

## PRESENTATION TOPICS

Dr. Keith Deleplane will be presenting the following topics and be on the final panel of the day: **Queen Rearing discussion Panel**

### Welcome & Keynote TBA Ballroom Main Bluebonnet Ballroom

**9:00 – 10:30 Out of Africa or out of Asia? Honey bee biogeography and what it means for beekeepers (keynote).** In spite of years' worth of research on honey bee origins, the geographic center of the species has never been fully resolved. This lecture brings beekeepers up to date on the ecologic and geologic forces that produced the modern honey bee and its 25+ subspecies and helps us understand many of the features of the honey bee that we see every day.

**Mutiny and other things that go wrong (besides mites) (breakout).** Mites and pesticides aren't the only things that cause colony decline. The complicated biology of the bees themselves is not perfect and often leads to mystifying deaths.

**Pollinator partnerships among bee species (breakout).** The latest research is showing that different bee species interact with honey bees to optimize crop pollination. This underscores that good pollination is never a matter of choosing one pollinator over another but rather promoting healthy honey bees and high-quality natural bee habitats.

### Getting Started Series Ballroom 2 – DADANT & SONS

**10:30 - 11:20 Tara Chapman Getting Started: Everything You Need to Know**

Taking the first steps towards beekeeping can seem overwhelming. This talk reviews the key aspects that affect you and your bees and will give you the confidence you need to get started.

**11:30 – 12:20 Chari & James Elam Bee Biology: A guide to Understanding your Hive**

Learn the life cycle of the honey bee and how it directly relates to the success of your bees.

**1:50 – 2:40 Tara Chapman All About Nutrition & Feeding**

Honey bee nutrition is a staple for honey bee health. Learn how to manage feeding in a practical approach to keeping your bees healthy. Bees need protein and carbohydrates as a part of their daily diet. Find out how to supplement them with what they need.

**2:50 – 3:40 Cameron Crane Advanced Hive Inspections**

This is a more in-depth look at your hives. Cameron will cover evaluating hive strength, brood patterns, stages of brood and queen health and how they change during the year.

**3:50 – 4:40 Chari & James Elam Annual Management**

A breakdown of beekeeper responsibilities as each month (season) requires. Nutrition, hive manipulation, bee/box ratio... just to name a few.

### Practical Beekeeping Ballroom 3 – MANN LAKE BEE & AG SUPPLY

**10:30 - 11:20 Chari & James Elam Best Management Practices for Urban Beekeepers**

Simplifying the responsibilities for beekeepers in order to be successful within the margins of urban environments.

**11:30 – 12:20 Dr. Keith Delaplane Mutiny and other things that go wrong (besides mites)**

Mites and pesticides aren't the only things that cause colony decline. The complicated biology of the bees themselves is not perfect and often leads to mystifying deaths.

**1:50 – 2:40 Lauren Ward Integrated Pest Management (IPM) for Honey Bees**

Integrated pest management (IPM) is a concept which helps beekeepers strategically combat pests and parasites in their hives while doing the least harm. This talk will cover IPM strategies for varroa mites, small hive beetles, and wax moths and applies to a broad spectrum of beekeeping styles.

**2:50 – 3:40 Dr. Keith Delaplane Pollinator partnerships among bee species**

The latest research is showing that different bee species interact with honey bees to optimize crop pollination. This

underscores that good pollination is never a matter of choosing one pollinator over another but rather promoting healthy honey bees and high-quality natural bee habitats.

**3:50 – 4:40 Charlie Agar Saving Bee and Sweetening Tea with Charlie Bee Company**

Bee removal work is a fast track to advanced beekeeping. Charlie will share his sometimes painful and often ridiculous experience as a bee removal pro. He will go through some basic methods and approaches to capture feral bees.

**Panel Discussions San Jacinto 1 – MOORE HONEY**

**10:30 - 11:20 Brittany Fetterman, Art Thomas, Cameron Crane, Stan Gore**

Beekeeper Hacks: Practical Management Practices Discussion Panel

**11:30 – 12:20 Justin Russell, Chris Moore, John (Skip) Talbert**

Commercial: Making the Jump to Commercial and staying in the Game

**1:50 – 2:40 Megan Mahoney, Keith Delaplane, Cade Houston**

Queen Rearing Discussion Panel

**2:50 – 3:40 Blake Shook, Ashley Ralph, Joe Morris, Cade Houston**

Industry Updates: Law Updates, Anti-Dumping Legislation,

**3:50 – 4:40 Justin Russell, Dennis Hebert, Cyrus Nasr, Chris Barns**

Pollination Services & Bee Leases Discussion Panel

**Sideline & Commercial San Jacinto 2 – TEXAS BEE SUPPLY**

**10:30 - 11:20 Justin Russell Growth Strategies: Scaled Splits, Acquisitions, Etc.**

Justin will talk about ways to keep your colony count high.

**11:30 – 12:20 Blake Shook California Almond Pollination**

The life of a commercial beekeeper, how to get bees ready for Almond Pollination.

**1:50 – 2:40 Chris Moore/Lynne Jones Tips on Honey Production, Bottling & the Truth about the honey market**

Really understanding the honey market, and the best way to sell your honey plus the NEW RULES for selling honey.

**2:50 – 3:40 Chris Moore Open Books: What it takes to be successful in the Bee business**

Sharing actual 5 years of Income & Expenses plus a walk-through of tips to insure your bee business is a success.

**3:50 – 4:40 Blake Shook Monitor & Treat for Bee Health, & Grade Colonies for Commercial Beekeepers**

Maintaining Bee Health & Grading, when your Mortgage Depends on it

**Special Interest Groups Yellow Rose 1&2 – APIMAYE INSULATED HIVES**

**10:30 - 11:20 Chris Barnes Building a Youth Program at Your Bee Club Q&A**

The young kids today will be the beekeepers of the future. Learn how to get your club youth program started.

**11:30 – 12:20 Megan Mahoney Biology of Queen Rearing**

Dr. Rangel, associate professor of Apiculture at Texas A&M will cover the basic concepts of the biology of queens and drones and the biology of mating.

**1:50 – 2:40 Dr. Tonya F. Shepherd Honey Bee Viruses**

Learn about the most common honey bee viruses and their biology in relation to the honey bee host. Covering how to help prevent and deal with these viruses though available means such as nutrition, queen breeding, varroa treatments and discuss current research in prevention and treatment.

**2:50 – 3:40 Dr. Richard Wilson Isolation and barcoding of trace pollen-free DNA for authentication of honey**

Adulteration and mis-labeling of honey to mask its true origin have become a global concern. Pollen microscopy is laborious and requires training. Learn how Dr. Wilson is using DNA-based food authentication to identify honey.

**3:50 – 4:40 Lauren Ward Queens: Strategies for Success in a Backyard Apiary**

Queen quality is too often overlooked in backyard bees despite being key to colony success. Knowing how to assess queen quality and how/when to replace queens is an important skill for every beekeeper.

### **Special Interest Groups Yellow Rose 3&4 – BEE WEAVER HONEY FARM**

**10:30 - 11:20** [Ron@Randig.com](mailto:Ron@Randig.com) **Rainfall Insurance: Financial Programs for Professional Beekeepers**

Learn about Financial Programs and insurance for Professional Beekeepers from Ron Randig of Randig Insurance Agency.

**11:30 – 12:20** **Danessa Yaschuk** **Success at Your Farmer's Market**

Understanding who your customer is and what they want and other things that will bring you success at your farmers market.

**1:50 – 2:40** **Dennis Hebert** **Bees for 1-D-1 Special Land Valuation**

In 2012 Texas changed the law to allow Beekeeping to qualify as an agricultural activity which can qualify the land for an agricultural valuation. Find out what the law requires, presented by the man that helped write the law.

**2:50 – 3:40** **Wildflyer team** **Mead Making: How to, creating flavors, recipes, and more**

Learn recipe design, ingredients, and equipment necessary for mead making. We will cover both basics required to start mead making and also more intermediate considerations. Throughout the presentation, we will make a small batch of traditional mead.

**3:50 – 4:40** **Brittany Fetterman** **Simple Splits to increase your Apiary**

What you need to know to increase your apiary with your own bees. Brittany will walk you through 3 simple split methods.

### **Special Interest Groups Yellow Rose 5&6 – TWO HIVES HONEY**

**10:30 - 11:20** **Veronica Hawk** **Bee-scape your Landscape**

If you are interested in creating a healthy environment for pollinator insects and ultimately for all living things, please join us for a presentation by Veronica Hawk, beekeeper, volunteer for the Native Plant Society of Texas and Texas master naturalist.

**11:30 – 12:20** **Taylor Reams** **Understanding the Enemy: New Insights on Varroa Mite Biology and Behavior**

Honey bees' eusocial structure allows them to have colony level pathogen defense mechanisms. This class will cover some of these social immune techniques and help beekeepers understand how these can be put to use in your apiary.

**1:50 – 2:40** **Les Crowder** **Chemical-Free Beekeeping and the Varroa Mite**

How a better understanding of the biology of the Varroa Mite can help beekeepers be more successful by keeping bees that thrive despite the pest and the viruses they transmit

**2:50 – 3:40** **Les Crowder** **Understanding the Nature of Bees**

How a deeper understanding of the Superorganism and a respect of its natural cycles following forage and seasons can help beekeepers be more successful

**3:50 – 4:40** **Brandon Fehrenkamp** **Intro to Top-Bar Hives**

Can you keep the comb on the top bar? Use Brandon's practice top bar to find out this and other information you need to know before keeping bees in a top bar hive.