



Applied Science and Technologies (AST) Technician

Summary: Maintains Sterile Insect Technique (SIT) insectaries, performs male/female pupae separation, prepares adult male mosquitoes for release, and performs a variety of support functions for the SIT program.

- Maintains the mosquito colony including feeding adult mosquitoes, collecting and quantifying mosquito eggs, and maintaining rearing trays and cages
- Separates mosquitoes into categories such as generation, sex, age, stage of development, and controls them to prevent their escape or intermingling
- Obtains and manipulates mosquitoes individually or in groups, without harming them, and prepares them for experimental trials
- Observes colonies for signs of disease or obvious changes of life cycles, deaths, and general activity, reporting observations to the AST Supervisor
- Prepares sugar solutions for adult mosquitoes
- Maintains the larval colony including conducting mass egg hatchings, feeding larval mosquitoes, cleaning trays, and transferring pupae to adult colony holding cages
- Repairs and modifies adult cages as needed
- Prepares mosquitoes for irradiation
- Operates X-ray equipment to irradiate male mosquito pupae or adults and prepares them for release as needed
- Identifies adult mosquitoes and counts mosquito eggs as needed
- Operates, maintains, and performs minor repairs on specialized equipment
- Prepares mosquitoes for use in specialized equipment
- Designs and develops equipment to increase efficiency in mass rearing and releases
- Assists in rearing facility design and set up
- Proposes experimental ideas based on observations made through caring for mosquitoes
- Other duties and projects as assigned

Qualifications:

- Some college with emphasis on science-related courses or Associate's degree preferred.
- Must be extremely detail oriented and be able to perform repetitive tasks in a precise, consistent manner
- Must be comfortable with handling blood products on a regular basis
- Must have a valid Driver's License with a clean driving record
- Must have basic computer skills and have the ability to learn and operate internal, web based, GPS and mapping programs including entering data into phone Apps and databases
- Must be able to work a varied schedule including evening and weekend shifts as needed
- Must have the ability to ride in helicopters
- Must be able to read and understand chemical label instructions in English
- Must pass the CORE and Public Health exams within six months of hire and be able to maintain certification by earning appropriate CEU's (continuing education units)

Compensation:

The pay range for this non-exempt position **starts at \$20.17 - \$23.54** depending on experience. Excellent benefits package includes Florida Retirement System, medical, dental, life/LTD/STD and generous paid time off package.

To Apply:

Submit an application on our career website select or (Copy n Paste) link:

<https://www.governmentjobs.com/careers/lcmcd> into the web browser **no later than Tuesday July 19, 2022 by 5:00p.m.**

EOE/DFWP. Veterans' preference will be given to eligible veterans and spouses of veterans.

Job Type: Full-time