

Position Description

Job Title: Quality Laboratory Intern



Company Overview

Koppert's mission statement is to be the most preferred partner in developing and marketing pollination systems and integrated pest management for protected and high-value crops, by being a reliable provider of innovative, effective and top-quality solutions.

Koppert Biological Systems, Inc. is the U.S. based subsidiary of the Dutch company Koppert Biological Systems BV, established in The Netherlands. We are an international market leader in biological crop protection and natural pollination. Since 1967, Koppert has been involved in the development and production of a diverse array of biological control products including beneficial insects, mites, nematodes, and more recently soil microbes. In addition to offering these products to customers, Koppert provides support to the end user before, during and after the actual application of products through technical information and field based consultation.

Lab Overview

The Quality/Research and Development Lab at Koppert has split focus on quality control, insect husbandry/rearing, research and outreach. The mission of the lab is to provide support to customer service and production staff at all North American subsidiaries to ensure the highest quality pollination and biological control products.

Job Title

Quality Laboratory Intern: This is a full-time, temporary entry level position. The employee works in a learning capacity while performing a range of laboratory technician assignments under close supervision.

Position Summary

Individual should have a positive attitude, be well organized, detail-oriented, reliable, self-directed, and someone who is able to respond to the ever-changing needs of a science laboratory.

Under the direction of the Quality Supervisor, this individual will:

- Configure and operate laboratory apparatus and instruments such as stereo microscopes, compound microscopes, pipettes, balance, and molecular biology equipment.
- Maintain functional equipment by following operating instructions.
- Conduct general lab maintenance, including cleaning, making lab solutions, and disinfecting materials.
- Conduct microbiology lab tasks of creating slides of tissue culture extracting DNA, and conducting PCR analyses.
- Perform basic laboratory and investigative procedures that involve collecting, recording, organizing, and verifying the accuracy of data
- Perform calculations, prepare charts, graphs, and reports for review and sharing of data.
- Maintain detailed laboratory records.

- Assist the Quality Supervisor and other technicians in conducting experiments as needed.
- Assist the Quality Supervisor and other technicians in the rearing of bumblebee colonies.
- Perform routine quality control sampling of bumble bee and biological control products to monitor the adherence of environmental, microbiological, and/or health guidelines.

Position Qualifications

Required

Education/Experience: Working on a Bachelor's degree (B.S./B.A.) in biological science from an accredited four-year college or university, or has already earned a Bachelor's degree (B.S./B.A.).

Communication Skills: Ability to read, analyze, and interpret general scientific research and technical procedures. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

Computer Skills: Ability to create documents using Microsoft Office applications including Excel, Word, and Power Point.

Mathematical Skills: Ability to work with mathematical concepts such as probability and statistical inference. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

Physical Demands: The employee must be able to lift and/or move up to 30 pounds.

Preferred

Lab Skills: Some experience working in a lab environment using standard equipment. Experience using stereo and compound microscopes. Molecular biology skills including DNA extraction, PCR and sterilization.

Computer Skills: Experience using statistical software packages (i.e. Minitab, SPlus, R, etc.) to analyze data.

Bee Keeping: Experience working with bees.

Pay

\$10.00-\$14.00, depending on experience.

Work Environment

While performing the duties of this job, the employee will be working with live bumblebees and is frequently exposed to wet and/or humid conditions. The employee will also be occasionally exposed to moving mechanical parts, outside weather conditions, and extreme cold and/or heat. The noise level in the work environment is usually mild to moderate.

Please send resumes to **qualitylab@koppert.com** to apply.

This job description in no way states or implies that these are the only duties to be performed by this employee. He or she will be required to follow any other instructions and to perform any other duties requested by his or her supervisor.