



Canadian National Beekeeping Convention



Canadian Honey
Council

February 6 – 8, 2025

CAPA / ACPA

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



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

10:00 - 10:45 AM	<p>Welcome: Rod Scarlett Keynote speaker Priya Chakrabarti 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 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 (15 min) 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) Abigail Chapman, University of British Columbia The case of the bad queen cells (15 min)</p>
11:30 AM - 12:00 PM	<p>PANEL: Challenges and benefits of domestic queen production vs imports Moderator - Abigail Chapman Panelists - Maggie Lamothe-Boudreau, Alison Van Alten, Pierre Giovenazzo</p>

12:00 - 1:00 PM Lunch

1:00 - 3:00 PM	<p>Moderator: Brendan Daisley Heather Broccard-Bell, NOD Apiary Products Ltd. Varroa control with Formic Pro: An overview of theoretical and applied research on formic acid (15 min) Rassol Bahreini, University of Alberta The challenges in integrated management of <i>Laelapidae</i> mites (15 min) Stephen Pernal, Agriculture and Agri-Food Canada Evaluation of a new acaricide against <i>Varroa destructor</i> (15 min) Alvaro De la Mora Pena, University of Guelph Higher immune responses and changes in the metabolome of honey bees selected for low <i>Varroa destructor</i> population growth (15 min) Courtney MacInnis, University of Lethbridge Coming in hot: How temperature affects the growth and development of <i>Lotmaria passim</i> (15 min) Olav Rueppell, University of Alberta Lethality of the viral landscape in Alberta's apiculture (15 min) Midhun Jose, University of Saskatchewan Efficacy of oxytetracycline, lincomycin, and <i>tylosin</i> as treatments for a clinical outbreak of EFB in Saskatchewan (15 min) Jemma Todoschuk, University of Lethbridge, CAPA PhD Winner <i>Vairimorpha (Nosema) ceranae</i> effects on honey bee (<i>Apis mellifera</i>) foraging behaviours (15 min)</p>
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Friday February 7, Pearson Room

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3:00 - 3:30 PM Coffee Break

<p>3:30 - 5:00 PM</p>	<p>Moderator: Courtney MacInnis Debbie Seib, American Beekeeping Federation Update from the American Beekeepers Federation (15 min) M. Marta Guarna, Project Apis m. Update on Project <i>Apis m.</i> 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) 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) Jay Parsons, Agriculture and Agri-food Canada AAFC strategic plan for science for the next decade(15 min)</p>
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<p>5:00 - 5:30 PM</p>	<p>PANEL: Tropilaelaps strategy Moderator - Jeremy Olthof Panelists - Derek Micholson, Ian Steppler, Debbie Seib, Paige Marchant</p>
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7:00 PM Optional Banquet, Pearson Room

Speaker: Pierre Patelle, President and CEO of CropLife Canada



8:00 - 8:30 AM Breakfast & Presentation Upload

8:30 - 10:00 AM	<p>Moderator: Nuria Morfin Priya Chakrabarti Basu, Washington State University Impacts of climate change and other stressors on bee nutrition (15 min)</p> <p>Shelley Hoover, University of Lethbridge Climate and canola pollination (15 min)</p> <p>Pierre Giovenazzo, Université Laval Commercial pollinator density and lowbush blueberry yield in Québec, Canada : an <u>agro-economic</u> study (15 min)</p> <p>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 (<i>Apis mellifera</i> L.) (15 min)</p> <p>Stéphane Baven, McGill University Novel analytical approaches for characterizing the floral origin and the quality of honey (30 min)</p>
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10:00 - 10:30 AM Coffee Break

10:30 - 11:30 AM	<p>Moderator: Rassol Bahreini Amro Zayed, York University Africanized honeybees and how to find them! (15 min)</p> <p>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)</p> <p>Heidi Westbye, Ben Marshall, Rebecca Wood, Team Canada Junior Beekeepers Report from the 2024 International Meeting of Young Beekeepers (15 min)</p> <p>Victoria Ferland, Université Laval, CAPA MSc Winner Combining brood interruption and oxalic acid treatment for summer control of <i>Varroa destructor</i> in <i>Apis mellifera</i> colonies (15 min)</p>
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11:30 AM - 12:00 PM	<p>PANEL: Canadian Honey Council Moderator - Rod Scarlett Panelists - Maggie Lamothe-Boudreau, Jake Berg, Lorne Prins, Albert Devries</p>
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12:00 - 12:30 PM	<p>Featured Beekeepers Neil Specht, Sweetheart Pollinators (15 min) Ron Greidanus, Greidanus Honeybee Farm (15 min)</p>
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12:30 PM Concluding Remarks – Rod Scarlett