

GH & ENTOMOLOGY RESEARCH INTERN

Paid – Jan to Aug 2019

OVERVIEW:

GENECTIVE USA CORP is a joint venture between Group LIMAGRAIN and Group KWS aiming at the development, regulatory approval and commercialization of biotech corn. We share the vision that biotech traits constitute an important means to face future challenges in agriculture.

Today, corn varieties modified through biotechnology provide agriculture with efficient agronomic solutions in the fight against pests and weeds. Thus, today's chemical plant protection can be reduced – to the benefit of farmers and the environment. Tomorrow, they will be complemented by more efficient use of natural resources, improved capabilities of farming in difficult conditions, reduced inputs and higher quality harvests. The research done at Genective is vital to maintaining this progression.

Genective is seeking an individual for an eight-month paid research internship at the Weldon, IL station. During the internship program, the intern will be exposed to industry leading research in the development of plant protection products.

The intern will conduct one or more research projects during the internship but will also be given opportunities to experience various steps throughout the research process. Those activities could include assisting with work done in the laboratory, field and rearing insects.

RESPONSIBILITIES:

With the supervision of the Genective staff, the intern's project will contribute to the overall research conducted at the facility in Weldon.

- Image analysis on field and greenhouse grown plants
- Evaluate different software platforms and hardware to make recommendations based on efficiency and precision of data collection
- Organization of data sets and analysis to identify trends in various greenhouse systems
- Assist staff in improving process efficiency to increase repeatability and precision
- Greenhouse tasks
 - Planting, herbicide application, tissue sampling, transplanting, pollination, infesting, plant rating, data analysis, etc.

Duties and responsibilities may be revised as needed by the station's staff.

EDUCATIONAL AND SKILL REQUIREMENTS:

Internships are open to college freshmen (who have completed at least one semester), sophomores, juniors, seniors and grad students who have a strong interest in Biological Systems Engineering, Engineering, Computer Science, Bioinformatics, Biotechnology, or Database Management; majoring in a related field with a link to Agriculture. Students must be in good standing with their class requirements.

- Computer skills: Image analysis, familiarity with biological measurements through instrumentation, management of information systems, data capture devices, databases, spread sheets, etc.
- Productive working independently or as part of a team
- Highest level of confidentiality, professionalism and respect for co-workers
- Superior communication and organizational skills with an eye for details
- Must be able to work a minimum of 20 hours a week if also attending classes
 - *Station hours are typically 7 AM to 4 PM; hours may vary during planting season*

PHYSICAL REQUIREMENTS:

- Work required hours in office, greenhouse and field environments
- Tolerate working in warm temperatures in the greenhouse and field
- Work in field plots during pollen shed and peak insect season
- Ability to operate a motor vehicle
- Lift 50 pounds

Transportation to the Genective site in Weldon, IL is required and will be the responsibility of the student.

TO APPLY:

- Submit cover letter and resume to **resumes@genective.com**
- Please specify which internship you are applying for:
 - **GH-Entomology Intern** – January 2019 through August 2019
 - Deadline for applying is November 15, 2018

Genective is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran or disability status.