

Postdoctoral Research Scholar - Insect Biotechnology

POSITION SUMMARY

A postdoctoral research scholar position is available with Dr. Max Scott to develop and evaluate conditional female lethal and female transformation systems in the New World screwworm. The research builds on several years of research in developing transgenic screwworm strains. For example, we previously developed conditional female pupal lethal strains that have been tested extensively (<https://bmcbiol.biomedcentral.com/articles/10.1186/s12915-016-0296-8>). The postdoc would continue the development of second and third generation strains that have specific advantages over the pupal lethal strains. For example, female lethality at the embryo stage. While some of the research will be performed in the Scott lab in Raleigh, much of the research will be done at the screwworm mass rearing facility in Pacora, Panama. Thus a unique feature of this work is that any promising strains developed could be evaluated under mass rearing conditions in the facility. Please visit <https://maxscottlab.wordpress.ncsu.edu/> for further information on the Scott lab.

Please apply here: <https://jobs.ncsu.edu/postings/116944>

BASIC QUALIFICATIONS

- Recent Ph.D. in molecular biology, genetics, entomology or a related field
- Demonstrated research productivity by first-author publications in peer-reviewed journals

This is a full time, temporary position with appointment expected to last 3 years, contingent on availability of funding.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org Degree must be obtained prior to start date.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.