POSITION ANNOUNCEMENT

Classification Group Title: Postdoctoral Fellow
Position Title: Postdoctoral Fellow
Location: Twin Falls
Division/College: Agricultural and Life Sciences
Department: Plant, Soil and Entomological Sciences
FLSA Status: Overtime Exempt
Employee Category: Exempt
Pay Range: $15.47 - $20.20/hr; $32,177.60 - $42,016.00
Salary Grade: EX
Type of Appointment: Fiscal Year
FTE: 1.0
Full Time/Part Time Funding: Full Time. This position is contingent upon the continuation of work and/or funding.

Position Responsibilities:
Position Summary:
The incumbent will be responsible for conducting both established and creating new protocols for monitoring and predicting nitrogen mineralization related to dairy manure applications to calcareous Idaho soils. The individual will be responsible for continuing intensive monitoring of nitrogen mineralization in situ using the buried bag method for a long-term dairy manure application field trial study. The incumbent will also work with the PIs to develop other studies to monitor nitrogen mineralization patterns, which may include additional buried bag studies on other field sites, lab incubation studies, column leaching studies, and inclusion of additional quick-tests that are currently being evaluated for predicting nitrogen mineralization. Responsibilities include hand digging soil cores, installing buried bags, potassium chloride extractions, flow injection analysis for nitrate and ammonium, supervision of temporary help, designing experimental procedures, data analysis, and preparation of manuscripts for publication. The scientist will be under direction of UI faculty and will be expected to work in collaboration with other scientists, scientific aides, research staff, and graduate student(s) in the program.

Responsibilities:
Job Duty Function: Research

Job Duties/Responsibilities:
* Working with the PI and Scientific Aides to refine experimental objectives, research plans, and experimental designs.
* Conducting independent, collaborative, and supervised research to evaluate a variety of field and laboratory methods for monitoring and predicting nitrogen mineralization patterns related to dairy manure applications.
* Preparing data for publication in competitive research journals.

Job Duty Function: Presentation of Research Results

Job Duties/Responsibilities:
* Preparing data for presentation; presenting results at scientific meetings.

Job Duty Function: Supervision
Job Duties/Responsibilities: * Supervision of irregular help as needed for the complete of project goals.

Job Duty Function: Other Support

Job Duties/Responsibilities: * Attending unit laboratory meetings.
* Maintaining a safe and orderly research environment, both in the laboratory and in the field.

Minimum Qualifications: * Education: Ph.D. degree in Soil Science, Agronomy, Environmental Science, or closely related field, with an emphasis on nutrient transformations.
* Research Experience: Experience/familiarity with conducting nutrient management and/or nutrient transformation research in both field and lab environments.
* Ability to publish research journal articles related to research efforts in a timely manner.
* Demonstrated oral and written communication skills
* Demonstrated ability to work independently and with a group.

Preferred Qualifications: * Experience/familiarity with techniques used to monitor and estimate nitrogen mineralization patterns in a soil environment.
* Experience working with analytical equipment for determination of nitrogen compounds in soils, manures, and waters.
* Strong statistical background.

Physical Requirements & Working Conditions: * Ability to lift 50 pounds.
* Ability to work outside for long periods of time under inclement weather conditions.

Posting Information:
Posting Number: SP000266P
Posting Date: 10/23/2014
Closing Date: 11/28/2014
Open Until Filled: No

Special Instructions to Applicants:

Background Check Statement: Applicants who are selected as final possible candidates must be able to pass a criminal background check.

EEO Statement: The University of Idaho is an equal opportunity and affirmative action employer. It is the policy of the regents that equal opportunity be afforded in education and employment to qualified persons regardless of race, color, national origin, religion, sex, age, disability, or status as a disabled veteran or Vietnam-era veteran. It is also the policy of the University of Idaho to not discriminate based on sexual orientation.