

Oregon State University
Department of Horticulture
Insect Molecular Physiology in the Entomology Program

Position Description

Postdoctoral Scholar Position: Entomology Program of the Department of Horticulture at Oregon State University in Corvallis, OR. The research is developing biologically based methods for the management of Arthropod pests. The position will conduct a variety of molecular biology and biotechnology-based approaches to identify biological compounds, including bioactive peptides, using Receptor interference (Receptor-i) technology with various neuropeptides/hormones and their GPCRs, functional expression using insect cell lines, molecular and cellular bioassays, and screening. The incumbents include writing peer-reviewed papers, presenting the results at professional meetings, and working with a research team conducting basic and applied research, including molecular/biochemical research on diverse pests. The research will be conducted at the USDA ARS, Corvallis, OR. While participants will not enter into an employment relationship with the ARS, this position requires a pre-employment check and a full background investigation to access the federal facilities.

Minimum/Required Qualifications: Recent Ph.D. in the biological sciences related to molecular biology, biotechnology, and/or biochemistry; entomology is preferred but not required; 2) a strong record of peer-reviewed journals in these areas; and 3) be expected to work independently.

Review of applications: Will begin immediately and continue until the position is filled. The initial appointment will be for one year, with the expectation of renewal in subsequent years depending upon satisfactory performance and funding, and can be extended for multiple years. The annual salary (starting \$56,484) is competitive with qualifications and experience.

To apply: Email to choiman@oregonstate.edu or man-yeon.choi@usda.gov, including a CV, copies of relevant publications if applicable, a cover letter that includes professional and general interests, and names and contact information for up to three references.