WELCOME TO THE CONFERENCE

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Brian Stephenson

Secretary:

Mandy Taylor

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Martin James

Jim Retallick

These are extraordinary times that we live in! We are facing unprecedented challenges as a society and as beekeepers. A pan-demic poses difficulties for us to meet as we have in the past. While we regret not being able to get together as friends and colleagues, ***we are blessed with the technology to allow us to bring this conference to you virtually. All you need is a smart phone, tablet or computer and a good internet connection.*** While virtual gatherings will never replace the value of face to face get togethers, it does offer us the opportunity to bring you virtual presentations from some of the top experts in the country!

ZOOM IN AND JOIN US

This year, the conference will be brought to you live using the ***Zoom App***. We suggest you download the app on your device and play with it. Zoom your spouse, friends, or others to get used to using the program. For the conference, **registered guests** will receive an email with an invitation to attend the conference. At the appropriate time you will click on a link in the email which will bring you into the online meeting. We will even provide an opportunity to experiment using Zoom the week before the conference, so you get the feel of the program and are comfortable during the actual presentations. We will also have people ready to assist you if you have any difficulty during the conference. ***As an added bonus, the presentations will be available online for viewing for 2 weeks following the presentations.***

FRIDAY FEBRUARY 19TH

8:45 – 9:00	Opening Remarks, Jared Taylor, UBA President
9:00 – 9:30	**State of the Bees Address:** Joey Caputo, UDAF
9:30 – 10:20	**Randy Oliver: Scientific Beekeeping:** Understanding Varroa Management, Strategy, and Techniques
10:20 – 10:35	Break
10:35 – 11:25	**Dr. Thomas D. Seeley:** How a Honey Bee Swarm Chooses its Home
11:25 – 12:35	Lunch Break: We encourage you to use the chat feature during the lunch break to get to know one another, ask questions of individuals or the entire the group or just say hi.
12:35 – 1:00	**Greg Burns of Nature's Image Farms:** DIY Bucket Feeders
1:00 – 1:50	**Ian Steppler: The Canadian Bee Blogger:** Single Brood Management: A Walkthrough of a Year of SBM.
1:50 - 2:00	Break/Visit Virtual Vendors

Friday February 19th continued

2:00 – 2:50	**Dr. Thomas D Seeley:** The Lives of Honey Bees: The Untold Story of the Honey Bee in the Wild
2:50 – 3:00	Break/ Visit Virtual Vendors
3:00 – 3:50	**DW Shoenthal: Blue Green Horizons:** The Long History of Bee Hacks
3:50 – 4:00	Closing Remarks/Comments

8:45 – 9:00	Opening Remarks
9:00 – 9:50	**Randy Oliver: Scientific Beekeeping:** Recent Research on Pollen Subs, Probiotics and Q&A
9:50 – 10:00	Break
10:00 – 10:50	**DW Shoenthal:** Blue Green Horizons: Public Swarms: Cut Outs, Trap Outs, Post Removal and DIY tools
10:50 – 11:00	Break
11:00 – 11:50	**Dr. Tom Seeley:** Bait Hives: How to Get High Quality Bees for Free
11:50 – 1:00	Lunch Break: Lunchtime Presentation: Mike Browning, provider of Apiculture, Pasture, Rangeland and Forage Insurance
1:00 – 1:50	**Randy Oliver: Scientific Beekeeping:** Update on Mite Control and Work in Progress
1:50 – 2:00	Break
2:00 – 2:50	**Dave Basinger:** UDAF: How to Get Your Honey Labeled as Organic in Utah
2:50 – 3:00	Closing Comments for attendees
3:00 – 3:10	Break
3:10 – 4:00	**Business Meeting (Voting Members Only)**

2021 PRESENTERS

Randy Oliver: Scientific Beekeeping: Randy started keeping bees as a hobbyist around 1966, and then went on to get university degrees in biological sciences, specializing in entomology. In 1980 Randy began to build a migratory beekeeping operation in California, and currently runs around 1000-1500 hives commercially with his two sons.

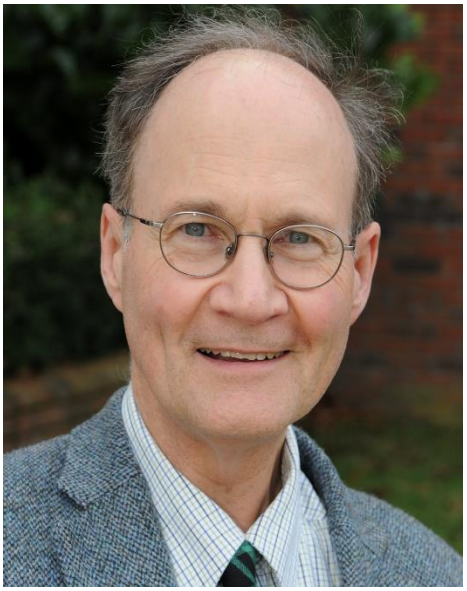
In 1993, the varroa mite arrived in California, and after it wiped out Randy's operation twice, Randy "hit the books" and used his scientific background to learn to fight back. Randy began writing for the *American Bee Journal* in 2006 and have submitted articles nearly every month since then (see "Articles by Publication Date").

Randy scours scientific papers for practical beekeeping applications, and to sort through the advice, opinion, and conjecture found in the bee magazines and on the Web, taking no positions other than to provide accurate information to Joe Beekeeper, following the suggestion in 1922 by New Zealand beekeeping author Isaac Hopkins:

That scientific accuracy, as opposed to rule of thumb, or guess-work methods, is much needed in commercial production to attain the success we should aim for, will be acceded by all intelligent beekeepers. There are many, however who do not realise this, or at all events, do not sufficiently appreciate the principle in their practice, but are content muddle along in a slipshod fashion to their great loss. From THE BEE WORLD February 1922

Subscribe to Randy's site, http://scientificbeekeeping.com/scientific-beekeeping-newsletter/ and receive email notices of monthly updates to Randy's work.

2021 PRESENTERS

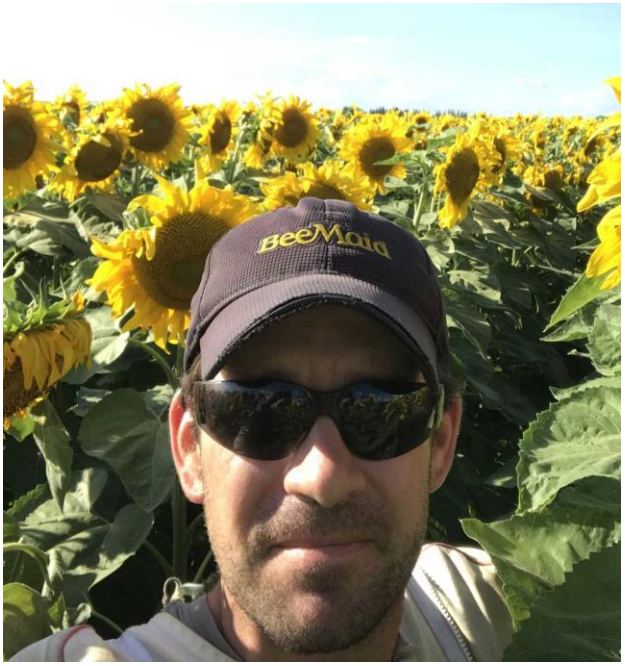


Thomas D. Seeley, biologist and writer, is the Horace White Professor in Biology Emeritus at Cornell University, where he is a member of the Department of Neurobiology and Behavior. From 1980 to 2020, he taught courses on animal behavior and conducted research on the behavior, social life, and ecology of honey bees. Besides being a honey bee biologist, Tom is also an avid beekeeper. He began keeping bees when he was a high school student, in Ithaca, New York, in the late 1960s.

When he was a college student, from 1970-1974, he worked each summer for Dr. Roger A. Morse at the Dyce Laboratory for Honey Bee Studies, at Cornell, and he kept about 20 colonies of bees at his parents' house in Ithaca. He managed these colonies to produce both comb honey and bottled honey, which he sold from a roadside stand.

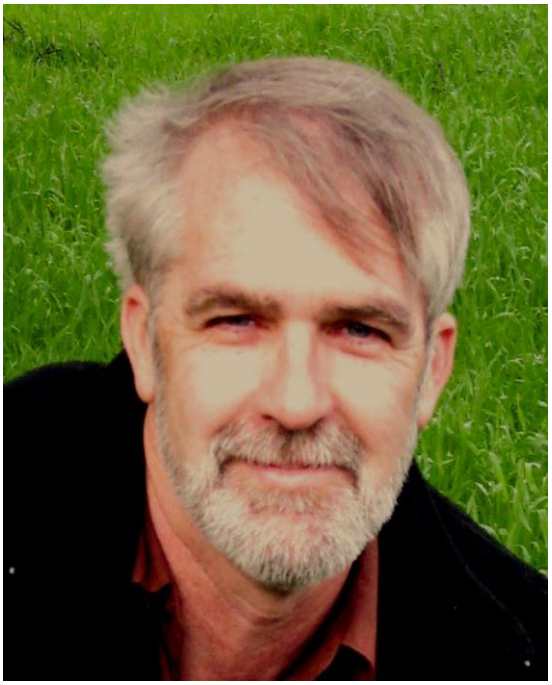
His scientific work is summarized in five books: Honeybee Ecology (1985), The Wisdom of the Hive (1995), Honeybee Democracy (2010), Following the Wild Bees (2016), and The Lives of Bees (2019). In recognition of his scientific discoveries, he has been elected a member of the American Academy of Arts and Sciences and the German National Academy of Sciences. He has also been awarded several scientific honors, including a Guggenheim Fellowship and a Gold Medal for Best Science Book (The Wisdom of the Hive) at Apimondia in 1997 (Antwerp). He writes: "These honors are gratifying, but for me the most important "prizes" by far are the discoveries that I have made about the natural lives and inner workings of honey bee colonies."

2021 PRESENTERS



Ian Steppler: The Canadian Bee Blog: Ian Steppler, together with his wife Sandy, are the parents of 5 and farms with his family near Miami, Manitoba, Canada. His family farm is a third-generation farm started by Ian's grandfather and carried forward by his parents. Nearly 10 years ago, Ian's 3 brothers, parents restructured the farm into a company and have since expanded into a large grain, cattle, and Beekeeping operation. They crop 3500 acres of land, calve 5-600 head of pure bred Charolais cattle and manage a 1200-1500 hive apiary. Since Ian bought his first 4 hives 19 years ago, he has dedicated his life passion towards beekeeping. Ian credits the current standing of his apiary to others on whom he has leaned on over the years to help guide him though many management, logistical and husbandry issues. A number of years ago, Ian began managing his hives in a single brood box. It addressed a number of logistical issues and resulted in a greater honey yield. Ian is a big believer in paying it forward which motivates him to share his successes and failures with others. Check out the Canadian Beekeeper's Blog on YouTube.

2021 PRESENTERS



DW Shoenthal: Blue Green Horizons: Born and raised in the Willamette Valley Daniel liked all creatures and found Bees easy to be around.

After college and going to work in the big city Daniel continued his interest in observational biology using his technical skills for both exotic & native animals. His travels took him both to North and South America- remote cameras in tow.

After retiring and understanding that there were big troubles with the Honey Bees Daniel formed **Blue Green Horizons** to both do research and involve young people with the wonders of Bees.

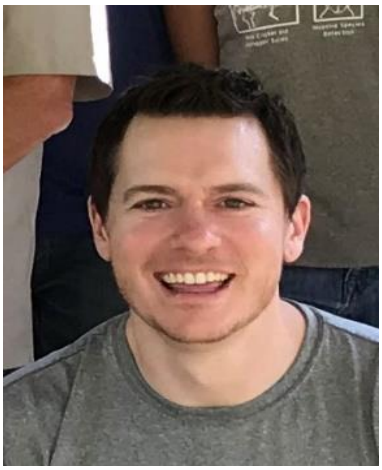
DW (as most beeks call him) wanted to modernize some swarm catching skills and bring a detailed look at the process of both catching reproductive swarms but also improve the survival and understanding of "Cutout Bees" population dynamics.

Through Blue Green Horizons Bee Rescue (Facebook page); Daniel and his team divide their time between non-profit community bee rescue in Northern California and an LLC dedicated to research and development for rescuing bees with novel inventions to aid in removals. Blue Green Horizons specializes in complicated bee removals such as cut outs and trap outs along with general fare swarm collection, with many examples of such relocation's being documented on social media (Beekeeping Techniques and others) where Daniel answers other beekeepers' questions openly, giving tips and helpful advice.

2021 Additional Presenters

Greg Burns: Nature's Image Farm: After living in the city and away from our roots, Susan and I packed up our family and moved out to begin living a more resilient, homesteading life on the land. Our mission is to teach and learn meaningful life skills alongside our 7 children and to continue the tradition of passing down the old ways.

Beekeeping was a natural fit with this kind of lifestyle and as a family we have grown our beekeeping passion into a business where we provide high quality Bees to keepers across the country. We are passionate about helping folks get off to a good start thru mentoring, teaching, and passing down the old-time ways of beekeeping.



Joey Caputo: UADF: Joey has served as a state bee inspector for the Utah Department of Agriculture and Food since 2013. He has a master's degree in entomology. His specializations are in apicology and invasive species management.

DAVID BASINGER: UDAF: David is the Organic Certification Program Manager of UADF. Organic Production is a system that is managed by both state and federal standards for the response to site-specific conditions in the growing or processing of foods. This program is intended to serve producers, processors, and consumers of agricultural products. The goal is to manage a process that will maintain the integrity of food products produced without the use of restricted chemical inputs.