Urban pest management

Helen Spafford, Entomologist
Plant and Environmental Protection Sciences
College of Tropical Agriculture and Human Resources
University of Hawai‘i at Mānoa
Key to successful pest management

• Identify the pest
• Know its weak links
• Have effective tools for management
Can you identify this insect?
Can you identify this insect?
Can you identify these insects?
Can you identify these insects?
Can you identify these insects?
Can you identify this insect?
How did you do?

• Most people correctly identified the ants
• Few can correctly identify any of the other insects
• Is that a problem?
• Information → Response
Bed bugs

• Infestations are on the rise everywhere
• People are not able to identify them
• Larger infestations are more difficult to eradicate, easier to spread
• So what do we do?
• Educate
Workshops

• Identify
• Dispel myths about infestation
• Prevention
• Very successful
Regional survey

- Determine pest control operator practice
- Property managers
- General public
- Baseline information to determine the next step
  - Research
  - Extension
Other projects

• Termite management
• Biosecurity
Mahalo!

Helen Spafford
helen.spafford@hawaii.edu