

Canadian National Beekeeping Convention

Agenda February 6 – 8, 2025



Thursday February 6, 2025	
7:00 AM – 6:00 PM	CAPA AGM, St. Laurent room (closed meeting)
8:00 AM – 5:00 PM	CHC AGM, Lady Elgin room
5:00 – 6:00 PM	Registration opens
7:00 PM	Evening mixer

Friday February 7, 2025 – Pearson Room	
7:30 – 9:30 AM	CAPA meeting continues for CAPA members (St. Laurent room)
9:00 – 10:00 AM	Registration, presentation upload, coffee
10:00 – 10:45 AM	Welcome and keynote speaker
10:45 – 12:00 AM	Presentations, panel
12:00 - 1:00 PM Lunch (included)	
1:00 - 3:00 PM	Presentations, panel
3:00 - 3:30 PM Coffee break	
3:30 - 5:30 PM	Presentations, panel
7:00 PM	Banquet, Pearson room (included)

Saturday February 8, 2025 – Pearson Room	
8:00 - 8:30 AM	Registration, presentation upload, coffee
8:30 - 10:00 AM	Presentations, panel
10:00 - 10:30 AM Coffee break	
10:30 AM- 12:00 PM	Presentations, panel
12:00 PM	Closing remarks

Agenda February 7, Pearson Room

9:00 – 10:00 AM Registration, Coffee & Presentation Upload

10:00 – 10:45 AM
Welcome: Rod Scarlett
Keynote speaker: Priya Chakrabarty Basu, Washington State University
 Understanding the bee nutrition habitat and how to nutritionally manage colonies when needed

10:45 – 11:30
Alison McAfee, University of British Columbia
 Parallel pheromone, metabolite, and lipid analyses reveal patterns associated with early life transitions and ovary activation in honey bee queens
Andrée Rousseau, Centre de recherche en sciences animales de Deschambault
 Impact of *Varroa destructor* Infestation on the survival, quality, and performance of queens overwintered in banks
Abigail Chapman, University of British Columbia
 The case of the bad queen cells

11:30 AM – 12:00 PM
PANEL: Challenges and benefits of domestic queen production vs imports
Moderator –Abigail Chapman
Panelists – Maggie Lamothe-Boudreau, Geoff Wilson, Alison Van Alten

12:00 – 1:00 PM Lunch Break

1:00 – 3:00 PM
Rassol Bahreini, University of Alberta
 The challenges in integrated management of Laelapidae mites
Heather Broccard-Bell, NOD Apiary Products Ltd.
 Varroa control with Formic Pro: An overview of theoretical and applied research on formic acid
Stephen Pernal, Agriculture and Agri-Food Canada
 Evaluation of a new Acaricide against *Varroa destructor*
Alvaro De la Mora Pena, University of Guelph
 Higher immune responses and changes in the metabolome of honey bees selected for low *Varroa destructor* population growth
Olav Rueppell, University of Alberta
 Lethality of the viral landscape in Alberta's apiculture
Midhun Jose, University of Saskatchewan
 Efficacy of oxytetracycline, lincomycin, and tylosin as treatments for a clinical outbreak of EFB in Saskatchewan
Courtney MacInnis, University of Lethbridge
 Coming in hot: How temperature affects the growth and development of *Lotmaria passim*
Jemma Todoschuk, University of Lethbridge, CAPA PhD Winner
Vairimorpha (Nosema) ceranae effects on honey bee (*Apis mellifera*) foraging behaviours

3:00 – 3:30 PM Coffee Break

3:30 – 5:00 PM
Debbie Seib, American Beekeeping Federation
Title to be confirmed
M. Marta Guarna, Project Apis m.
 Update on Project Apis m. and the applied research we support on honey bee queens, and on emerging threats
Victoria Wojcik, Pollinator Partnership Canada
 Update on tools to safeguard and protect Canadian pollinators from agrochemicals
Scott Ross Canadian Federation of Agriculture
Title to be confirmed
Speaker– to be confirmed
Speaker– to be confirmed

5:00 – 5:30 PM
PANEL: Tropilaelaps strategy
Moderator –Jeremy Olthof
Panelists – Derek Micholson, Ian Steppler, Debbie Seib, Paige Marchant

7:00 PM Banquet, Pearson Room

Speaker: Pierre Patelle, President and CEO of CropLife Canada

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Agenda February 8, Pearson Room



8:00 – 8:30 AM Registration, Coffee & Presentation Upload

8:30 – 9:30 AM

Priya Chakrabarty Basu, Washington State University
Impacts of climate change and other stressors on bee nutrition

Shelley Hoover, University of Lethbridge
Climate and canola pollination

Mireille Levesque, Centre de recherche en sciences animales de Deschambault
Commercial pollinator density and lowbush blueberry yield in Québec, Canada : an agro-economic study

Laurence Plamondon, Centre de recherche en sciences animales de Deschambault
Effects of various sugars for fall feeding on honey bee colonies' survival, health and productivity

9:30 – 10:00 AM

PANEL: Packages, nucs, splits –what, when, why? Better or worse?
Moderator – To be confirmed
Panelists – To be confirmed

10:00 – 10:30 AM Coffee Break

10:30-11:30 AM

Moderator: Rassol Bahreini

Brendan Daisley, University of Guelph
Updates from the Canadian Bee Gut Project: Advances in microbiota-targeted therapies for honey bee health and disease management

Nuria Morfin and Medhat Nasr, Technology Transfer Team Leads BC and SK
From East to West: 2024 Updates on Canadian Tech Transfer Programs in Apiculture

Heidi, Ben, Rebecca– International Meeting of Young Beekeepers
Title to be confirmed

Amro Zayed, York University
Africanised bees

Speaker and title to be confirmed CAPA MSc Winner

11:30 AM-12:00 PM

PANEL: Honey – adulteration, trade, testing, price
Moderator – To be confirmed
Panelists – To be confirmed

12:00-12:30 PM

Speaker – Featured Beekeeper (30 min)

12:30 PM Concluding Remarks – Rod Scarlett