



Position: Vector Mapping for Mosquitos – Public Health (1 intern)
Semester: Fall 2019
Location: Abrams Public Health Center, 3950 S Country Club Rd
Supervisor: Program Manager, PCHD Vector Control and Education

Background

The Pima County Health Department wants people to be aware of the risk of diseases caused by mosquito bites. Mosquitoes have a serious impact on the health, comfort, and economic welfare of people. Some mosquito species transmit diseases to people and animals. Not only can mosquitoes interfere with outdoor work and recreation they also can make people very sick. Mosquitoes in southern Arizona have spread disease such as West Nile virus, and can potentially spread Dengue, Zika and Chikungunya. The Department provides people with resources and ways to help reduce the number of mosquitoes near their home.

Position Summary

The Pima County Health Department is seeking a student intern to take on an Independent lead on mapping mosquito traps and detailing the various species in Pima County.

- Review and evaluate current and past mosquito vector mapping
- Identify any improvements that could be made
 - Investigate ways to successfully map vectors
 - Develop and write guidelines for mapping
- Identify areas within Pima County that are in need of trapping
- Be able to conduct field work to assist in mosquito traps as a component of mapping

The position will provide the intern with an opportunity to gain valuable work experience in designing a community intervention – including goal setting, collecting/analyzing data, developing an action plan, and monitoring/evaluating processes and outcomes. The intern will also gain experience working with an interdisciplinary team of public health professions.

Preference

The ideal student will be enrolled in a University of Arizona Health Sciences College (Public Health, Pharmacy, Nursing, or Medicine) or other accredited college/university; be able to work independently and in teams; have excellent written and oral communication skills; have strong organizational skills; and be interested in public health administration, policy, and/or program development.

This is an unpaid position with a flexible work schedule.



Graduate Student:

- Take lead in the development of project plans and reporting of project status along with other documentation;
- Plan, coordinate, and execute project/tasks with support from project managers;
- Coordinate team meetings, develop the agenda, track follow up activities, and report project status along with other documentation;
- Coordinate internal resources for project as needed;
- Investigate and formulate solutions in conjunction with project managers;
- Coordinate data collection logistics, including proper preparation of all materials;
- Conduct data entry as needed;
- Conduct secondary Investigate and literature reviews as needed;
- Develop method for collecting and analyzing data with support from project managers;
- Develop a summary report of all data findings;
- Meet with Preceptor weekly to submit completed assignments and discuss progress;
- Comply with all Pima County policies.

Minimum Qualifications

The minimum qualifications for this student intern position include:

- Currently enrolled with an accredited college or university
- Able to dedicate a minimum of one-semester to the internship
- Must have experience in remote GIS mapping, and large data sets (over 4000 data points)
- Must have experience using GRS Mapping
- Reliable transportation – this internship will require travel to different Health Department locations

How to Apply

Submit a completed [internship application](#)

Immediate submissions are welcome and will be reviewed promptly. This internship position posting will be removed once the position is filled. **No phone calls, please.**