

The Bee Research Laboratory Invites You to Our Second

# Open House



## Bee Research Laboratory

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**June 21, 2011 10:00 a.m. – 3:30 p.m.**

Lunch on your own

<http://www.ars.usda.gov/News/News.htm?modecode=12-75-05-00>

Drawings by Rebecca Clark



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

## Bee Research Laboratory Open House

Tuesday, June 21, 2011

The Bee Research Laboratory will host an open house for the public to highlight honey bee research activities conducted at the nation's capital by the USDA Agriculture Research Service.

### Schedule of Events:

10:00 a.m. – 12:00 noon Each 30 minute activity will be repeated 4 times during the morning.

**Station 1. Colony Inspection and Nutrition – Miguel Corona and Bart Smith**

Colonies will be opened and checked for honey bee disease, pests and parasites. Feeding methods for protein and sugar syrup will be demonstrated and discussed.

**Station 2. Queen Rearing in the Bee Yard – Nathan Rice and Andy Ulsamer**

See techniques used in the apiary to rear queens on a small and large scale.

**Station 3. The APHIS National Bee Pest Survey – Jeff Pettis and Vic Levi**

See a demonstration of field collection methods being used to check for exotic pests in the U.S., including how to look for the Asian mite *Tropilaelaps*.

**Station 4. Testing Bees for Pesticide and Pathogen Effects – Michele Hamilton, Jody Johnson, Ryan Schwarz, and Margaret Smith**

Find out how we challenge bees to determine their susceptibility to pesticides and pathogens, including *Nosema* and viral infections.

12:00 noon – 1:30 p.m. Lunch on your own at local area restaurants, or bring your own food.

1:30 – 3:30 p.m. Each 30 minute activity will be repeated 4 times during the afternoon.

**Station 5. Research Round Table – Jeff Pettis, Miguel Corona, Sam Zhang and others**

Bee Lab scientists will present a summary of their research and some of the latest findings in the field of apiculture, along with a question and answer session.

**Station 6. How APHIS National Bee Pest Survey Samples Are Analyzed – Robyn Rose, Vic Levi, Dawn Lopez, Karen Rennich, and Margaret Smith**

The survey team will show how the field-collected samples are examined in the lab, discuss survey results to-date and the overall goals of the APHIS National Survey.

**Station 7. Unraveling the Genetic Code of Pests and Diseases – Judy Chen, Scott Cornman, and Jay Evans**

Hear how BRL scientists are working to understand pests and pathogens and how this knowledge can then be used to design novel new controls.

**Station 8. Bee Disease Diagnostic Lab – Sam Abban, Andy Ulsamer and Bart Smith**

See an exhibit of common honey bee pests and diseases and observe techniques used for field and laboratory identifications.

Please bring and use protective equipment when visiting and observing activities in the bee yard.

The open house will take place rain or shine.

Additional information can be found at <http://www.ars.usda.gov/News/News.htm?modecode=12-75-05-00> or by contacting [Bart.Smith@ars.usda.gov](mailto:Bart.Smith@ars.usda.gov).



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