



SPRING 2016

UNIVERSITY OF HAWAI'I AT MĀNOA • OUTREACH COLLEGE NONCREDIT PROGRAMS



Beekeeping IN THE TROPICS:

Introduction to Honeybee Health and Management (PI4095)

TOPICS INCLUDE:

This hands-on introduction to tropical beekeeping offers a practical, yet thorough introduction to bee biology, colony health management, pollination services requirements, and honey production strategies, all with a sense of “island-bee-knowledge”. Suitable for beginners and novice beekeepers. Staff of the UH Mānoa CTAHR Honeybee Project walk you through the basics, from equipment to pest monitoring, treatment and honey bottling. The course includes classroom activities as well as field days.

- Honeybee biology and ecology
- Beekeeping equipment and pest control
- Inspecting a colony: pest and diseases of bees
- Colony management (pest and swarm control)
- Honey harvesting
- Beekeeping in residential areas

6 SATURDAY CLASS MEETINGS:

Jan 23 and Feb 27, 2016

9am-12pm • UHM Gilmore 301

Jan 30, Feb 6, 13, 20, 2016

2-5pm • Waimanalo Agricultural Field Station

Fee: \$175 (General), \$155 (UHM, Master Gardeners)



Ethel Villalobos, PhD, Biology, UCLA, Entomologist, UHM Plant and Environmental Protection Sciences, directs the UH Honeybee Project, researching varroa treatments, mite-bee interactions, colony health assessment, and hygienic behavior. She is also involved in developing outreach programs for farmers in need of pollination services.

Scott Nikaido, BA, Zoology, assisted in mite sampling and organic management of mite infestations at the UHM Békésy Laboratory of Neurobiology before joining the Plant and Environmental Protection Sciences department of CTAHR as a research support specialist. He serves as Apiary Manager, UHM Waimanalo Research Station, where he conducts hygienic behavior screening and tests pest controls on college bee colonies.

Find secure online registration under “**field schools**” at

www.outreach.hawaii.edu/noncredit/courses

or call (808) 956-8400 during normal business hours.