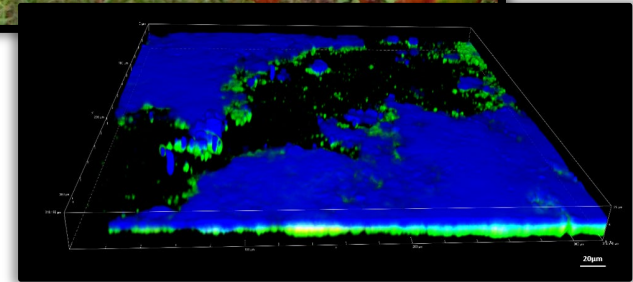


Undergraduate Research Internship in Plant Pathology

An Undergraduate Internship in **Plant Pathology** is available for an **undergraduate student** interested in assisting with laboratory research activities at Auburn University. Plant pathology is a discipline that could be described as M.D. for plants: we diagnose, treat, and try to cure diseases affecting agricultural crops that are important for feeding a growing world population. In particular our plant pathology lab conducts research to understand the **infection processes, survival, proliferation and host preferences of bacterial phytopathogens** that endanger agricultural crop production. The intern will assist with various aspects of ongoing research including bacterial isolation and culture from infected plant material, molecular characterization of bacterial isolates, greenhouse experiments, field sampling, and fabrication of microfluidic chambers. If desired, the internship can be used for undergraduate research credit. After initial training (at least one semester) students are encouraged to conduct their own independent project.

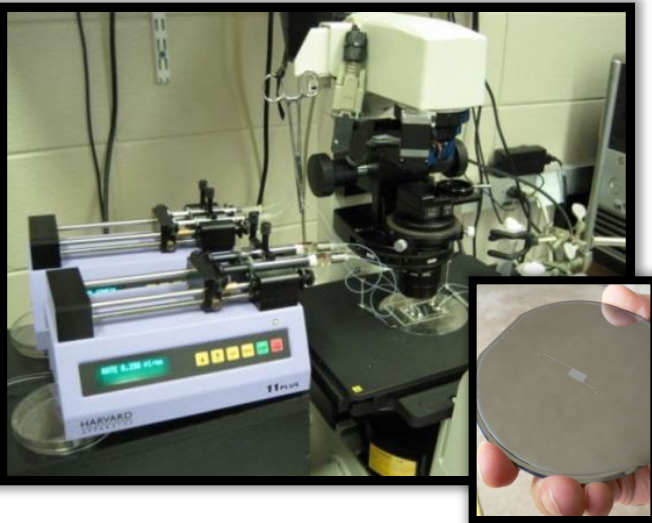


Requirements:

- Must be working towards a B.S. in a relevant science-related major (e.g., Microbiology, Biology, Agronomy, Chemical Engineer, etc.)
- Interest in microbiology
- Ability to communicate effectively
- Commitment to work at least 9 hours per week

Preferred Qualifications:

- Experience working in a research laboratory setting
- Experience with aseptic technique
- A cumulative GPA of 3.0 or higher
- Desire to continue with a career in scientific research



Contact:

Please send current **CV** and **Letter of Intent** with applicable qualifications and experience to **Leonardo De La Fuente**, lzd0005@auburn.edu, before 9/1/2022. Internships will start as soon as possible. For further information visit: <http://enpp.auburn.edu/delafuente/>.