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## Research Assistant, Entomology

### Provivi Overview

We are a Santa Monica-based company, founded in 2013 by Caltech scholars: Professor Frances Arnold, Pedro Coelho and Peter Meinhold. Our mission is to provide disruptive solutions for agricultural pest control that are safe, environmentally benign, and have improved performance. We are hiring the very best and brightest people to develop and commercialize our products.

### Role Description

This is a full-time position to support Provivi's rapidly evolving needs in effective research of chemical ecology and odor-mediated orientation. The Entomology Research Assistant will be primarily responsible for establishing and maintaining insect colonies for use in a variety of laboratory bioassays. The employee will also be involved in conducting some of these routine insect behavior assays, collecting data, and assisting in their analyses. The successful candidate will have experience rearing laboratory colonies (especially lepidopterans) and following & documenting laboratory methods. The candidate will be flexible and fulfill other duties as needed and expected in a start-up environment.

### Responsibilities Include

- Rearing several different species of insect colonies in environmental growth chambers. Rearing duties include: prepping rearing materials, transferring and collecting insects, filling in data forms, and cleaning reusable materials.
- Assist in conducting insect behavior experiments involving volatile pheromone components and olfactometers.
- Following instructions in the preparation and construction of experimental set-ups.
- Preparing chemical solutions and dilutions to specifications.
- Effectively and safely operating, adapting, and maintaining scientific equipment.
- Keeping detailed and precise records, ensuring the integrity of the laboratory research data base.
- Storing supplies and equipment, disposing of solutions & materials according to guidelines, and keeping storerooms and working areas orderly and clean.
- Washing laboratory glassware.
- Learning general and specialized software applications.
- Performing related duties as assigned.
- Reports to the Associate Scientist, Entomology.

### Qualifications & Skills Include

- A BA/S or higher in entomology, biology, or equivalent.
- Prefer 2 years experience rearing laboratory insect colonies. Direct experience rearing lepidopterans preferred.

- Knowledge of the scientific method, laboratory procedures and techniques, and recordkeeping. Experience conducting chemical ecology, insect behavior, and field trials is a plus.
- Ability to accurately follow detailed instructions & experimental protocols.
- Strong oral and written communication skills. Ability to write clear technical reports and effectively communicate results to team members.
- Ability to work collaboratively with internal and external colleagues.
- Ability to lift 50 lbs.

**Diversity and Equal Opportunity Employment**

Provivi is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veterans status, or any other legally-protected factors.

**Contact**

If interested, please submit a letter of interest, resume and salary requirements to  
RAentomology@provivi.com

Please no phone calls or agency submissions.