

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



## Washington County Extension/PSI Intern

**Location:** Washington County

**Program Area:** Agriculture and Natural Resources

**Immediate/Site Supervisor:** Jalyne Ward

**Other Mentors and Supervisors:** Sarah Dinger, PSI; Trino Ascencio-Ibanez, NC State

### 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 a multispectral scanner, which detects viruses before symptoms appear in plants by observing wavelengths in plant tissue, in order to provide feedback on the scanner and its usability in the field. This feedback will help improve usability and practicality for use across NC, focusing on NC crops.
- 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.

### 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 the N.C. Plant Sciences Initiative: <https://cals.ncsu.edu/psi/>
- For further details, applicants are encouraged to contact Jalyne Ward ([jalyne\\_ward@ncsu.edu](mailto:jalyne_ward@ncsu.edu)), and/or Sarah Dinger ([scdinge2@ncsu.edu](mailto:scdinge2@ncsu.edu)).
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