



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
7:30 PM	Social Gathering: D'Arcy McGee's (44 Sparks Street)

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

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 - 12:30 PM	Presentations, panel
12:30 PM	Closing remarks



Canadian National Beekeeping Convention



Canadian Honey Council

Friday February 7, Pearson Room

CAPA / ACPA

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

10:00 - 10:45 AM	<p>Welcome: Rod Scarlett</p> <p>Keynote speaker Priya Chakrabarty Basu, Washington State University Understanding the bee nutrition habitat and how to nutritionally manage colonies when needed (40 min)</p>
10:45 - 11:30	<p>Moderator: Shelley Hoover</p> <p>Alison McAfee, University of British Columbia Parallel pheromone, metabolite, and lipid analyses reveal patterns associated with early life transitions and ovary activation in <u>honey bee</u> queens (15 min)</p> <p>Andrée Rousseau, Centre de recherche en sciences animales de Deschambault Impact of <i>Varroa destructor</i> Infestation on the survival, quality, and performance of queens overwintered in banks (15 min)</p> <p>Abigail Chapman, University of British Columbia The case of the bad queen cells (15 min)</p>
1:30 AM - 12:00 PM	<p>PANEL: Challenges and benefits of domestic queen production vs imports</p> <p>Moderator - Abigail Chapman</p> <p>Panelists - Maggie Lamothe-Boudreau, Alison Van <u>Alten</u>, Pierre Giovenazzo</p>

12:00 - 1:00 PM Lunch Break

1:00 - 3:00 PM	<p>Moderator: Courtney MacInnis</p> <p>Rassol Bahreini, University of Alberta The challenges in integrated management of <u>Laelapidae</u> mites (15 min)</p> <p>Heather Broccard-Bell, NOD Apiary Products Ltd. <i>Varroa</i> control with Formic Pro: An overview of theoretical and applied research on formic acid (15 min)</p> <p>Stephen Pernal, Agriculture and Agri-Food Canada Evaluation of a new acaricide against <i>Varroa destructor</i> (15 min)</p> <p>Alvaro De la Mora Pena, University of Guelph Higher immune responses and changes in the metabolome of <u>honey bees</u> selected for low <i>Varroa destructor</i> population growth (15 min)</p> <p>Olav Rueppell, University of Alberta Lethality of the viral landscape in Alberta's apiculture (15 min)</p> <p>Midhun Jose, University of Saskatchewan Efficacy of oxytetracycline, lincomycin, and <u>tylosin</u> as treatments for a clinical outbreak of EFB in Saskatchewan (15 min)</p> <p>Courtney MacInnis, University of Lethbridge Coming in hot: How temperature affects the growth and development of <i>Lotmaria passim</i> (15 min)</p> <p>Jemma Todoschuk, University of Lethbridge, CAPA PhD Winner <i>Vairimorpha (Nosema) ceranae</i> effects on <u>honey bee</u> (<i>Apis mellifera</i>) foraging behaviours (15 min)</p>
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3:00 - 3:30 PM Coffee Break

3:30 - 5:00 PM

Moderator: Brendan Daisley

Debbie Seib, American Beekeeping Federation

Update from the American Beekeepers Federation **(15 min)**

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 **(15 min)**

Victoria Wojcik, Pollinator Partnership Canada

Update on tools to safeguard and protect Canadian pollinators from agrochemicals **(15 min)**

Scott Ross, Canadian Federation of Agriculture

Influencing Government **(15 min)**

Jay Parsons, Agriculture and Agri-food Canada

AAFC Farm Animal Production Systems Portfolio **(15 min)**

Nuria Morfin and Medhat Nasr, University of Manitoba and Technology Transfer Team Lead SK

From East to West: 2024 update on Canadian tech transfer programs in apiculture **(15 min)**

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



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

8:30 - 10:00 AM

Moderator: Nuria Morfin

Priya Chakrabarty Basu, Washington State University

Impacts of climate change and other stressors on bee nutrition **(15 min)**

Shelley Hoover, University of Lethbridge

Climate and canola pollination **(15 min)**

Pierre Giovenazzo, Centre de recherche en sciences animales de Deschambault

Commercial pollinator density and lowbush blueberry yield in Québec, Canada : an [agro-economic study](#) **(15 min)**

Laurence Plamondon, Centre de recherche en sciences animales de Deschambault

Effects of various fall feeding sugar sources on survival, health, and productivity of [honey bee colonies](#) (*Apis mellifera* L.) **(15 min)**

Stéphane Bayen, McGill University

Novel analytical approaches for characterizing the floral origin and the quality of honey **(30 min)**

10:00 - 10:30 AM Coffee Break

10:30 - 11:30 AM

Moderator: Rassol Bahreini

Amro Zayed, York University

Africanized honeybees and how to find them! **(15 min)**

Brendan Daisley, University of Guelph

Updates from the Canadian Bee Gut Project: Advances in microbiota-targeted therapies for [honey bee](#) health and disease management **(15 min)**

Heidi Westbye, Ben Marshall, Rebecca Wood, Team Canada Junior Beekeepers

Report from the 2024 International Meeting of Young Beekeepers **(15 min)**

Victoria Ferland, Université Laval, CAPA MSc Winner

Combining brood interruption and oxalic acid treatment for summer control of *Varroa destructor* in *Apis mellifera* colonies **(15 min)**

11:30 AM - 12:00 PM

PANEL: Canadian Honey Council

Moderator - Rod Scarlett

Panelists - Maggie Lamothe-Boudreau, Jake Berg, Lorne Prins, Albert Devries

12:00 - 12:30 PM

Featured Beekeepers

Neil Specht, Sweetheart Pollinators **(15 min)**

Ron Greidanus, [Greidanus Honeybee Farm](#) **(15 min)**

12:30 PM Concluding Remarks – Rod Scarlett