

SOUTHERN INSECT MANAGEMENT
RESEARCH UNIT
USDA-ARS
Mid South Area

Mission

- *The mission of the Southern Insect Management Research Unit (SIMRU) is to generate new knowledge of arthropod pest biology, ecology and management and integrate this knowledge into contemporary farming systems that will promote economical and environmentally stable pest management practices for the southern U.S.*
- *The vision of SIMRU is to be a recognized center of innovation for negating agricultural pest problem through deployed scientific knowledge of pest biology, ecology and management options.*

CRIS PROJECT

Insecticide Resistance Management and New Control Strategies for Pests of Corn, Cotton, Sorghum, Soybean, and Sweetpotato

PROJECT INVESTIGATORS

- Clint Allen
- Randall Luttrell (Project Leader)
- OP Perera
- Gordon Snodgrass
- Yu Cheng Zhu

CRIS PROJECT

Control of Tarnished Plant Bugs by Biocontrol and Other Methods

PROJECT INVESTIGATORS

- Randall Luttrell
- Maribel Portilla
- Gordon Snodgrass (Project Leader)

CRIS PROJECT

Effect of Resistance on Insect Pest Management in Transgenic Cotton

PROJECT INVESTIGATORS

- Clint Allen
- Randall Luttrell
- **OP Perera (Project Leader)**
- Maribel Portilla

SEMINAR ANNOUNCEMENT

"A multi-scale approach to manage the tarnished plant bug in the Mississippi Delta"



Manuel Colunga-Garcia
Center for Global Change and Earth Observations
East Lansing, MI

Manuel Colunga-Garcia is originally from Mexico and currently resides in Central Michigan. His Ph.D. research in Entomology focuses on the interactions between landscape structure and ladybird beetles in field crop ecosystems. He participated in the Long-Term Ecological Research program for Agricultural Ecology (KBS-LTER) and currently works in the Center for Global Change and Earth Observations at Michigan State University. His current research uses trade intelligence data and geospatial analysis to determine invasion hotspots of invasive pests in agricultural and forest systems (in partnership with USDA-APHIS and USFS).

**1st Floor Conference Room
August 14, 2013 at 10:00 a.m.**

Hosted by: SIMRU

SEMINAR ANNOUNCEMENT

"From the swamp to the delta: Investigating the ecology of plant-insect interaction"



Dr. Katherine Parys
USDA-ARS Southern Insect Management Research Unit
Stoneville, MS

Dr. Katherine Parys obtained her Ph.D. from the Department of Entomology at Louisiana State University in 2011. Her dissertation research focused on the biological control of *Sabimnia* and other aquatic weeds as well as biodiversity and community structure of insects associated with mats of aquatic invasive vegetation. She has previously worked on projects in aquatic ecology, taxonomy, and science education and has a strong interest in scientific photography. Currently she is working with USDA-ARS, SIMRU as a Post Doc on the ecology of the tarnished plant bug.

**JWDSRC 1st Floor Conference Room
August 15, 2013 at 10:00 a.m.**

Hosted by: SIMRU

SIMRU 2013 Students' Posters



AUGUST BIRTHDAYS CELEBRATION

Katherine

