The Institute of Agriculture and Natural Resources at the University of Nebraska is accepting applications for a Plant Quantitative/Statistical Genomicist with an 80% research and a 20% teaching appointment. This will be a nine-month, tenure-leading faculty position at the Assistant/Associate rank in the Department of Agronomy and Horticulture in Lincoln, Nebraska. Rank and tenure will be based on experience and credentials of the successful applicant. Focus of the position will be on bridging the genotype to phenotype gap with a transdisciplinary research and teaching approach.

Research responsibilities will be vital to IANR’s newly established Consortium for Integrated Translational Biology (C-ITB), whose mission is to develop computational models linking and integrating data sets derived from various ‘omics’ platforms with observable and genetically caused changes in plant growth and development. The incumbent is expected to contribute towards the University’s goal to increase research expenditures from $191.3 million to $300 million, through incorporating “big data” computation as a means to establish a dynamic research environment.

Teaching responsibilities will include providing information and instruction to graduate and undergraduate and/or non-traditional learners, to become discipline based, while providing individuals with information related to underlying genetics governing seed traits of interest to producers.

Additionally, the incumbent will seek and establish effective disciplinary and transdisciplinary collaborations including effective integration with research groups and educational programming. Connect with stakeholders, agency and/or industry partners to strengthen research/educational programming. Effectively obtain and leverage external and internal support (grants, fee revenue, etc.) for research/teaching programming. Mentor graduate students and postdoctoral associates. Publish in high-quality, high-impact peer-reviewed journals, and participate in scientific meetings and other appropriate professional activities. Translate research-based information into learner-centered products. This includes creating scholarly, innovative, and high impact learning programs and tools. Identify issues and opportunities focused on learner needs and emerging regional and national issues with international relevance. Measure the impact of your programs and communicate results to administrators, stakeholders, users, and media. Mentor colleagues through their professional development. The potential or ability to secure extramural funding is required.

Candidate must have a Ph.D. degree in place by date of hire in Genetics, Plant Breeding, Biology, or closely related field, with appropriate documented research experience in plant genomics. Post-doctoral experience is preferred. Additionally, demonstrated research and teaching experience in Plant Quantitative Genetics/Statistical Genomics is desirable; evidence of a strong publication and grant record; excellent communication skills; experience working in multi-disciplinary teams; and potential for growth into a leadership role are preferred qualifications for this position.

To review the complete position details and to apply for this position, go to: http://employment.unl.edu, search for requisition number F_150263. Click on “Apply to this Job.” Attach a cover letter, an overview of research and extension experience and interests, and a curriculum vitae. Arrange for 3 letters of reference to be sent via e-mail to: kdanforth2@unl.edu. Review of applications will begin on March 17, 2016, and continue until the position is filled or the search is closed.

The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers. See http://www.unl.edu/equity/notice-nondiscrimination.
The Institute of Agriculture and Natural Resources (established in 1973 by the Nebraska State Legislature to give added emphasis to agriculture and the management of natural resources in Nebraska) serves the people of Nebraska in the four-fold mission of teaching, research, extension and service. Commonly referred to as “IANR,” the Institute is administered by the Vice Chancellor for Agriculture and Natural Resources and has faculty and staff located throughout the State. IANR faculty and staff have appointments in the following divisions: Agricultural Research Division, College of Agricultural Sciences and Natural Resources, College of Education and Human Sciences (research and extension), and Cooperative Extension Division. Each division is administered by a Dean or Director. The Institute comprises 15 academic units, four regional research and extension centers, several interdisciplinary centers and program units. The IANR Vice Chancellor holds the Vice President title in the University of Nebraska system and is also administratively responsible for the Nebraska College of Technical Agriculture at Curtis. Visit the IANR web site at www.ianr.unl.edu.

LINCOLN, NEBRASKA, “THE STAR CITY” – A PLACE TO WORK AND ENJOY LIFE

Lincoln, Nebraska, a community of more than 250,000 people, offers the ambience of a friendly small town while offering attractions and entertainment opportunities of a metropolitan area. Lincoln is a young city with a bright future of planned growth and expansion. It is one of the fastest growing non-Sun Belt cities in the U.S. and one of the fastest growing metro areas in the Midwest.

The capital city of Nebraska, Lincoln is home to state government and the flagship campus of the University of Nebraska system. The city also hosts Nebraska Wesleyan University, Union College, Southeast Community College, Doane College-Lincoln and the Kaplan University Lincoln Campus. Lincoln has an excellent educational system and ranks in the top 20 least stressful cities in the nation for children. Residents enjoy nationally ranked sporting events, world famous performing arts, and a variety of cultural activities. Among the attractions: the 2,200-seat Lied Center for Performing Arts, the Sheldon Memorial Art Gallery and Sculpture Garden, four history museums, a planetarium, observatory, many private art galleries, four live-stage theater venues, a civic auditorium, Memorial Stadium with more than 90,000 seats, the renovated Devaney Center that serves as the home for Husker volleyball, modern baseball/softball stadium facilities, and the new soccer facility. The Pinnacle Bank Arena development in the Haymarket serves as a focal point for the entertainment district in downtown Lincoln since its completion in Fall 2013.

Cost-of-living ranks 3 to 5 percent below the national average of comparable cities with among the nation’s lowest health care costs, utility bills and insurance rates. Lincoln’s low crime rate, efficient transportation, stable business environment and advanced health care technology are a few reasons why Lincoln ranks high in livability studies.

You are invited to explore Lincoln on-line for the most current information.

www.unl.edu University of Nebraska-Lincoln homepage
www.nebraska.edu Web site for the University of Nebraska four-campus system
www.lpmd.com The Lincoln Partnership for Economic Development offers extensive information on demographics, education, health care, cost of living and tax structures.
www.lcoc.com The Lincoln Chamber of Commerce offers business and community information and a relocation directory.
www.lincoln.org The Lincoln/Lancaster County Convention and Visitors Bureau offers information on attractions, entertainment, recreation, dining, shopping and transportation.
www.state.ne.us The official web site of Nebraska State Government
www.ci.lincoln.ne.us The official site of Lincoln City Government