

January 30, 2014

- 8:00 Registration
8:20 **Mr. Grant Hicks:** President, Beekeepers Commission of Alberta, *Opening Statement.*

Bees and the Environment

- 8:30 **Dr. Karl Crailsheim:**
Honey Bee Health and Environmental Impacts
9:15 **Mr. Scott Meers:**
Bugs and Bees Where Spray Hits the Field

10:00 Coffee
10:30 **Dr. Madeleine Chagnon:**
Title :Neonicotinoid – Coated Seeds Impacts on Honey Bees, Bumblebees and Water Contamination

11:15 **Mr. Kurt Randell**
Pest Management Regulatory Agency Progress Towards Neonicotinoids and Bee Safety

12:00 Lunch

Bee Biology

- 1:15 **Dr. Karl Crailsheim:**
Honey Bee Nutrition; Keeping Healthy Bees

2:00 **Dr. Amro Zayed:**
The Blight of Bees is it Caused by loss of genetic diversity?
2:45 Coffee
3:15 **Dr. Shelley Hoover:**
Cross Transmission of pathogens in Bee Species

3:50 **Cody Thompson:**
Using Math to Study Honey Bees

4:20 **Beekeepers Commission of Alberta Meeting**

5:00 Adjourn

January 31, 2014

- 8:30 **Mr. Rheal Lafreniere**
Canadian Professional Apiculturists and Bee Industry in Canada: Going Forward

Bee Pests and Treatments

- 9:00 **Dr. Ernesto Guzman:** *The Honey Bee Immune Response to Pathogens*

9:45 **Dr. Rob Currie**
Varroa Population Dynamics: Impacts of Breeding and Treatments Thresholds

10:30 Coffee

11:00 **Mr. Gerry Hayes**
Monsanto Honey Bee Health Review

11:40 **Dr. Medhat Nasr:**
Effective New Treatment for Varroa Mites on the Way

12:15 Lunch

Bee Program Services

- 1:15 **Dr. Hernan Ortegon and Dr. Medhat Nasr:**
Improving Honey Bee Industry through the Biosecurity program

1:45 **Mr. Murray Gervais**
Alberta Apiculture Program in Cyber space (All services on line)

2:15 **Mr. Gerry Hayes:**
Africanized Honey Bee: What we know and What we learned

3:00 **Emmanuel Laate:**
Economic of Beekeeping: Cost, return and Losses

3:30 Adjourn

Speakers

Dr. Madeleine Chagnon: Professor Department of Environmental Sciences at University of Quebec, Montreal, QC.

Dr. Karl Crailsheim: Dean of the Faculty of Science, Professor at Department of Zoology, Karl-Franzens-University Graz, Graz, Austria.

Dr. Rob Currie, Chair of Department of Entomology, University of Manitoba, Winnipeg, MB.

Mr. Grant Hicks: President of Beekeepers Commission of Alberta. Commercial beekeeper, McLennan, AB.

Dr. Shelley Hoover: Apiculture Research Scientist, Pest Surveillance Branch, Alberta Agriculture and Rural Development, Lethbridge, AB.

Mr. Murray Gervais, Application and Change Architect, IT Programmer, Alberta Agriculture and Rural Development, Edmonton, AB.

Dr. Ernesto Guzman. School of Environmental Sciences, University of Guelph, ON.

Mr. Gerry Hayes, Monsanto Beeologics lead, St Louis, MO, USA .

Mr. Rheal Lafreniere, President of Canadian Association of Professional Apiculturist, Manitoba Provincial Apiculturist. Winnipeg, MB.

Mr. Emmanuel Laate: Economics Branch, Alberta Agriculture and Rural Development, Edmonton, AB.

Mr. Scott Meers: Insect Management Specialist, Pest Surveillance Branch, Alberta Agriculture and Rural Development, Brooks AB.

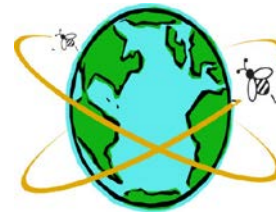
Dr. Medhat Nasr: Provincial Apiculturist, Pest Surveillance Branch, Alberta Agriculture and Rural Development, Edmonton, AB.

Dr. Hernan Ortegon Section Head, Animal Health Programs, Animal Health and Laboratory Division, Alberta Agriculture and Rural Development, Edmonton, AB.

Mr. Kurt Randall. Insecticides Section, Pest Management Regulatory Agency , Health Canada , Ottawa, ON.

Mr. Cody Thompson: M. Sc. Candidate- University of Guelph, Guelph, ON.

Dr. Amro Zayed: Department of Biology, York University, Toronto, ON.



Beekeeping for the Future

Integrated Beekeeping Systems-2014

**Offered by
Alberta Agriculture and Rural
Development and
Beekeepers Commission of Alberta**

January 30 and 31, 2014