

# CHARLES M. MACVEAN

## **Education**

Ph.D., Entomology, Colorado State University, Fort Collins, CO, 1989 (biological control and ecology of the Mormon cricket)

M.S., Entomology, Colorado State University, Fort Collins, CO 1981 (biological control of Colorado potato beetle and mountain pine beetle)

B.A., Biology, Kalamazoo College, Kalamazoo, MI, 1977 (undergraduate thesis on biogeography and evolution of passalid beetles on Central American volcanoes)

Study Abroad (undergraduate), Université de Clermont-Ferrand, France, 1975-1976

Non-major undergraduate and graduate studies: French language and literature, music (clarinet), philosophy, and statistics

## **Concurrent Affiliate Faculty Positions**

Department of Entomology and Nematology, University of Florida, Gainesville, Florida

Department of Entomology, Colorado State University, Fort Collins, Colorado

Fellow and Visiting Professor (Guatemala), Bucks County Organization for Intercultural Advancement, Pennsylvania

## **Employment Experience**

**2004-Present:** Dean, College of Environmental and Agricultural Sciences, Rafael Landivar University, Guatemala. [www.url.edu.gt](http://www.url.edu.gt)

**2001-2003:** Dean of the Institute of Research, Del Valle University, Guatemala (UVG). [www.uvg.edu.gt](http://www.uvg.edu.gt)

**1993-2000:** Assistant Dean, Institute of Research, UVG.

**1989-2003:** Visiting Professor (Biology Dept.) appointed at UVG as a Fellow of the Bucks County Organization for Intercultural Advancement (Bucks County, PA).

**1988-1989:** Instructor of applied Entomology, Department of Entomology, Colorado State University.

**1988-1989:** Statistical data analyst and consultant for production of insect biological control agents, Evans BioControl, Inc., Broomfield, CO.

**1984-1989:** Research assistant, Dept. of Entomology, Colorado State University, Fort Collins, CO; (Ph.D. dissertation research). Biological control, ecology and management of Mormon cricket: diet composition and assessment of damage to range plants; microbial control with microsporidan pathogens (*Nosema*, *Heterovesicula*) in bait formulations.

**1982-1984:** Supervisory Entomologist, USDA/APHIS Screwworm Eradication Program, Tuxtla Gutierrez, Mexico; mass rearing, quality control and field testing of sterile screwworm flies, personnel management.

## **Consulting Experience**

**2005-2006:** Entomological consultant for Holland Hart law firm (Denver, CO), representing ornamental fern producers and exporters in Costa Rica. Field research and diagnosis for entomological components of a complex dieback of leatherleaf fern plantations; formal deposition and testimony in Florida court.

**2004:** Consultant to Guatemalan Exporters Guild for the design and implementation of a Research and Extension Center. The Center will link producer and exporter needs with science and technology experts to develop applied research and extension for the benefit of both budding and established export enterprises. The audience served by this Center spans small indigenous farmer groups to large export companies.

**2004-2005:** Consultant to UNDP-GEF Biodiversity Strengthening Program. Guatemalan Government Biodiversity Program for strengthening of national capacity in Taxonomy; diagnosis and proposal for development of the existing taxonomic reference collections, training for key scientists and curators, teaching and research programs for young professionals.