

Tenure-Track Assistant/Associate/Full Professors in Biomedical Engineering
Department of Biological Systems Engineering
University of Nebraska-Lincoln

The Biological Systems Engineering Department (bse.unl.edu) at the University of Nebraska-Lincoln (UNL) invites applications for one or more tenure-track faculty positions at any rank in the field of Biomedical Engineering.

The UNL College of Engineering is undergoing an exciting period of significant growth, related in part to the University joining the Big Ten Conference in 2011. The College anticipates hiring 100 new faculty in the next five years. An allocation of \$2.5 million has been authorized for new faculty hires to start in Fall 2015, and this level of funding is expected to continue for several years. A major focus of the College's teaching, research and outreach enterprise in the coming decade will be on strengthening collaborations and partnerships with the University of Nebraska Medical Center and Creighton University Medical Center, both located in Omaha, and Madonna Rehabilitation Hospital in Lincoln. Consequently, the College is seeking to hire a multidisciplinary group of faculty that have complementary expertise related to Biomedical Engineering.

The Biological Systems Engineering Department currently has biomedical expertise in a variety of areas including biomaterials, tissue engineering, imaging (Magnetic Resonance Imaging, hyperspectral, and ultrasound), and gene delivery and aims to build upon this foundation.

Applicants are expected to have a Ph.D. in Biomedical Engineering, Biological Engineering, or a closely related field. Applicants should have a record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education. Candidates at the assistant professor level must have the potential to establish a strong externally funded research program, while candidates for positions at higher ranks are expected to have a history of funded research and a strong international reputation. Research areas of particular interest include:

- Biomaterials and biomimetics
- Imaging and diagnostics
- Physiological systems engineering
- Ergonomics and rehabilitation

Opportunities for collaborations across the University of Nebraska include the University of Nebraska Medical Center, Nebraska Innovation Campus, and other state- and federally-funded research centers and programs. An outstanding infrastructure exists for conducting research, including central facilities housing state-of-the-art instrumentation within the Nebraska Center for Materials and Nanoscience, Nebraska Center for Biotechnology, the Nebraska Athletics Performance Laboratory, the Center for Brain, Biology, and Behavior, and the Nebraska Nanoengineering Research Facility.

Applications must be submitted via <http://employment.unl.edu> (requisition #F_140168). Complete applications will include a cover letter, curriculum vitae, research and teaching statements (a maximum of 4 pages), and a list of three references. Review of applications will begin December 1, 2014, and continue until the positions are filled. Inquiries regarding this search may be addressed to: Dr. Angela Pannier, Chair of the Faculty Search Committee, apannier2@unl.edu, (402) 472-0896.

The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.