



# 2024-25 NAPPC Grantee Reporting Symposium

## Honey Bee Health

Wednesday, April 30 from 10:30am - 1:00pm PT / 1:30pm - 4:00pm ET

10:30 - 10:33 PT / 1:30 - 1:33 ET	Opening from <b>Shannon Farmer</b> , NAPPC Manager
10:33 - 10:43 PT / 1:33 - 1:43 ET	<b>Dr. Esmaeil Amiri</b> and <b>Sagar Bhandari</b> , Delta Research and Extension Center, " <i>The impact of viral infection on honey bee queen reproduction quality</i> "
10:43 - 10:53 PT / 1:43 - 1:53 ET	<b>Cid M. Calderon Rodriguez</b> , University of Puerto Rico, " <i>Deformed Wing Virus (DWV) in Honey Bees from Puerto Rico</i> "
10:53 - 11:03 PT / 1:53 - 2:03 ET	<b>Sarah Red-Laird</b> , Bee Girl (BGO) " <i>American Bison as Bee Habitat Engineers</i> "
11:03 - 11:13 PT / 2:03 - 2:13 ET	<b>Dr. David R. Tarpy</b> , North Carolina State University, " <i>Artificial Selection of gut microbiome to investigate their impact on honey bee longevity and microbiome dynamics</i> "
11:13 - 11:28 PT / 2:13 - 2:28 ET	Q&A
11:28 - 11:38 PT / 2:28 - 2:38 ET	BREAK
11:38 - 11:48 PT / 2:38 - 2:48 ET	<b>Dr. Chia Hua-Lin</b> , The Ohio State University, " <i>Can mustard pollen mitigate Vairimorpha (Nosema) Infection in honey bee colonies?</i> "
11:48 - 11:58 PT / 2:48 - 2:58 ET	<b>Prof. Olav Rueppel</b> and <b>Dr. Alexander Walton</b> , University of Alberta, " <i>Social immunity in the queen's retinue</i> "
11:58 - 12:08 PT / 2:58 - 3:08 ET	<b>Austin Martin</b> , Temple University, " <i>The sustainability fix and political landscape drives of urban bee diversity and pathogen susceptibility: An urban political ecological perspective in Philadelphia and Montreal</i> "
12:08 - 12:18 PT / 3:08 - 3:18 ET	<b>Dr. Kaira Wagoner</b> , University of North Carolina at Greensboro, " <i>Development of a Beekeeper-Friendly Assay to Quantify Honey bee Varroa Resistance through Grooming</i> "
12:18 - 12:28 PT / 3:18 - 3:28 ET	<b>Dr. Sascha Nicklisch</b> , UC Davis, " <i>Chinks in the Armor: Exploring the role of ABC-type Efflux Pumps in the Varroa Chemical Defensome</i> "
12:28 - 12:45 PT / 3:28 - 3:45 ET	Q&A and Closing