



United States Department of Agriculture  
Research, Education, and Economics  
Agricultural Research service

## 34<sup>th</sup> APIARY INSPECTOR'S WORKSHOP

MARCH 2 AND 3, 2010

### March 2 Beltsville Agricultural Research Center, Room 021, Bldg. 005, Beltsville, Maryland

- 10:30 a.m. Call to Order – Mr. Bart Smith, BRL, USDA-ARS
- 10:35 Introductory Remarks – Dr. Jeff Pettis, Research Leader, BRL, USDA-ARS
- 10:40 Welcome – Dr. Wanda Collins, Plant Sciences Institute Director, USDA-ARS
- 10:45 The Parasitic Bee Mite *Tropilaelaps clareae* – Dr. Jeff Pettis, Research Leader, BRL, USDA-ARS
- 11:15 The Possible Role of Viruses in Honey Bee Colony Collapse Disorder – Dr. Judy Chen, BRL, USDA-ARS
- 11:45 Lunch
- 1:10 p.m. National Honey Bee Survey – Dr. Robyn Rose, USDA-APHIS
- 1:40 APHIS Regulation of Honey Bee Imports – Dr. Colin Stewart, USDA-APHIS
- 2:00 The Relationship of AHB and Nectar Flows – Dr. Wayne Esaias, NASA Goddard Space Flight Center, MD
- 2:30 The Status of Small Hive Beetles in the Mid Atlantic – Mr. Mike Embrey, Univ. of MD
- 3:00 Break
- 3:15 Investigating the Host-Parasite Equilibrium of Domestic Honey Bees Surviving Unassisted with Varroa –  
Dr. Wyatt Mangum, Univ. of Mary Washington
- 3:45 Honey Bee Microbes – Dr. Jay Evans and Ms. Margaret Smith, BRL, USDA-ARS
- 4:15 Honey Bee Pest Genomics – Dr. Scott Cornman, BRL, USDA-ARS
- 4:45 Nosema Disease Treatment Options – Mr. Dennis van Englesdorp, Penn State Univ.
- 5:15 Adjourn

### March 3 Room 021, Building 005

- 8:00 a.m. 2009 NY Nosema Survey Results – Mr. Paul Cappy, NY Department of Agriculture and Markets
- 8:30 Assessment of Sublethal Effects of Imidacloprid on the Bee Colony – Dr. Galen Dively, Univ. of MD
- 9:00 Sublethal Effects of Pesticides on Honey Bee Health and Behavior – Ms. Josephine Johnson, Univ. of MD
- 9:30 Break
- 9:45 Mating Health of Honey Bee Queens – Ms. Jennifer Keller, NC State Univ.
- 10:15 Genetic Heritage and Characterization of U.S. Honey Bee Populations – Dr. Deborah Delaney, Univ. of DE
- 10:45 From Samples to Cells: Looking for New Pathogens – Mr. Mike Andree, Penn State Univ.
- 11:15 New Findings Regarding Pesticides and Honey Bee Health – Mrs. Maryann Frazier, Penn State Univ.
- 11:45 Lunch
- 1:00 p.m. **MAAREC Meeting - Room 021, Building 005, Beltsville**
- 1:15 **Bee Research Laboratory Open House - Building 476, BARC-E, Beltsville**

Foulbrood Diagnosis

Testing AFB for Sensitivity to Terramycin and Tylosin

Nosema Disease and Tracheal, Varroa, and *Tropilaelaps* Mite Diagnosis

Molecular Diagnostics

2-12-2010



Bee Research Laboratory  
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