



**CELEBRATING A CENTURY
OF BEEKEEPING**



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KEYNOTE SPEAKERS



Bob Binnie

Bob Binnie is a past president of GBA and owns and operates Blue Ridge Honey Co. in Lakemont, Georgia. Bob began his commercial beekeeping career in Oregon in 1981 and has been heavily involved in pollination and honey production as a commercial migratory beekeeper for nearly forty years.



Rachael Bonoan

Rachael has been keeping bees for seven years and received her Ph.D. studying honey bee nutrition and behavior. Outside of research, Rachael teaches a class on insect pollinators at Tufts University, has given a TEDx talk on engaging children in science, and is past-president of the Boston Area Beekeepers Association.



Kirsten Traynor, PhD

Kirsten Traynor started *Two Million Blossoms: protecting our pollinators*, a new quarterly magazine. She's currently a research associate at Arizona State University where she investigates how honey bees communicate and the impacts of pesticide, and she works in a robotics lab in Berlin, Germany. Kirsten is the author of *Simple, Smart Beekeeping*.



Wyatt Mangum, PhD

Dr. Mangum has kept bees since the age of ten. During high school, he had 125 colonies. After obtaining his PhD in genetics, he worked with bees in South America, Asia, and Africa. Dr. Mangum maintains a large collection of old beekeeping equipment, dating back to the early 1800s.

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SCHEDULE OF EVENTS

Friday, February 21

3:00-4:00 PM Artisan Show entries accepted, UH 246, 247

5:00-6:15 PM Board Meeting, JSAC second floor

6:30 PM Cocktail Reception, JSAC Ballroom

7:00 PM Dinner & lecture by Bob Binnie:
Adventures in commercial migratory beekeeping

Saturday, February 22

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

8:00-10:00 AM Artisan Show entries accepted, UH 246, 247

8:30 AM Opening remarks: Linda Tillman, GBA President

8:45 AM Rachel Bonoan:
How diet diversity affects foraging

9:30 AM GBA website Ad Auction

9:45 AM Kirsten Traynor:
How Beekeepers Can Advocate for Public Health

10:30 AM BREAK • *Visit vendors and walk to breakouts*

11:00 AM Morning Breakout Sessions

11:45 AM LUNCH

12:45 PM Wyatt Mangum:
Beekeeping in the 1870s and An Early Georgia Beekeeping Publication

1:30 PM Kirsten Traynor:
Thinking outside the box for Varroa control

2:15 PM Artisan Show awards announced

2:45 PM CUPCAKE BREAK • *View Artisan Show*

3:15 PM Afternoon Breakout Sessions

4:25 PM Rachael Bonoan:
Why do honey bees like dirty water?

5:05 PM Raffle Drawings, pick up show entries

BREAKOUT SPEAKERS

Kathleen Bourn

Kathleen enjoys building a variety of hives and equipment for her 10-20 colonies in Hart County Ga. She builds her own Langstroths, top bars, Warres, OH, long Langs, and Layens hives. Kathleen is past-president and treasurer of the Lake Hartwell Beekeepers, GBA newsletter co-editor and a member of MABA.



Ted Dennard

Ted, founder of Savannah Bee Company, grew up on St. Simons Island. He was introduced to bees in 1979 when Roy Hightower placed hives on his family's land. He taught beekeeping in the Peace Corps in Jamaica and began The BeeCause Project in 2014.



Kristofer Lamey

Kristofer's work straddles a fine line that resides between art and design. Many, lost within the engineering of his creations, like to push his work out of the category of art and into the realm of design. His art is in collections in Paris, New York and Los Angeles.



Harold Lanier

Harold has been keeping bees for 10+ years. He manages from 50-150 colonies and owns Lanier Bee Barn in Commerce, GA. where he sells nucs, packages, honey, and beekeeping supplies. Harold also teaches his hands-on, all-day Beekeeping Boot Camp six to eight times each year. Harold is a UGA Journeyman Beekeeper.



Steven Page

Steven has over a decade of treatment-free beekeeping experience and manages 50 to 75 colonies in Coweta County, Georgia. After years of costly purchases of colonies and queens, resulting in poor performance, Steven developed Coweta Sustainable Beekeeping in 2014, a simple, sustainable, and inexpensive beekeeping method for small beekeepers.



Tom Rearick

Some men's midlife crises end in sports cars or mistresses. Tom's ended in honey bees and he could not have found a more intellectually challenging pursuit. He is a UGA Master Beekeeper and a member of the GBA and Metro Atlanta Beekeepers Association.



Virginia Webb

Virginia is a third generation beekeeper. Along with her husband Carl Webb, they operate MtnHoney, a commercial beekeeping operation in Habersham County, Georgia. She has been teaching how to make candles and other beeswax crafts for more than 20 years.



BREAKOUT SESSIONS

Each breakout session is held in the morning, 11:00-11:45, and repeats in the afternoon, 3:15-4:00, *except where indicated.*

Kathleen Bourn: *Beyond The Bee: Keeping Club Members Connected* • UH 220
Beekeeping clubs offer the opportunity to socialize and learn from others, but keeping members interested and educated is a challenge. Kathleen shares ideas for making the bee club experience as social and productive as a honey bee colony.

Harold Lanier: *The Swarm!* • UH 243
What is a swarm? Why do bees swarm? How do they make up their minds? Where do they go? What kind of cavity are they looking for? We will answer these and other questions when we discuss one of the honey bees' most basic instincts. Based, in part, on Dr. Tom Seeley's book, *Honey Bee Democracy*.

Steven Page: *Treatment-Free Beekeeping, the benefits of raising queens, and letting colonies die* • UH 248
Why treatments to control mites will not work in the long term, but the industry wants you to treat for mites. The potential dangers in purchased queens and bees. Letting inferior colonies die to develop survivor stock. Hobby beekeepers with more than five colonies are essential for the future of beekeeping.

Tom Rearick: *What Honey Bees Tell Us About Natural Intelligence* • UH 221
Our debt to the honey bee is long and deep. For nine millennia, bees have provided sweet honey, wax candles, medicines, and pollination. But her greatest gift may be finally solving the deepest mystery of all time: how intelligence works. Learn how the honey bee informs us about the workings of the human brain.

Virginia Webb: *Beyond Just Beeswax* • UH 224
Learn how to take raw beeswax and do a simple rendering of the wax for the start of making beeswax candles, ornaments and other items. This is a hands-on workshop that will give even the first-time beekeeper confidence to pour beautiful candles and other items for show or sale.

MORNING ONLY

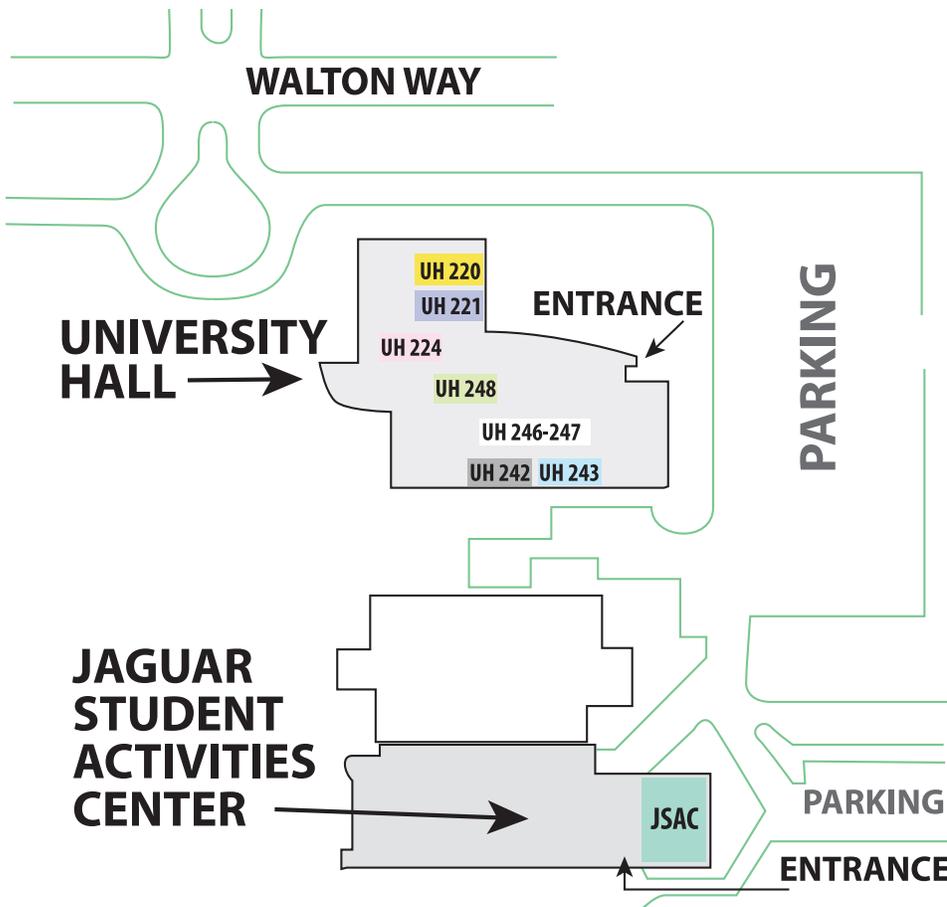
Wyatt Mangum: *Studying Bees with Top-Bar Hives and Frame Hives* • JSAC
From keeping 200 top-bar hives, we examine this hive design making beekeeping pleasurable while keeping it practical for backyard beekeepers. Keeping bees in different hive designs, frames and top bars, produce different but similar bee cultures. The two bee cultures can provide solutions to the other one's problems, helping both bee cultures to thrive.

Ted Dennard: *Celebrating My Georgia Beekeeping Journey* • UH 242
This talk will be a personal story of Ted's life with bees over the last 40 years with a particular focus on why Georgia is one of the greatest places to bee keep. From the tupelo swamps to the sourwood mountains, Ted will share how bees and Georgia shaped his life and work.

AFTERNOON ONLY

Kirsten Traynor: *Two Million Blossoms: Honey for your Health* • JSAC
Long before the advent of antibiotics, our ancestors used honey to treat a myriad of health issues. Superbugs continue to evolve resistance to modern antibiotics, making normal wounds difficult to heal. In search for effective alternatives, doctors are rediscovering the benefits of honey.

Kristofer Lamey: *Expression in context* • UH242
This talk is expressly designed for continuing education for honey judges, but anyone can attend.
What are the similarities between art, design and photography? Moreover, what makes them different? As a judge, from what perspective should you be examining art and photography? Why does it matter?



AUGUSTA UNIVERSITY

UNIVERSITY HALL
First floor: Vendors
Second floor: Artisan Show exhibits in rooms 246, 247
 Show prep in room 241
 Breakouts in rooms 220, 221, 224, 248, 242, 243

JAGUAR STUDENT ACTIVITIES CENTER
Ballroom: All main sessions and two breakouts