

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN



Ph.D. Graduate Research Assistantship

A fully funded Ph.D. position focusing on nutrient management, water quality, and greenhouse gas emissions is available in the Department of Crop Sciences at the University of Illinois.

This position will evaluate the agronomic and environmental impacts of improved nutrient management practices, cover crops, and bioreactors at a newly established, replicated tile-drainage experiment which aims to serve as a sustainable intensification research platform for corn production in Illinois. Fertilizer use efficiency, soil N dynamics, tile-drainage N and P losses, and soil nitrous oxide emissions will be monitored to gain a holistic understanding of cropping system performance.

Applicants should be motivated and self-directed with an MS in agronomy, soil science, agricultural engineering, or a closely related field. Prior field research experience is desirable and preference will be given to candidates with a demonstrated ability to conduct independent research and synthesize findings in peer-reviewed publications. This is a multidisciplinary project requiring effective teamwork and coordination, thus strong written and oral communication skills are essential.

This position will be co-advised by Cameron Pittelkow and Laura Christianson. To apply, please send a CV and one-page cover letter including a brief description of your relevant skills and experience in a single pdf file to cmpitt@illinois.edu and lechris@illinois.edu. The anticipated start date for this position is sometime between January and August 2017 with some flexibility.

More information on the Department of Crop Sciences is available at <http://cropsci.illinois.edu/>

More information on the Pittelkow Lab is available at <http://pittelkow.cropsci.illinois.edu/>

More information on the Christianson Lab is available at <http://draindrop.cropsci.illinois.edu/>

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as a qualified individual with a disability, or criminal conviction history. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).