

Tenure-Track Assistant/Associate/Full Professors in Manufacturing
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 area of Manufacturing of Food or of Manufacturing Equipment, Devices, and Components in support of the food industry.

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 the three major industries of the state of Nebraska: manufacture of food, manufacture of civil infrastructure, and manufacture of equipment, devices and components. Consequently the College is seeking to hire a multidisciplinary group of faculty that have complementary expertise related to these manufacturing foci, including but not limited to: dynamics and controls; robotics and automation; materials science; sensors and sensor development; telecommunications to interface between sensors and computers; big data for real time monitoring and control; computational modeling; and systems and industrial engineering.

The Biological Systems Engineering Department has extensive experience in food and bioproducts engineering, agricultural machinery, and sensors and instrumentation and seeks to build on this expertise to support the College of Engineering mission in food manufacturing. We seek candidates that can develop an outstanding program in areas including, but not limited to: 1) sensors involved in food manufacturing for monitoring food quality and safety, 2) next generation processing technologies, 3) sanitary design of equipment and new materials, and 4) systems modeling for design of processes and food.

Applicants are expected to have a Ph.D. in Agricultural Engineering, Biological Engineering, Food Engineering, or a 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. Preferred experience includes a background in manufacturing of food and/or equipment utilized in the production of food. Candidates with extensive industrial experience are encouraged to apply.

Applications must be submitted via <http://employment.unl.edu> (requisition #F_140165). 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 position is filled. Inquiries regarding this search may be addressed to: Dr. Curt Weller, Chair of the Faculty Search Committee, cweller1@unl.edu , (402) 472-9337.

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