

Sent: Thursday, March 5, 2020 9:29 AM
To: Burnett, John M [NREM] <jburnett@iastate.edu>
Subject: student employment opportunity

John,

I am contacting you regarding a student employment opportunity. I am an Agricultural Science Research Technician at the USDA National Laboratory for Agriculture and the Environment (NLAE) located on the ISU campus. The watershed monitoring group is currently seeking to fill 2 student positions with a target start date at the end of the spring semester or sooner. The positions are currently posted on the Student Job Board on AccessPlus under "Lab/Research", but I've also posted the information below.

Could you please forward this to students in NREM or other departments that may potentially have interest?

Thanks!

Kelly Barnett
Agricultural Science Research Technician
USDA-ARS
National Laboratory for Agriculture and the Environment
1015 N. University Blvd.
Ames, IA 50011
☎ (515) 294-3762
✉ kelly.barnett@usda.gov



Job Title: Student Research Aide
Category: Lab / Research
Job Location: On Campus

Job Description: Assist USDA Research Scientists and Technicians with data management and field aspects of watershed monitoring projects at the National Laboratory for Agriculture and the Environment (NLAE) located on the ISU campus: <https://www.ars.usda.gov/midwest-area/ames/nlae>

Work is performed in both laboratory and field setting year-round.

Duties include:

- sample and data collection from field sites
- conducting water flow measurements

- maintaining water monitoring stations and other field and laboratory equipment
- sample processing
- data entry and database management

Work hours are part-time while classes are in session. Full-time work hours desired during holiday and summer breaks.

Job Skills: The ideal applicant will have an interest in environmental and/or agricultural research. Must be willing to perform a combination of laboratory and field work.

Desired skills include:

- attention to detail
- reliable
- strong work ethic
- willingness to learn and follow instructions
- ability to work independently and with a team

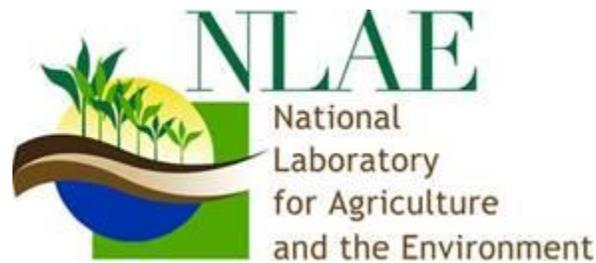
Current ISU enrollment and valid driver's license required.

To apply, submit resume with cover letter by e-mail to Kevin.J.Cole@usda.gov.

Hourly Pay Rate: \$12.00
Schedule Type: Ongoing, Part time, Flexible Hours
Schedule or # of Hrs/Wk: 12-20 in session, 40 during breaks/summer
Application Method: See Job Skills/Requirements
Job Begin Date: As soon as possible
Job End Date: Ongoing
Number of Positions: 2

Job Number: 20001
Employer: USDA-ARS
Department: National Laboratory for Agriculture and the Environment

Contact Name: Kevin Cole
Contact Address 1: 1015 N. University Blvd.
Contact City/State/ZIP: Ames, IA 50011
Contact Web Site: <https://www.ars.usda.gov/midwest-area/ames/nlae/>
Contact Phone: (515) 294-5724
Contact Email: Kevin.J.Cole@usda.gov



The National Laboratory for Agriculture and the Environment (NLAE) is a trans-disciplinary laboratory focused on integrating the fundamental principles in soil, water, and air into animal, cropping and watershed systems that leads to improved environmental quality, sustainability, and enhanced agricultural system efficiency. The purpose of the NLAE is to develop innovative solutions to enhance the efficiency of agricultural systems and reduce their environmental impact. Our mission is to integrate soil, water, and air processes into animal, cropping, and watershed systems to enhance agriculture and protect the environment. This integrated mission requires a blending of diverse expertise across a number of scientific disciplines in order to generate these solutions.

The structure of NLAE consists of two research units, Soil, Water, and Air Resources and Agroecosystems Management. Within the Soil, Water, and Air Processes two research projects focus on the basic soil and air components of agricultural and environment systems; Biogeochemical processes affecting soil organic matter, structure, and environmental quality and Management of agricultural and natural resource systems for reduced atmospheric emissions and resilience to climate change. Three projects within the Agroecosystem Management Research Unit are: Enhancing animal production systems to increase natural resource utilization and reduce environmental impact; Cropping systems to enhance sustainability and environmental quality in the Upper Midwest; and Field and watershed management to enhance environmental quality.

The 22 scientists within NLAE encompass a range of disciplines from biogeochemistry, soil physics, mathematics, chemistry, crop physiology, micrometeorology, animal nutrition, animal physiology, microbiology, watershed hydrology, agricultural engineering, agronomy, soil management, soil chemistry, and ecology. This diversity of scientific expertise within a single laboratory provides the foundation for the trans-disciplinary approach that allows this range of projects to be studied and the results to be generated.

NLAE is located on the Iowa State University campus.



This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.