

## **GRADUATE RESEARCH ASSISTANTSHIP**

The University of Nebraska-Lincoln (UNL) invites applications for a PhD graduate research assistantship. This assistantship is available in the Applied Soil Chemistry group of Dr. Kaiser. The group mainly focuses 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. For this, soil samples from laboratory and field experiments as well as from study sites characterized by different types of soil and vegetation cover will be analyzed by fractionation methods as well as by spectroscopic, microscopic and isotopic techniques. One of the long-term goals is the development of sustainable management options that enhance and maintain soil carbon storage while ensuring resource efficient crop production.

Interested applicants should contact Dr. Michael Kaiser, [mkaiser6@unl.edu](mailto:mkaiser6@unl.edu), for more information.

Qualifications: Applicants should have an M.S. in soil science, soil chemistry, biogeochemistry, organic geochemistry, or another related field of study. The student should possess strong skills in soil chemical laboratory work and data analysis including statistics as well as excellent writing and communication skills. The successful candidate should be organized, creative, and highly motivated and passionate about working in a collaborative group environment. Interested candidates should send a single pdf file containing the following to Dr. Michael Kaiser ([mkaiser6@unl.edu](mailto:mkaiser6@unl.edu)): (i) a cover letter, (ii) curriculum vitae, and (iii) list of three references including names, email addresses, and telephone numbers. Applications will be reviewed beginning June 01, 2019 and continue until the position is filled or the search is closed. Anticipated start for the position is Fall 2019.

The qualifying degree must be completed before the GRA start date.

### Graduate Research Assistantship Stipend:

Ph.D. Student: Annual Basis - \$26,496

Tuition Waiver: A tuition waiver of up to 12 credit hours per semester and 12 credit hours during summer sessions is provided with the GRA.

Health Insurance: Students on assistantships are provided health insurance at a reduced rate.

GRA Availability: January 1, 2019

Application: Formal application for graduate studies is required. Follow the admission instructions at: <http://agronomy.unl.edu/futuregraduate>

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