

PROFESSIONAL APPOINTMENTS

- Postdoctoral Research Associate. University of Illinois at Chicago (UIC). 2007- 2009. Assessing risk of establishment of endangered and invasive thistles.
- Consultant: University of Florida, USDA, ARS, FL. 2005 – 2007. Quantitative risk assessment of invasive paths of subterranean termites, sugarcane weevil, and the Lobate Lac scale in Florida.
- Research Entomologist: USDA, ARS, SHRS, FL. 2002 -2005. Identified target hot spots of the Mediterranean fruit fly for eradication efforts in Guatemala, and of sugarcane weevil, and the Lobate Lac scale in Florida based on GIS applications.
- Postdoctoral Investigator: University of Florida, FL. 1999-2002. Subterranean termite population expansion in Florida using tunneling behavior and fractal analysis.
- Statistical Consultant: Field Veterinary Medicine. N.Y. 1993-1999. Monitoring disease spread in wildlife populations: Macaws, Guanaco, Fur seals, Antelope, Elephant, Penguins, Buffalo, Duiker, and Black spider monkey. Wildlife Conservation Society (WCS).
- Mathematical Modeling Consultant: N.Y. Medical College. Entomology Lab. NY. 1993-1994. Using mathematical models to asses risk of encounter and identify factors producing cycles in populations of the deer tick, vector of Lyme disease.
- Research Assistant: University of Florida. Gainesville, FL. 1989-1991. Dispersal and Migratory behavior of thrips on the epidemiology of the tomato spotted wilt virus.