



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

33rd APIARY INSPECTOR'S WORKSHOP MARCH 4 AND 5, 2008

March 4 Beltsville Agricultural Research Center, Room 021, Bldg. 005, Beltsville, Maryland

- 10:30 a.m. Introductory Remarks – Dr. Jeff Pettis, Research Leader, BRL, USDA-ARS
- 10:40 The Myths and Mysteries of CCD – Dr. Jeff Pettis, Research Leader, BRL, USDA-ARS
- 11:10 Molecular Forensics and Bee Diseases – Dr. Jay Evans, BRL, USDA-ARS
- 11:40 Molecular Detection of Viruses in Honey Bees – Mrs. Michele Hamilton, USDA-ARS
- 11:55 Lunch
- 1:20 p.m. NASA Honey Bee Project – Dr. Wayne Esaias, NASA Goddard Space Flight Center, MD
- 2:00 APHIS Bee Issues and National Bee Disease Survey – Dr. Colin Stewart, USDA-APHIS
- 2:30 Break
- 2:50 A Semi-Feral Population of Domestic Bee Colonies Surviving Untreated with Varroa – Dr. Wyatt Mangum, University of Mary Washington
- 3:30 Back-Up Pollinators: Bumble Bees and Other Solitary Bees – Mr. Mike Embrey, University of MD
- 4:00 Native Bee Pollinator Project – Dr. Dewey Caron, University of DE
- 4:30 Varroa Mite Treatment Options – Keith Tignor, VA Department of Agriculture
- 5:00 Adjourn

March 5 Room 021, Building 005

- 8:00 a.m. 2007 Fall Survey for Nosema Disease – Paul Cappy, NY Department of Agriculture
- 8:35 What We Know About *Nosema ceranae* – Dr. Judy Chen, BRL, USDA-ARS
- 9:10 CCD Where We Are and Where We Are Going – Mr. Dennis van Englesdorp, PA Department of Agriculture
- 9:45 Break
- 10:05 Factors Impacting Varroa Monitoring and Population Growth – Dr. Nancy Ostiguy, PA State Univ.
- 10:40 Pathogens and Parasites Plaguing Bees: Potential Role in CCD – TBA
- 11:15 The Potential Impact of Pesticides on Honey Bee Health – Maryann Frazier, PA State Univ.
- 11:50 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
- Tracheal, Varroa, and *Tropilaelaps* Mite Diagnosis
- Testing AFB for Sensitivity to Terramycin and Tylosin
- Honey Bee Genomics



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