



**SPRING
MEETING
2018**

**FEBRUARY 16 & 17
UGA GRIFFIN CAMPUS**

*Featuring the
SPRING
ARTISAN
SHOW
AND THE
WEBSITE AD
AUCTION*

**EDUCATING BEEKEEPERS *and*
SUPPORTING LOCAL CLUBS**



KEYNOTE SPEAKERS

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Diana Sammataro, PhD

Diana Sammataro, co-author of the *Beekeeper's Handbook* (4th ed. 2011), began keeping bees in 1972 in Connecticut, setting up a colony in her maternal grandfather's old bee hive equipment. From then on, she decided that her B.S. in landscape architecture at the University of Michigan, Ann Arbor, would not be a career, but that honey bees would. In 1978 she joined Peace Corps and taught beekeeping in the Philippines for 3 years. On returning, she worked at the USDA Bee Lab in Madison, WI under Dr. Eric Erickson, studying the effects of plant breeding and flower attraction of bees in sunflower lines. In 1991 she was accepted at the Rothenbuhler Honey Bee Lab at Ohio State University to study for a Ph.D. researching tracheal mites. In 1995, she worked as a post-doctoral assistant at Ohio State University with Dr. James Tew and in 1998 at the Penn State University bee lab, with Maryann Frazier. Early in 2002, she joined the USDA-ARS Carl Hayden Honey Bee Research Center in Tucson AZ.



Adam Finkelstein

Adam Finkelstein owns and operates VP Queen Bees producing artificially inseminated breeder queens used as breeding stock by commercial and hobbyist beekeepers throughout the USA and abroad. VP Queen Bees collaborates with the USDA at Baton Rouge and other migratory outfits to select for mite resistance and productivity. All VP Queen Bees colonies are treatment free and have been for 19 years. Working with others (groups and individuals) to design and plan bee breeding programs is Adam's greatest joy and interest. VP Queen Bees offers a yearly class on honey bee insemination.



Dr. Keith S. Delaplane, MBE

Dr. Keith Delaplane is Professor of Entomology, Walter B. Hill Fellow, and Director of the University of Georgia Honey Bee Program. Throughout his 27 years at UGA, he has conducted numerous research projects, written countless articles, supervised a number of graduate students and been author and editor of several books. Dr. Delaplane is also a much sought after speaker on an array of honey bee topics.

SCHEDULE OF EVENTS

Friday, February 16

5:00-6:15 PM Board Meeting, Stuckey Auditorium

6:30 PM Cocktail Reception, Kiwanis Club

7:00 PM Dinner (Kiwanis Club) & lecture by Diana

Sammataro: *The fascinating world of microbes and fungicides*

Saturday, February 17

7:30-8:15 President's Breakfast: A meeting of attending local club presidents

8:00AM-12PM GBA Beer & Mead Show: Drop off entries in Stuckey Building classroom (follow signage)

8:30-8:45 Opening remarks: Linda Tillman, GBA President

8:45-9:30 Diana Sammataro: *What are mites?*

9:30-10:15 Adam Finkelstein: *Pointers for success in a local bee breeding program*

10:15-10:45 BREAK • Visit vendors and walk to breakouts

10:45-11:30 Morning Breakout Sessions A

11:40-12:30 Business Meeting

12:30-1:15 **LUNCH**

1:00 Announce Artisan show awards

1:15-2:00 Keith Delaplane

2:00-2:45 Adam Finkelstein: *Breeding bees for mite resistance and performance*

2:45-3:15 BREAK • Visit vendors and walk to breakouts

3:15-4:00 Afternoon Breakout Sessions B

4:00-4:30 BREAK • Visit vendors and walk to Stuckey

4:30 **Website Auction** in Stuckey Auditorium

4:45-5:30 Diana Sammataro: *Honey plants*

5:30 Raffle drawings, closing remarks

BREAKOUT SPEAKERS



Bobby Chaisson began beekeeping over ten years ago with two hives. His beekeeping adventure quickly grew, selling honey and doing bee removals. In 2015 Bobby went to work full time with Georgia Bee Removal. He performs hundreds of removals a year and is one of Georgia's leading experts for bee removals. Bobby is the president of Tri-County Beekeepers Association and is active in MABA and GBA.



Reese Haren is a hobbyist beekeeper in his third year, although in the mid 70s he helped his dad out with his bees. He is a Certified Beekeeper through the Young Harris Beekeeping Institute and is a member of the Gwinnett and Forsyth clubs as well as GBA.



Cindy Hodges is a native Atlantan and Urban beekeeper with 50+ colonies in North Georgia including roof top hives in downtown Atlanta. She is a Georgia Master Craftsman Beekeeper, EAS Master Beekeeper, and Senior Welsh Honey Judge. In 2012 Cindy was awarded the Georgia Beekeeper of the Year. She is a past President Metro Atlanta Beekeepers Association and founded the MABA Junior Beekeeper Program.



Dan Long owns and operates a mail order nursery in Athens, GA. He is a Journeyman Beekeeper and has always had a strong interest in observation hives. He has worked with others and built his own for public and personal use.



Jenia Molotkova and Haley Martin are undergraduate biology majors at Georgia Tech. Both are members of the BeeSNAP VIP team where they conducted this work under the guidance of Jennifer Leavey (Director of the Urban Honey Bee Project), as well as Jason Riedy (from the School of Computational Science and Engineering).



Deja Perkins is a senior at Tuskegee University majoring in environmental science, natural resources, and plant sciences. She completed her study in Dr. Terry Snell's lab at Georgia Tech in the summer of 2017 while participating in the USDA-funded Bee-INSPIRED undergraduate research program directed by Jennifer Leavey of the Urban Honeybee Project.



Lynn Williams from Page, South Carolina is a beekeeper and inventor with 40 plus years at Industrial Automation Controls & Systems.



Jane Quattlebaum started beekeeping in 2012 and quickly became part of the local beekeeping community in Savannah with Coastal Empire Beekeepers Association where she has been a director since 2015. Jane arranges the speakers for her bee club.

BREAKOUT SESSIONS

Each breakout session is held in the morning and repeats in the afternoon, *except where indicated.*

Cindy Hodges: The Georgia Propolis Project
Stuckey Auditorium

An introduction to propolis, its collection and uses by bees and people. Cindy will discuss her recent research to encourage propolis collection by the bees.

Bobby Chaisson: The Ups and Downs of Bee Removals
SLC room 104

Explore the techniques and expenses involved in the safe removal of bees. With many years of bee removal experience to draw from, Bobby will show you what you should expect and some things you may not have thought about before you jump into removing bees from structures.

Deja Perkins: The Effect of Oxalic Acid on Honey Bee Larvae
SLC room 105

A Tuskegee University study shows that oxalic acid is toxic to honey bee larvae at doses 10X lower than what is recommended for treating adult bees. Our work suggests that using oxalic acid in hives with uncapped brood will likely have a significant negative impact on colony health.

Jenia Molotkova and Haley Martin: Where Do Bees Find Food In The City? SLC room 115 - Morning session A only

This Georgia Tech team mapped where dozens of bee-friendly tree species are located in Atlanta and compared the bloom times reported in scientific literature with visual verification. Our optimal forage maps can help urban beekeepers decide when and where to place their bees, and can help model how climate change affects the nectar flow.

Jane Quattlebaum: How to get Speakers for your Bee Club
SLC room 115 Afternoon session B only

Jane will discuss how to find speakers for your bee club and her secrets for nurturing and supporting the speakers she brings to her club.

Dan Long: Observation Hives- See Your Bees Like Never Before!
Flynt Building room 305

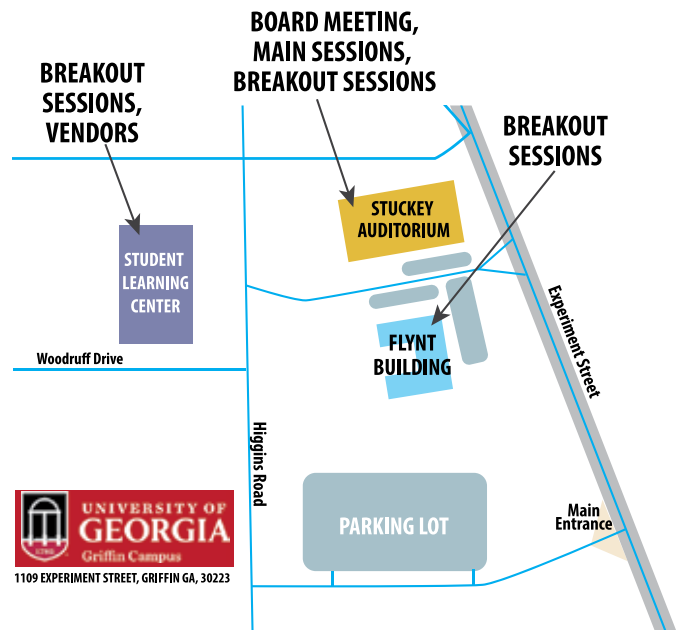
Learn the ins and outs of buying or building your own observation hive, installing it and maintaining it. The observation hive provides an unparalleled opportunity to observe the seasonal and daily activity of honey bees without disturbing the colony. Whether it's in a public location or your own living room, it will be both fun and educational.

Reese Haren: Two Seasons with the Flow Hive
Flynt building room 323

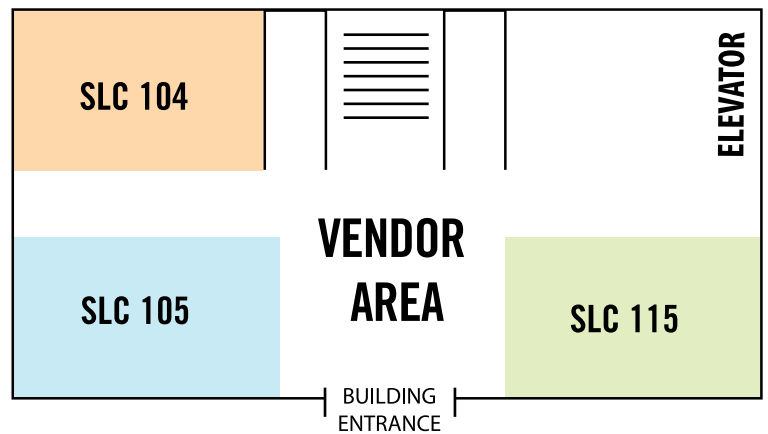
Reese will present an overview of his two seasons using flow hive equipment. On display he will have a "factory cedar super" and a ten fram deep he modified to hold flow hive frames, along with the equipment needed to harvest at the hive. Videos of bee activity and harvest are in the presentation.

Lynn Williams: Science vs. Varroa Mites

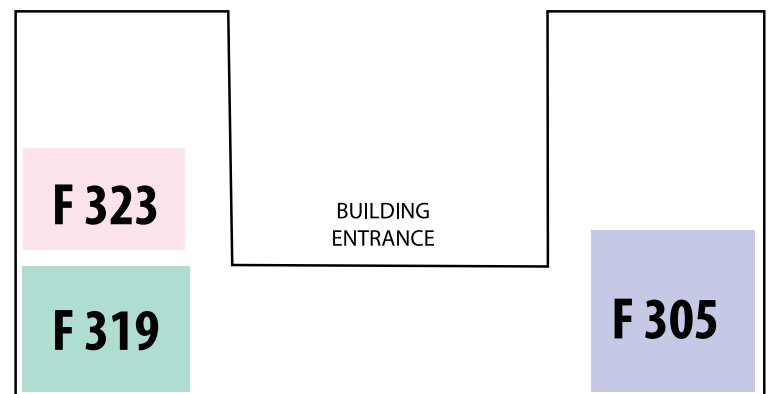
Flynt building room 319 European studies in 2002 showed that temperature coupled with time kills varroa mites in the hive and capped brood cells. This results in healthier bees, a larger colony, increased honey production, and less stress on the colony.



CAMPUS MAP



STUDENT LEARNING CENTER FIRST FLOOR



FLYNT BUILDING THIRD FLOOR

MORNING ONLY

AFTERNOON ONLY