

Job Opening – Plant Pathology

Where: Department of Entomology and Plant Pathology and NC Plant Sciences Initiative
Quesada Lab (Vegetable Plant Pathology <http://go.ncsu.edu/veggiepathology>)
4th floor of the Plant Sciences Building in **Centennial Campus**

Title: Undergraduate Research Assistant (Paid position, \$11/hour).

Number of positions: 2

Closing date: we will take applications until Friday **February 2 of 2024 at 5pm.**

Start date: The students can start working in February or March. Employment beyond spring semester is highly desirable, preference will be given to students that would like to work long-term.

Work days/hours:

- Part-time during fall and spring semesters (10 hours per week minimum to be worked Monday through Friday from 8 - 5pm), we can work around class schedules for all semesters.
- Full time during summer semester (required 29 hours per week min. and 40 hours per week maximum to be worked Monday through Friday from 8-5pm). We typically have undergrads in the lab participate in the summer internship program in the Department, [Kelman Scholars](#). Our undergrads will be performing supervised research, participate in professional development activities, and present a poster in the NC State symposium.

Job qualifications: Current NC State student. Background and course work in agriculture, plant pathology, plant biology, microbiology, and/or molecular biology are preferred but not required. Must be able to work in the field. Must have strong organizational skills, basic computer skills (Word, Excel, image files, etc), and the ability to effectively communicate and multitask. Must be meticulous, punctual, and reliable. A strong interest in learning new things related to plant pathology is required.

Job description: The successful candidate will be working with technicians, postdocs, graduate students, and other undergraduate research assistants performing plant pathology research. The activities performed will include but are not limited to: lab maintenance (dish washing, stocking plastic ware and glassware), field work (driving to field plots, seeding, harvesting, preparing fungicide solutions, collecting samples from field, scouting plants), microbiology work (media preparation, solution preparation, culture maintenance, microscopic measurements), plant work (plant evaluation, seeding, potting, inoculations, watering, fertilizing, photography), molecular work (DNA extractions, DNA quantification, PCR, electrophoresis), and computer work (data entry, data management). Students will receive laboratory, EHS safety, ethics, and Title IX training.

If interested please email Jack Mascarenhas (jmmasca2@ncsu.edu) and send your **application package** as indicated at the end of this document.

Application Package

Please send the information requested below to Jack Mascarenhas (jmmasca2@ncsu.edu)

1. Provide your Curriculum Vitae or Resume with information for two references.
2. Provide your tentative work schedule AND your class schedule for fall, spring, and/or summer semesters if known. Work hours must be Monday through Friday between 8am and 5pm, we do not work after hours or on weekends.
3. Provide your major and an unofficial transcript.
4. List your expected graduation term and year.
5. Provide a photo of your drivers license (ability to drive in NC is a requirement for the position).