



POSITION ANNOUNCEMENT

Post-doctoral Fellow - Molecular Entomology

AVRDC - The World Vegetable Center is a non-profit, autonomous international agricultural research center with headquarters in Taiwan and regional offices around the globe. AVRDC conducts research and development programs that contribute to improved incomes and diets in the developing world through increased production and consumption of safe vegetables. For more information on AVRDC - The World Vegetable Center, please visit our website: www.avrdc.org.

AVRDC seeks a post-doctoral fellow to join its on-going research on developing economical, environmentally safe and sustainable pest control strategies for improving vegetable legume production. The position will be based at AVRDC's Headquarters in Shanhua, Tainan, Taiwan.

The Job: Determine the species identity and establish phylogenetic relationship of the genus *Maruca* occurring in Southeast Asia (SEA) and sub-Saharan Africa (SSA). Determine the association of molecular variations in the *Maruca* populations with host plants and geographical origins in SEA and SSA. Analyze the association of pheromone biosynthesis activating neuropeptide (PBAN) to variability in sex pheromone blends of various populations of *M. vitrata* females. Characterize the variation at the pheromone-binding protein in the antennae of various *M. vitrata* male populations.

Enhance the capacity of partners in the use of molecular tools to characterize *Maruca* species and/or populations. Actively contribute to the preparation of project reports and manuscripts for publication in refereed journals, reviewed conference proceedings, and technical bulletins. Engage in such other relevant activities as determined by the Center.

The Person: A candidate with a recent PhD in entomology, plant protection, biotechnology, molecular biology or a related field. Post-doctoral experience in insect rearing and ethology, GC-MS and NMR for identification of natural products, molecular entomology/marker technologies, sequence analysis, databases, biometric statistical tools, etc will be an advantage.

Fluency in spoken and written English is essential. The candidate must be able to work as a member of interdisciplinary teams in a multicultural and multinational environment and should be able to interact effectively with partners.

The Reward: This is an Internationally Recruited Staff (IRS) position with competitive pay and benefits. The initial appointment is for two years and may be extended for another year depending on requirement, funding availability, and performance of the incumbent.

How to Apply: Submit a letter of application with curriculum vitae, a recent passport size photograph and names and addresses (including telephone/fax/e-mail) of three referees familiar with the candidate as a graduate student and/or post-doctoral fellow by e-mail to human.resources@worldveg.org. Screening of applications will begin 01 March 2010 and continued until a candidate is recruited.