.

**Duties/Responsibilities**

The candidate must have a strong commitment to excellence in teaching undergraduate and graduate students, especially advising Ph.D. students, as well as in research. She/he is also expected to leverage excellent opportunities for interaction with medical school faculty located in the adjacent Academic Health Center and with the numerous medical device companies around the Twin Cities. Information about the BME department can be found at bme.umn.edu.

**Application Instructions**

Applications must be completed online via the University's Employment System. There are two separate postings for this position. Applicants must select and apply for ONE of the following:

- **Associate or Full Professor - Tenured** - For applicants who wish to be considered for a tenured/senior faculty position. [http://employment.umn.edu/applicants/Central?quickFind=125002](http://employment.umn.edu/applicants/Central?quickFind=125002)

- **Assistant or Associate Professor - Tenure-Track** - For applicants who wish to be considered for a tenure-track/junior faculty position. [http://employment.umn.edu/applicants/Central?quickFind=125005](http://employment.umn.edu/applicants/Central?quickFind=125005)

To begin the application, follow the appropriate link above and click the APPLY FOR THIS POSTING button. Applications must include a letter of intent, a CV with a list of publications, complete contact information for at least three references, and a statement of teaching and research interests. At least one proposed project should be presented in detail for the committee to assess merit and feasibility.

A position is available for immediate occupancy. Applications should be received by **November 15, 2014**, to receive full consideration. Review of applications will continue until positions are filled. Questions regarding the search may be directed to bmefs@umn.edu.

The University of Minnesota is an equal opportunity educator and employer.