

N.C. Cooperative Extension
NC State University
2501 Founders Drive, Suite 120
Campus Box 7602; Patterson Hall
Raleigh, NC 27695-7602



Cherokee County Extension/PSI Intern

Location: Cherokee County

Program Area: Agriculture and Natural Resources

Immediate/Site Supervisor: Douglas Clement

Other Mentors and Supervisors: STEPS, PSI; Sarah Dinger, PSI

Position

Description/Responsibilities:

- The N.C. PSI helps growers solve real-world problems in the field through cutting-edge plant science innovation.
- The intern will support the work of Extension experts on the N.C. PSI, including cropping systems, science communication, and climate smart agriculture.
- The intern will engage in beta-testing technologies, being developed by the N.C. PSI and other researchers, on local farms.
- The intern will support work with The Science and Technologies for Phosphorus Sustainability (STEPS) Center. The intern will collect soil and water samples in Western NC to help understand phosphorus flows in the region. This includes identifying phosphorus "hot spots" as well as gaining a better understanding of phosphorus cycling. These hot spots will then serve as locations for novel monitoring systems and will help direct STEPS research efforts.
- All other duties as assigned.

Preferred qualifications/previous coursework:

- Previous coursework and/or experience in agriculture.
- Interest in experiencing Extension and research work and exploring careers in agriculture and the allied sciences.
- Interest in environmental sciences, agriculture, sustainable agriculture.

Benefits/skills student will gain through this internship:

- Data analytics, data collection, and data visualization.
- Prepare for varied and exciting research and Extension careers by gaining practical experiences for strengthening plant health, production, and products.

Additional Information

- As a Research and Extension Experiences for Undergraduates (REEU) program of United States Department of Agriculture National Institute of Food and Agriculture (USDA-NIFA), **applicants are limited to current undergraduates.**
- Explore STEPS: <https://steps-center.org/>
- Explore the N.C. Plant Sciences Initiative: <https://cals.ncsu.edu/psi/>
- For further details, applicants are encouraged to contact Douglas Clement (doug_clement@ncsu.edu), and/or Sarah Dinger (scdinge2@ncsu.edu).
- The use of brand names and/or any mention or listing of specific commercial products or services herein is solely for educational purposes and does not imply endorsement by North Carolina State University or our partners, nor discrimination against similar products or services not mentioned.

