

INVITED TALKS

- University of Illinois at Chicago, Chicago, IL. NOV 2007. Seed and Pollen Dispersal of Invasive and Native Plants.
- Chicago Botanic Garden. Glencoe, IL. March 2007. The Mysterious case of the Mathematical Models: Application to Insect Dispersal.
- Brookfield Zoo, Brookfield, IL. NOV 2006. Forecasting Insect Dispersal Using Mathematical Models. Presented at the Meeting on “Metamodels: Developing Novel Approaches to Biocomplexity in Endangered Species Management.”
- University of Illinois at Chicago, IL .NOV 14, 2006. “Ecological Detective: Applying Mathematical Models to the Study of Dispersal.”
- Florida Pest Management Association (FPMA) Termite Symposium. Maitland, FL, Dec. 13, 2002. Lecture: Tunneling Geometry of Subterranean Termites.
- 26th Annual Entomology Workshop, Florida A&M University, FL, NOV. 6-8, 2002. Foraging Behavior of Subterranean Termites.
- University of Florida. Fort Lauderdale, FL. JUL. 2002. Fractal Analysis to Study Foraging Strategy in the Rhinotermitidae. ENY 6934. Lecture and Lab.
 - Columbia University. Division of Environmental Health Sciences. New York, NY. NOV. 1995. Ticks and Lyme Disease: Population Models and Predictability.

CONFERENCE PRESENTATIONS 2001-present

- **Puche, H.**, and J. S. Brown. 2009. Predicting the response of *Cirsium pitcheri*, an endangered thistle, to insect seed predation using evolutionary game theory. Entomological Society of America. Indianapolis, IN. DEC 13-18
- **Puche, H.** and J. S. Brown. 2009. Evolutionary Game Theory and Invasive Species: an example with endangered and invasive thistles, *Cirsium pitcheri* and *C. arvense*. Ecological Society of America Annual Meeting. Albuquerque, NM. AUG 3-7.
- **Puche, H.** and J. Brown. 2008. Caching by urban squirrels as a link between research and education. 93rd Ecological Society of America Meeting. Milwaukee, WI. AUG3-8, 2008
- **H. Puche**, and N-Y Su. 2005. Movement of marked termites immediately after release in experimental arenas. The 2005 Entomological Society of America. Ft. Lauderdale, FL. Dec 15-18.
- **H. Puche**, T. J. Weisling, R. Schnell, N. D. Epsky, and R. R. Heath. 2004. Mobility of the silky cane weevil (Coleoptera:Curculionidae) in a screen enclosure. Florida Entomological Annual Meeting. JUL26-29. FL
- **H. Puche**, R. Schnell, T. Weissling, N. D. Epsky, R. R. Heath. 2004. Effect of sugarcane varieties and male pheromone patches on the mobility of the silky cane weevil, *Metamasius hemipterus* (Coleoptera: Curculionidae). Entomological Society of America Annual Meeting. 15 November
- P. E. Kendra, W. S. Montgomery, D. M. Mateo, **H. Puche**, N. D. Epsky, R. R. Heath. 2004. Effect of age on electroantennographic and behavioral responses of Caribbean fruit fly (Diptera: Tephritidae) to ammonia and carbon dioxide. Entomological Society of America Annual Meeting. 16 NOV
- **H. Puche**, P. E. Kendra, N. D. Epsky R. R. Heath, D. Midgarden, P. Rendon, and O. Ovalle. 2004. Effect of elevation and host availability on distribution of sterile and wild Mediterranean Fruit Flies. 5th Meeting of the Working Group on Fruit Flies of the Western Hemisphere. MAY 16-21. Fort Lauderdale, FL
- **H. Puche**, D. Midgarden, P. E. Kendra, R. R. Heath, and N. D. Epsky. 2003. Distribution and capture of sterile and fertile Mediterranean fruit flies in the Santa Maria region in Guatemala. Entomological Society of America Annual Meeting. Cincinnati, OH. OCT 26-29.

- **H. Puche** and N-Y. Su. 2002. Spatial distribution of marked termites (Isoptera: Rhinotermitidae) in laboratory arenas immediately after release. Fort Lauderdale, FL DEC 17-20.
- Su , Nan-Yao and **H. Puche**. 2001. Tunneling formation of subterranean termites in sand with moisture gradient. Florida Entomological Society. Hutchinson Island, FL . AUG 5-8.
- **H. Puche** and Nan-Yao Su. 2001. Effective sampling area of a monitoring station for population estimates of Formosan subterranean termites (Isoptera: Rhinotermitidae). Entomological Society of America Annual Meeting. San Diego, CA. DEC 9-12.