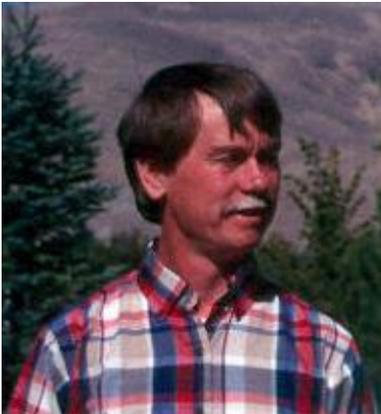




Scientists



YARL's scientists are all respected leaders in their field. The scientists and technicians at YARL work in a variety of disciplines including Postharvest technology, Integrated Pest Management, Insect Pathology, Quarantine research, Biological Control, Minor Use Pesticide Research and many others. The entire staff of YARL is proud of their numerous past achievements and look forward to developing future advances in agriculture. Please take a moment to meet our scientists and learn more about their exciting research.



Dr. Peter Landolt (Research Leader)

insects@yarl.ars.usda.gov

Dr. Peter Landolt serves as Research Leader for YARL. Dr. Landolt's research interests include the development of attractants for monitoring and control of moth pests of tree fruit crops, behavioral and developmental effects of induced potato plant chemistry on potato insects.



Dr. Lisa Neven (Research Entomologist)

neven@yarl.ars.usda.gov

Dr. Lisa Neven has worked as a Research Entomologist at YARL since 1992. Dr. Neven is well known for her Postharvest research programs as well as developing innovative Controlled Atmosphere Treatments Systems (CATTs), her work in physiology, molecular biology and non-chemical quarantine treatments for deciduous tree fruits.



Dr. James Hansen (Research Entomologist)

jimbob@yarl.ars.usda.gov

Dr. James Hansen, a native of Washington state, is a Research Entomologist at YARL who specializes in Postharvest entomology. Jim is currently using radio frequency and other innovative techniques in his research.



Dr. Lawrence A. Lacey (Research Entomologist)

llacey@yarl.ars.usda.gov

Dr. Lawrence Lacey has worked in various aspects of entomology and insect pathology in the Amazon, West Africa, Asia, Europe, the United States and several other locations around the world. He is now permanently assigned to the Yakima Agricultural Research Laboratory to study and develop entomopathogens as components of integrated management of fruit tree and potato insect pests. Principal target insects include codling moth, leafrollers, green peach aphid (*Myzus persicae*) and the Colorado potato beetle.



Dr. Alan Knight (Research Entomologist)

aknight@yarl.ars.usda.gov

Dr. Alan Knight's research interests include mating disruption, and moth attractant technologies. He is currently field testing a bisexual attractant for codling moth among other projects.



Dr. Tom Unruh (Research Entomologist)

unruh@yarl.ars.usda.gov

Dr. Tom Unruh's research involves classical biological control introductions of parasitoids, studies of natural products for pest control, landscape ecology studies and molecular studies on pest and natural enemies to evaluate insecticide resistance, biogeographic and genetic relationships, and, most recently, to evaluate predation rates.

Dr. Dave Horton

horton@yarl.ars.usda.gov

Dr. Horton is a Research Entomologist having interests in behavioral ecology, biological control and applied ecology. His research focuses on the biology and management of insect pests in potato and pear, including Colorado potato beetle, wireworms and pear psylla. Other interests include studies on the population biology and behavior of predatory true bugs in the families Anthocoridae and Miridae. Dr. Horton's page is still under construction.



Dr. Wee L. Yee

wlyee@yarl.ars.usda.gov

Dr. Wee L. Yee is YARL's newest scientist. Hailing from California, Dr. Yee's current research at YARL deals with the behavior, ecology, and control of temperate fruit flies (western cherry fruit fly and apple maggot), specifically their mating behavior, dispersal behavior, attraction to traps and lures, and the effects of diet on fecundity.



Dr. Joseph Munyaneza

munyaneza@yarl.ars.usda.gov

Dr. Joseph E. Munyaneza is the newest research entomologist at the Yakima Agricultural Research Laboratory (YARL) with a background in integrated pest management of agricultural insect pests and diseases, with emphasis on the role of biological control in integrated pest management. Joe will be working primarily on potatoes.



Dr. Carrol Calkins

ccalkins@yarl.ars.usda.gov

Dr. Carrol O. Calkins serves as a scientific contributor at YARL. Dr. Calkins previously served as the Research Leader for the Yakima Agricultural Research Laboratory. Dr. Calkins recently coordinated the highly successful Codling moth Areawide Management Project (CAMP).