Biological Control Initiative
Internship Job Description

Job Title: Biological Control Initiative Summer Intern
Location: Kissing Tree Park, Harris County Precinct 4 Biological Control Initiative
5707 Louetta Rd, Spring TX 77379
Duration: May 11 – August 30, 2019
Hours: Compensated $9 per hour, 40 hrs/week. Flexible with some weekends
Prepared By: Anita Schiller, Director/Project Lead

SUMMARY
The intern position at HCP4 Biological Control Initiative works under the supervision of the Project Lead and/or Rearing Specialist and assists with and/or completes daily operational tasks as they pertain to studies and experiments at the mosquito bio-control research facility. Tasks include insect laboratory and insectary maintenance, participation in on- and offsite baiting and trapping invertebrates, and maintenance of equipment. The intern will learn insectary functions, basic entomology and mosquito biology. An end-of-term presentation is expected to complete the internship.

OVERVIEW OF DUTIES, TASKS, AND RESPONSIBILITIES
The tasks outlined below are intended as illustrations of the various types of work that may be performed. Other duties may be assigned as deemed appropriate. The intern is expected to learn and complete tasks with or without supervision.

• Daily upkeep, maintenance and detailed record keeping of stock cultures
• Feed and care of captive larval, adult predators and their prey cultures
• Assist with scientific projects (i.e. molecular analysis for identification (barcoding), antibiotic resistance assays, insecticide resistance assays, etc.)
• Take part in preparing/setting/collecting vector traps outdoors in forest, wetland and residential areas
• Assists with data entry, design, evaluation and implementation of lab software or app-ware
• General cleanup of supplies, equipment, and laboratory

QUALIFIED CANDIDATES MUST BE:

• At least 18 years or older
• Enrolled in college/university with preferred course work to include biological sciences, conservation, entomology, bioengineering or public health; or similar
• Able to work flexible days with a maximum 40 hrs/week (minimum 35hrs/week)
• Willing to work with and come into physical contact with live and preserved invertebrates (i.e. mosquitoes, their life food cultures, etc.)
• Willing and able to work both indoors and outdoors
• Pass a criminal background check, drug and alcohol screening
• Must have reliable transportation to and from work. Possession of valid Texas driver’s license, with an acceptable driving record is preferred
• Able to communicate verbally and in writing, follow directions, and comprehend documents in English

Interested candidates: Please submit the Biological Control Initiative internship application, along with a cover letter or resume, via email to ASchiller@hcp4.net, eFax, or mail. Considered applicants will be notified to schedule an in-person interview.