

AUGUST 7, 2009

**POSITION:** MOLECULAR ARTHROPOD/HOST INTERACTIONS – ASSISTANT PROFESSOR

The University of Nebraska-Lincoln (UNL), through the Institute of Agriculture and Natural Resources, seeks applications to fill a 9-month, tenure-track research (80%) and teaching (20%) position at the Assistant Professor rank in the Department of Entomology. An individual with expertise and interests in arthropod-host interactions at the molecular level is sought. The successful candidate will be expected to develop a nationally recognized program in stress biology emphasizing the molecular basis of arthropod interactions with plant or animal hosts. Collaboration with relevant faculty across the university to expand and strengthen the molecular life sciences is expected.

**DESCRIPTION:** Research: The successful candidate will be expected to develop a nationally recognized research program as evidenced by publication of results in peer reviewed journals, competitiveness for external funding, and recruitment and successful supervision of graduate students. Applicants should be well versed in one or more of these areas: molecular biology, functional or structural genomics, and insect biochemistry related to signaling pathways modulating responses to biotic or abiotic stressors.

Teaching: Teaching responsibilities include a strong commitment to undergraduate and graduate teaching, teaching insect physiology or one or more classes in the area of specialization, participation in graduate seminars, and contributing to curriculum development in Entomology. Opportunities exist for engaging in undergraduate research and mentoring, distance education, and outreach to public or K-12 audiences. There is an expectation that all faculty will participate in student recruitment activities.

**QUALIFICATIONS:** PhD in Entomology or related field with emphasis in the molecular investigations of arthropod interactions with plant or animal hosts as it relates to stress biology required. Should show experience and commitment to research and teaching, have strong communication skills, ability to bring in extramural funding, and an interest and desire to work cooperatively on multi-disciplinary projects.

**SALARY/BENEFITS:** Salary is competitive and commensurate with qualifications and experience. The University of Nebraska offers a benefits package that makes available group life, health, and disability insurance and family coverage programs to the employee; TIAA/CREF and/or Fidelity Investment Fund retirement plans; excellent vacation and sick leave plans; and staff and dependent tuition remission.

**APPLICATION:** Go to <http://employment.unl.edu>. Search for requisition #090448. Complete the faculty/academic administrative information form. Attach a letter of application and curriculum vitae. In the 'other' category include two personal statements - one describing your research focus/interest and one describing your teaching expertise/experience. Arrange for three letters of reference to be emailed by September 28, 2009, to: Marilyn Weidner, [mweidner1@unl.edu](mailto:mweidner1@unl.edu). For questions about the position contact the Search Co-Chairs, Dr. Blair Siegfried, 202 Entomology Hall, Lincoln, NE 68583, 402-472-8714, [bsiegfried1@unl.edu](mailto:bsiegfried1@unl.edu) or Dr. Tiffany Heng-Moss, 202 Entomology Hall, Lincoln, NE 68583, 402-472-8708, [thengmoss2@unl.edu](mailto:thengmoss2@unl.edu). Screening of applicants will begin on September 28, 2009, and continue until the position has been filled or the search is closed.

*The University of Nebraska has an active National Science Foundation ADVANCE gender equity program and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers. It is the policy of the University of Nebraska-Lincoln not to discriminate based on gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation. AA/EEO details may be secured by contacting 128 Canfield Administration Building, P.O. Box 880437, Lincoln, NE 68588-0437, or by telephoning 402-472-3417. Employment eligibility verification is required for all new hires pursuant to the Immigration and Control Act of 1986.*

### **Department of Entomology**

The Department of Entomology ([www.entomology.unl.edu](http://www.entomology.unl.edu)) currently includes 14 on-campus faculty members with joint appointments among extension, research, and/or teaching and 1 faculty member at an off-campus Research and Extension Center, with a joint extension and research appointment, 2 senior research associates, 2 post-doctoral research associates, 16 support staff, 29 on-campus graduate students, over 80 M.S. distance education students, and 19 undergraduate students majoring or minoring in Insect Science. The Department of Entomology is the only program in the state of Nebraska dedicated to providing entomological education and developing and delivering new knowledge on entomological issues facing the state, region, and nation. The Department has a long history of serving both science and clientele, and within the limits of our resources, we strive to find a balanced approach to serve both science and society. Research focus areas include: characterizing plant stress from insects and other stressors, basic research in insect science, pest management strategies for diverse animals and plant production systems, insect resistance management strategies, systematics and biodiversity, and urban integrated pest management. The Department offers the Bachelor of Science, Masters of Science (thesis and non-thesis options), and Doctor of Philosophy. Extension education programs focus on integrated crop management, natural resources and environmental management community and residential environment, and integrated animal systems management. Faculty, staff, undergraduate and graduate students are involved in a variety of outreach activities (e.g., *Experience the Power of Bugs*, Our Zoo to YOU, Early Awareness, workshops for K-12 educators).

### ***Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln***

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 **UNL Extension**. Each division is administered by a Dean or Director. The Institute is comprised of 15 academic departments, 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](http://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, Southeast Community College, Doane College-Lincoln and the Lincoln School of Commerce. 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, the 82,000 seat Memorial Stadium, 14,400 seat Devaney Center, and baseball stadium facilities.

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.

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