

## PAST RESEARCH

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- Postdoctoral Research Associate. University of Illinois at Chicago (UIC). **2007- present**  
Assessed risk of establishment of endangered and invasive thistles; projecting 5,350 M costs/year.
- Consultant: University of Florida, USDA, ARS, FL. **2005 - 2007**  
Assessed quantitative risk of invasive paths of subterranean termites in FL;  
Projected \$45M control costs/year.
- Research Entomologist: USDA, ARS, SHRS, FL. **2002 - 2005**  
Identified target hot spots of the Mediterranean fruit fly for eradication efforts in Guatemala.  
Reduced operating costs over \$75K.
- Postdoctoral Investigator: University of Florida, FL. **1999 - 2002**  
Subterranean termite population expansion in Florida. Saved \$20M on termite control.
- Statistical Consultant: Field Veterinary Medicine. N.Y. WCS **1993 - 1999**  
Monitored disease spread in wildlife populations; implemented cost reduction saving \$3M.
- Mathematical Modeling Consultant: N.Y. Medical College. Entomology Lab. NY. **1993 - 1994**  
Assessed risk of disease, and identified factors producing cycles in populations of the deer tick,  
vector of Lyme disease; projected \$197M on prevention costs, and net savings of 1,227 M.
- Research Assistant: University of Florida. Gainesville, FL. **1989 - 1991**  
Assessed dispersal and migratory behavior of thrips on the epidemiology of the tomato spotted wilt  
virus. Mitigated disease-caused losses representing \$13M net savings.