

05/30/2018

Post-Doc Research Associate in Applied Soil Chemistry

Department of Agronomy and Horticulture

The University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources invites applications for a Post-Doctoral Research Associate in the Applied Soil Chemistry group of Dr. Kaiser with focus on clarifying effects of soil parent material, as well as land use and soil management (e.g. organic soil additives, cover crops, grazing, and vegetation change) on soil aggregate formation and organic matter characteristics in topsoils and subsoils.

The successful candidate is expected to plan and conduct experiments that focus on soil organic matter fractionation and decomposition, as well as on soil aggregation; to take soil samples in the field; to process soil samples; to characterize soil and organic matter samples using spectrometric, isotopic, and microscopic techniques; to evaluate statistically soil data; to mentor undergraduate and graduate students; to provide support in the setup of the soil chemical laboratory; to present data at scientific meetings; and to publish data in peer reviewed international journals.

Applicants are required to have a PhD in soil science, soil chemistry, biogeochemistry, organic geochemistry or a related field and experience in manuscript preparation and publication in peer-reviewed journals. In addition, the position requires an organized, creative individual who is personable and enthusiastic about working in a collaborative group environment. In relation to the outlined main areas of research focus, experience in soil organic matter fractionation; conducting soil micro- and mesocosm experiments; statistical evaluation of soil data; conducting meta-analyses; and working with isotopic, microscopic, and spectroscopic techniques are highly preferred. The Post-Doc should be comfortable in training and mentoring graduate and undergraduate students.

To view details of the position and make application, go to <http://employment.unl.edu>, requisition F_180061. Click "Apply to this Job" and complete the information form. Attach a letter of interest, curriculum vitae, contact information for three professional references, and two representative manuscripts. Review of applications will begin July 2, 2018 and continue until the position is filled or the search is closed.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <http://www.unl.edu/equity/notice-nondiscrimination>.

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 AIANR, 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 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.

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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 Hamilton College-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, the 82,000 seat Memorial Stadium, 14,400 seat Devaney Center and new baseball/softball stadium facilities.

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www.unl.edu

University of Nebraska-Lincoln homepage

www.nebraska.edu

Web site for the University of Nebraska four-campus system

www.lped.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

The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the needs of dual career couples. We assure accommodation under the Americans with Disabilities Act; contact Mark Lagrimini at mlagrimini2@unl.edu for assistance. 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 the Office of Equity, Access and Diversity Programs, 128 Canfield Administration Building, P. O. Box 88043, UNL, Lincoln, NE 68588-0747, or by phoning 402-472-3417. Employment eligibility verification is required for all new hires pursuant to the Immigration and Control Act of 1986.