



EAS
2025

*Beeing in the
Garden State*

SUNDAY, JULY 27 - FRIDAY, AUGUST 1, 2025

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2025

CONFERENCE PROGRAM



TABLE OF CONTENTS

Welcome from the Chair	3	EAS Award Winners	14
Schedule Overview	4	James I. Hambleton Memorial Award	
Registration Schedule		Roger A. Morse Outstanding Teaching/Extension	
Master Beekeeper Schedule		Service/Regulatory Award	
Society Meeting Schedule		Charles & Evelyn Divelbiss Education Award	
Honey Show Schedule		EAS Student Awards	
Honey Exchange Schedule		EAS Research Awards	
Auctions		Mann Lake EAS Youth Scholarship	
Cherry Hill, New Jersey Information	6	Conference Welcome	19
Sponsors and Donors of the 2025 EAS Conference....	8	Vendors	20
Master Beekeepers Welcome to New Jersey	10	Venue Floorplans..	22
2025 EAS Honey Show	11	Conference Schedules.....	24
Keynote Speakers	12	Presenters and Speakers	34
		Special Events and Conference Features.....	64
		Nearby Attractions	67
		Ready for EAS 2026 Next Year!.....	68
		Notes	69





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Bee Science

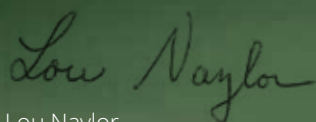
WELCOME FROM THE CHAIR

Welcome to EAS 2025 in the Garden State. Thank you all for coming. I hope you have a wonderful week of learning, making new bee friends and catching up with those you have known for years.

I am extremely grateful to the 2025 planning committee that has spent countless hours attending to all of the details, sharing ideas and doing our best to make this conference successful, despite an extremely short timeline to prepare.

We can all take a lesson from the bees about the strength of a society working towards a common goal. I hope this conference inspires us to go home and do our best for our families, our communities, and the beautiful nature that surrounds and supports us.

Sincerely,

A handwritten signature in black ink that reads "Lou Naylor". The script is fluid and cursive, with the first letters of "Lou" and "Naylor" being capitalized and prominent.

Lou Naylor

Eastern Apicultural Society Chair



SCHEDULE OVERVIEW

Sunday, July 27 to Friday, August 1, 2025

DoubleTree Hotel - Cherry Hill, New Jersey

Registration and Information Desk - Wedgewood Lobby	
Sunday	3:00 p.m. - 7:00 p.m.
Monday	7:30 a.m. - 4:00 p.m.
Tuesday	7:30 a.m. - 4:00 p.m.
Wednesday	7:30 a.m. - 4:00 p.m.
Thursday	7:30 a.m. - 4:00 p.m.
Friday	7:30 a.m. - 12:00 p.m.


Eastern Apicultural Society
The Daily Waggle

The hamul of the EAS conference... **Friday August 9, 2024**

***Our EAS BUSINESS MEETING will be held in the Grand Ballroom from 11:15 – 12:00. This allows you to see how the organization is progressing & gives you an opportunity to have your voice heard.

The photo for New Jersey Beekeepers Association (NJBA) is at noon outside the front registration area today!!!

Scary thanks to Jack Hildreth & James Wilson for filling in for Erin Evans at this morning's Zumba! 🍌 🍌 🍌

Look for the daily Waggle at the registration desk for updates and daily happenings!

Master Beekeeper Schedule			
Meet, Greet, and Pre-exam Brief for MBK Candidates	Monday, July 28	4:00 p.m. - 5:00 p.m.	Crystal Ballroom 1
Volunteer Dinner	Monday, July 28	6:30 p.m. - 9:00 p.m.	Blue Monkey Tavern, 2nd Floor, 2 S Center St., Merchantville NJ 08109
Master Beekeeper Administration	Monday, July 28 - Friday, August 1	Open All Day	4th Floor Boardroom
Written Exam	Tuesday, July 29	8:30 a.m. - 12:30 p.m.	Crystal Ballroom 3, Lobby Level
Oral Exam	Tuesday, July 29	8:30 a.m. - 6:00 p.m.	4th Floor
Lab Exam	Wednesday, July 30	8:30 a.m. - 12:30 p.m.	Crystal Ballroom 3, Lobby Level
Field Exam	Wednesday, July 30	10:00 a.m. - 4:30 p.m.	Apiary

Society Meeting Schedule			
EAS Board of Directors Meeting	Sunday, July 27	5:30 p.m. - 7:00 p.m.	Terrace Room, Lobby Level
Life Members Luncheon	Thursday, July 31	11:30 a.m. - 1:00 p.m.	Gallery, Lobby Level
Master Beekeeper's Annual Meeting	Friday, August 1	7:30 a.m. - 8:30 a.m.	Gallery
Kentucky EAS 2026 Conference Introduction	Friday, August 1	10:15 a.m. - 10:30 a.m.	Grand Ballroom C, Lobby Level
EAS Annual Meeting	Friday, August 1	11:30 a.m. - 12:30 p.m.	Grand Ballroom C

Honey Show Schedule			
Entries Accepted	Tuesday, July 29	2:30 p.m. – 5:00 p.m.	Terrace Room, Lobby
	Wednesday, July 30	8:00 a.m. – 11:00 a.m.	Terrace Room, Lobby
Honey Show Open for Viewing	Thursday, July 31	11:30 a.m. – 5:00 p.m.	Terrace Room, Lobby
	Friday, August 1	9:30 a.m. – 3:00 p.m.	Terrace Room, Lobby
Silver Awards Presentation	Thursday, July 31	Following Dinner	Riverside Ballroom, Lobby
Post-Show Pickup of Entries	Friday, August 1	3:00 p.m. – 5:00 p.m.	Registration Area, Lobby

Honey Exchange Schedule			
Honey Exchange Dropoff	Monday, July 28 – Thursday, July 31	7:30 a.m. - 9:30 a.m.	Crystal Foyer, Lobby Level
Honey Exchange Day	Friday, August 1	12:00 p.m. – 1:00 p.m.	Crystal Foyer, Lobby Level

Auctions		
Virtual	Monday, July 7 - Thursday, July 31 at midnight	Link to the virtual auction: new.biddingowl.com/EAS2025
Silent	Monday July 28 - Friday, August 1	Monday, July 28 - Friday, August 1, 10:30 a.m. – 5:00 p.m. Vendor Area, Lobby Level Thursday, July 31, 6:30 – 8:30 p.m. with Dinner Riverside Ballroom, Lobby Level
Live	Thursday, July 31	8:00 - 10:00 p.m., Associated with Dinner in the Riverside Ballroom, Lobby Level

ASK AN EAS VOLUNTEER

If you see folks wearing EAS 2025 Volunteer T-shirts please do not hesitate to ask one of them for assistance.





CHERRY HILL, NEW JERSEY INFORMATION

HOSPITAL

Virtua Our Lady of Lores Hospital
1 Brace Road
Cherry Hill, NJ 08034

URGENT CARE

Patient First Primary and Urgent Care – Cherry Hill
2171 Route 70 West,
Cherry Hill, NJ 08002-2733

GROCERY STORE

Wegmans Grocery Store and Pharmacy
2100 Route 70 West
Cherry Hill, NJ 08002
Pharmacy: 856-488-2745 open Monday-Friday 8:30
am-9:00 pm, Saturday 8:30 am – 6:00 pm and Sunday
8:30 am – 4:00 pm

WI-FI

WI-FI is available free of charge throughout the hotel.

LOST AND FOUND

Lost and Found is located at the front desk at
DoubleTree Hotel. Also, check at the EAS Registration
Desk, Lobby Level

NON-MEDICAL EMERGENCIES

Contact the front desk of the DoubleTree Hotel at: 856-
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of the 2025 EAS Conference

Not only do we want to thank those people, businesses and organizations that support the 2025 program but also appreciate the value in products and information that they bring to the experience. Their participation enriches our knowledge of what services and products are out there.

Please make sure you let them know how much you appreciate their part by supporting them and letting them know you are glad they are part of this.

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EAS 2025 NEW JERSEY PROMOTIONAL SUPPORT

Friday night Banquet

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Tropilaelaps Workshop

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Essex County Beekeepers Society

Master Beekeeper Volunteer Dinner

Essex County Beekeepers Society
NOD Apiary Products

Queen Rearing Workshop

Essex County Beekeepers Society
Morris Somerset Beekeeping
Association

USS New Jersey BB 62 Dinner and Tour

Morris Somerset Beekeeping
Association
Northeast Beekeepers

Teaching Apiary

Essex County Beekeepers Society
South Jersey Beekeepers Association

Olympics

The Mid-State Branch of the NJBA

Conference Bags

New Jersey Beekeepers Association

Cooking workshops

National Honey Board

Auction Services

Zettlemoyer Auction

Conference Breaks

Maxant Honey Processing
Equipment
Raritan Valley Beekeepers
Association
Jersey Cape Branch

Conference Lapel Pin

South Jersey Beekeepers Association

Miscellaneous

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HONEY SHOW

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WELCOME TO CHERRY HILL FROM THE EAS MASTER BEEKEEPERS!

by Dr. Jon E. Zawislak, Chairman, Master Beekeeper Certification Committee

We're excited to welcome you to EAS 2025 in New Jersey, bringing together beekeepers, researchers, and passionate enthusiasts from all parts of the world. You will find this week provides a unique opportunity to deepen your knowledge, learn best practices, and connect with others who share your passion for one amazing creature. You'll have the opportunity to take advantage of informative sessions, hands-on workshops, and expert panels that cover everything from colony health to sustainability management and improved honey production. As a Master Beekeeper candidate,

you now have the opportunity to demonstrate the results of your study and preparation through a rigorous series of exams. Best of luck to each of you! Earning the EAS Master Beekeeper certification is more than a feather in your cap – it's a significant milestone that reflects your commitment to improve as a beekeeper and as a teacher and mentor of beekeeping. We know how much dedicated effort and study it takes to reach this point, and we applaud your efforts. Take advantage of the resources and support available through the great EAS community and remember that you're not alone on this journey. We wish you all the best on your exams, and we look forward to celebrating your success with you!



2025 EAS HONEY SHOW

Karla Eisen and Lisa Skogland

WELCOME TO THE 2025 EAS HONEY SHOW

Honey Shows are all about promoting and showcasing the excellence and quality of honey and hive products. The Honey Show offers a great spirit of friendly competition, we can compare our efforts to those of other beekeepers, and we present our best efforts to the entire conference. The EAS show has over thirty classes so there is something for everyone to see and we encourage everyone to participate. Anyone who attends the conference is invited to enter honey, wax, or beekeeping-related products, art, cookery or gadgets in the honey show.

Please be sure to review the 2025 honey show rules which are posted on the EAS website. Copies of the rules will be available at the show. The judging criteria for each class are detailed in the show rules and will be on display in the show. There are very few new or changed rules this year, however one you might want to pay attention to is within the photography class which clearly lists NO GLASS frames or photos behind glass. Judging criteria has been modified to better reflect the process

of judging and clearer criteria related to points awarded and taken away. Ribbons are awarded for first through sixth place and entries are also eligible for the coveted silver award. All the awards are possible because our sponsors know and support the value of excellence in the craft. You will find the names and logos of the honey show sponsors in this program, so please express your appreciation and gratitude for their generous support.

A special thanks to the judges, show stewards, and volunteers who make this show possible, and of course every entrant who makes this show possible! YOU HAVE TO BE IN IT TO WIN IT.

Honey show entry drop-off is at the Terrace Room, Lobby level on Tuesday, July 29th from 2:30 – 5:00 p.m. and Wednesday, July 30th from 8:00 – 11:00 a.m. Entries and score cards must be picked up on Friday, August 1st from 3:00 – 5:00 p.m.

On behalf of the EAS Honey Show Advisory Committee, we welcome you to EAS 2025, Cherry Hill, New Jersey!



KEYNOTE SPEAKERS

Wednesday, July 30

DR. DIANA COX-FOSTER

Diana Cox-Foster is a Research Leader and Entomologist at USDA-ARS Pollinating Insects Research Unit (PIRU) in Logan, Utah. PIRU focuses on biology, management, and systematics of all bee species. Stakeholders include bee keepers, bee managers, growers who use Apis and non-Apis bees for pollination, and land managers of natural ecosystems. PIRU has the U.S. National Pollinating Insect Collection, with research on conservation of bee biodiversity. Cox-Foster examines the impact of pathogens and pesticides on bee health, for honey bees, bumble bees, and solitary bees. Cox-Foster received a B. S. in Entomology and Zoology at Colorado State University and a M.S. and Ph.D. in Entomology at University of Illinois at Urbana-Champaign. Cox-Foster gained skills in molecular biology as a post-doc at Vanderbilt University. In 1987, Cox-Foster joined Penn State University as a faculty member and served as a full professor. At PSU, Cox-Foster was one of the initial scientists responding to colony collapse disorder in honey bees and co-director of the CCD working team. She transitioned to USDA-ARS in October 2015.



Honey Bees are Native Bees

Wednesday, July 30, 2025

9:00 - 9:50 a.m.

Grand Ballroom C

Interaction Among Bee Species: What is the Impact of a Honey Bee Apiary on Native Bees?

Wednesday, July 30, 2025

1:00-1:50 p.m.

Grand Ballroom C

Presentation descriptions can be found on page 38.

DR. DOUGLAS TALLAMAY

Doug Tallamay is the T. A. Baker Professor of Agriculture in the Department of Entomology and Wildlife Ecology at the University of Delaware, where he has authored 115 research publications and has taught insect related courses for 45 years. Chief among his research goals is to better understand the many ways insects interact with plants and how such interactions determine the diversity of animal communities. His books include [Bringing Nature Home](#), [The Living Landscape](#), co-authored with Rick Darke, [Nature's Best Hope](#), a New York Times Best Seller, [The Nature of Oaks](#), winner of the American Horticultural Society's 2022 book award, and his latest book [How Can I Help](#). In 2021 he cofounded Homegrown National Park with Michelle Alfandari (HomegrownNationalPark.org). His awards include recognition from The Garden Writer's Association, Audubon, The National Wildlife Federation, Allegheny College, Ecoforesters, The Garden Club of America, The Herb Society, and The American Horticultural Association.



Nature's Best Hope

Wednesday, July 30, 2025

10:30-11:20 a.m.

Grand Ballroom C

Presentation description can be found on page 58.

Thursday, July 31

MIKE CONNOR

Mike Connor is a Certified Arborist, Nursery Grower, and an experienced Beekeeper. He grew up on an orchard and Christmas tree farm in Southwest Michigan and purchased his first hive of bees when he was 12 years old. He is in a unique position to understand the relationships between plants, trees, and bees.

A graduate of Cornerstone University, with post-graduate studies at MSU, Mike became a Branch Manager of a nation Bee Supply manufacturer, Dadant and Sons, in 1977. At Dadant he received a practical education in beekeeping from some of the best beekeepers in the world. He left Dadant in 1985 to start his own tree Nursery and operate 200 hives of his own.

Including a 7-year commitment as a Municipal Arborist and Park Superintendent, Mike has spent his entire career growing and caring for plants, trees, and bees. He is a co-founder of the Grand Rapids Area Bee Club.



Bees and Trees

Thursday, July 31, 2025
9:45-10:35 a.m.
Grand Ballroom C

Walk in Cooper River Park - Plant Identification

Thursday, July 31, 2025
1:00 -2:50 p.m.
Meet at Hotel Entrance

Honey Trees and Their Care

Friday, August 1, 2025
1:00 - 1:50 p.m.
Grand Ballroom C

Presentation description can be found on page 37.

DR. PRIYA CHAKRABARTI BASU

Dr. Priya Chakrabarti Basu is an Assistant Professor at the Department of Entomology, Washington State University. Priya is also a courtesy faculty at Oregon State University. Priya studies the interactive impacts of multiple stressors on bees, for example poor nutrition, pesticides, climate change and diseases. She uses a wide array of multidisciplinary techniques across fields such as physiology, toxicology, functional biology, multiomics-based approaches and neuroethology to address her research questions. She is currently the Secretary/Treasurer of the American Association of Professional Apiculturists, the Vice-President Elect of the PBT Section of the Entomological Society of America and the North American Chair of the nutrition taskforce for COLOSS, the international bee organization. She was also the past Chair of the Early Careers Professionals Committee of the Entomological Society of America and the Vice-President of Mississippi Entomological Association. In addition to the research community, Priya enjoys teaching and working with stakeholders, policymakers and the general community in protecting bee pollinators and raising pollinator awareness. Priya is also a children's book author to help spread pollinator awareness among young readers. More information about her lab's research can be found at: www.priyadarshinichakrabarti.com.



Impact of Climate Change on Honey Bee Nutrition

Thursday, July 31, 2025
10:35 - 11:25 a.m.
Grand Ballroom C

Current Understanding of Honey Bee Nutrition

Thursday, July 31, 2025
2:00 - 2:50 p.m.
Grand Ballroom C

Opportunities for Citizen Science

Friday, August 1, 2:00-2:50 p.m.
Crystal Ballroom 2 + 3

Presentation description can be found on page 36.

EAS AWARD WINNERS

James I. Hambleton Memorial Award

DR. JAMES NEIGH

Professor James C. Nieh was born in Taiwan, and grew up in Southern California. He received his B.A. at Harvard in 1991 and his PhD from Cornell University in 1997. He subsequently received a NSF-NATO Postdoctoral fellowship to study at the University of Würzburg in Germany. After this, he received the prestigious Harvard Junior Fellowship. In 2000, he joined the faculty in the School of Biological Sciences at the University of California San Diego where he is a professor in the Department of Ecology, Behavior, and Evolution. He held the Heiligenberg Chair of Neuroethology, was chair of his department, and was elected Fellow of the Royal Entomological Society in 2017. He is an Associate Dean in the School of Biological Sciences, and is the Chair of the City of San Diego Bee City Committee and the UC San Diego Bee Campus Committee.



Dr. Nieh's interests focus on bee communication, cognition, and health. He studies many types of social bees, including honey bees, bumble bees, and stingless bees. His lab studies natural and man-made stressors of social bees. A major part of his work focuses on foraging and communication in honey bees and honey bee health. The research on honey bee health focuses on how pesticides alter honey bee behavior and learning, how a common pathogen, *Nosema ceranae*, infects bees and alters their behavior, how honey bee immunity can be boosted to fight *Nosema* infection, how the bee gut microbiome may help us find new ways to counter *Nosema* infection, and how a nutritionally balanced diet can help bees exposed to pesticides.

Roger A. Morse Outstanding Teaching/Extension Service/Regulatory Award

DR. JENNIFER KELLER

Jennifer Keller is a member of Dr. David Tarpy's apiculture program at NC State University. She was first introduced to honey bees while in the Peace Corps in Paraguay and was quickly hooked on the passion. After returning to the US, she continued her desire to work with the honey bees by attending graduate school at NC State University. Her thesis involved research on the small hive beetle and understanding its biology, as this was still a new pest at that time. After graduation, she remained at NC State and began working with Dr. David Tarpy and has been there since 2003. She spent 20 years as the apiculture technician for Dr. Tarpy's program which involved coordinating all the field research for that team. Some of the multiple duties included queen rearing, instrumental insemination, and seasonal management of honey bee colonies in numerous apiaries. She has since transitioned into a position that is more focused on extension and outreach. She helps organize training sessions for beekeepers of all experience levels to help improve their skills and knowledge as beekeepers. Most recently she helped coordinate a state-wide beekeeping project to aid in the recovery efforts for the beekeepers in western NC who lost hundreds of colonies during Hurricane Helene.



Charles and Evelyn Divelbiss Education Award

At each annual conference, the Eastern Apicultural Society presents the **Charles and Evelyn Divelbiss Education Award**. This award is presented to that person or couple who has—over a period of years—reached out to the non-beekeeping public to explain the value of honey bees in our lives.

The nominee does not need to be from your own state or province. You may wish to announce this request for nominations at beekeeping meetings and in their newsletters. Feel free to contact officers of state and local organizations to request their suggestions for possible candidates and letters of support.

The nomination process is easy. Write a letter outlining how the candidate has reached the public over the years. Groups, such as 4-H clubs, scouting organizations, school groups, community organizations, Lions Clubs, and garden clubs, as well as media interviews and exhibits at county and state fairs, qualify as non-beekeeping public.

Although the main criteria are edification of the public, the letter may also include activities that teach Short Courses and other instructional work toward educating beekeepers and prospective beekeepers. The nominee does not need to be a member of EAS (but the Society would be delighted if the recipient would join).

This year's winner will be revealed at the Friday evening Banquet and Awards Ceremony!

Previous Divelbiss Award Recipients

1988	Al Delicata, ME	1997	Jerry Caldwell, DE	2007	Robert Mitchell, DE	2017	Ray Walker, DE
1989	No award given	1998	George Imire, MD	2008	Bill Troup, MD	2017	Alex Zomchek, OH
1990	Charles Mraz, VT	1999	Dr. Dewey Caron, DE	2009	Richard Crawford, NY	2018	Michael Palmer, VT
1991	Bob Haas, NC	2000	Robert Cole, NC	2010	Ann Harman, VA	2019	No award given
1992	Paul Montaux, Canada	2001	Francis Bowen, CT	2011	Billy Davis, VA	2020	Barry Thompson, MD
1993	Stanford Brown, ME	2002	Richard Johnson, NY	2012	Bill Mares, VT	2021	Dr. Tammy Horn Potter, KY
1994	Cliff Sunflower, PA	2003	Tony Jadczk, ME	2013	Becky & Ted Jones, CT	2022	Dr. Tom Seeley, NY
1995	George & Doris Payne, DE	2004	Dan Conlon, MA	2014	Virginia Stephens Webb, GA	2023	James (Jim Bobb), PA
1996	Robert Hughes, NJ	2005	Sherry Ferrell & Dave Heilman, OH	2015	Sam Hall, MY	2024	Kent Williams, KY
		2006	Ed Holcombe, TN	2016	Tim Schuler, NJ		

EAS Student Award

DR. ROGAN TOKACH, EAS CP 2025

Rogan Tokach is a PhD student at Auburn University under Dr. Geoff Williams. His research focuses on developing sustainable parasitic mite management strategies for beekeepers. In Auburn, his work involves working on finding alternative treatment options for amitraz resistant Varroa mites, but he has also had the opportunity to travel to Thailand to conduct research dedicated on filling knowledge gaps concerning Tropilaelaps mite monitoring, detection, dispersal, and management. Rogan completed his MS degree at the University of Nebraska-Lincoln under Dr. Autumn Smart and Dr. Judy Wu-Smart where he studied the impacts a pesticide contaminated environment had on honeybee colony functions. Upon graduation, Rogan plans to take an applied honeybee assistant professor position at North Dakota State University.



Eastern Apicultural Society Research Awards

DR. ESMAEIL AMIRI, DR JIAN CHEN AND DR. BASHIRU ADAMS

Development of an improved trapping system for field monitoring and control of small hive beetles for improved honey bee health. \$10,471

Our collaborative research team brings together the expertise of three distinguished scientists: Dr. Esmail Amiri, Dr. Jian Chen, and Dr. Bashiru Adams. Each member contributes unique skills and knowledge, fostering a multidisciplinary approach to advancing scientific discovery and practical solutions.

Dr. Esmail Amiri is an Assistant Professor in the Department of Agricultural Science and Plant Protection at Mississippi State University. He leads the Center for Pollinator Health at the Delta Research and Extension Center in Stoneville, MS. In this role, Dr. Amiri combines his research expertise with extension responsibilities, focusing on pollinator health. His work aims to improve the well-being of honey bee populations through innovative strategies and practical solutions.

Dr. Jian Chen serves as a Research Entomologist in the Biological Control of Pests Research Unit, United States Department of Agriculture, Agricultural Research Service (USDA-ARS), Stoneville, Mississippi, and a Lead Scientist of a project focusing on developing biologically-based control technologies for managing invasive pest ants. Dr. Chen's extensive background in insect behavior and chemical ecology plays a crucial role in developing targeted pest management strategies.

Dr. Bashiru Adams recently joined the research team as a Postdoctoral Fellow, bringing valuable expertise in insect chemical ecology. His research experience complements the team's efforts to design and implement effective pest control solutions.

By combining their diverse research backgrounds, the team is dedicated to advancing semiochemical-based management strategies against small hive beetles (SHB). Their collective efforts focus on developing an improved trapping system for field monitoring and controlling SHBs, ultimately promoting better honey bee health. This innovative approach has the potential to significantly benefit beekeepers by reducing SHB infestations and enhancing overall pollinator well-being.



From right to left: Drs. Jian Chen, Bashiru Adams and Esmail Amiri

DR. ALVARO DE LA MORA AND DR. SARAH WOOD

Honey bee microbiome as an indicator of colony health during blueberry pollination in three Canadian regions. \$10,000

Dr. Alvaro De la Mora is a Postdoctoral fellow at the Honey Bee Research Lab, at the Western College of Veterinary Medicine, University of Saskatchewan, Canada, in collaboration with Dr. Sarah Wood and Dr. Elemir Simko. Dr. Alvaro received a Ph.D. degree from the University of Guelph, Canada in 2024, and he has a M.Sc. degree in Animal Production. He has nearly 17 years of international experience in honey bee management and research. He has experience in apiculture, teaching, outreach, groups management, statistical analysis of data and interpretation of results, lab techniques, diagnosis of honey bee diseases, and production of hive products. He has taught courses in apiculture and trained producers and students. Therefore, he has collaborated with different research groups at diverse research institutions, that has resulted in several scientific publications.

Dr. Sarah Wood, MSc, DVM, PhD, DACVP, Research Chair in Pollinator Health, Associate Professor, Department of Veterinary Pathology, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

As a veterinary pathologist and Research Chair in Pollinator Health, Dr. Wood's research program focuses on optimizing the management and diagnosis of honey bee disease to enhance the health and productivity of Canadian honey bee



colonies. Her specific research aims include understanding mechanisms of antimicrobial resistance of foulbrood bacteria, investigating the safety and efficacy of overwinter miticide treatments, enhancing pesticide risk assessment for honey bee drones, and improving honey bee health to ensure sustainable pollination of blueberries and canola. The outcomes of this applied research, including novel therapeutics and diagnostics for honey bee disease, will have direct, positive impacts on the health of honey bees and the crops they pollinate, with overall benefits for food security and sustainability. Moreover, Dr. Wood's research program strengthens the relationship between veterinarians and beekeepers, fostering shared advancements in antimicrobial stewardship and surveillance of bee disease.



DR. GEOFFREY WILLIAMS AND DR. DAN AURELL

Pooling DNA-based tests for tropilaelaps mites to enable broad-scale monitoring.. \$9,758

Dr. Geoff Williams is an Associate Professor and Director of the Auburn University Bee Center. Geoff and his team currently focus on addressing the parasitic mites *Varroa destructor* and *Tropilaelaps mercedesae*, as well as coordinating the US Beekeeping Survey alongside the Apiary Inspectors of America. He is the Vice President of the honey bee research association COLOSS (coloss.org) and an apiculture subject editor for the Journal of Economic Entomology. You can follow the research and extension activities of the Bee Center by going to <https://aub.ie/bees>.

Dr. Dan Aurell is a postdoctoral researcher at Auburn University (Alabama, USA). His research focuses on managing parasitic mites (*Varroa* and *Tropilaelaps*). While at Auburn, he has tested practical techniques for *Varroa* management and has worked in South Korea and Thailand on *Tropilaelaps* detection, biology, and management.



Mann Lake Eastern Apicultural Society Scholarship

MEGAN AUSTIN

Megan Austin is a rising sophomore at Loyola University Maryland. She is majoring in Political Science and Spanish. Megan started keeping bees in 2024 but has been involved in beekeeping through the beekeeping club at her high school since 2021 and has loved it ever since. While Loyola does not have a beekeeping club, Megan aims to stay environmentally involved through legislative advocacy at the Maryland House of Delegates and the Maryland Senate, as well as other events through the Environmental Club. She has become an active member of the Baltimore community through volunteer events, three times a week, at Govan's Elementary School and Soul Kitchen. Megan has also joined the Loyola Model United Nations Team as Team Secretary and founded the Loyola Coffee Club. When she is at school, her mom and brother help her to maintain her hives. This summer, her main focuses are monitoring her hives, working and taking some time to relax and read. Once Megan graduates from college, she plans to attend law school, where she hopes to apply her knowledge as a beekeeper and Political Science major to becoming an environmental or international law attorney.



Please Welcome the 2024 New Jersey Honey Queen

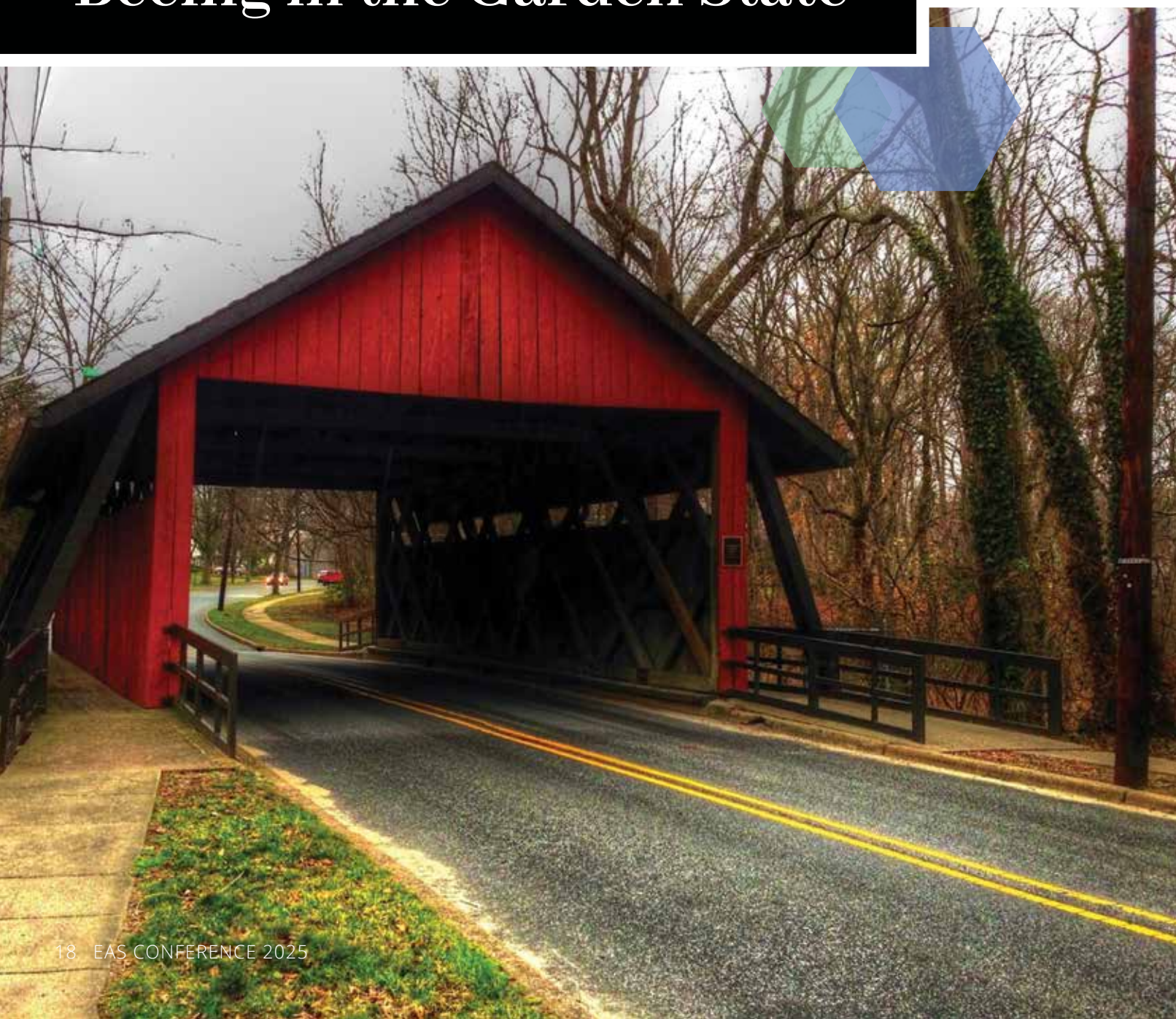
MADDIE TUBBS

Maddie is currently a senior at Rutgers University- New Brunswick, planning to earn her BA in History and MA in Education through the Rutgers Graduate School of Education's five-year program. She started beekeeping when she was only 15 years old, and earned her Girl Scouts Gold Award in 2022 with an educational program teaching grade-school children about honeybees. She developed and maintains the website lets-bee-friendly.com. Maddie is always happy to "talk bees" anytime, anywhere!





Beeing in the Garden State



WELCOME TO Cherry Hill, New Jersey

Dr. Linda A. Mizer, Vice-Chair EAS

Welcome to Cherry Hill, NJ for the 2025 EAS Conference! We are delighted and excited to host you for this meeting and provide a week of information, resources and so much more. Starting with the Welcome Reception on Sunday evening and lively Zumba and relaxing Yoga throughout the week, EAS will be holding Master Beekeeper testing Tuesday and Wednesday, a Honey Show with multiple categories throughout the week – to enter and/or view, multiple lectures and workshop offerings, auctions, Bee Olympics, the Honey Exchange, Painted Boxes and, of course, our valued and supportive vendors. Cherry Hill provides a single indoor site for the lectures, workshops, vendors and meals, spread over the Lobby and Mezzanine levels – accessible via stairs and an elevator. The Apiary is immediately adjacent to the hotel and will provide opportunities for sessions with our Bee Wranglers, and the site of the Queen Rearing hives and Field Exam for the Master Beekeepers.

There are organized dining opportunities throughout the week, from Dining Around Town on Monday to a tour and dinner on the Battleship NJ on Tuesday. A buffet on Wednesday with a special presentation by our Historian, Doug Galloway, celebrating the life of service of Jacob C. Matthenius. Thursday dinner will highlight the awarding of the Honey Show Silver Award winners accompanied by the Live Auction and a special

Silent Auction – a very busy and fun evening! Friday will round out our conference with a plated dinner and presentation of the Divelbiss Award!

Please keep your eyes open for the many volunteers who will be at the conference to help you. They will be sporting easily recognized T-shirts – do not hesitate to ask them any questions you might have.

The week is a great opportunity to reconnect with old friends and make new ones – plenty of time for informal gatherings and discussions on the current and future of bee keeping in the United States and beyond. We hope you have a wonderful time at the conference and will do our best to ensure your stay is welcoming, productive and fun!!





VENDORS

Our vendors this year are located in Grand Ballrooms A and B. This places them centrally with easy access from the lecture rooms on both the Lobby and Mezzanine Levels. They will be open from 3:00 p.m. Monday to midday on Friday. Most of our vendors are with us all week. However, we have a few pop-up vendors joining as well. Be sure to visit the vendor area daily so you don't miss anything. All of our vendors are a huge part of a successful conference. They bring the latest and greatest in bee keeping equipment, contribute items to the EAS Auctions and may serve as Sponsors and/or Donors. Our vendors are wishing us all a good conference. Let's help them have a good conference too with our patronization. If you absolutely already have three of everything consider getting a door prize for your local association. As always, a genuine "thank you for coming, it's good to see you" is always great. Lastly, the refreshments will be held in the vendor area from Monday afternoon through Friday morning providing great access to new treasures while enjoying a tasty break.

VENDORS

Apimon
Apimaye Beehives
Apis Tactical
AZ Hives North America LLC
Betterbee
BroodMinder
Dadant
Foxhound Bee Company
Greenlight Biosciences
HiveAlive
Kutik's Everything Bees
Mann Lake
Nopec Everything Bee
Vacuum
Primal Bee
Reid's Apiary & 'Bee-tique'
Rose Micro Solutions
Solutionbee
Southeast Bee Supply
Swazey Farms
Technically Beekeeping, LLC
The Keeper's Hive
Véto-pharm
Vita Bee Health
Wicwas Press

POP-UP VENDORS

Tuesday and Wednesday

AZ Hives North America

Wednesday and Thursday

BeeWorks, LLC

EZPZ

Hanna Instruments

Wednesday

Hive IQ

Lorob Bees, LLC

Princeton University Press

Strong Microbials

NON-PROFITS

American Beekeeping

Federation

Apiary Inspectors of America

Field Watch

Hives for Heroes

VENDORS WITH

NEW PRODUCT INFORMATION

Apimaye Beehives

Greenlight Biosciences

Primal Bee

Véto-pharm

Vita Bee Health

Southeastbee.com

Dealers
Wanted

Protected
Territory



NEW from Southeast Bee Supply!

Priced to fit your Budget

Now you can compete with the discounters!

Extractors

Heated Creamers

Heated Bottling Tanks

Electronic Vaporizers

Uncapping Tanks

Lobby Level

Floor Map Key

- Meeting/Conference Rooms

■ Amenities/Service Areas

■ Entrance Hall/Public Space

■ Pool

■ Outdoor Space

■ Vendors: Grand Ballroom A&B
- Short Course & Plenary: Grand Ballroom C

■ Registration: Crystal Foyer

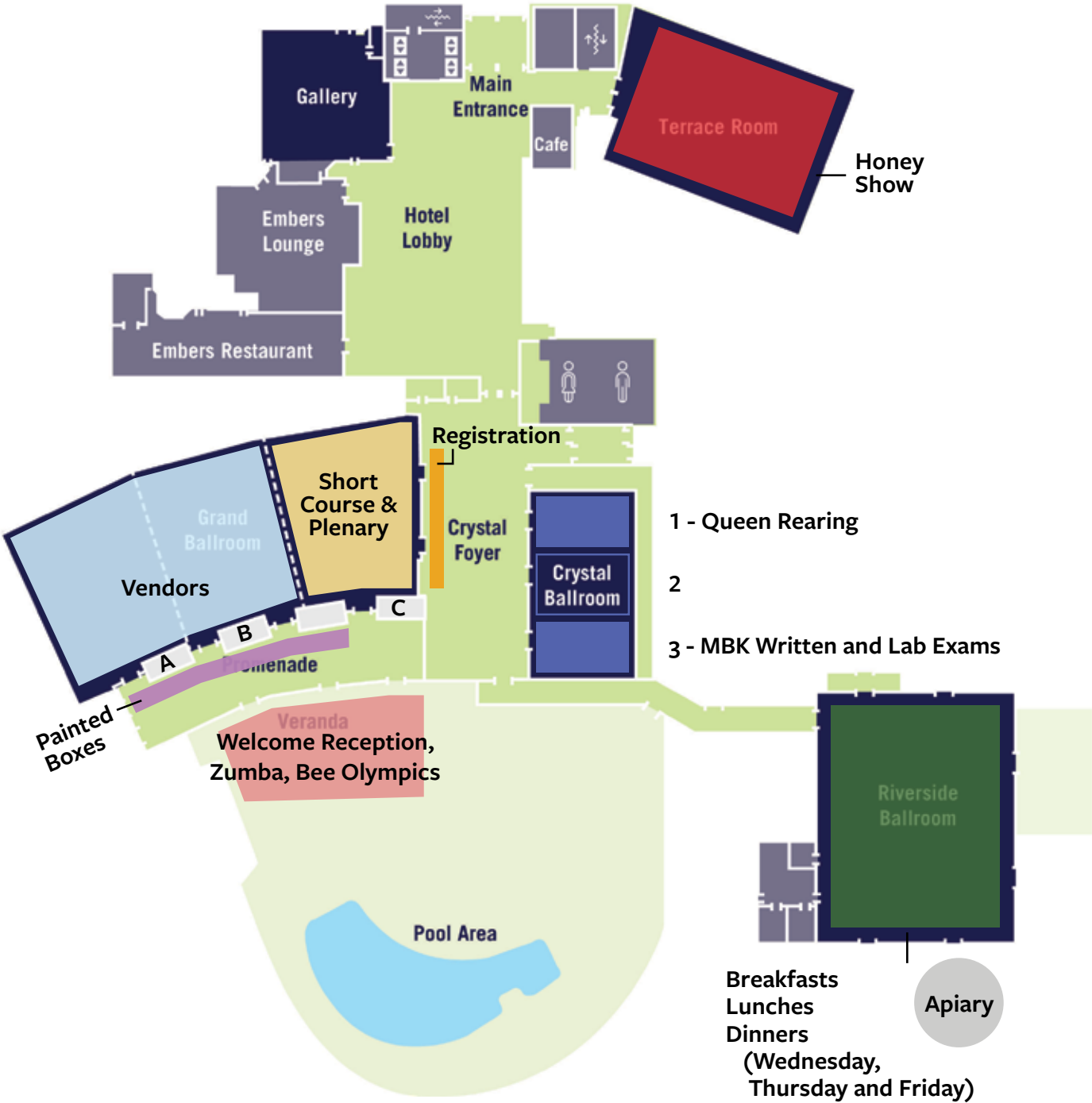
■ Crystal Ballroom 1

■ Crystal Ballroom 3
- Riverside Ballroom: Breakfasts, Lunches, Dinners

■ Promenade: Painted Hives

■ Terrace Room: Honey Show

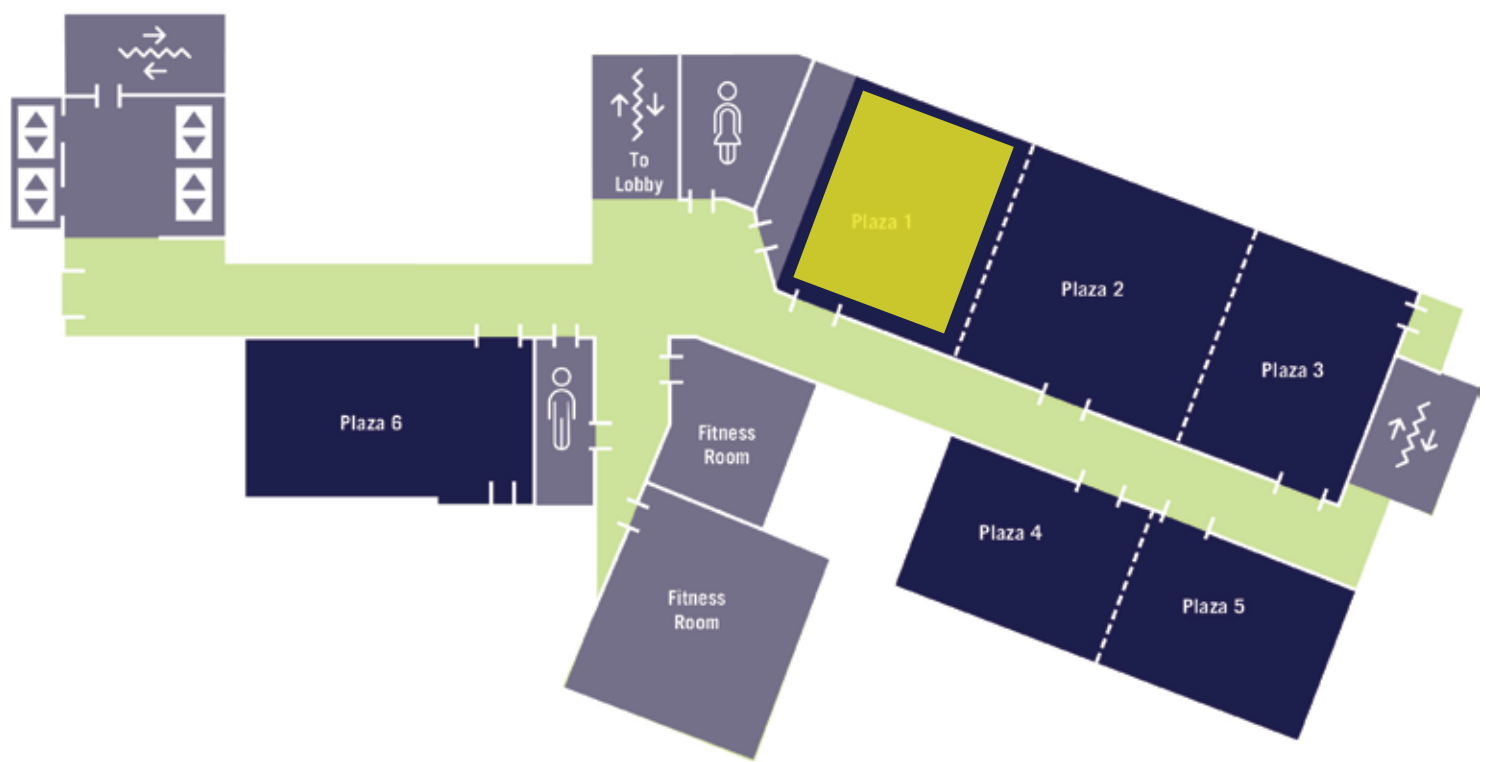
■ Veranda
Welcome Reception
Zumba
Bee Olympics



Mezzanine

Floor Map Key

- Meeting/Conference Rooms
- Amenities/Service Areas
- Entrance Hall/Public Space
- Plaza 1: Yoga



Short Course Schedule

SUNDAY, JULY 27

3:00 - 7:00 PM	Conference Registration – <i>Crystal Foyer, Lobby Level</i>
5:30 - 7:00 PM	Board of Directors Meeting – <i>Gallery, Lobby Level</i>
7:00 - 8:30 PM	Welcome Reception – Registration Required – <i>Riverside Ballroom, Lobby Level</i>

MONDAY, JULY 28

(Subject to Change)

MORNING

7:00 - 8:00 AM	Zumba-Erin Evans – <i>Veranda</i>					
7:30 - 8:30 AM	Breakfast (registration required) – <i>Riverside Ballroom, Lobby Level</i>					
7:30 AM – 4:00 PM	Conference Registration – <i>Crystal Foyer, Lobby Level</i>					
7:30 - 9:30 AM	Honey Exchange Dropoff					
8:00 – 8:30 AM	Registrar & Treasurer Questions – <i>Crystal Foyer, Lobby Level</i>					
THEME AND LOCATION	BEGINNER Bee Biology and Setup Needs Plaza 6	INTERMEDIATE Apiary Setup Plaza 2	ADVANCED Insect Threats - Present Grand Ballroom C	HONEY Gallery	EAS APIARY	QUEEN REARING WORKSHOP* Crystal Ballroom Room #1
8:30 - 9:25 AM	Bee Biology 1 <i>Dr. Deborah Delaney</i>	Apiary Site Considerations <i>Kent Williams</i>	Mites – Varroa and Tracheal - Testing and treatment options <i>Dr. Freddy Proni</i>	Infusing Honey <i>Dave Elkner</i>	Smoker Lighting and Observations to be Made Before Opening a Hive <i>Don Hopkins and Jeff Eckel</i>	Introduction and Making Cell Builders <i>Jennifer Keller</i>
9:25 - 9:35 AM	Transfer time					
9:35 - 10:30 AM	Bee Biology 2 <i>Dr. Deborah Delaney</i>	Observations and Record Keeping <i>John Gaut</i>	Managing Small Hive Beetles <i>Dr. Jon Zawislak</i>	Excellence in Extracted Honey – Preserving the Integrity of Extracted Honey <i>Mark Fiegl</i>	Freeze Patch Test <i>Don Hopkins and Jeff Eckel</i>	Making Cell Builders <i>(At the EAS Apiary) Jennifer Keller</i>
10:30 - 11:00 AM	30 Minute Break and Snacks - Visit Vendors in Grand Ballrooms A&B, Lobby Level					
11:00 - 11:55 AM	Bee Sourcing – Pros and Cons <i>Dr. Jon Zawislak</i>	Setting up Your Apiary For Ease & Success <i>David Burns</i>	Yellow-legged Wasps <i>Don Hopkins</i>	Honey Tasting * <i>Mark Fiegl</i>	Inspection of Colonies – What to Look For <i>Jeff Eckel</i>	Planning and scheduling for successful queen rearing <i>Jennifer Keller</i>
11:50 AM – 1:00 PM	Lunch – Riverside Ballroom and free time to visit Vendors in Grand Ballrooms A&B, Lobby Level					

***Must be preregistered and paid in advance**

MONDAY, JULY 28

AFTERNOON

(Subject to Change)

Theme & Location	BEGINNER	INTERMEDIATE	ADVANCED	HARVESTING FROM THE HIVE	EAS APIARY	QUEEN REARING WORKSHOP *
	Bee Biology and Setup Needs Plaza 6	Apiary Sizing Plaza 2	Nutrition and Feeding Grand Ballroom C	 Gallery	 Riverside Patio Area	 Crystal Ballroom #1
1:30 - 2:25 PM	Bee Keeping – Is it for You? Other ways to help pollinators <i>Jeff Eckel</i>	Maintaining and Downsizing Apiary Size – The Double Screen Method <i>Dr. Leonard Davis</i>	Go With the Flow: Nectar Flows, Bloom Dates, and How They Help You. <i>Dr. David Peck</i>	Creamed Honey and Honey Spreads <i>Landi Simone</i>	“To Be Determined By The Bees” <i>Don Hopkins</i>	Grafting Overview <i>Jennifer Keller</i>
2:25 - 2:35 PM	10 min transfer time					
2:35 - 3:30 PM	Basic Equipment Options and Considerations <i>Kevin Inglin</i>	Taking it to the Next Level <i>Jim Fraser</i>	Carbohydrate and Protein Substitutes <i>Dr. Freddy Proni</i>	Lip Balm, Lotions and Potions <i>Elaine Storm</i>	Reading the Frames <i>Don Hopkins and Jeff Eckel</i>	Practice Grafting <i>Jennifer Keller</i>
3:30 - 4:00 PM	30 Minute Break and Snacks – Visit Vendors in Grand Ballrooms A&B, Lobby Level					
4:00 - 4:55 PM	Maintaining an Observation Hive <i>Erin Evans</i>	Protecting Your Hives <i>Kevin Inglin</i>	Feeding Bees - Which Method Works Best When <i>Landi Simone</i>	Mead <i>Curtis Blodgett, Beach Bee Meadery</i>	Inspecting for Disorders <i>Don Hopkins and Jeff Eckel</i>	EAS MB Candidate Meet, Greet, and Q&A <i>MBK</i>
5:15 - 6:00 PM	Gentle Yoga – Bridgett J. Wilson – Plaza 1, Mezzanine Level					
6:30 - 9:00 PM	Dine Around Town – Sign up required at Registration Desk – Crystal Foyer, Lobby Level					
6:30 - 9:00 PM	Master Beekeeping Volunteer Dinner – Blue Monkey Tavern, 2nd Floor, 2 S Center St., Merchantville, NJ 08109					

**Must be preregistered and paid in advance)*

Short Course Schedule

TUESDAY, JULY 29

MORNING

(Subject to Change)

7:00 - 8:00 AM	Zumba - Erin Evans – <i>Veranda</i>					
7:30 AM-4:00 PM	Conference Registration – <i>Crystal Foyer, Lobby Level</i>					
7:30-8:30 AM	Breakfast (registration required) – <i>Riverside Ballroom, Lobby Level</i>					
7:30 - 9:30 AM	Honey Exchange Dropoff - <i>Crystal Foyer, Lobby Level</i>					
2:30- 5:00 PM	Honey Show Entries Accepted - <i>Terrace Room, Lobby Level</i>					
8:00 – 8:30 AM	Registrar & Treasurer Questions – <i>Crystal Foyer, Lobby Level</i>					
8:30 AM-12:30 PM	Master Beekeeper - Written Exam– <i>Crystal Ballroom #3, Lobby Level</i>					
8:30 AM - 6:00 PM	Master Beekeeper - Oral Exam– <i>Junior Suite 414, Fourth Floor</i>					
Theme & Location	BEGINNER Colony Health Plaza 6	INTERMEDIATE Business of Bee Keeping Gallery	ADVANCED Bee Nutrition Grand Ballroom C	ADVANCED INTRODUCTION TO HONEY SHOW JUDGING Plaza 2	EAS APIARY Riverside Patio Area	QUEEN REARING WORKSHOP * <i>(Must be preregistered and paid in advance)</i> Crystal Ballroom #1 Lobby Level
8:30 - 9:25 AM	Attacks from Inside and Outside the Hive <i>Mary Duane</i>	Valuing the Price of Hive Products <i>Erin Evans</i>	Strategic Pollen Supplementation Christian Adams	No Class	Evaluation of the Freeze Patch <i>Don Hopkins and Jeff Eckel</i>	No Class
9:25 - 9:35 AM	10 min transfer time					
9:35 - 10:30 AM	Maintaining a Disease-Free Condition in the Beehive <i>Dr. Leonard Davis</i>	Cost Analysis of Different Kinds of Boxes <i>Kevin Inglin</i>	Beyond the Bloom: Understanding Seasonal Gaps and Nutritional Stress in Honey Bees <i>David Burns</i>	Honey Show Judging (Introduction, What does a judge do, tools of the honey judge (cont.)) <i>Karla Eisen & Jim Fraser</i>	Follow-up on Problem Hives, and Q&A <i>Don Hopkins and Jeff Eckel</i>	Grafting <i>Jennifer Keller</i>
10:30 - 11:00 AM	30 Minute Break and Snacks - Visit Vendors in Grand Ballrooms A&B, Lobby Level					
11:00 - 11:55 AM	Early Signs of Trouble in a Hive and What to Do About It <i>Dr. James Wilson VA Extension Officer</i>	Cost Analysis of Feeding <i>Mary Duane</i>	Making your own feeding supplements <i>Jerry Futrell</i>	Judging Honey: Extracted, Chunk, Comb, & Creamed <i>Mark Fiegl</i>	What's Wrong with my Hive? Pests or Pesticides? <i>Don Hopkins and Jeff Eckel</i>	Check Cell Builder and Place Grafted Cells in Cell Builder <i>(At EAS Apiary) Jennifer Keller</i>
11:55 AM – 1:00 PM	Lunch – Riverside Ballroom and free time to visit Vendors in Grand Ballrooms A&B, Lobby Level					

***Must be preregistered and paid in advance**

TUESDAY, JULY 29

AFTERNOON

(Subject to Change)

Theme & Location	BEGINNER Colony Health Plaza 6	INTERMEDIATE Business of Bee Keeping Gallery	ADVANCED Future Threats to Our Bees Grand Ballroom C	ADVANCED INTRODUCTION TO HONEY SHOW JUDGING Plaza 2	EAS APIARY Riverside Patio Area	QUEEN REARING WORKSHOP * Crystal Ballroom #1 Lobby Level
1:30 - 2:25 PM	What is a Queen Line Anyway? <i>Dr. James Wilson VA Extension Officer</i>	Apiary Sustainability – Getting Out of Packages/Nucs and Queens <i>Kent Williams</i>	The Infamous <i>Tropilaelaps</i> Mite <i>Dr. Rogan Tokach, Auburn University, North Dakota State University</i>	Judging Beeswax Products <i>Mark Fiegl</i>	What to Expect When Being Inspected <i>Meghan McConnell State Inspector</i>	What to do with Ripe Cells <i>Jennifer Keller</i>
2:25 - 2:35 PM	10 min transfer time					
2:35 - 3:25 PM	Safety Equipment Cleaning and Maintenance, and Following Label Precautions <i>Dr. Leonard Davis</i>	Locally Adapted Queens: Marketing Myth or Cornerstone of Bee Stock Improvement? <i>Dr. David Peck</i>	Workshop on <i>Tropilaelaps spp*</i> . <i>Dr. Rogan Tokach, Dr. Dan Aurell and State Apiarists Crystal Ballroom 2</i>	Honey Show Judging Practice Session I <i>Mark Fiegl, Bob Wellemeyer & Karla Eisen</i>	Insect Pests, Traps, and How to Use Them <i>Don Hopkins and Jeff Eckel</i>	Trouble Shooting and Q&A <i>Jennifer Keller</i>
3:30 - 4:00 PM	30 Minute Break and Snacks - Visit Vendors in Grand Ballrooms A&B, Lobby Level					
4:00 - 4:55 PM	Beginning Beekeeping Round Table <i>Master Beekeepers</i>	Is Setting up Your Operation as a “Business” or a “Farm” the Way to Go? <i>Erin Evans</i>	<i>Tropilaelaps spp</i> Panel Discussion <i>Dr. Rogan Tokach, Dr. Dan Aurell and State Apiarists</i>	Honey Show Judging Practice Session II <i>Mark Fiegl, Bob Wellemeyer & Karla Eisen</i>	Open time <i>Don Hopkins and Jeff Eckel</i>	No Class
5:15 - 6:00 PM	Gentle Yoga – Bridgett J. Wilson – Plaza 1, Mezzanine Level					
5:10-9:00 PM	Dinner – Battleship New Jersey 30-minute deck tour and dinner – registration required for tour and/or dinner* Busses leave at 5:30 PM and return at approximately 9:00 PM					

***Must be preregistered and paid in advance**

Conference Schedule

WEDNESDAY, JULY 30

MORNING

(Subject to Change)

7:00 – 8:00 AM	Zumba - Erin Evans – <i>Veranda</i>
7:30 AM-4:00 PM	Breakfast (registration required) - <i>Riverside Ballroom, Lobby Level</i>
7:30-9:30 AM	Honey Exchange Dropoff – <i>Crystal Foyer, Lobby Level</i>
7:30 AM-4:00 PM	Conference Registration– <i>Crystal Foyer, Lobby Level</i>
8:00-8:30 AM	Registrar & Treasurer Questions – <i>Crystal Foyer, Lobby Level</i>
8:00-11:00 AM	Honey Show Entries Accepted - <i>Terrace Room, Lobby Level</i>
8:30 AM-12:30 PM	MBK Lab Exam - <i>Crystal Ballroom 3, Lobby Level</i>
10:00 AM-4:30 PM	MBK Field Exam, Apiary
8:30-8:45 AM	Introductions and Welcome – <i>Eloise Naylor, EAS Chair & National Anthem – Randy Pearce, Grand Ballroom C, Lobby Level</i>
8:45-9:00 AM	Welcome from the NJ Secretary of Agriculture, Edward Wengryn – Grand Ballroom C, Lobby Level
9:00-9:50 AM	Dr. Diana Cox-Foster – “Honeybees are Native Bees”– Grand Ballroom C, Lobby Level (Tentative)
10:00-10:30 AM	Break and visit Vendors in Grand Ballroom A & B, Lobby Level
10:30 AM- 11:20 AM	Dr. Douglas Tallamay: Nature's Best Hope – Grand Ballroom C, Lobby Level
11:30 AM-1:00 PM	Lunch – Riverside Ballroom and free time to visit Vendors in Grand Ballrooms A&B, Lobby Level

New Product Information sessions:

Wednesday 11:45 AM – 12:45 PM Plaza 4 + 5

Norroa: Varroa Control: Greenlight Biosciences. Norroa is a new and highly effective varroa mite control product with over 10 years of development tested in 1000s of hives. Norroa uses a novel mode of action that ultimately stops varroa mite reproduction. Extensive field trials with commercial beekeepers show that Norroa provides long-lasting control without harming bees. It represents the first major leap forward in varroa mite control in many years and is designed to specifically target varroa mites.

See Wednesday Afternoon Schedule:

VarroxSan®: Varroa Control: Vita Bee Health: Highly effective & easy to apply, VarroxSan® is a natural treatment based on oxalic acid in strip form, to control varroa mite populations in honey bee colonies.

Innovative Thermodynamic Hive: Primal Bee: Primal Bee is the first thermodynamically optimized hive, engineered to improve bee health, increase yields, and enhance operational efficiency. It significantly reduces colony losses and operating costs for commercial beekeepers while unlocking new levels of productivity across honey yields, pollination services, and colony splits.

Apivar 2.0: Véto Pharma: Apivar 2.0 is a recently registered varroa treatment and an updated version of the Apivar strip. The active ingredient of Apivar 2.0 is amitraz, and the formulation was improved to reduce varroa mite levels more efficiently in the first weeks of the treatment. A new flexible hanging system has been added to the product to accommodate different hive types and/or frame sizes. We recommend using Apivar 2.0 within the framework of a sustainable varroa management strategy or IPM (Integrated Pest Management) plan.

Core Plastic Frames: Apimaye. Core Beekeeping's Core Frames are designed to improve the beekeeping experience by overcoming all the shortcomings of the current wooden and plastic frames. They don't have any grooves for small hive beetles to hide and can be used with any plastic foundation you like. They come in both deep and medium size.

WEDNESDAY, JULY 30

AFTERNOON

(Subject to Change)

50 minute workshops	Bee interactions and Future Threats to Our Bees Grand Ballroom C and Gallery	Bridging Arts and Science Plaza 3 and Crystal Ballroom 2	Mix Plaza 2 and Plaza 6	Cooking with Honey Crystal Ballroom 1	Product Introductions Plaza 4 + 5	Apiary
1:00-1:50 PM	Interactions Among Bee Species: What is the Impact of a Honey Bee Apiary on Native Bees? <i>Dr. Diana Cox-Foster</i> Grand Ballroom C	Felting with Bees Wax * <i>Dr. Deborah Delaney</i> Plaza 3	Pollinator Impact on Food Production – Blueberries and Cranberries <i>Dr. Beth Ferguson</i> Plaza 2	Cooking With Honey <i>Adam Hickman</i>	VarroSan®: Varroa Control Vita Bee Health <i>David Westervelt</i>	MBK Field Exams
2:00-2:50 PM	The Infamous <i>Tropilaelaps</i> Mite <i>Dr. Rogan Tokach, Auburn University, North Dakota State University</i> Grand Ballroom C	Molds to make showstopping bees wax candles. <i>Angelo and Anna Trappani</i> Crystal Ballroom 2	Nectar Producing Plants for Honey Bees <i>Joe Alvorez</i> Plaza 2	Honey Infused Cocktails and Recipes <i>Jay Wheeler</i>	Innovative Thermodynamic Hive Primal Bee <i>Dr. Jason Graham and/or Alessandro Gamberoni</i>	MBK Field Exams
2:50-3:20 PM	30 Minute Break and Visit Vendors, Grand Ballroom A & B					
3:20-4:10 PM	<i>Tropilaelaps</i> spp. Workshop* <i>Drs. Rogan Tokach, Dan Aurell and State Apiarists</i> Gallery	Collecting Wax <i>John Gaut</i> Crystal Ballroom 2	Ukrainian Pysanky Workshop* <i>Petrusia Kotlar</i> Plaza 6	Honey Ice Cream Recipes <i>Erin Evans</i>	Apivar 2.0 Véto Pharma <i>Dr. Ulrike Marsky</i>	MBK Field Exams
4:10-5:00 PM	<i>Tropilaelaps</i> Panel <i>Dr. Rogan Tokach, Dr. Dan Aurell and State Apiarists</i> Grand Ballroom C	Modern Wax Cleaning and Tips for Candle Making <i>Lou Naylor and Meghan McConnell</i> Crystal Ballroom 2	Ukrainian Pysanky Workshop* <i>Petrusia Kotlar</i> Plaza 6	Baklava <i>Janaya Davis</i>	Core Plastic Frames Apimaye <i>Arda Kanaat and/or Korhan Kaftanoglu</i>	MBK Field Exams
5:15-6:00 PM	Gentle Yoga – Bridgett J. Wilson — Plaza 1, Mezzanine Level.					
5:30-6:30 PM	Bee Olympics - Veranda					
6:30 -6:45 PM	EAS Group Photo - Veranda					
6:45-9:00 PM	Cash bar, - Riverside Ballroom, Lobby Level					
7:00-9:00 PM	Dinner - Riverside Ballroom, Lobby Level* Doug Galloway - "Jacob C. Matthenius, A Life of Service"					

***Must be preregistered and paid in advance**

Conference Schedule

THURSDAY, JULY 31

MORNING

(Subject to Change)

7:00 – 8:00 AM	Zumba - Erin Evans – <i>Veranda</i>
7:30 - 8:30 AM	Breakfast (registration required) – <i>Riverside Ballroom, Lobby Level</i>
7:30 – 9:30 AM	Honey Exchange Dropoff – <i>Crystal Foyer, Lobby Level</i>
7:30 AM-4:00 PM	Conference Registration – <i>Crystal Foyer, Lobby Level</i>
8:00-8:30 AM	Registrar & Treasurer Questions – <i>Crystal Foyer, Lobby Level</i>
11:30 AM-5:00 PM	Honey Show Open for Viewing – <i>Terrace Room, Lobby Level</i>
8:30-8:45 AM	Conference Updates – Eloise Naylor, EAS Chair & David Elkner, EAS President - <i>Grand Ballroom C</i>
8:45-9:35 AM	Dr. James Nieh, Hambleton Award Winner: <i>Honey Bee Health: Hope for the Future</i> – <i>Grand Ballroom C, Lobby Level</i>
9:35-9:55AM	Break and visit Vendors in Grand Ballroom A & B, Lobby Level
10:00 - 10:50 AM	Mike Connor: “Bees and Trees” – <i>Grand Ballroom C, Lobby Level</i>
10:50 -11:50 AM	Dr. Priya Chakrabarti: “Impact of Climate Change on Honey Bee Nutrition” – <i>Grand Ballroom C, Lobby Level</i>
noon-1:00 PM	Life Member Luncheon - Dr. Dewey Caron: Bee Tales and Questions – <i>Crystal Ballroom 2+3, Lobby Level*</i>
noon -1:00 PM	Non-Life-Members Lunch – <i>Riverside Ballroom, Lobby Level</i> Visit Vendors- <i>Grand Ballrooms A & B, Lobby Level</i>

****Must be preregistered and paid in advance***

THURSDAY, JULY 31

AFTERNOON

(Subject to Change)

50 minute workshops	Forage Sources	Gadgets	Apitherapy	Colony Manipulation and Monitoring	Potpourri
	Park Walk 3:20 PM Plaza 4 + 5	Crystal Ballroom 2 + 3 and Plaza 2 +3	Gallery	Grand Ballroom C and Crystal Ballroom 1	Plaza 4 +5 3:20 Plaza 6
1:00-1:50 PM	Walk in Cooper River Park – Plant ID* <i>Mike Connor</i>	Gadgets <i>Kevin Inglin</i> Crystal Ballroom 2 + 3	Apitherapy 101 for Beginners <i>Elaine Storm</i>	Advanced Artificial Swarming Techniques <i>Erin Evans</i> Grand Ballroom C	Hornets and Heroes: The Amazing World of Defensive Honey Bee Communication <i>Dr. James Nieh, Hambleton Award Winner</i> Plaza 4 +5
1:50-2:00 PM	10 min break/ transfer time				
2:00-2:50 PM	Walk in Cooper River Park – Plant ID* <i>Mike Connor</i>	Advantages of Top-Entrance Langstroth Hives <i>Tony Andric</i> Crystal Ballroom 2 + 3	Pollen and Its Benefits <i>Dr. Vetaley Stashenko</i>	Cut Outs <i>Robert Simonofsky</i> Grand Ballroom C	Current Understanding of Honey Bee Nutrition <i>Priya Chakrabarti</i> Plaza 4 +5
2:50-3:20 PM	30 Minute Break and Visit Vendors, Grand Ballroom A & B, Lobby Level				
3:20-4:10 PM	Crop Planting for Pollinators <i>Dave Frank</i> Plaza 4 +5	Gadget Display <i>Kevin Inglin and Russel Sprangel</i> Plaza 2 +3	Chiropractic and Apitherapy – An Introduction Connecting the Nervous System with Potential Complimentary Outcomes <i>Dr. Petrusia Kotlar</i>	DNA-Based Detection of <i>Tropilaelaps</i> Mites <i>Dr. Dan Aurell, Auburn University</i> Grand Ballroom C	Hive Monitoring Workshop <i>Rich Morris, Theo Hatmann, Anya McGuirk, John Gaut, & Theresa Martin</i> Plaza 6
4:10-5:00 PM	Flower Power: Establishing Pollinator Habitat on Natural Gas Rights of Way <i>Dr. Tammy Horn-Potter</i> Plaza 4 +5	Gadget Display <i>Kevin Inglin and Russel Sprangel</i> Plaza 2 +3	Benefits of Propolis for Apitherapy <i>Dr. Vetaley Stachenko</i>	<i>Tropilaelaps</i> workshop* <i>Dr. Rogan Tokach, Dr. Dan Aurell and State Apiarists</i> Crystal Ballroom 1	Hive Monitoring Workshop <i>Rich Morris, Theo Hatmann, Anya McGuirk, John Gaut, & Theresa Martin</i> Plaza 6
5:15-6:00 PM	Gentle Yoga – Bridgett J. Wilson — Plaza 1, Mezzanine Level				
5:15-6:00 PM	Podcast, Kevin Inglin – Gallery				
6:00-9:00 PM	Cash bar - Riverside Ballroom, Lobby Level				
6:30-9:00 PM	Dinner - Riverside Ballroom, Lobby Level* Presentation of Honey Show Silver Awards and Live Auction				

*Must be preregistered and paid in advance

Conference Schedule

FRIDAY, AUGUST 1

MORNING

(Subject to Change)

7:00 – 8:00 AM	Zumba - Erin Evans – <i>Veranda</i>
7:30-8:30 AM	Master Beekeeper Annual Meeting and Breakfast – <i>Gallery, Lobby Level</i>
7:30 – 8:30 AM	Breakfast (registration required) - <i>Riverside Ballroom, Lobby Level</i>
7:30 AM-noon	Conference Registration - <i>Crystal Foyer, Lobby Level</i>
8:00 – 8:30 AM	Registrar & Treasurer Questions – <i>Crystal Foyer, Lobby Level</i>
9:30 AM-3:00 PM	Honey Show Open for Viewing – <i>Terrace Room, Lobby Level</i>
8:30-8:45 AM	Conference Updates – <i>Eloise Naylor, EAS Chair & David Elkner, EAS President – Grand Ballroom C, Lobby Level</i>
8:45-9:45 AM	Jennifer Keller, Morse Award Winner – Recovery Efforts for Beekeepers in Western NC after Hurricane Helene, Grand Ballroom C, Lobby Level
9:45-10:15 AM	30 Minute Break and Visit Vendors – <i>Grand Ballroom C, Lobby Level</i>
10:15-10:30 AM	2026 Conference Introduction, <i>Dr. Leonard Davis - Grand Ballroom C, Lobby Level</i>
10:30-11:30 AM	EAS Annual Meeting – <i>Grand Ballroom C, Lobby Level</i>
11:30 AM-1:00 PM	Lunch – <i>Riverside Ballroom, Lobby Level</i>
12:00-1:00 PM	Honey Exchange Pickup – <i>Registration Area, Lobby Level</i>

1:00 – 1:50 PM Queen rearing - Check on Grafts. IN APIARY - Jennifer Keller

FRIDAY, AUGUST 1

AFTERNOON

(Subject to Change)

50 minute workshops	Bees and the Art World Crystal Ballroom 1 and Crystal Ballroom 2+3	Future of Beekeeping Grand Ballroom C	Apitherapy Gallery	Potpourri Crystal Ballrooms 2 + 3	Encaustic Collage Plaza 6
1:00-1:50 PM	Cyanotypes with Pressed Plants* <i>Dr. Deborah Delaney</i> Crystal Ballroom 1	Honey Trees and Their Care <i>Mike Connor</i>	Bee Venom Therapy for Lyme Disease <i>Dr. Patrick Fratellone</i>	Delivering Big Bee Topics to Younger Audiences <i>Emilia Burnham, American Honey Princess</i>	Encaustic Collage – One More Way to Use Beeswax! Session I* <i>Sandra Koberlein</i>
1:50-2:00 PM	10 min break/ transfer time				
2:00-2:50 PM	Bees Need Teachers To Learn How to Waggle Dance. <i>Dr. James Nieh, Hambleton Award Winner</i> Crystal Ballroom 2+3	Death to Knotweed, Clover, and Tallow Trees! (And Honey Bees?!) How Should We Feel About Working With "Invasive Species"? <i>Dr. David Peck</i>	How to Collect Bee Venom <i>Dr. Vetaley Stashenko</i>	Opportunities for Citizen Science <i>Dr. Priya Chakrabarti</i>	Encaustic Collage – One More Way to Use Beeswax! Session I (continued)* <i>Sandra Koberlein</i>
2:50.-3:20 PM	Snacks – <i>Riverside Ballroom, Lobby Level</i>				
3:00-4:00 PM	Master Beekeeper Exam Review – Plaza 4 & 5				
3:20-4:10 PM	Wrangling Bees in Hollywood <i>Dr. Adam Hickman</i> Crystal Ballroom 2+3	Black Bears in New Jersey/Research, Management and Damage Preventative Techniques <i>Mike Madonia And Meghan McConnell</i>	Nourishment from Honey Bees: Propolis and Honey <i>Dr. Patrick Fratellone</i>	Apiary Inspectors of America Round Table	Encaustic Collage – One More Way to Use Beeswax! – Session II (continued)* <i>Sandra Koberlein</i>
4:10-5:00 PM	Wrangling Bees in Hollywood <i>Dr. Adam Hickman</i> Crystal Ballroom 2+3	Bear Fencing <i>Landi Simone</i>	Apitherapy Q&A <i>Apitherapy Presenters</i>	Apiary Inspectors of America Round Table	Encaustic Collage – One More Way to Use Beeswax! – Session II (continued)* <i>Sandra Koberlein</i>
3:00-5:00 PM	Honey Show - Post Show Pick Up of Entries – <i>Terrace Room, Lobby Level</i>				
6:30-9:00 PM	Cash bar - <i>Riverside Ballroom, Lobby Level</i>				
7:00-9:00 PM	Plated Awards Dinner Banquet- <i>Riverside Ballroom, Lobby Level</i> * Presentation of New Master Beekeepers Presentation of Hambleton and Roger A. Morse awards, Announcement of Divilbiss Award				

***Must be preregistered and paid in advance**

PRESENTERS AND SPEAKERS

CHRISTIAN ADAMS

Christian is the owner of Honey Harvest Apiary, a beekeeping business based in South Jersey. A former member of the University of Delaware Bee Lab, his work centers on the ethnobiology of global beekeeping with a focus on practices involving *Apis mellifera* in its native range and the rise of meliponiculture. His passion for bees has taken him across the globe, from tracking wild colonies along the East Coast to studying stingless bees in the heart of the Peruvian Amazon. Outside of beekeeping, Christian enjoys fishing and foraging for culinary mushrooms.



Strategic Pollen Supplementation

Tuesday, July 29, 2025

8:30 – 9:25 a.m.

Grand Ballroom C

Recognizing and diagnosing pollen dearths/stress in the hive from it, best methods for pollen supplementing, and a comparison of natural vs. various artificial supplements.

TONY ANDRIC

Tony Andric is a recovering computer/electrical engineer, addicted beekeeper, makes doors for chickens?, has zero life insurance, lives near Lockhart, Texas (BBQ capital of Texas), old, fat, white, bald, bearded guy (1967 model), married, uses Langstroth mediums only with top entrance, survival genetics & is treatment free.



Advantages of Top-Entrance Langstroth Hives

Thursday, July 31, 2025

Plaza 2 + 3

2:00 - 2:50 p.m.

The Langstroth hive design is not perfect. There is one Achille's Heel, and one problem "elephant in the room" with the Langstroth Hive design: the bottom entrance. This class explains in depth the numerous issues with the bottom entrance, and contrasts the one simple solution: let the bees enter the hive through the top. Also my evolution of the top entrance design will be presented.

JOE ALVAREZ

Joe has recently served as 2nd VP for the New Jersey Beekeepers Association (NJBA) and presently serving as their Outreach Coordinator. With over 42 years in the landscape and nursery industry, Joe's recent research project is a United States Department of Agriculture (USDA) Specialty Crop Block Grant focused on the NJ native beach plum (*Prunus maritima*) propagation as an added value crop. Joe is a former Master Gardener Instructor and Agricultural Program Assistant for the Rutgers Cooperative Extension of Cape May County. With nine year's experience as a high school science teacher, Joe is currently a professor for Rowan College of South Jersey Ornamental Horticulture / Agriculture Program, along with the Cape May County Library's Adult Education Series on Horticulture and Gardening. Combining experience as a beekeeper and a horticulturalist gives Joe a unique perspective when it comes to pollinators and forage sources for both native and ornamental species.



Nectar Producing Plants for Honey Bees

Wednesday, July 30, 2025

2:00-2:50 p.m.

Plaza 2

Across the United States, and especially the Mid-Atlantic States, the increase in development has caused a decrease in the plants and habitat that are critical to the survival of our honey bees and other pollinators. This reduction along with widespread use of pesticides and herbicides does strongly influence this decline. Honey bees need late season sources of pollen and nectar in order to get them through the winter. Come and learn just how you can help even if you don't have a green thumb.

DR. DAN AURELL

Dan Aurell is a postdoctoral researcher at Auburn University (Alabama, USA). His research focuses on managing parasitic mites (*Varroa* and *Tropilaelaps*). While at Auburn, he has tested practical techniques for *Varroa* management and has worked in South Korea and Thailand on *Tropilaelaps* detection, biology, and management.



DNA-Based Detection of Tropilaelaps Mites

Thursday, July 31, 2025

3:20-4:10 p.m.

Grand Ballroom C

The honey bee parasite *Tropilaelaps mercedesae* has spread to new regions in Asia and Eastern Europe, and it is likely to continue spreading. This mite is challenging to monitor for, because it is just 1/3 the size of *Varroa* and spends most of its life in brood cells. This talk covers research on DNA-based detection methods, which showed this can work on easy-to-collect colony samples. A pooled testing experiment funded by the EAS Foundation for Honey Bee Research had promising results for making DNA-based detection more cost-effective.

Tropilaelaps workshops

Tuesday, July 29, 2025

2:35-3:25 p.m.

Gallery

Wednesday, July 30, 2025

3:20-4:10 p.m.

Gallery

Thursday, July 31, 2025

4:10-5:00 p.m.

Gallery

Tropilaelaps Panel Discussions:

Tuesday, July 29, 2025

4:00 – 4:55 p.m.

Grand Ballroom C

Wednesday, July 30, 2025

3:20 – 4:10 p.m.

Gallery

CURTIS BLODGETT

Award winning mead and cider producer with 5 years of professional experience. Started down the home brew fermentation path in the late 80's as a hobby. The hobby turned into a profession in 2019 after making 180+ home micro mead batches. Through continual growth and product development, our meads are now available in 42 states through vino shipper.



Process and Tools used for Making Mead at our Meadery

Monday, July 28, 2025

4:00-4:55 p.m.

Plaza 6

We started making mead at home and transitioned to professional in December of 2019. Over the past 5 plus years we have produced many award-winning meads and ciders. This lecture will review the process we now follow as well as the online tools and resources used. The goal of this presentation is to perhaps help you to make a better mead at home.

EMILIA BURNHAM, AMERICAN HONEY PRINCESS

Emilia Burnham, the 2025 American Honey Princess, will be a guest of the Eastern Apicultural Society July 31st and August 1st. She will be circulating during the conference, assist with the live auction and will spend time before and after speaking about how honeybee pollination diversifies our diet and how honey is nature's remedy.



Emilia is the daughter of John and Pavlina Burnham of Murrieta, California. She is a Master's student at the University of California, Riverside, where she is majoring in entomology. Her studies focus on the honeybee microscopic fungal parasite *Nosema ceranae*. Emilia is a fourth-generation beekeeper and has a strong interest in honeybee products and their benefits to mankind.

As the 2025 American Honey Princess, Emilia serves as a national spokesperson on behalf of the American Beekeeping Federation, a trade organization representing beekeepers and honey producers throughout the United States. The American Honey Queen and Princess speak and promote in venues nationwide, and, as such Princess Emilia will travel throughout the United States in 2025. Prior to being selected as the American Honey Princess, Emilia served as the 2024 California Honey Queen. In this role, she promoted the honey industry in a wide range of venues, including educational presentations and community events.

The beekeeping industry touches the lives of every individual in our country. In fact, honeybees are responsible for nearly one-third of our entire diet, and through the pollination services they provide for a large majority of fruits, vegetables, nuts and legumes. This amounts to nearly \$19 billion per year of direct value from honeybee pollination to United States agriculture.

Delivering Big Bee Topics to Younger Audiences

Friday, August 1, 2025

1:00 - 1:50 p.m.

Crystal Ballrooms 2 + 3

Teaching technical bee themes/concepts to students of all ages - ways to bring the complex messages to an easily understandable format for students in elementary, middle, and high school.

DAVID BURNS

David Burns is a Master Beekeeper certified by the Eastern Apicultural Society (2010) and the founder of Long Lane Honey Bee Farms in Illinois. He has mentored thousands of beekeepers through his online courses, weekly livestreams, and his popular YouTube channel with over 170,000 subscribers. A passionate educator and innovator, David is known for practical, science-based beekeeping advice and for developing tools like the Winter-Bee-Kind feeder to help colonies survive winter more successfully. He writes a weekly column in Bee Culture magazine. His goal is to help beekeepers think critically, manage proactively, and keep healthier bees through every season. He and his wife, Sheri, are co-authors of *Backyard Beekeeping: Everything You Need to Know to Start Your First Hive*.



Setting Up Your Apiary For Ease & Success

Monday, July 28

11:00 – 11:55 a.m.

Plaza 2

After you've picked the right location, how you set up your apiary can make or break your beekeeping experience (and your back). In this practical talk, David Burns shares smart strategies for hive arrangement, equipment flow, and inspection efficiency. Learn how to build an apiary that supports your daily tasks, grows with your goals, and helps prevent costly mistakes.

Beyond the Bloom: Understanding Seasonal Gaps and Nutritional Stress in Honey Bees

Tuesday, July 29

9:35 - 10:30 a.m.

Grand Ballroom C

In this advanced presentation, David explores how nutritional stress affects colony health across the seasons—especially during natural forage dearths. Learn how to recognize the signs of nutritional shortfalls and respond with timely, biology-based interventions that align with the colony's needs during buildup, brood rearing, and seasonal transitions.

DR. DEWEY CARON

Dr Dewey M. Caron is Emeritus Professor of Entomology & Wildlife Ecology, Univ of Delaware, & Affiliate Professor and Content/ Communications specialist OR Master Beekeeper program, Dept Horticulture, Oregon State University. He had professional appointments at Cornell (1968-70), Univ of Maryland (1970-81) and Univ of Delaware (1981-2009), serving as Department chairman at the last 2. He retired from Univ of Delaware in 2009 and moved to Portland, OR to be closer to grandkids. In retirement he remains active in bee education and EAS.



Bee Tales and Questions

Lifetime Luncheon Talk

Thursday, July 31, 2025

11:30 a.m. – 1:00 p.m.

Gallery

Lifetime Members get to tell bee tales and always there is another question to answer. Light-hearted examination of being an EAS lifer and suggestions on how to answer those daunting questions.

DR. PRIYA CHAKRABARTI BASU

Dr. Chakrabarti Basu's biography can be found on page 13.



Impact of Climate Change on Honey Bee Nutrition

Thursday, July 31, 2025

10:35 - 11:25 a.m.

Grand Ballroom C

The impacts of adverse weather can be profound on the nutritional quality of bee forage and honey bee health. This talk will focus on how heat and drought stress are affecting honey bees and the plants they rely on for pollen and nectar.

Current Understanding of Honey Bee Nutrition

Thursday, July 31, 2025

2:00 - 2:50 p.m.

Plaza 4 + 5

Bee nutrition is an important yet underexplored area of research. This talk will focus on why bee nutrition is important, the basics of bee nutrition and how to supplementally feed colonies when needed.



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Opportunities for Citizen Science

Friday, August 1, 2025

2:00 - 2:50 p.m.

Crystal Ballrooms 2 + 3

Citizen scientists are a valuable resource in building information databases. This talk will explore the various bee nutrition databases we are building, how citizen scientists are a valuable resource for these and how the audience can contribute.

MIKE CONNOR

Mike Connor's biography can be found on page 13.



Bees and Trees

Thursday, July 31, 2025

9:45-10:35 a.m.

Grand Ballroom C

Trees are one of the largest and earliest sources of nectar and pollen for Honey Bees. Often overlooked, even by experienced beekeepers, trees provide resources for spring colony buildup and major honey crops. They are "Meadows in the Sky!" In this talk

we'll look at some you may know, and some important ones that may surprise you!

Walk in Cooper River Park - Plant ID

Thursday, July 31, 2025

1:00 -2:50 p.m.

Meet at Hotel Entrance

The goal will be to identify the major and minor sources of bee forage in the park and review their blooming time. Mike will show how to use phone applications and you will practice on a few plants, and then discuss the results compared to other resources.

Honey Trees and Their Care

Friday, August 1, 2025

1:00 - 1:50 p.m.

Grand Ballroom C

Mike Connor shares his decades of experience as a nursery grower and arborist to discuss and illustrate some of the good and bad things we do to our trees, from young seedlings to ancient giants. The emphasis is on establishing new honeybee friendly trees and maintaining the old ones.

DR. DIANA COX-FOSTER

Dr. Diana Cox-Foster's biography can be found on page 12.



Honey Bees are Native Bees

Wednesday, July 30, 2025

9:00 - 9:50 a.m.

Grand Ballroom C

This presentation follows the evidence for a question posed by a commercial beekeeper several years ago and is coauthored with Arathi Seshadri and Arian Avalos. It will present the history of honey bees, their genetics, and benefits to pollination in North America. The talk will pull together info from the fossil record, imports of bees into Mexico by the early explorers, genetic studies on bee diversity/origins, and role in pollination with other pollinators. You may be surprised by the evidence, much as the co-authors where when they took a deep dive into the subject.

Interaction Among Bee Species: What is the Impact of a Honey Bee Apiary on Native Bees?

Wednesday, July 30, 2025

1:00-1:50 a.m.

Grand Ballroom C

What is the Impact of a Honey Bee Apiary on Native Bees? In the recent years, more claims have been made that honey bees are creating issues for native bees and have led to restrictions on placement of apiaries. This presentation will explore and present data from comprehensive studies asking about the impacts of honey bee apiaries on native bees- by examining carrying capacity and how it affects species interactions. Briefly, the talk will also discuss interactions of the different bee species with plants when competition is created and summarize evidence for pathogens being shared and the impacts on the bees. Overall, the presentation will present data that the amount of floral resources is key to the health of all the species and their reproduction.

JANAYE DAVIS

Food has always been a major component of Janaye's life. Stories of working with food as early as a toddler have been imprinted in her memory. This self-taught cook combines her innate interest in food and appreciation of world culture. She believes food tells the story of a culture, inviting curious palates to the table to learn



more through the senses. Eleven years as a Family and Consumer Science Teacher and fifteen years as an organic gardener, provide a platform to demonstrate how easy, fun, and stimulating food preparation can be while encouraging a "closer to nature" lifestyle.

Cooking with Honey

Wednesday, July 30

4:10 - 5:00 p.m.

Crystal Ballroom 1

Janaye will be presenting a demonstration of Baklava, a well beloved Mediterranean and Middle Eastern dessert.

DR. LEONARD DAVIS

Leonard attended the University of Kentucky and majored in agriculture but later attended the Auburn University College of Veterinary Medicine where he earned the degree of Doctor of Veterinary Medicine in 1989. He is the owner and operator of Davis Animal Clinic in Louisville, KY. Leonard is USDA-Aphis accredited. Leonard has been keeping bees for approximately 13 years total. He currently manages around 45 colonies. He grafts his own queens and is self-sustaining. He is currently the president of the Bullitt County Beekeepers Association. Leonard is a member of the Kentucky State Beekeepers Association, the Kentucky Queen Breeders Association, and the Kentuckiana Beekeepers Association. He was the president of the EAS 2021 Conference and is the Kentucky EAS Director. Leonard is an EAS Certified Master Beekeeper.



Maintaining and Downsizing Apiary Size – the Double Screen Method

Monday, July 28, 2025

1:30-2:25 p.m.

Plaza 2

There are many uses for the double screen board. One major use is its use to perform a vertical split for swarm control. It allows for a potential increase in honey production, a split without an increase in hive numbers, and for the potential production of a new queen.

Maintaining a Disease-Free Condition in the Beehive

Tuesday, July 29, 2025

9:35-11:30 a.m.

Plaza 6

You may never see many of the diseases discussed in this talk. Hopefully, you do not. However, you should at least know how to identify and potentially treat them.

Safety Equipment Cleaning and Maintenance, and Following Label Precautions

Tuesday, July 29, 2025

2:35-3:25 p.m.

Plaza 6

Having properly maintained and working personal protective equipment is critical in beekeeping for your safety. It is also important to have a good knowledge on how to handle the many chemicals that are used for parasite control.

DR. DEBORAH DELANEY

Dr. Delaney is a full professor in the Department of Entomology and Wildlife Ecology at the University of Delaware. She currently mentors graduate and undergraduate students working on various aspects of pollinator health and productivity. Deborah adores interacting with students and you can find her teaching *Insects and Society*, *Apiculture*, *Pollination Ecology*, *Aquatic Entomology*, *Bridging Art and Science: Environmental Communication*, *Growing Future Naturalists*. She just started a new MS program in *Environmental Education* and is excited to teach people how to develop engaging scientific curriculum. Dr. Delaney has over 30 years of experience working with pollinators, specifically honey bees and maintain between 50-100 colonies in and throughout Delaware, Pennsylvania and Maryland. She loves all insects and is passionate about combining the art and science of beekeeping and entomology to engage the public.



Bee Biology 1

Monday, July 28, 2025

8:30-9:25 a.m.

Plaza 6

The intricate honey bee unpacked. Learn about unique honey bee form and function.

Bee Biology 2

Monday, July 28, 2025

9:35-10:30 a.m.

Plaza 6

The intricate honey bee unpacked. Learn about unique honey bee form and function.

Felting with Bees Wax

Wednesday, July 30, 2025

1:00-1:50 p.m.

Crystal Ballroom 3

Felting is a textile process that bonds wool fibers together, creating a dense and warm fabric or object. It is achieved through either needle felting (using barbed needles) or wet felting (using hot, soapy water and agitation). We will use the dry needle felting technique to create either a lavender stuffed sachet, or a coaster with design.

Cyanotypes with Pressed Flowers

Friday, August 1, 2025

2:00-2:50 p.m.

Crystal Ballroom 1

A cyanotype is a print made using a light-sensitive chemical solution that produces a Prussian blue color. The process was invented in 1842 by John Herschel, an astronomer, scientist, and botanist. Cyanotypes were originally used to make copies of notes and diagrams but are now used for a variety of artistic purposes. Flower material will be provided, but please feel free to bring your own flowers to use in this session.

MARY DUANE

Mary Duane has been keeping honeybees as a hobbyist for the last twenty-five years. She is the former President of the Worcester County Beekeepers Association, the Massachusetts Beekeepers Association, and the Eastern Apicultural Society (EAS). She is an EAS certified Master Beekeeper. She has lectured across the east coast on the importance of honeybees in our environment and beekeeping practices. She enjoys judging honey and beeswax at state agricultural fairs each summer. She is a retired public school science teacher and runs her own Honey business -Miss Mary's Honey.



Attacks from Inside and Outside the Hive

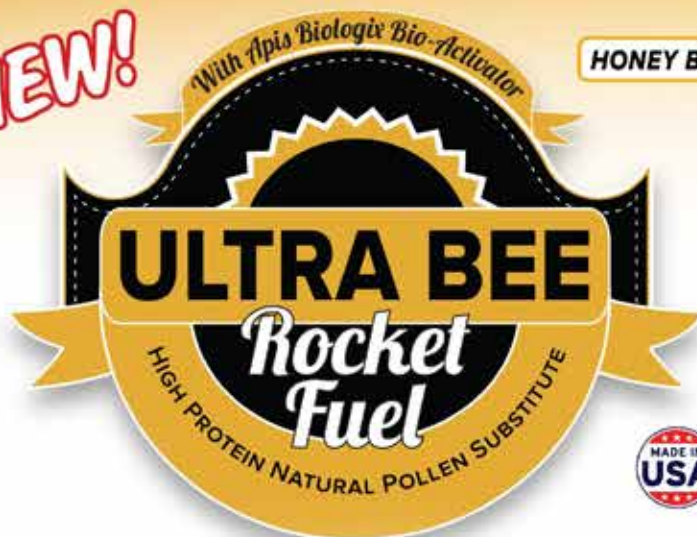
Tuesday, July 29, 2025

8:30-9:25 a.m.

Plaza 6

Pests and diseases in your hive and animals that want to eat your bees, honey and wax.

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Pair Pro-Sweet & Pro Health for stronger, healthier bees!



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Cost Analysis of Feeding

Tuesday, July 29, 2025

11:00-11:55 a.m.

Gallery

Is it worth the expenses and effort? Does feeding produce more bees, healthier bees?

JEFF ECKEL

Jeff Eckel has kept Bees since 2007 and has been a Pennsylvania state apiary inspector since 2016. Jeff enjoys offering open hive talks at the annual Philadelphia honey festival allowing folks of all ages and backgrounds to experience the wonder of honey beehive.



Beekeeping – Is it for You? Other Ways to Help Pollinators

Monday, July 28, 2025

1:30-2:25 p.m.

Plaza 6

Jeff plans on talking about the practicality of beekeeping in urban and suburban environments and the demands in both time and energy.

KARLA EISEN

Re-invigorating honey shows in Virginia is one of Karla's interests. She serves as chair of the EAS Honey Show Advisory Committee, was the VA EAS director and 2018 program chair, and served as asst. secretary and judge for EAS honey shows since 2016. Humbled by the expert craftsman/craftswomen who have guided her, she obtained certification as a Florida honey judge from the University of Florida in 2019 and is certified by the American Honey Show Training Council.

Inspired early in her beekeeping endeavors by very wise beekeepers and embracing their ideas of a sustainable apiary her beekeeping has focused on encouraging a sustainable bee club and beekeeping community whose members can produce enough nucleus colonies to supply bees instead of importing packages. Her local club has not bought packages in well over a dozen years and maintains a nuc program. Karla teaches beekeeping as part of the Virginia Teaching Consortium, and with the help of her husband runs an increasingly smaller sideline apiary business in the remaining rural areas on



the outskirts of Northern Virginia. Karla is an EAS Master Beekeeper and has dabbled in the British (BBKA) master beekeeping program.

Honey Show Judging (Introduction, What Does a Judge Do, Tools of the Honey Judge)

This session is in conjunction with Jim Fraser

Tuesday, July 29, 2025

9:35 - 10:30 a.m.

Plaza 2

This session will cover a brief history and introduction to the EAS Honey Show, the importance of honey shows in increasing excellence in the craft of honey and hive products, and the many individuals that make a honey show a success. We will go over the roles and responsibilities of the Honey Show Judge, practical approaches to common issues faced in the honey show room and the tools a honey judge uses.

Honey Show Judging Practice I and II

Double session in conjunction with Bob Wellemeyer and Mark Fiegl.

Tuesday, July 29, 2025

2:35-4:55 p.m.

Plaza 2

In these sessions participants will be able to sit with the judges and practice judging entries. This is a perfect time to practice and gain experience in judging honey and beeswax products. Participants are strongly encouraged to bring in entries to be judged.

Participants will be able to go from one station to another for practice in judging each class. Each of the classes will have a judge overseeing the process, guiding and teaching the participants as they follow the EAS scorecard.

DAVID ELKNER

Dave Elkner started his beekeeping adventure as a freshman in high school. The fresh wax and white pine odor hooked him for life. That was 47 years ago. Since that time he has grown his (and now his wife's) business 100 times over. Dave is the current New Jersey State Beekeeping president and runs a small scale pollination and honey production business. They are always seeking out ways to expand the family business which lead to infused honey.



Infusing Honey

Monday, July 28, 2025

8:30-9:25 a.m.

Gallery

This presentation is on how Bee Cool Pollination does the various honey infusions. We start with a wildflower honey and add the different flavors to create a distinctive flavored honey. We believe that the honey flavor needs to be the primary flavor followed by the infused flavor.

Most of the flavors are customer inspired. We try to add one new flavor each year. At the end of the year we consider dropping a flavor that the public no longer wants. It is a true learning curve as not all flavors infuse into the honey easily. An example of this is Lavender. First we needed to find the edible type of lavender and experiment with the process. In our opinion lavender is a challenge to infuse.

The most unique flavor we have had requests for has been portabella. We are always looking for new ways and flavors to infuse into honey.

ERIN EVANS

Erin Evans is an EAS Master Beekeeper and sideline beekeeper in Portland Maine. Erin runs a small-scale apiary of 75+ colonies. Her operation focuses on sustainable beekeeping and practices, small scale queen rearing and nucleus colony management and practicing beekeeping within a permaculture system. Erin's educational focus is on small and mid-scale operations, particularly in urban, suburban and other highly populated settings.



Zumba Instructor

Monday through Friday

7:00 – 8:00 a.m.

Veranda

Also known as “exercise in disguise”, Zumba is a dance fitness cardio exercise that is easy to follow and actually fun! Start your day off right with a workout get yourself ready to learn and enjoy the conference!

Maintaining an Observation Hive

Monday, July 28, 2025

4:00-4:55 p.m.

Plaza 6

We will discuss the basics of observation hive set up

and maintenance. Basic differences between hive styles, management tips and tricks, and ways to keep your observation hive happy and healthy.

Valuing the Price of Hive Products

Tuesday, July 29, 2025

8:30 – 9:25 a.m.

Gallery

How to price your products so you are still in line with your local market yet understanding and including your actual costs.

Is Setting up your Operation as a “Business” or a “Farm” the Way to Go?

Tuesday, July 29, 2025

4:00 – 4:55 p.m.

Gallery

We will discuss business formation and tax reporting options for your beekeeping operation. This is an important topic for all beekeepers to consider! Learn about the tax advantages which may be available to you.

Honey Ice Cream Recipes

Scheduled for Wednesday, July 30th

3:20 – 4:00 p.m.

Crystal Ballroom 1

We will share ice cream and other frozen desert tips and recipes. A delicious class for you that may open your eyes to another product for your market

Advanced Artificial Swarming Techniques

Thursday, July 31, 2025

1:00 – 1:50 p.m.

Grand Ballroom C

Take the “Artificial Swarming” management technique to the next level – beyond the basics, Erin will discuss how to use artificial swarming as the fundamental core of your beekeeping management system to create a sustainable, well rounded apiary including queen rearing and overwintered nucs.

DR. BETH FERGUSON

Dr. Ferguson is a postdoctoral researcher at the University of Rutgers with a research interest in Integrated Pest and Pollinator Management. Her focus is to improve or modify existing management strategies in agricultural crops to better integrate with pollination



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to reduce pesticide risk exposure and improve health outcomes. Currently Dr. Ferguson's work focuses on blueberry pollination where she is looking to identify the optimal timing for honey bee hive arrival and departure to potentially reduce fungicide exposure while simultaneously improving management of early season pests.

Pollinator Impact on Food Production- Blueberries and Cranberries

Wednesday, July 30, 2025

1:00-1:50 p.m.

Plaza 2

Blueberries and cranberries are highly dependent on pollination for achieving high fruit set and fruit size. However, there are several challenges that can negatively impact the success of pollinators in the crops such as changing weather patterns as well as management practices of the crops themselves. This talk will cover some of the methods that have been tested to improve our understanding of pollination and, ultimately, benefit pollinator health.

MARK FIEGL

Mark resides in Williamson, NY in the heart of New York State's apple country. He is a retired Technology / Shop Teacher and keeps himself busy with his beekeeping.

Mark began beekeeping in the early 80's before Varroa and Tracheal mites. He has had as many as 150 colonies of bees, specializing in cut comb honey production. All of his liquid honey is marketed at several local farm markets and he wholesales most of his cut comb honey to a nearby distributor.

In recent years Mark has become involved with several local bee clubs, teaching beginning beekeeping classes, hosting field days in his bee yards and giving talks throughout the region. He is currently the President of the Empire State Honey Producers Association, the NYS EAS Director, the NYS Delegate for ABF, and also serves on the EAS Honey Show Advisory Committee. Mark is also on the "NYS First Responders Team" for American Foulbrood. In 2018 Mark obtained his Master Beekeeper certificate from Cornell and has received Advanced Training in the Welsh Honey Judging Program at the University of Florida. Mark hasn't



participated in too many honey shows in recent years but instead has taken up judging local honey shows, at EAS and ABF, promoting Honey Shows whenever he can.

Varietal Honeys

Monday, July 28, 2025

9:35-10:30 a.m.

Gallery

Everyone wants to hear from their customers, "That's the best honey I have ever tasted!" Actually, the bees make the most perfect product from the nectar sources they gather. There is no way we can possibly improve it. Unfortunately, as beekeepers, packers, and distributors, we do numerous things to degrade the bees' perfect product.

This presentation will be a discussion on how we can "preserve the integrity of extracted honey". Join us to discover the best techniques to prevent the degrading of the honey we prepare for the market

Honey Tasting

Monday, July 28, 2025

11:00-10:55 a.m.

Gallery

In this presentation we will taste various varietal honey from east of the Mississippi. Some are outstanding honeys. We will discuss their different aromas, tastes, and characteristics of the honey and their plant sources.

Disclaimer: This is not a honey sensory analysis class. It is meant to be a fun adventure in tasting our varietals.

Judging Honey: Extracted, Chunk, Comb, & Creamed

Tuesday, July 29, 2025

11:00-10:55 a.m.

Plaza 2

In this presentation we will be showing participants how extracted, creamed and comb honey is judged.

We will be following the same criteria in a step-by-step process, just as it is dictated on the EAS scorecard for the honey show. There will be extensive discussion on the rules and guidelines for judging honey show products.

Judging Beeswax

Tuesday, July 29, 2025

1:30-2:25 p.m.

Plaza 2

Honey Show Judging Practice Sessions 1

Tuesday, July 29, 2025

2:35-3:25 p.m.

Plaza 2

Honey Show Judging Practice Sessions 2

Tuesday, July 29, 2025

4:00-4:55 p.m.

Plaza 2

In these sessions participants will be able to sit with the judges and practice judging entries. This is a perfect time to practice and gain experience in judging honey and beeswax products. Participants are strongly encouraged to bring in entries to be judged.

Participants will be able to go from one station to another for practice in judging each class. Each of the classes will have a judge overseeing the process, guiding and teaching the participants as they follow the EAS scorecard.

DAVE FRANK

Dave Frank operates Turtle Creek Bees, LLC, in Burlington County, New Jersey. Turtle Creek Bees maintains approximately 100 colonies of bees on local farms where they pollinate fruit and vegetable crops, and produce honey. Turtle Creek's honey is marketed at farmstands on those same local farms. Turtle Creek also farms approximately 120 acres of crops annually. The crop rotation includes buckwheat, crimson clover, sunflowers, small grains and soybeans with a focus on crops that provide bee forage and soil health benefits along with marketable cover crop seed and commodity grain. Turtle Creek cleans, bags and markets buckwheat, crimson clover and small grain seeds for cover crop planting and sunflower seeds for bird food. Dave is also a lawyer whose solo practice has been focused on land use, real estate, and land preservation matters since 1999. His clients include municipalities, farmers, landowners, and developers. Dave's practice involves representation of municipal land use boards, representation of applicants before such boards, litigating zoning and real property cases in New Jersey's courts, and appearing before county and state level bodies, in "Right to Farm" and land preservation matters.



Crop Planting for Pollinators

Thursday, July 31, 2025

3:20-4:10 p.m.

Plaza 4+5

Dave will be leading a discussion of his experiences with growing crops that can provide bee forage and soil health benefits along with marketable cover crop seed and commodity grain. His own crop rotation includes buckwheat, field peas, crimson clover, sunflowers, small grains and soybeans. They also work with several vegetable growers upon whose farms they have bees and sow cover crops to benefit their operations and his.

Topics will include: specific benefits to soils and bees of particular crops, timing of planting, bloom, termination and/or harvest, planting methods and soil preparation, co-planting and mixes, integrating cover crops for bees into vegetable production.

JIM FRASER

Jim Fraser is the owner of Maryland Honey Company, a small, local, family-owned business selling Mann Lake products along with other products of the hive. Jim is a third-generation beekeeper, who learned beekeeping from his father at a young age. Jim manages around



150 colonies of honey bees and sells packages, nucleus colonies and provides pollination services for local orchards and farms. As an EAS Master Beekeeper since 2014, Jim believes that education is key to successful beekeeping. Speaking to beekeeping classes, beekeeping clubs, civic groups, and customers at his shop allows him to share his knowledge about beekeeping. Jim is also a Certified Honey Show judge and a former President of the Maryland State Beekeepers Association.

Honey Show Judging (Introduction, What Does a Judge Do, Tools of the Honey Judge)

Session in conjunction with Karla Eisen
Tuesday, July 29, 2025
9:35 - 10:30 a.m.
Plaza 2

This session will cover a brief history and introduction to the EAS Honey Show, the importance of honey shows in increasing excellence in the craft of honey and hive products, and the many individuals that make a honey show a success. We will go over the roles and responsibilities of the Honey Show Judge, practical approaches to common issues faced in the honey show room and the tools a honey judge uses.

DR. PATRICK FRATELLONE

Dr. Fratellone's guiding philosophy is an individualized approach to total health and well-being that results from nurturing the intrinsic healing of the whole person Dr Fratellone completed his Cardiology Fellowship in 1994 and has been practicing for 31 years in New York City and Fairfield Connecticut. He finished his Integrative Medicine Fellowship in 2005, followed by his Botanical studies in 2007. He was adjunct professor at University of Bridgeport College of Naturopathica Medicine for 9 years He has been a board member of the American Apitherapy Society for 10 years and currently serves as their President



Bee Venom Therapy for Lyme Disease

Friday, August 1, 2025
1:00-1:50 p.m.
Gallery

The use of bee venom for treatment of Lyme Disease. We will discuss all treatments for line disease, including herbal and SOT.

Nourishment from Honey Bees: Propolis and Honey

Friday, August 1, 2025
3:20-4:10 pm
Gallery

The role of nourishment from honeybees is defined by use of all Apitherapy products that are used medicinally. We will discuss propolis and honey specifically.

Apitherapy Q&A

Friday, August 1, 2025
4:10-5:00 p.m.
Gallery

Join the Apitherapy Presenters for an hour of Questions and Answers.

DOUG GALLOWAY

Raised in New Jersey, followed by 25 years in Ohio, and the rest in the Carolinas, I have enjoyed a diverse career, raised two lovely daughters, and became a Beekeeper.

Beekeeping has been rewarding on multiple levels, most importantly the good friends, good health, and piece of mind it has brought. A hobby beekeeper, I am privileged to have been recognized as an EAS Master Beekeeper



and a North Carolina State Beekeeping Association (NCSBA) Master Craftsman Beekeeper. I began serving as EAS Historian in 2021.

Jacob C. Matthenius, A Life of Service

Wednesday, July 30, 2025

7:00-9:00 p.m.

Riverside Ballroom

EAS has over the years, attracted many of the finest teachers/educators who serve and support beekeepers. Jacob, Jake, Jack, is amongst them. His influence on EAS, the beekeeping community and beyond, is remarkable.

JOHN GAUT

John A. Gaut, an EAS Certified Master Beekeeper, has a decades long relationship with honey bees. He managed a dozen hives on his family's dairy farm in Pennsylvania beginning when he was 9 and all through high school.



John is a graduate of The Pennsylvania State University with an Agricultural Engineering degree and applies engineering principles to beekeeping. As a result, John is a data driven beekeeper and strives to practice precision apiculture. His beekeeping practices minimizes losses while maximizing productivity of honey, queens and bees.

He now has hives in multiple locations in northern New Jersey. Honey from his production hives is sold at a local farm store. John also raises queens from his own locally adapted stock for other beekeepers in his area.

Observations and Record Keeping

Monday, July 28, 2025

9:35-10:30 a.m.

Plaza 2

Inspecting and making observations of a honey bee colony is highly beneficial for new beekeepers. Having an Inspection Plan and Recording the observations will enable beekeepers to be more successful and enhance their understanding of bee biology and the dynamics of a colony. John will share his "Hive Inspection Checklist" and record keeping data sheets.

Collecting Wax

Wednesday, July 30, 2025

3:20-4:10 p.m.

Crystal Ballroom 1

Collecting wax as a byproduct of the hive can be a fun and profitable process for beekeepers. John will share techniques for separating the pure bees wax from comb and cappings, including solar wax melters.

DR. ADAM HICKMAN

Owner of Foxhound Bee Company, a nationally recognized beekeeping supply business established in 2014. An EAS Certified Master Beekeeper, he has led the company full-time since 2020, providing high-quality equipment and education to support the success of backyard beekeepers across the country. Previously, he spent a decade developing recipes for some of the nation's leading food brands, with published work appearing in Food & Wine, Southern Living, EatingWell, and other major publications.



Cooking With Honey

Wednesday, July 30, 2025

1:00-1:50 p.m.

Crystal Ballroom 1

Before running Foxhound Bee Company, Adam went to Culinary school at Johnson & Wales. He worked in a test kitchen for almost 10 years, writing recipes for the nation's most prominent food brands like Eating Well, Cooking Light, Food & Wine, Southern Living, and about a dozen more. Adam doesn't cook for a living anymore, but he will demonstrate a few techniques and recipes related to honey that he learned during his time developing recipes. Join Adam as he talks about cooking with honey and life in a test kitchen.

Wrangling Bees in Hollywood

Friday, August 1, 2025

3:20-5:00 p.m.

Plaza 1+2

In 2023, Adam was asked to work as a Bee Wrangler for a movie being filmed in Birmingham, Alabama. After a few meetings and about 6 weeks, Adam and his team were training Matthew McConaughey to look, act, and talk like a commercial beekeeper for the movie The Rivals of Amziyah King. This movie is a beekeeper's movie that will go down as something 100% authentic, a movie that all beekeepers will need to see. Not a CGI bee in the whole thing. The film covers Matthew McConaughey and his team throughout the movie as they move hives, extract honey, perform cutouts, and wax poetically about

drones, workers, and queens. You're invited to talk with Adam about the behind-the-scenes of making this movie, what went right, and what went wrong.

DON HOPKINS

Don Hopkins has been the State Apiarist of North Carolina since 1994 and supervises a staff of five full-time bee inspectors and a lab technician. He started with the NCDA&CS in 1989 as a bee inspector. His primary interests are honeybee health and biology. A lifelong beekeeper, Don got his first hive when he was 9 or 10. He joined EAS in the mid 1970's and attended his first meeting in Wooster, Ohio in 1978. He has been a bee "wrangler" for the live bee demonstrations at EAS since 2007. He has also presented several workshops at EAS. In 2013 Don was awarded the Roger Morse Teaching/Extension/Regulatory Award. In 1995 Don joined the Apiary Inspectors of America (AIA), later serving as AIA president in 2000 and 2010. Don has been on many volunteer projects to educate and learn from beekeepers in other countries. His trips to Bolivia and Columbia have given him experience with Africanized Honey Bees and insight as to how the beekeepers there manage these bees.



Yellow-Legged Wasps

Monday, July 28, 2025
11:00-11:55 a.m.
Grand Ballroom C

Don intends to discuss what we currently know about *Vespa velutina* and what we don't yet know about it. He will compare and contrast it to some of the other 'Hornets and wasps' that are well established here in the Eastern US. Don will incorporate the parallel life cycles of these species and what each specie's behavior appears to be unique. He hopes to generate a discussion about what affect that they all may have on honey bees and beekeepers.

DR. TAMMY HORN-POTTER

In addition to being an author of several beekeeping books, Dr. Potter is the former KY State Apiarist and current Kentucky State University Beginner Beekeeper coordinator in the Land Grant Program.



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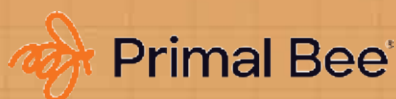
 8 Meader Rd.
Greenwich, NY 12834



Flower Power: Establishing Pollinator Habitat on Natural Gas Rights of Way

Thursday, July 31, 2025
4:10-5:00 p.m.
Plaza 4+5

For the past ten years, Potter has worked closely with NiSource Columbia Gas to establish pollinator habitat in their rights of way in six states. In addition to a powerpoint, she will bring samples of a new type of landscape fabric embedded with flower seeds and fertilizer that is being tried throughout Kentucky.



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KEVIN INGLIN

EAS Master Beekeeper Kevin Inglin is a hobbyist beekeeper from New Jersey. He and his wife Sharon started beekeeping in 2008 and sell honey through their company, Sunshine Hill Farms. They maintain around two-dozen hives and like to dabble with diverse non-Langstroth hive formats in their home apiary. Kevin is the host of the Beekeeper's Corner Podcast, a popular beekeeping podcast with over 250 episodes, since 2010. He also heads the Managed Mentoring program for getting started in beekeeping.



Basic Equipment Options and Considerations

Monday, July 28, 2025

2:35-3:30 p.m.

Plaza 6

No matter your experience level, it's valuable to assess your equipment and how it integrates into your operation. This session focuses on the implications of your choices and provides guidance, so you are content with the choices you make.

Protecting Your Hives

Monday, July 28, 2025

4:00-4:55 p.m.

Plaza 2

Safeguarding your investment comes in many forms. Hive security, equipment longevity, and physical protection are just a few considerations. This session explores strategies to integrate these protections into your management practices.

Cost Analysis of Different Kinds of Boxes

Tuesday, July 29, 2025

9:35-10:30 a.m.

Gallery

With rising beekeeping costs, understanding equipment choices is crucial. This session compares Langstroth wooden boxes to alternatives, highlighting their short- and long-term cost implications. Additionally, it also evaluates beekeeper perspectives about equipment selection tradeoffs and related sentiment and cost implications.

The Beekeeper's Corner Podcast - Live

Thursday, July 31, 2025

5:15-6:00 p.m.

Gallery, Lobby Level

Come join us live in the corner, the beekeeper's corner as we chat about beekeeping with our friends. Come join Kevin and Bob for the interests of the week, a special guest, and more.

Gadgets

Thursday, July 31, 2025

1:00-1:50 p.m.

Plaza 2+3

Kevin will discuss and display some of his favorite beekeeping gadgets from the "gadget garage".

JENNIFER KELLER

Jennifer Keller's biography can be found on page 14.

Queen Rearing Workshop

Monday, July 28 – Tuesday, July 29

8:30-5:00 p.m.

Crystal Ballroom #1 and Apiary

The queen rearing class for EAS 2025 will describe, demonstrate, and allow participants to practice all the steps involved in raising queens. It will focus on using the Doolittle method of grafting, although other methods will be discussed. The class will be broken up into 5 sessions over two consecutive days. It will start with a classroom discussion of cell builders and how to ensure success, followed by a hands-on session in the apiary making up a cell builder for later use. The class will then continue with a combination of classroom and hands on sessions on grafting. There will be frames of larvae to practice grafting, and some of these grafts will be placed into the previously set-up cell builders. Class will also cover topics of setting up mating nucs, placing cells, understanding the queen development timeline, and troubleshooting common problems.

This is intended to be an intermediate to advanced class. The number of participants will be limited to ensure everyone has an opportunity to get as much practice as possible to become comfortable with each step of the process.



Roger A. Morse Address: Recovery Efforts for Beekeepers in Western NC after Hurricane Helene

Thursday, July 31, 2025

8:45 -9:35 a.m.

Grand Ballroom C

Hundreds of colonies of honey bees were lost in Western NC due to historic flooding during Hurricane Helene. Beekeepers across the state rallied and worked most of the winter on a plan to replenish those lost colonies.

Checking Queen Grafts

Friday, August 1

1:00 – 1:50 p.m.

Apiary

SANDRA KOBERLEIN

Sandra Koberlein is an encaustic artist, a retired secondary school art teacher and a beekeeper too! She maintains a studio in Pennsville, NJ where she creates her own work and conducts workshops as well.

Sandra exhibits her work in competitive galleries, art centers, medical facilities and universities both locally and nationally. Her work has won numerous awards and is held in many private collections.

Encaustic Art

Friday, August 1, 2025

Session I: 1:00-2:50 p.m.

Session II: 3:20-5:00 p.m.

Plaza 6

Create a collage using beeswax and mixed media!

Beeswax is a wonderful medium to use in art - its history dates back to 200 BCE! Learn how beeswax can be used as a medium for adhering papers and objects to a variety of surfaces.



DR. PETRUSIA KOTLAR

Chiropractor, VP of American Apitherapy Society, Commissions on Education and Medicinal Beekeeping on International Federation of Apitherapy Commissions and past US representative to the Scientific Commission on Apitherapy at Apimondia.

Dr. Petrusia Kotlar is a chiropractic alternative health care provider practicing for four decades and part time



farmer/beekeeper/research practitioner since 2004 on her New Jersey based Linden Hill Farm and Apiary since 2006. The Towaco Honeybee Sanctuary was established here where she grows medicinal herbs, linden trees and strives to produce high quality apitherapy products.

She believes that apitherapy is a healing modality that is due to become integrated into the preventative health and wellness care system in our lifetime. She is actively pursuing this accomplishment.

Dr. Kotlar has been a member the American Apitherapy Society for many years and an active beekeeper. She was elected Vice President of the organization in 2022. She was instrumental in organizing the Charles Mraz Apitherapy Course and Conference May 2023 in Parsippany, New Jersey.

Dr. Kotlar continues as a research practitioner with Penn State University at her Towaco Honeybee Sanctuary and Apiary. She believes a healthier honeybee will provide the best possible products for apitherapy. Previous work includes multiple proposals for protocols on the planting of superb bee forage.

***Chiropractic and Apitherapy – An Introduction
Connecting the Nervous System with Potential
Complimentary Outcomes***

Thursday, July 31, 2025

3:20-4:10 p.m.

Gallery

This presentation explores the correlation between chiropractic philosophy and the effects of bee venom therapy, a branch of apitherapy, on autonomic and sympathetic nervous system responses when administered at corresponding paraspinal points on the human body. Chiropractic care is rooted in the belief that spinal misalignments can adversely affect the nervous system, potentially leading to a variety of health issues. Bee venom therapy, which utilizes the pharmacological properties of bee venom, has garnered attention for its anti-inflammatory and analgesic effects, particularly in the treatment of musculoskeletal conditions.

Ukrainian Pysanky Workshop

Friday, August 1, 2025

3:20-5:00 p.m.

Plaza 6

Learn the art of Pysanky, popularly known as Ukrainian Easter Eggs. Using beeswax and dye, you will create your own egg as you learn about the history and symbols of egg decorating. 2 eggs,

instructions, tools, wax and dye will be provided and you will be able to take home one beautiful Pysanka.

Beeswax is the only type of wax to use when making Pysanky—Ukrainian Easter Eggs—or other batik style eggs because it's the only kind of wax that sticks to the egg shell. Beeswax has a high melting point that melts cleanly in the kistka without any smoke. This also aids in writing consistent smooth lines.

MIKE MADONIA

Mike Madonia graduated from Rutgers University in 2003 with a degree in Natural Resource Mgmt and earned his Master's Degree in Biology at East Stroudsburg University in 2011. He has been working for NJ Fish & Wildlife since 1998 and is currently a Principal Biologist and the Black Bear Project Leader with the Wildlife Services Section.



***Black Bears in New Jersey/Research, Management
and Damage Preventative Techniques***

Co-lecture with Meghan McConnell

Friday, August 1, 2025

3:20-4:10 p.m.

Grand Ballroom C

The presentation will cover various topics such as bear distribution, behavior, rating & response criteria, management and tips on reducing negative conflict. This knowledge will hopefully provide a better understanding of black bears so negative interactions will be minimized while providing residents the opportunity to appreciate and coexist with black bears residing in New Jersey.

MEGHAN MCCONNELL

***What to Expect When Being
Inspected***

Tuesday, July 29, 2025

1:30 - 2:25 p.m.

Apiary



***Black Bears in New Jersey/Research, Management
and Damage Preventative Techniques***

Co-Lecture with Mike Madonia

Friday, August 1, 2025

3:20-4:10 p.m.

Grand Ballroom C

The presentation will cover various topics such as bear distribution, behavior, rating & response

criteria, management and tips on reducing negative conflict. This knowledge will hopefully provide a better understanding of black bears so negative interactions will be minimized while providing residents the opportunity to appreciate and coexist with black bears residing in New Jersey.

RICHARD MORRIS

Rich is an engineer, a product designer, and an avid beekeeper. After keeping bees for 8 years, he became increasingly curious to know what was going on in his hives when he wasn't there. BroodMinder was born out of that curiosity. Partnering with a team of like-minded professionals, Rich has used his extensive design experience to create beekeeper-friendly wireless beehive monitors in a quest to better understand and sustain our precious bees. BroodMinder is an effort to collect global hive data from over 35,000 sensors into a public domain database, to be shared with bee lovers everywhere.



Hive Monitoring Workshop

Friday, August 1, 2025
3:20-5:00 p.m.
Plaza 6

Join our panel of five backyard and sideline beekeepers to talk about how hive monitoring influences their apiary management. We will be reviewing our data along with adlib analysis of live data from audience participants.

LOU NAYLOR

Currently EAS Chairman of the Board of Directors. Past NJ Director, Registrar and Membership Chair. Founding President of the Mid-State branch of the New Jersey Beekeepers Association. Current Mid-State Vice President.



Lou has been actively involved in planting pollinator habitat on public and private land. Lou manages around 75 hives, and one day a week in the warmer months does honeybee removals from structures. During the colder months she makes candles.

Owner- Operator of Moorestown HoneyWorks selling honey and candles. Lou is involved in many outreach activities in schools, churches, state wide and community events. This all started with a big honey habit and a love

for bees..

Modern Wax Cleaning and Tips for Candle Making

Wednesday, July 30, 2025
4:10-5:00 p.m.
Crystal Ballroom 3

Start using modern methods to get your wax really clean. Your candles will burn longer and look better. We also have tips to make your molded candles turn out the way you envisioned them. Participants will be given a shopping list.

DR. JAMES NIEH

Dr. James Nieh's biography can be found on page 14.



Honey Bee Health: Hope for the Future

Thursday, July 31, 2025
8:45-9:35 a.m.
Grand Ballroom C

Honey bees are essential for pollinating many of our crops and sustaining healthy ecosystems, but they currently face major challenges from diseases

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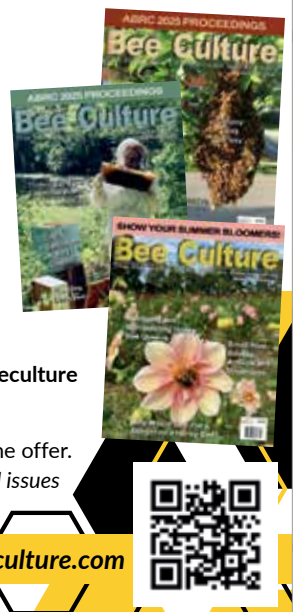
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and pesticides. In this engaging talk, Professor James Nieh from UC San Diego will share important discoveries about honey bee health, beginning with a disease caused by *Nosema ceranae*. He will explain how studying bees that naturally resist this pathogen might help us find ways to protect bees using their beneficial microbes and immune systems. Professor Nieh will also discuss how pesticides negatively impact important bee behaviors like their unique “waggle dance” communication. Finally, he will highlight hopeful strategies for improving bee health, such as providing bees with diets balanced in beneficial omega-3 and omega-6 fatty acids, which help enhance their learning and memory, making colonies stronger and more resilient. Join us to learn how science is finding practical ways to protect bees and ensure their future.

Hornets and Heroes: The Amazing World of Defensive Honey Bee Communication

Thursday, July 31, 2025

1:00-1:50 p.m.

Plaza 5+6

Honey bees face formidable natural predators such as hornets, which have also invaded and harmed bees around the world. In this talk, Professor James Nieh from UC San Diego will explore how honey bees use remarkable communication strategies to defend their colonies. Learn about heat balling, a coordinated behavior in which bees surround and “cook” an intruding hornet. Discover how bees can detect the hornet’s sting alarm pheromone and use chemical eavesdropping to prepare their defenses. Professor Nieh will also explain the “stop signal,” which bees use to warn nestmates of danger, and the “I See You” signal, a unique form of communication that tells hornets the colony is strong and prepared to defend itself. This talk offers an inside look at the complex and highly organized ways bees protect their homes from powerful predators.

Bees Need Teachers to Learn how to Waggle Dance

Friday, August 1, 2025

2:00-2:50 p.m.

Plaza 1+2

Honey bees are famous for their waggle dance, a unique behavior used to communicate the location of food to their nestmates. But how do bees learn to perform this complex dance? In this talk, Professor James Nieh from UC San Diego will share

surprising new research showing that bees are not born knowing how to dance—they need teachers. Young bees improve their waggle dances by observing and interacting with more experienced dancers, a process remarkably similar to social learning in humans. Professor Nieh will explain how this discovery reshapes our understanding of bee intelligence and behavior, and what it tells us about the importance of experience and learning in insect societies. Join us to learn how teaching and culture are not limited to humans but are also alive and well in the world of honey bees.

DR. DAVID PECK

Dr. Peck is the Director of Research and Education at Betterbee in Greenwich, NY, where he assists in product development and research, and teaches classes and develops scientifically-sound educational materials. His doctoral work in Cornell University’s Department of Neurobiology and Behavior was supervised by Professor Tom Seeley. His dissertation research focused on the transmission of mites between bee colonies, as well as the mite-resistance traits of the untreated honey bees living in Cornell’s Arnot Forest. After earning his degree, he has continued to research varroa/bee interactions, including fieldwork in Newfoundland, Canada (where varroa still have not arrived) and Anosy Madagascar (where varroa arrived only in 2010 or 2011). He has served as a teaching postdoctoral fellow in Cornell’s Department of Entomology, and is still affiliated with Cornell through the Honey Bee Health program in the College of Veterinary Medicine. Dr. Peck has kept bees for more than a decade, though his home apiary is often full of mite-riddled research colonies, so he doesn’t usually produce much honey.



Go With the Flow: Nectar Flows, Bloom Dates, and How They Help You

Monday, July 28, 2025

1:30-2:25 p.m.

Gallery

“Honey flows” (or “nectar flows”) (or even “pollen flows”) are frequent topics of conversation among beekeepers, but why do they happen? Explore what it’s like for our bees, living in a constantly changing landscape of booms and busts in food availability. This talk explores some basic principles of managing bees through flows.

Locally Adapted Queens: Marketing Myth or Cornerstone of Bee Stock Improvement?

Tuesday, July 29, 2025

2:35-3:25 p.m.

Gallery

What do we really know about locally adapted queens, and how important they are (or aren't) for our beekeeping? With so many bee lineages being shipped to different climates and latitudes, how important is it to have bees from your own area? Is it better to keep a local lineage with "poor traits", or to import foreign bees with "better traits"? In this talk we will attempt to answer some of these questions, and may not come up with satisfying answers to any of them. We will explore how evolutionary biologists talk about adaptation, discuss the complexities of the honey bee mating system, and reflect on the value of continued selection on producing bees with our favorite traits.

Death to Knotweed, Clover and Tallow (And Honey Bees) How Should We Feel About Working with "Invasive Species"

Friday, August 1, 2025

2:00-2:50 p.m.

Grand Ballroom C

What exactly is an "invasive species"? And why do invasive plants tend to produce such ample food for our bees? Should beekeepers be fighting invasive plants in the landscape, or trying to protect them? How should we respond when someone accuses our beloved honey bees of being an "invasive species" here in North America? In this lecture, we'll grapple with some ethically and ecologically complicated topics, and learn to see both sides of some complex issues.

FREDDY PRONI

Dr. Frederick (Freddy) Proni is the Global Director of Sales and Marketing at NOD Apiary Products, the maker of FormicPro™, and also serves as the EU Regional Manager for NOD Apiary Ireland, overseeing engagements in Europe and the Middle East. Based in Germany, he is an EAS Certified Master Beekeeper, a COLOSS member, and has over 35 years of experience in apiculture. Holding a doctoral degree in business, Proni has an extensive background as



a business consultant, an owner of multiple beekeeping businesses, and a managing partner in various enterprises. Previously, he was the North America and Japan Manager for Veto-pharma, the maker of Apivar™, and served as First and Second Vice President of the North Carolina State Beekeepers Association (NCSBA). Combining his expertise in beekeeping and business, he lectures on the economics of apiculture and collaborates with various agricultural and honey bee organizations. His work has taken him to some of the most remote and fascinating beekeeping regions in the world, where he has had the unique opportunity to visit places that only beekeepers typically experience. He has been a working group member of the Honey Bee Health Coalition, a Farm Bureau board member, and has served on many voluntary boards and organizations. Currently, Freddy is expanding his efforts into Asia, focusing on collaborations related to the Tropilaelaps mite.

Mites – Varroa and Tracheal - Testing and treatment options

Monday, July 28, 2025

8:30-9:25 a.m.

Grand Ballroom C

This talk will focus on varroa mites as the most significant parasitic threat to honey bee health, with a brief overview of tracheal mites as a secondary concern. Practical testing methods for early detection will be discussed, along with a review of current treatment options. Special attention will be given to the growing issue of treatment resistance and how beekeepers can manage it effectively. Additionally, international treatment strategies will be shared to provide a broader perspective and contrast them with registered products available in the USA.

Carbohydrate and Protein Substitutes

Monday, July 28, 2025

2:35 - 3:30 p.m.

Grand Ballroom C

This talk explores carbohydrate and protein substitutes used in honey bee nutrition, especially during times of forage scarcity. Key considerations for choosing and feeding supplements will be discussed, including timing, formulation, and colony needs. Emphasis will be placed on how these substitutes support colony health and productivity. Practical examples and international approaches will offer insight into what works in different beekeeping systems.



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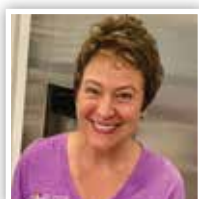


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LANDI SIMONE

Landi Simone is a small-scale commercial beekeeper in northern New Jersey, owner of Gooserock Farm LLC. She manages about 100 colonies, raises queens and nucs, and produces varietal honeys, artisan honey spreads, beeswax cosmetics and handmade beeswax soaps. Landi has kept bees since 1997 and was certified as an EAS Master Beekeeper in 2004. She served as Chair of the Master Beekeeper Certification Committee for EAS for ten years. She is committed to beekeeping education and has taught a local short course in beekeeping for over twenty years, as well as being a frequent presenter at both EAS and multiple other venues. Landi's practical approach to beekeeping stems in part from her background; she is a retired consulting civil engineer with degrees from Columbia University and Rutgers. She finds her second career in apiculture every bit as challenging as engineering and a lot more fun.



Creamed Honey and Honey Spreads

Monday, July 28, 2025

1:30 - 2:25 p.m.

Gallery

Boost your honey sales and learn to make delicious, smooth and creamy artisan honey spreads either plain or with fruit or spices.

Feeding Bees: Which Method Works Best When

Monday July 29, 2025

4:00 - 4:55 p.m.

Grand Ballroom C

Are you starting a nuc or package, stimulating queens to lay for splits, or adding weight for winter? Feeding during a flow or during dearth? Why and when you feed determines how you feed. Explore the different ways you can get your bees fat and sassy.

Bear Fencing

Friday, August 1, 2025

4:10 – 5:00 p.m.

Grand Ballroom C

The follow-up talk to Black Bears in New Jersey/ Research, Management and Damage Preventative Techniques. Landi Simone has been building electric bear fences since a black bear took out her first hive in 1997. More than a dozen fences later, Landi has learned what works and what doesn't and will share that experience with you.

ROBERT SIMONOFSKY

Robert was hit with Bee (Keeping) fever in 1979. Doesn't seem like that long ago for you guys and gals his age; you do the math. Here's how it all started. He was walking in a park in Queens, NY, with a girl he was wild about. He saw two men moving hives with veils on. One of the men said, "Hi Robert". He was the principal of Jamaica High School where Robert was teaching Industrial Arts Education. He invited Robert to attend his short course. After that short course Robert never looked back. He started honeybee removals in a way to increase his number of hives and make some money to pay his college loan off. Jake Mathenuis a past well respected NJ Bee Inspector helped get his name out, too. Before Robert knew it, he was doing about 4 removals a week. Later in his honeybee removal career he teamed up with Peter Ptak, Peter MacIntosh and Shane Woodruff. They all play well together and shared our knowledge on jobs they did. Robert loves doing removals even though later in the season the jobs seem as though they will never end because of all the honey in cavity. Bee removal has changed his life!



Bee Cut-Outs

Thursday, July 31, 2025

2:00-2:50 p.m.

Grand Ballroom C

Robert has made a lot of great friends and mostly nice clients. Now he knows you want to know what happened to that girl he was with when he was hit with bee fever. Come to his lecture and he will tell you.

RUSSEL SPRANGEL

Russell Sprangel started keeping bees in 2017 with a hive setup and a new beekeeper's course as a Christmas present, from his wife Lisa, which she totally regrets to this day. He is the past VP and President of CCBA and past Vice President of HCBA. He is an EAS Master Beekeeper certificated in Ithaca, NY in 2022. He teaches during the beekeeping calendar in the clubs training Apiary, all any aspects of beekeeping students ask for. Early in his second year of beekeeping he decided that queen rearing could not be the black magic everyone said, and you do not need 10 years of experience to do it. So, with a little book learning, and no formal instruction, he jumped in to find what the fuss was about. Turns out it is magical, but in a good way, and can be one of the most rewarding aspects of beekeeping even on the small hobby scale.



Gadget Display

Thursday, July 31, 2025

3:20-5:00 p.m.

Plaza 2+3

Do you think you know beekeeping equipment? Have you seen a queen Chasity belt? Stop in and see how many pieces of equipment you not only know the name, but also the functional use. Items you can buy or gadgets you make yourself, and can't live without?

DR. VETALEY STASHENKO

Dr. Vetaley Stashenko is a distinguished professor of Human Anatomy and Microbiology in the Biology Department at Palm Beach College, Florida. His academic and professional journey spans decades, beginning with his lifelong dedication to beekeeping in 1965. Since 1979, he has taught a wide array of subjects, shaping the minds of students across multiple disciplines and on three continents.

A co-founder of Ukraine's National University of Life and Environmental Sciences' Beekeeping Department—the only program of its kind globally—Dr. Vetaley Stashenko served as an Associate Professor for over 15 years, where he specialized in biochemical aspects of apicultural studies at the graduate level.

His research has encompassed diverse areas, including



the biology and management of overwintering bee colonies, biological and technological aspects of bee venom production, pollen collection methods, queen production and breeding, and the ecological dynamics of varroa mites within honeybee nests. For the last more than 20 years, he has contributed to the development of digital curriculum frameworks and technological support systems for undergraduate studies in Human Anatomy, Physiology, and medical Microbiology.

Currently, Dr. Stashenko is investigating the effects of raw honey on human digestive health and skin cytology. His academic credentials include a Ph.D. and MS degrees from NULES of Ukraine, an ND from NUHS in Chicago, and an RN from NMU of Ukraine.

Pollen and Its Benefits

Thursday, July 31, 2025

2:00-2:50 p.m.

Gallery

For a beekeeper, collecting bee pollen is an exciting and highly educational activity, and it is a highly nutritious food source rich in proteins, vitamins, and minerals, which can benefit both humans and bee colonies. Harvesting pollen also helps monitor the hive's health, allowing beekeepers to assess the quality of foraging resources and ensure their bees have access to diverse floral nutrition. Additionally, bee pollen is widely used in natural supplements and skincare products, allowing beekeepers to support sustainable apiculture while contributing to wellness industries.

Benefits of Propolis for Apitherapy

Thursday, July 31, 2025

4:10 - 5:00 p.m.

Gallery

For a beekeeper, collecting propolis is valuable because it is a natural antimicrobial, antiviral, antifungal, and anti-inflammatory substance that helps protect the hive/humans from infections, ensuring the health and stability of these organisms. Propolis is widely used in integrative and herbal medicine and skincare due to its antibacterial and healing properties, allowing beekeepers to produce natural remedies and expand the sustainability of apiaries. Additionally, harvesting propolis will enable beekeepers to observe the hive's overall condition, as bees use it to create robust antimicrobial barriers and regulate the internal environment, which can indicate the colony's well-being.

How to Collect Bee Venom

Friday, August 1, 2025

2:00-2:50 p.m.

Gallery

For a beekeeper, collecting bee venom can be a fascinating way to explore the hidden benefits of their hive while contributing to natural health remedies. Bee venom is used in alternative medicine for its potential anti-inflammatory and therapeutic properties, offering a unique avenue for beekeepers to engage with wellness communities. Additionally, controlled venom collection allows beekeepers to study their colonies more closely, ensuring the health and sustainability of their bees while deepening their understanding of apiculture.

ELAINE STORM

As a former part-time school teacher, I have a passion for learning and for teaching. I've been studying and teaching Apitherapy for almost 3 years now.



My husband and I have been working bees for about 17 years. Although my husband is the main beekeeper, I do help work the hives, have attended beekeeping courses and have hands-on experience. Three years ago, I attended the Eastern Apicultural Society's (EAS) Bee Conference, where I began my Apitherapy journey. Since then, I have attended more Apitherapy conferences and have become passionate about how all the products from the hive can benefit us in health and healing ways. I'm happy to say that after attending the American Apitherapy Society's (AAS) 2024 meeting in Chicago, I have begun the Charles Mraz Apitherapy Course to become certified in Apitherapy and am excited for where this journey will take me! From pollen, honey, and propolis to royal jelly and drone brood homogenate – the bees can help keep not only their own hives healthy but share their products with us so we might also gain health benefits.

From making tinctures, to bee sting therapy, to collecting recipes for healing, I'm passionate about it all! My goal is to learn enough about Apitherapy to help relieve pain that people may be suffering from and to do that in an easy, natural way.

As a beekeeping community, we can maintain multiple medicine cabinets/bee hives in our own backyards!

I am happy to have become a board member with the

American Apitherapy Society! What a fabulous group of people with the passion to help people heal with all the products from the hives!

Lip Balms, Lotions and Potions

Monday, July 28, 2025

1:30-2:25 p.m.

Gallery

In this session you will learn how to use some products from your hives to create an assortment of products. There will be some easy step-by-step recipes to get you started. Whether you are making lip balms, lotions and/or potions for yourself, friends and family as gifts or to sell for a profit, you will gain some insight on how to get started.

Apitherapy 101 for Beginners

Thursday, July 31, 2025

1:00-1:50 p.m.

Gallery

If you are passionate about how all the products from the hive can benefit us in health and healing ways, this is the session for you. From pollen, honey, and propolis to royal jelly and drone brood homogenate – the bees can help keep not only their own hives healthy but share their products with us so we might also gain health benefits. Learn how to help relieve some pain that you and/or people you know may be suffering. Included are some testimonials from beekeepers and others, that have used some of the hive products in many ways; from cancer, to Lyme disease, Alopecia, Autoimmune diseases and joint pain relief.

As a beekeeper, you are able to maintain a medicine cabinet in your own backyard!

DR. DOUGLAS TALLAMAY

Doug Tallamy's biography can be found on page 12.

Nature's Best Hope

Wednesday, July 30, 2025

10:30-11:20 a.m.

Grand Ballroom C

Recent headlines about global insect declines and three billion fewer birds in North America are a bleak reality check about how ineffective our current landscape designs have been at sustaining the plants and animals that sustain us. Such losses are not an option if we wish to continue our current standard of living on Planet Earth. The good news is that none of this



is inevitable. Choosing the right plants for our landscapes will not only address the biodiversity crisis but help fight our climate crisis as well. Tallamy will discuss simple steps that each of us can- and must- take to reverse declining biodiversity, why we must change our adversarial relationship with nature to a collaborative one, and why we, ourselves, are nature's best hope.

DR. ROGAN TOKACH

Rogan Tokach is a PhD student at Auburn University under Dr. Geoff Williams. His research focuses on developing sustainable parasitic mite management strategies for beekeepers. In Auburn, his work involves working on finding alternative treatment options for amitraz resistant Varroa mites, but he has also had the opportunity to travel to Thailand to conduct research dedicated on filling knowledge gaps concerning *Tropilaelaps* mite monitoring, detection, dispersal, and management. Rogan completed his MS degree at the University of Nebraska-Lincoln under Dr. Autumn Smart and Dr. Judy Wu-Smart where he studied the impacts a pesticide contaminated environment had on honeybee colony functions. Upon graduation, Rogan plans to take an applied honeybee assistant professor position at North Dakota State University.



The infamous Tropilaelaps Mite

Tuesday, July 29, 2025

1:30-2:25 p.m.

Grand Ballroom C

Wednesday, July 30, 2025

2:00-2:50 p.m.

Grand Ballroom C

Tropilaelaps mercedesae is a parasitic mite causing increased concern as it continues its global expansion being confirmed in new geographic areas. This talk covers the basics on the *Tropilaelaps* biology and life cycle, how it causes harm to honey bee colonies, and addresses current monitoring efforts being undertaken in the US. The talk finishes up describing the different management practices that can be utilized to assist in control of this parasitic mite threat.

Tropilaelaps Workshop

Tuesday, July 29, 2025

2:35-3:25 p.m.

Gallery

Wednesday, July 30, 2025

3:20-4:10 p.m.

Gallery

Thursday, July 31, 2025

4:10-5:00 p.m.

Gallery

Participants will have the opportunity to partake in real-life scenarios working with actual *Tropilaelaps* mite samples. Participants will get to work in a hands-on setting demonstrating the difficulty of monitoring for *Tropilaelaps* using alcohol washes and powdered sugar shakes. Additionally, participants will have the opportunity to look at real *Tropilaelaps* specimens under microscopes and try their hand at identifying mites on sticky boards. It is recommended but not required that participants attend one of the *Tropilaelaps* lectures prior to this workshop.

Tropilaelaps Panel Discussions:

Tuesday, July 29, 2025

4:00 – 4:55 p.m.

Grand Ballroom C

Wednesday, July 30, 2025

3:20 – 4:10 p.m.

Gallery

ANGELO AND ANNA TRAPPANI

Angelo is past Vice President of the New Jersey Bee Association and Central Jersey past Editor of the newsletter. Along with his wife, Anna, they have worked as a team and have won many state and national competitions both in honey and beeswax.



Molds to make showstopping bees wax candles.

Wednesday, July 30, 2025

2:00-2:50 p.m.

Crystal Ballroom C

Angelo will say a little on how to get good wax to get show quality candles, cleaning wax and how to filter out impurities, discuss what size wicks and how they burn, talk about types of candles (rolled, dipped and molded), and molds (bought and homemade). He will bring samples of molds, and material for making molds. I will also have some handouts on beeswax facts..

EDWARD D. WENGRYN, NJ SECRETARY OF AGRICULTURE

Secretary Wengryn was appointed by the State Board of Agriculture and confirmed by Governor Phil Murphy on March 22, 2024, becoming the eighth Secretary of Agriculture in New Jersey since the Department was established in 1916.



Since 1998, Secretary Wengryn had served with the New Jersey Farm Bureau, where he worked closely with farming communities. His field work included the direct marketing of farm products as well as oversight on issues such as sales taxes. His work at the Farm Bureau spanned ornamental horticulture, land use, forestry, equine and other livestock issues. Since 2009, Secretary Wengryn had represented the private agriculture sector on the New Jersey Industry Advisory Council at the State Office of Homeland Security and Preparedness, ensuring concerns of the agricultural community were considered in State emergency response plans. This work was critical for keeping agricultural businesses open and running during the COVID-19 public health emergency.

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Secretary Wengryn was recognized for his service to the Equine Industry by receiving the NJ Horse Person of the Year award in 2021 and currently serves as Co-Chair of the Rutgers University Board for Equine Advancement (RUBEA).

He grew up in the Neshanic Station section of Branchburg Township, and his interest in agriculture and horticulture began when he was helping on the Wengryn Family farm, a dairy and field crop operation in Hillsborough, N.J. As a youth, he worked with his father, Myron, growing and selling pumpkins and pick-your-own strawberries, as well as growing and selling tomatoes to area delis in the summer.

Secretary Wengryn is a 1986 graduate of Delaware Valley College of Science and Agriculture in Doylestown, Pa., with a Bachelor of Science in Ornamental Horticulture. He is a resident of Trenton, N.J., residing in the Mill Hill Historic District.

Welcome

Wednesday, July 30, 2025

8:45-9:00 a.m.

Grand Ballroom C

BOB WELLEMAYER

Bob is an EAS Life Member, EAS President 199. He is an instructor for short courses and workshops, giving various beekeeping field and lecture presentations on bee diseases, floral sources, small scale pollination and working with beeswax. Bob also has a long history judging honey shows and has served as a honey show judge for many EAS conferences as well as for VA, MD, NJ and NC honey shows and more. He currently serves on the Eastern Apicultural Society (EAS) Honey Show Advisory Committee.



Bob is most recently retired from the Virginia Department of Agriculture after serving almost 42 years as the Apiary Inspector in the Northern Region, and as Virginia State Apiarist from 1990-95. He is currently co-owner with his son of Windsong Apiaries established in 1985 providing pollination in the Mid-Atlantic states for apples, and vine crops, honey production, small scale queen and nucleus colony production.

Honey Show Judging Practice I and II

Double session in conjunction with Karla Eisen and Mark Fiegl.

Tuesday, July 29, 2025

2:35-4:55 p.m.

Plaza 2

In these sessions participants will be able to sit with the judges and practice judging entries. This is a perfect time to practice and gain experience in judging honey and beeswax products. Participants are strongly encouraged to bring in entries to be judged.

Participants will be able to go from one station to another for practice in judging each class. Each of the classes will have a judge overseeing the process, guiding and teaching the participants as they follow the EAS scorecard.

JAY WHEELER

Jay Wheeler is the owner and master distiller at Mission Spirits Distillery in South New Jersey. Jay is an entrepreneur and craftsman focused on serving the very best in craft spirits and cocktails in a variety of form factors and formats that surprise and delight drinkers.



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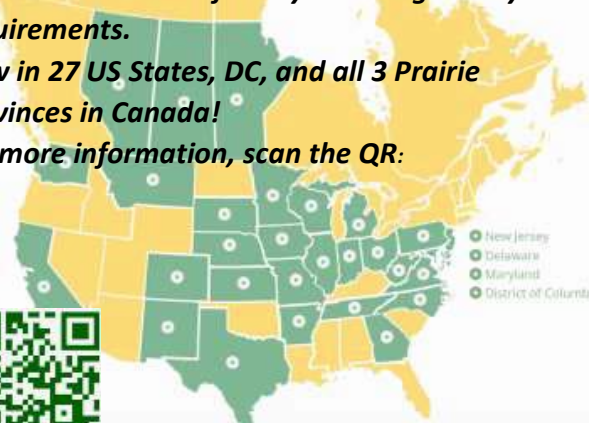
Apiary Registry by FieldWatch

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served from the tasting room and in canned cocktails at retail. Prior to Mission, Jay studied at the Wharton School at the University of Pennsylvania and subsequently worked in advertising and media in New York City with a special focus on the alcohol and hospitality industry.

As the founder of Mission Spirits, Jay has a special real world knowledge of how to find and develop unique flavors and adapt their form factors in create unparalleled experiences.

From Hive to Highball, Honey's New Role in Craft Spirits & Cocktails

Wednesday, July 30, 2025

2:00 - 2:50 p.m.

Crystal Ballroom 1

KENT WILLIAMS

Kent Williams has been keeping bees 30+ years; have kept 400+ colonies for the past 20 years; currently have around 800 colonies, divided between honey production, pollination and queen production. Produce and sell at wholesale nucs, packages, queens and honey, as well as pollinating almonds and melons. Have operated a free "hands on" three day beekeeper school at our home/farm in West KY each spring for the past 27 years, as well as holding one day classes on request. Eas master beekeeper.



Apiary Considerations

Monday, July 28, 2025

8:30-9:25 a.m.

Plaza 2

A discussion on the factors that constitute an ideal apiary site; prioritizing good, better and best vs. bad, worse and worst in real world scenarios.

Apiary Sustainability – Getting Out of Packages/ Nucs and Queens

Tuesday, July 29, 2025

1:30-2:25 p.m.

Gallery

Ways to become more self-sufficient as a beekeeper; steps to take to reduce the need to purchase bees to recover losses or increase numbers.

BRIDGETT J. WILSON

Bridgett Wilson is a YogaAllianceRYT-200 yoga teacher from Virginia who was trained in the Ashtanga yoga lineage that traces from Pattabhi Jois and David Williams to Jonny Kest and his Life Power yoga teacher training. She specializes in Gentle, Hatha and Vinyasa classes in her teachings and personal practice.



Gentle Yoga

Monday - Thursday, July 28-31, 2025

5:15-6:00 p.m.

Plaza 1

In her class, you may expect a gentle flow with progressive sequencing that starts slowly and builds in intensity. Suitable for all levels.

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DR. JAMES WILSON

James is the Collegiate Assistant Professor, Extension Apiculturist at Virginia Tech in Blacksburg Virginia. James enjoys taking beekeeping Extension on the road throughout Virginia, and teaching Virginia Tech's undergraduate Bees and Beekeeping class and lab, as well as teaching Insects and Human Society courses. After first serving as a teaching assistant for the bees and beekeeping lab in 2010, James has not been able to hide his passion for bees and teaching. Since first teaching the course as a PhD student in 2016 and taking over as faculty in 2017, James has been



able to take this hands-on beekeeping lab and triple the offerings for students of all backgrounds to come and get into beehives firsthand. James maintains Virginia Tech's research and teaching apiaries and is looking forward to continuing applied and relevant Extension programming in Virginia and surrounding states. James completed his PhD at Virginia Tech in 2016 working with bees, pumpkin pests, and their associated parasitoid wasps, as well as novel insecticide risk qualification in bees. Through his continued work in Integrated Pest Management, James leverages an agricultural perspective with a great passion for beekeeping into all his work to protect pollinators and further beekeeping in Virginia. With this full circle approach to improving pollinator protection and pest management

in Virginia pumpkin production, James looks forward to keeping bees safe and working in agriculture systems into the future. Lastly, James is working to reach young bee enthusiasts to help welcome new beekeepers to our greater beekeeping community.

Early Signs of Trouble in a Hive and What to Do About It

Tuesday, July 29, 2025
11:00-11:55 a.m.
Plaza 6

From brand new frames to overwinter dead outs, there are signs of trouble in the hive when we take a closer look. Join Virginia's Extension Apiculturist, James Wilson, on a visuals heavy walk through of in hive challenges and recipes for better success with your bees

What is a Queen Line Anyway?

Tuesday, July 29, 2025
1:30 – 2:25 p.m.

Queens are the single most important bees in our hives and we get to choose them. Dr. James Wilson, (Virginia Tech) will lead a breakdown of North American records of *Apis mellifera* subspecies introductions and the modern-day queen lines, breeding programs, and hygienic traits advertised, as well as those covered in peer reviewed articles. Ultimately, this presentation will help beekeepers to make better informed decisions when looking to queen stock as a potential cultural control method in the integrated pest management of *Varroa destructor* and help people to have some clarity when selecting queen lines in the future.

DR. JON ZOWISLAK

Dr. Jon Zawislak is an assistant professor of apiculture and urban entomology for the University of Arkansas System Division of Agriculture. He has worked and played with honey bees since 1998, and is equally at home in the bee yard, the laboratory or the classroom. He presents lectures, workshops and short courses for new and experienced beekeepers throughout Arkansas and beyond. He emphasizes biology and behavior of honey bees as cornerstones of keeping them productive and healthy. He also spreads the word about the importance of pollinators to the non-beekeeping public. Jon has a background in botany and entomology, and



became an EAS Master Beekeeper in 2009. He and his family own Walnut Valley Honey Farm in Fayetteville, Arkansas.

Sourcing More Bees

July 28, 2025
11:00-11:55 a.m.
Plaza 6

All sensible people want more honey bees, and there are multiple ways to get them. Learn about the pros and cons of various ways to grow your apiary, such as package bees, nucs, making splits, capturing swarms, and more.

Managing Small Hive Beetles

July 28, 2025
9:35-10:30 a.m.
Grand Ballroom C

Small hive beetles have been established in the southern US for decades, but their range has been creeping north. Learn about their biology and tips on their management.

SPECIAL EVENTS AND CONFERENCE FEATURES

Monday, July 28



DINE AROUND TOWN

Enjoy a dinner with fellow beekeepers! Make sure you sign up for the restaurant where you would like to have dinner on Monday night. Sheets with suggested restaurants are at the Registration Desk, Lobby Level. If you want or are willing to drive, please indicate on the sheet. Drivers and participants will meet in front of the DoubleTree by the hotel entrance.

Tuesday, July 29



DINNER AND TOUR OF BATTLESHIP NJ.

Pre-registration was required for this event. Due to concurrent events in the destination area, no private cars are to be taken. No high heels on the battleship due to the danger of the grating on the ship surface. Buses have been arranged and will pick folks up at 5:15 p.m. in front of the DoubleTree by the hotel entrance. Please be prompt. We will leave the Battleship at 8:30 p.m. If you find you are unable to go, you may post your "reservation" on the Updates Board at the Registration Area – notify registration if you are unable to attend or someone else is attending in your place. This is important to assure we can account for folks on the buses.

Wednesday, July 30



EAS BEE OLYMPICS

Join the fun for this friendly competitive way for teams of beekeepers to work their way through a series of special challenging events. Sign-up for teams (choose your own team name!) at the registration desk from Sunday through Tuesday. Teams may represent club members, states, or newly formed groups. Ribbons are given to all participants and "medals" to the first, second and third place winning teams. If you are not planning to participate this year, please come and cheer on the various teams! The Olympics will be held on the Veranda.



GROUP PICTURE

On Wednesday, July 30th EAS will continue its tradition of taking a group photograph of the attendees. This will be taken at 6:30 p.m. following the Bee Olympics. Location to be on the Veranda, weather permitting.

Throughout Conference

PAINTED HIVES

New Jersey Girl Scouts, 4-H clubs, Future Farmers of America and other non-profit organizations have been busy this Spring and Summer painting hive boxes for this annual EAS silent auction event. The boxes will be on display from Monday through Thursday in the Promenade outside the Grand Ballrooms (where the vendors are located). Bids will be accepted through Thursday, July 31st at 5 p.m. Successful bidders will be invoiced by the EAS Treasurer at the Conference, and you will pay your winning bid by cash, check or credit card, and pick up your spectacular box or boxes! All the funds raised are then returned to the individual or group who painted the boxes in the hopes that this will allow them to pursue further projects in the future or donate the money to support pollinators directly. Check out these works of art frequently and bid often!



ZUMBA AND YOGA

Start off your mornings with an invigorating Zumba session that will be offered Monday through Friday mornings from 7:00 – 8:00 a.m. It is scheduled on the Veranda, weather permitting.

Relax your body as you transition from daytime to evening time activities. Yoga will be offered Monday through Thursday from 5:15 – 6:00 p.m. in Plaza 1 on the Mezzanine level. If you have your own mat, please use it - some mats will be available on site.



AUCTIONS

There will be a virtual, silent and live auction within the conference. The virtual auction will run through Thursday, July 31st. Silent auctions will provide daily offerings of bee-related items such as books, clothing, jewelry, equipment and products. These items have been donated by individuals, companies and vendors and provide a wide variety for every taste and budget. There will be a special Silent Auction held in conjunction with the dinner and Live Auction held on Thursday, July 31 in the Riverside Ballroom. You do not have to attend the dinner to attend the auction, but we hope you did decide, and pre-registered, to share in the comradery of a meal together prior to the live auction. Select books, state/provincial baskets, winning honey from the Honey Show and much more will be up for auction. This is a lively event with sometimes very competitive bidding. All funds raised through these auctions will be placed in the EAS General Fund to support continuing EAS activities. Your support is much appreciated.



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NEARBY ATTRACTIONS



New Jersey Adventure Aquarium

Since opening to the public in 1992, New Jersey Adventure Aquarium has made it our mission to provide the best possible care to our resident animals. Today, we are home to a vast collection of aquatic animals and offer once-in-a-lifetime opportunities to explore life underwater through up-close animal encounters, interactive touch exhibits, and the chance to see and learn about some of the ocean's rarest and most fascinating species, all while just minutes from Center City Philadelphia. The aquarium is located at 1 Riverside Drive, Camden, NJ 08103

adventureaquarium.com



Longwood Botanical Gardens

Serving as the completion of Longwood Reimagined, this elegant, masterfully curated Waterlily Court stuns with its quiet pools of aquatic treasures and luminous blooms. With 100 varieties of hardy and tropical waterlilies, lotus, and South American water-platters—which adorn the pools starting in late May—a spectacular showcase awaits you. The botanical gardens are located at 1001 Longwood Road, Kennet Square, PA 19348.

longwoodgardens.org



Edelman Fossil Park Museum of Rowan University

Located at 66 Million Mosasaur Way, Mantua, NJ 08080 and open every day 10-5 p.m. Watch paleontologists preserve real fossils in Collections & Conservation, meet live animals in Critter Cove, explore their paleontology-themed playground - and so much more! Explore dinosaurs, fossils, and science through hands-on exhibits that spark wonder. Fall in love with nature, discover its incredible biodiversity, and learn why it needs our protection. Travel through their galleries to experience full-scale reconstructions of dinosaurs, reptiles,

and sea creatures that roamed the earth 66 million years ago in the region. See their live animal exhibits and meet marine creatures at their interactive touch tank. Watch an active paleontological excavation at a globally important fossil site. Peer into Collections & Conservation and look behind the scenes at fossil curation and study. Step back in time and dig for real fossils at Edelman Fossil Park & Museum's Quarry in Mantua, NJ! Uncover ancient treasures and experience hands-on paleontology at the site where the past comes to life. Sip on rich, freshly roasted coffee at Quarry Grounds Cafe, then explore unique gifts and treasures at Darwin & Co. Savor a delicious lunch on their scenic veranda with breathtaking views of the quarry.

efm.org/exhibits

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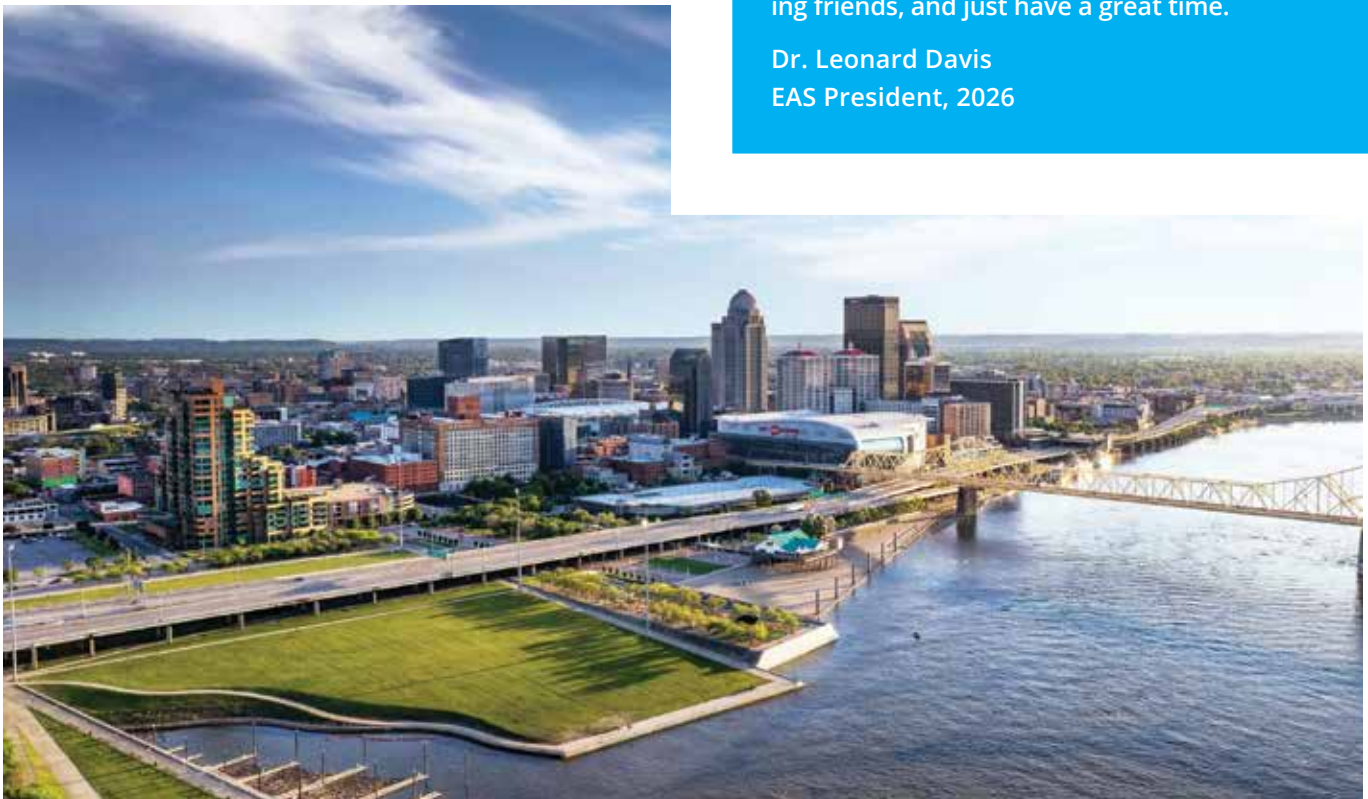
July 27-31, 2026



The Eastern Apiculture Society is headed back to the Bluegrass State.

We will be on the campus of Bellarmine University in the heart of Louisville. Join us as we endeavor to learn more about bees, visit with our beekeeping friends, and just have a great time.

Dr. Leonard Davis
EAS President, 2026



NOTES:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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- **Over 32,000 devices** in use since 2015
- **Detect swarms, nectar flows** and other events

Stable temperature in the Brood Zone indicates bees are raising brood. Note queen loss March 9 and loss of thermal regulation 21 days later.

