

TITLE: Laboratory Research Scientist

LOCATION: Department of Entomology
Campus Box 7613
North Carolina State University
Raleigh, NC 27695-7613

DUTIES AND RESPONSIBILITIES: The Apiculture Program at North Carolina State University is seeking a 75% time laboratory researcher to assist in an investigation of the diseases and genetic structure of honey bee (*Apis mellifera*) colonies and populations using molecular markers. This position is available for up to 3 years with the potential for a continued support. Anticipated start date is *November 1, 2012*. Candidates should have experience in the use of molecular markers to analyze the genetic structure of natural populations. Knowledge and interest of honey bee biology a plus.

Duties include: DNA extractions from animal (honey bee) tissue, PCR reactions, gel electrophoresis (agarose and polyacrylamide), molecular genotyping, RNA extractions, quantitative RT-PCR, bioinformatics and dataset analysis, cellular staining and visualization with fluorescence, manipulation and dissection of live honey bees, and creating or optimizing new molecular bioassays as needed. Willingness to perform some field work a significant asset. Must be dependable, highly productive, able to multitask, and comfortable in working independently and with others. Training of undergraduate and graduate students in laboratory protocols is expected. Competitive salary commensurate with experience.

BASIC QUALIFICATIONS: Degree in Biology, Entomology, Zoology, Genetics, or related field, M.S. or Ph.D. (preferred).

CONTACT:

Please send a CV, a one-page statement of professional goals interests, and the names of three support references to the address below, or for further information or questions, please contact:

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Review of applicants will begin immediately and will continue until the position is filled.

AA/EOE. In addition, NC State welcomes all persons without regard to sexual orientation.