

**SUNDAY AUGUST 4, 2024**

Registration: 3:00 - 7:00 pm, outside Wedgewood Lobby  
 Sign up at registration area for “Dine Around Town” to be held on Monday p.m.  
 and Teams for the Olympics to be held on Wednesday p.m.  
 Board of Directors Meeting: 5:00 - 7:00 p.m., Oakdale Room  
 Reception in Waterford Ballroom 7:00 -9:00 p.m.

**EAS SHORT COURSE MONDAY August 5, 2024**

**MORNING**

**(Subject to Change)**

7:00 - 8:00 a.m.	Zumba with Erin Evans, Waverly Room							
7:00 - 8:30 a.m.	Breakfast Buffet in Regency Room (for those registered at Turf Valley Resort)							
7:30 a.m. - 4:00 p.m.	Registration and Honey Exchange Dropoff, outside Wedgewood Lobby							
	<b>MICROSCOPY</b>	<b>BEGINNER</b>	<b>INTERMEDIATE</b>	<b>ADVANCED</b>	<b>VALUING OUR</b>	<b>APIARY</b>	<b>QUEEN</b>	<b>DEEP DIVE</b>
			Increasing your Bee Yard	Bees Do What Bees Do, Managing Bees	BEEES AND THEIR CONTRIBUTIONS		REARING (pre- registration required)	Half-Day Classes - need to attend both parts
	Waterford Room	Crystal Room	Tiffany Room	Merriweather Room	Oakdale Room	Teaching Apiary	Terrace on the Green	Amphitheater
8:30 - 9:25 a.m.	Honey Bee Anatomy – From the Hive to the Microscope  <i>Dr. Linda Mizer</i>	Honey Bee Biology  <i>Dr. Deborah Delaney</i>	Making a New Queen for \$20  <i>Russell Sprangel</i>	You Can “Bee” a Healthier You: Apiculture Does Not Have to be Back Breaking  <i>Dr. Alan Sokoloff</i>	The Basics of Honey Tasting  (pre-registration required)  <i>Suzy Spencer</i>	Mark the Drones in Five Hives, one color per hive 100 drones per hive  <i>Don Hopkins Jeff Eckel</i>	Introduction and Making Cell Builders  <i>Jen Keller</i>	EAS Honey Show Judging (part 1)  Karla Eisen Mark Fiegl Jim Fraser David Morris Bob Wellemeier
9:25 - 9:35 a.m.	10 min transfer time							
9:35 - 10:30 a.m.	Pollen: Insights and Analysis for Beekeepers  <i>Christian Adams</i>	Biology of the Hive  <i>Dr. Deborah Delaney</i>	The Nucleus Colony Honey Producer and Resource Hive  <i>Steve Repasky</i>	Swarm Before, During and After  <i>Lisa Marie Ghezzi</i>	The Basics of Honey Tasting (continued)  Holding a Black Jar Contest with Many Judges (pre-registration required)  <i>Suzy Spencer</i>	Open Q&A With the Bee Wranglers  <i>Don Hopkins Jeff Eckel</i>	Making up Cell Builders in the Apiary  <i>Jen Keller</i>	15 min. Break  EAS Honey Show Judging (part 2)
10:30 - 11:00 a.m.	● 30 Minute Break – Snacks in Regency Room							
11:00 a.m. - 12:00 p.m.	Nosema – Biology, Impact and Management  <i>Joan Mahoney</i>	Why Beekeeping? What Do I Get from It?  <i>Carin Zinter</i>	The Science of Why Making Splits is Important  <i>Dr. Nathalie Steinhauer</i>	Plan to Succeed: Making a Personalized Action Plan  <i>Kim Mehalick</i>	Lotion Making  <i>Valerie Wampler</i>	3 Ways of Varroa Testing in Real Life Sugar, Alcohol and CO <sub>2</sub>  <i>Don Hopkins Jeff Eckel</i>	Making up Cell Builders in the Apiary  <i>Jen Keller</i>	
12:15 - 1:15 p.m.	Lunch, Grand Ballroom							

EAS SHORT COURSE MONDAY August 5, 2024

AFTERNOON

(Subject to Change)

12:30 - 5:00 p.m.	Microscopy - Laboratory Component - Board Transport to Community College of Baltimore County						
1:30 - 2:30 p.m.	Honey Steward Training, Ellicott Room						
	<b>BEGINNER</b>	<b>INTERMEDIATE</b>	<b>ADVANCED</b>	<b>VALUING OUR</b>	<b>APIARY</b>	<b>QUEEN</b>	<b>DEEP DIVE</b>
		<b>Improving Your</b>	<b>Enemies of</b>	<b>BEEES AND THEIR</b>	<b>Best Practices in</b>	<b>REARING</b>	<b>Half Day Classes</b>
		<b>Beekeeping</b>	<b>the hive</b>	<b>CONTRIBUTIONS</b>	<b>the Apiary</b>	(pre-registration required)	<b>-</b>
		<b>Success</b>					<b>need to attend</b>
	<b>Oakdale Room</b>	<b>Tiffany Room</b>	<b>Merriweather Room</b>	<b>Crystal Room</b>	<b>Teaching Apiary</b>	<b>Terrace on the Green and Apiary</b>	<b>both parts</b>
							<b>Amphitheater</b>
1:30 - 2:25 p.m.	What's What? Beekeeping Equipment  <i>Toni Burnham</i>	Why Did My Hive Die?  <i>Dr. Barry Thompson</i>	New Drone-Varroa Research  <i>Dr. Zachary Lamas</i>	Rendering Wax From Comb to that Pretty Block  <i>Virginia Webb</i>	How to do an Inspection the Master Beekeeper Way  <i>John Benham</i>	Planning and Scheduling for Successful Queen Rearing  <i>Jen Keller</i>	Honey Bee Biology (part 1)  <i>Larry Truchon</i>
2:25 - 2:35 p.m.	10 min transfer time						
2:35 - 3:30 p.m.	What Do Honey Bees Eat? Why and How they Get It  <i>Valerie Wampler</i>	The MDA Apiary Inspection Service... How Humans and Dogs are Keeping Maryland Honey Bees Healthy  <i>Cybil Preston</i>	Small Hive Beetles  <i>Dr. Humberto Boncristiani</i>	Wax On Wax Off. Making Award Winning Candles  <i>Virginia Webb</i>	How to Light a Smoker and KEEP It LIT  <i>Jim Fraser</i>	Grafting Overview  <i>Jen Keller</i>	15 min. Break
3:30 - 4:00 p.m.	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies						Honey Bee Biology (part 2)
4:00 - 5:00 p.m.	Meet, Greet and Pre-Exam Brief for Master Beekeeper Candidates, Waterford Ballroom						<i>Larry Truchon</i>
4:00 - 4:55 p.m.	Inspecting Colonies & Understanding What You See  <i>Mark Gingrich</i>	Apiary and Bee Business Sustainability  <i>Dewey Caron</i>	Wax Moth Life Cycle, Protecting Your Comb  <i>Dr. Clyde Strang</i>	Infusing Flavors into Your Honey  <i>David Elkner</i>	Inspecting a Top Bar Hive Frame Correctly  <i>Allen Storm</i>	Practice Grafting  <i>Jen Keller</i>	
5:15 - 6:00 p.m.	Gentle Yoga with Bridgett Wilson, Waverly Room						
6:15 - 9:00 p.m.	Dine Around Town with EAS Hosts – sign up for restaurant choice at registration, outside Wedgewood Lobby						
6:00 – 9:00 p.m.	MBK Volunteer Dinner for EAS MBK volunteering to test field or oral MBK Candidates. Oscar's Alehouse, 10795 Birmingham Way, Woodstock, MD 21104						

EAS SHORT COURSE TUESDAY August 6, 2024

MORNING

(Subject to Change)

7:00 - 8:00 a.m.	Zumba with Erin Evans, Waverly Room						
7:00 - 8:30 a.m.	Breakfast Buffet in Regency Room (for those registered at Turf Valley Resort)						
7:30 - 9:30 a.m.	Honey Exchange Dropoff, outside Wedgewood Lobby						
7:30 a.m. - 4:00 p.m.	Registration, outside Wedgewood Lobby						
8:00 a.m. - 5:00 p.m.	Master Beekeeper Oral Exams, Poplar Rooms A, B & C						
8:30 a.m. - 12:30 p.m.	Master Beekeeper Written Exam, Willow Rooms A, B & C						
	<b>BEGINNER</b>	<b>INTERMEDIATE</b>	<b>ADVANCED</b>	<b>PRACTICAL BEEKEEPING</b>	<b>APIARY</b>	<b>QUEEN REARING</b>	<b>DEEP DIVE Half Day Classes- need to attend both parts</b>
		<i>Native Bees</i>	<b>The Secret Lives of Bees, Inside the Box</b>			<i>(pre-registration required)</i>	
	<b>Crystal Room</b>	<b>Tiffany Room</b>	<b>Merrweather Room</b>	<b>Oakdale Room</b>	<b>Teaching Apiary</b>	<b>Terrace on the Green and Apiary</b>	<b>Amphitheater</b>
8:30 - 9:25 a.m.	Think Like a Beekeeper. Setting Goals, Making a Plan & Executing It  <i>Cathy Misko</i>	Biodiversity of Native Bees  <i>Clare Maffei</i>	Keep Bees Inside Your House  <i>Frank Linton</i>	A Honey Bee Human: Physiology of a Superorganism  <i>Dr. Crystal Lehman</i>	Counting Frames of Bees and Evaluating Your Queen Laying Pattern  <i>Eric Malcolm</i>	<i>No Class</i>	Making Splits & Nucs: Increases in your Yards  Bee Math, and Its Importance <i>Kim Mehalick</i>
9:25 - 9:35 a.m.	10 min transfer time						Science of Splits <i>Dr. Steinhauer</i>
9:35 - 10:30 a.m.	Beating the Odds. Making it Through the Early Years  <i>John Benham</i>	Native Bees Versus Honey Bees. Is it Really a Competition?  <i>Tim McMahon</i>	What I've Learned from My Observation Hive  <i>Phil Frank</i>	Understanding Bee Sting Allergies for Beekeepers.  <i>Dr. David Golden</i>	Examining Hives Like a State Inspector.  <i>Cybil Preston</i>	Grafting  <i>Jen Keller</i>	Various Split Types (walkaway, planned) <i>Pam Hepp</i>  Using a Snelgrove Board for Swarm Prevention and Making Splits <i>Kim Mehalick</i>
10:30 - 11:00 a.m.	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies						What Makes a Good Nuc <i>Valerie Wampler</i>
11:00 a.m. - 11:55 p.m.	Recognizing Problems Early & Correcting Them  <i>Brenda Keissling</i>	Attracting Bees to your Garden- ABCs  <i>Dewey M. Caron</i>	How Technology can Improve your Beekeeping Knowledge (Continuous Monitoring)  <i>Dr. William Meikle</i>	Responsible Treatment Free Management  <i>Kevin Inglin</i>		Check Cell Builders and Insert Grafts – Apiary  <i>Jen Keller</i>	Guidance Questions for Nuc Buyers
12:15 - 1:15 p.m.	Lunch, Grand Ballroom						

EAS SHORT COURSE TUESDAY August 6, 2024

AFTERNOON

(Subject to Change)

	BEGINNER	INTERMEDIATE	ADVANCED	PRACTICAL BEEKEEPING	APIARY	QUEEN REARING	DEEP DIVE
	Crystal Room	Waterford Ballroom	Merriweather Room	Oakdale Room	Teaching Apiary	Terrace on the Green	Amphitheater
1:30-2:25 p.m.	Pests & Diseases (part 1)  <i>Cybil Preston</i>	The Strength of Study Groups, and Their Evolution in Maryland  <i>David Schultz</i>	Lessons Learned Going from 2-800 Hives. (Don't Learn Them the Hard Way)  <i>Jason Hough</i>	How to Take Better Bee Pictures with Your Cell Phone  <i>Phil Frank</i>	How to Effectively Move Bees on a Frame  <i>Don Hopkins Jeff Eckel</i>	What To Do With Ripe Queen Cells  <i>Jen Keller</i>	Varroa Biology & All Legal Mite Treatments (part 1)  <i>Various EAS Certified Master Beekeepers</i>
2:00-4:30 p.m.	Honey Show Drop Off – Ellicott Room						15 min. Break
2:25-2:35 p.m.	10 min transfer time						
2:35-3:30 p.m.	Pests & Diseases (part 2)  <i>Cybil Preston</i>	Encouraging New Beekeepers to Step Up. Keeping the Young Alive  <i>MD MBK study group</i>	Contracts and Equipment Considerations for Small Scale Pollination Work  <i>Jim Fraser</i>	Single Brood Chamber Management  <i>Steve Repasky</i>	Making a Walk Away Split  <i>Don Hopkins Jeff Eckel</i>	Troubleshooting and Q&A  <i>Jen Keller</i>	
3:30-4:00 p.m.	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies						
4:00-4:55 p.m.	Master Beekeeper Roundtable  <i>EAS Certified Master Beekeepers</i>	Mentoring Programs that Work. Setting up a Club Teaching Apiary  <i>Maureen Jais-Mick</i>	Finances for Your Bee Farm  <i>Erin Evans, CPA</i>	Honey Bee Navigation  <i>David Schultz</i>	Open Wrangler Time – Get One-on-one Answers to Your Questions	<i>No Class</i>	
4:00-9:00 p.m.	Early Bus Departing for Picnic/BBQ at Larriland Farm, Woodbine. Pre-registration required.						
5:15-6:00 p.m.	Gentle Yoga with Bridgett Wilson, Waverly Room						
5:15 – 9:00 p.m.	Later Buses Depart for Picnic/BBQ at Larriland Farm, Woodbine. Pre-registration required.						

# EAS CONFERENCE WEDNESDAY August 7, 2024

## MORNING

*(Subject to Change)*

<b>7:00 - 8:00 a.m.</b>	Zumba – <i>Erin Evans</i> , Waverly Room
<b>7:00 - 8:30 a.m.</b>	Breakfast Buffet in Waterford Ballroom (those registered at Turf Valley Resort)
<b>7:30 - 9:30 a.m.</b>	Honey Exchange Dropoff, outside Wedgewood Lobby
<b>7:30 a.m. - 4:00 p.m.</b>	Registration, outside Wedgewood Lobby
<b>8:00 - 11:00 a.m.</b>	Honey Show Entries Accepted, Ellicott Room
<b>8:30 a.m. - 12:00 p.m.</b>	Trip to Fort McHenry National Monument and Historic Shrine – Depart from Front Lobby area
<b>8:30 a.m. - 12:30 p.m.</b>	Master Beekeeper - Lab Exam, Willows Rooms A, B & C, Ground Level
<b>9:00 a.m. - 4:30 p.m.</b>	Master Beekeeper - Field Exam, Testing Apiary
<b>8:30 - 8:45 a.m.</b>	Introductions and Welcome – <i>Eloise Naylor</i> , EAS Chair & <i>David Morris</i> , EAS President, Grand Ballroom
<b>8:45 - 9:00 a.m.</b>	Welcome from the Maryland State Department of Agriculture Secretary, Dr. Kevin Atticks, Grand Ballroom
<b>9:00 - 9:30 a.m.</b>	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies
<b>9:30 - 10:30 a.m.</b>	<i>Dr. Michelle Flenniken</i> , The Impact of Viruses on Honey Bee Health at the Colony, Individual Bee, and Cellular Levels, Grand Ballroom
<b>10:30 - 11:30 a.m.</b>	<i>Dr. Elizabeth Capaldi</i> , The Fountain: Bee Behaviors, Minds, and King Solomon's Ring (An Update on Cutting Edge Research on the Cognition of Bees), Grand Ballroom
<b>11:30 a.m. – 12:45 p.m.</b>	Lunch, Grand Ballroom Visit Vendors, Cameo and Wedgewood Ballrooms and Lobbies

# EAS CONFERENCE WEDNESDAY August 7, 2024

## AFTERNOON

(Subject to Change)

50-minute workshops	The Bees Knees  Amphitheater	Romancing the Drones  Tiffany Room	Oh, What You'll See When You Think Like a Bee  Crystal Room	USDA and Regional Beekeeping  Merriweather Room	Bee Keeping Topics  Oakdale Room	Apitherapy  Waterford Ballroom	APIARY  Teaching Apiary
12:30 – 4:30 p.m.	Trip to the B&O Railroad Museum – Depart from the Front Lobby area						
1:00-1:50 p.m.	A Honey Bee Human: Physiology of a Superorganism  <i>Dr. Crystal Lehmaning</i>	The Importance of Drones for Raising High Quality Queens  <i>John Gaut</i>	Scent Detection Demonstration. How Humans and Dogs are Keeping Maryland Honey Bees Healthy  <i>Cybil Preston</i>	Miticides  <i>Dr. Steve Cook</i>	Gadgets You Could Keep Bees Without, But Won't Want To  <i>Allen Hayes</i>	Plants for Medical Grade Honey  <i>Dr. Ferhat Ozturk</i>	Marking Drones  <i>Don Hopkins and Jeff Eckel</i>
1:50-2:00 p.m.	10 min break/ transfer time						
2:00-2:50 p.m.	Honey Bees and Their Viruses  <i>Dr. Michele Flenniken</i>	Wax On, Wax Off: Making Award Winning Candles  <i>Virginia Webb</i>	Honey Bee Digestion  <i>Dr. David Peck</i>	Longtime Disease Trends from the USDA's Bee Disease Diagnostic Service  <i>Sam Abban</i>	EAS Master Beekeeper Program: History, Why & How  <i>Erin Evans</i>	Unique Products of the Hive for Apitherapy and the Importance of Clean Products  <i>Dr Petrusia Kotlar</i>	Three Ways of Varroa Testing in Real Life: Sugar, Alcohol and CO <sub>2</sub>  <i>Don Hopkins and Jeff Eckel</i>
2:50-3:20 p.m.	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies						
3:20-4:10 p.m.	<b>Terrace on the Green</b> Almost Every Device Under the Beekeeping Sun - Open House  <i>Russell Sprangel</i>	Exploring UAV Technology for Identifying Drone Congregation Areas  <i>Mark Gingrich</i>	State Apiary Inspectors Panel  <i>Natasha Garica-Andersen, Lead</i>	Regional Beekeeping: North, Mid Atlantic, South Part 1  <i>Erin Evans, Eric Malcolm, Kent Williams</i>	The Search for Medicinal Properties of Spotted Lantern Fly Honey for Human Health  <i>Dr. Petrusia Kotlar</i>	Propolis: Trapping and Tinctures  Debbie Klughers	Assistive Technologies for Beekeepers  <i>Dr. Adam Ingrao</i>
4:10 - 4:20 p.m.	10 Minute Break / transfer time						
4:20 - 5:10 p.m.	<b>Terrace on the Green (continued)</b> Almost Every Device Under the Beekeeping Sun - Open House  <i>Russell Sprangel</i>	UV Flight Demonstration, Outdoors  <i>Mark Gingrich</i>	Honeybee Pollination Biology  <i>John Strang</i>	Regional Beekeeping: North, Mid Atlantic, South Part 2  <i>Erin Evans, Eric Malcolm, Kent Williams</i>	How to Help Engage Children in K-6 Schools with Bee-related Themes/Activities  <i>Dr. Elizabeth Capaldi</i>	Medicinal Use of Honey: Evidence-based Applications  <i>Dr. Ferhat Ozturk</i>	Hives Langstroth Did Not Invent  <i>Allan Storm</i>
5:15 - 6:00 p.m.	Gentle Yoga – <i>Bridgett J. Wilson</i> , Waverly Room						
5:15 - 6:15 p.m.	Bee Olympics – In front of Grand Ballroom Entrance, circle driveway with flags						
6:15 - 6:30 p.m.	Group Photo – meet outside by the EAS Registration area						
7:00 – 9:00 p.m.	Happy Hour – Cash Bar, Grand Ballroom						
7:00 - 8:30 p.m.	BBQ Dinner, Grand Ballroom						

# CONFERENCE THURSDAY August 8, 2024

## MORNING

*(Subject to Change)*

<b>7:00 - 8:30 a.m.</b>	Breakfast Buffet in Waterford Ballroom (those registered at Turf Valley Resort)
<b>7:30 - 9:30 a.m.</b>	Honey Exchange Dropoff, outside Wedgewood Lobby
<b>7:30 a.m. - 4:00 p.m.</b>	Registration, outside Wedgewood Lobby
<b>8:30 a.m. - 12:00 p.m.</b>	USDA Bee Research Laboratory, Beltsville, MD– Tour 1 (pre-registration required)
<b>8:30 - 8:45 a.m.</b>	Conference Updates – Eloise Naylor, EAS Chair & David Morris, EAS President, Grand Ballroom
<b>8:45 - 9:30 a.m.</b>	Presentation by Dr. Margarita López-Urbe, 2024 Hambleton Award Winner, The Benefits and Promises of Organic Beekeeping, Grand Ballroom
<b>9:30 - 10:00 a.m.</b>	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies
<b>10:00 - 11:00 a.m.</b>	Sam Droege: How Bees, Native and Non, Split Up the Plant World for Foraging, Grand Ballroom
<b>11:30 a.m. - 5:00 p.m.</b>	Honey Show Open for Viewing, Ellicott Room, Ground Level
<b>11:00 - 11:30 a.m.</b>	Dr. Tammy Horn-Potter, Flower Power: Establishing Pollinator Habitat, Grand Ballroom
<b>11:30 a.m. - 1:00 p.m.</b>	Life Member Luncheon, Waterford Ballroom. Mike Markowitz: Honey Bees on Ancient Coins (open to Life Members who have pre-registered and paid in advance)
<b>11:30 a.m. - 12:45 p.m.</b>	Lunch, Grand Ballroom Visit Vendors, Cameo and Wedgewood Ballrooms and Lobbies

# EAS CONFERENCE THURSDAY August 8, 2024

## AFTERNOON

(Subject to Change)

1:00 - 5:00 p.m.	USDA Bee Research Laboratory, Beltsville, MD– Tour 2 (pre-registration required)						
	<b>Bee Stuff</b>	<b>Photography</b>	<b>Accessible Bee Keeping</b>	<b>Out of Africa and Other Topics</b>	<b>Urban Beekeeping</b>	<b>Think Like a Bee</b>	<b>Apiary</b>
	<b>Tiffany Room</b>	<b>Crystal Room</b>	<b>Waterford Room</b>	<b>Merriweather Room</b>	<b>Oakdale Room</b>	<b>Amphitheater</b>	<b>Teaching Apiary</b>
1:00 - 1:50 p.m.	Underappreciated Drones  <i>Dr. Jon Zawislak</i>	Taking High Resolution Stacked Photos of Bees Using Common SLR Equipment  <i>Sam Droege</i>	Accessibility in the Bee Yard  <i>Dr. Adam Ingraio</i>	Africanized Honey Bee Update  <i>Dr. Dewey Caron</i>	Beekeeping In, of, or For the City  <i>Dr. Eve Bratman</i>	Insect Societies from Kings & Queens to Just Plain Wasps  <i>Dr. James Wilson</i>	Demonstration of the Honey Bee Dance  <i>Dr. Elizabeth Capaldi</i>
1:50 - 2:00 p.m.	10 min break/ transfer time						
2:00 - 2:50 p.m.	Feral Honey Bees: Reservoirs of Disease or Sources for Future Breeding?  <i>Dr. Margarita López-Urbe</i>	How to Take Better Bee Pictures with Your Cell Phone  <i>Phil Frank</i>	Therapeutic Value in Beekeeping  <i>Monica Schmitt</i>	Business Models: Do You Really Need All Those Bees?  <i>Kent Williams</i>	Keeping Urban Beekeeping Legal  Nick Hoefly	Comb and Nest Architecture  <i>Grai St. Clair Rice</i>	Recognizing a Good Versus Bad Colony  <i>Dr. Jeff Pettis</i>
2:50 - 3:20 p.m.	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies						
3:20 - 4:10 p.m.	Nectar-Producing Plants for Honey Bees  <i>Joe Alvarez</i>	Thermoregulation and Ventilation  <i>Bill Hesbach</i>	AŽ Hive Discussion  <i>Jonna Sanders</i>	Honey Bee Health Coalition Update  <i>Dr. Tammy Horn-Potter</i>	Critical Assets Every Urban Beekeeper Needs  <i>Charles DeBarber</i>	Anticipatory Beekeeping  <i>Dr. Dewey Caron</i>	Examining Sterilized American Foulbrood Comb  <i>Don Hopkins</i>
4:10 - 4:20 p.m.	10 Minute Break / transfer time						
4:20 - 5:10 p.m.	The Ecological Impacts of Beekeeping and the Importance of Beekeepers as Stewards of the Environment  <i>Dr. Margarita López-Urbe</i>	Coming to an Apiary Near You? The Threat of New Pests, Hornets, Mites and More  <i>Dr. Jeff Pettis</i>	Addressing Veteran’s Mental Health with Therapeutic Beekeeping  <i>Monica Schmitt and Dr. Adam Ingraio</i>	Bees Don’t Bite: Facts About Bee Stings that Every Beekeeper Should Know  <i>Dr. Barry Thompson</i>	Nuts and Bolts of Urban Beekeeping  <i>Toni Burnham</i>	American Foul Brood Vaccine  <i>Nathan Reid</i>	Stress-Free Beekeeping by the Sustainable Honey Bee Program.  <i>Richard Whitlow</i>
5:15 - 6:00 p.m.	The Beekeeper’s Corner Podcast, Kevin Inglin & Bob Kloss, Amphitheater						
5:15 - 6:00 p.m.	Gentle Yoga – Bridgett J. Wilson, Waverly Room						
7:00 – 10:00 p.m.	Happy Hour - Cash Bar, Grand Ballroom						
7:00 - 8:00 p.m.	Dinner Buffet, Grand Ballroom						
8:00 - 10:00 p.m.	Live Auction and Honey Show Silver Awards Presentations, Grand Ballroom						



# EAS CONFERENCE FRIDAY August 9, 2024

## MORNING

*(Subject to Change)*

<b>7:00 - 8:30 a.m.</b>	Breakfast Buffet in Waterford Ballroom (those registered at Turf Valley Resort)
<b>7:30 - 8:30 a.m.</b>	Master Beekeeper Annual Meeting and Breakfast, Terrace on The Green
<b>7:30 a.m. - 12:00 p.m.</b>	Registration, outside Wedgewood Lobby
<b>8:30 - 8:45 a.m.</b>	Conference Updates – Eloise Naylor, EAS Chair & David Morris, EAS President, Grand Ballroom
<b>8:45 - 9:30 a.m.</b>	Presentation by Dr. Debbie Delaney - 2024 Morse Award Winner: University of Delaware Bee Lab Happenings! Grand Ballroom
<b>9:30 a.m. - 3:00 p.m.</b>	Honey Show Open for Viewing, Ellicott Room
<b>9:30 - 10:00 a.m.</b>	30 Minute Break – Snacks in Vendor Area, Cameo and Wedgewood Ballrooms and Lobbies
<b>10:00 - 11:00 a.m.</b>	Dr. Jeff Pettis, Beekeeping in a Changing World, Grand Ballroom
<b>11:00 - 11:15 a.m.</b>	Announcements
<b>11:15 a.m. - 12:00 p.m.</b>	EAS Annual Business Meeting, Grand Ballroom
<b>12:00 - 1:00 p.m.</b>	Lunch, Grand Ballroom
<b>12:15 - 3:20 p.m.</b>	Honey Exchange Pickup, outside Wedgewood Lobby

# EAS CONFERENCE FRIDAY August 9, 2024

## AFTERNOON

(Subject to Change)

50-minute workshops	Are you Smarter Than a Fifth Instar Larva?  Crystal Room	Research, Etc.  Merriweather	Keys for Keeping Bees  Tiffany Room	Bee Skills  Oakdale Room	Reaching Out  Amphitheater	Communication and Bee Health  Waterford Ballroom	Apiary
1:00 - 1:50 p.m.	Long Hives: Management and Varroa Treatment with Formic Pro  <i>Dr. Heather Broccaro-Bell</i>	Small Hive Beetle - What Do we Know so Far?  <i>Dr. Humberto Boncristiani</i>	Perpetual Beekeeping  <i>Dorinda Priebe</i>	Difference Between Native Bees and Honey Bees  <i>Tim McMahon</i>	Keep the Buzz Going, Customize a Youth Scholarship Program  <i>Cathy Misko</i>	Good & Bad Microbes in Bee Colonies  <i>Dr. Jay Evans</i>	Recovering from Bee Yard Mistakes and Mishaps  <i>Don Hopkins and Jeff Eckel</i>
1:50 - 2:00 p.m.	10 min break/ transfer time						
2:00 - 2:50 p.m.	Tools & Tips  <i>Debbie Klughers</i>	Creating a Self-Service Store to Sell Your Products  <i>Landi Simone</i>	Pollen  <i>Bill Hesbach</i>	Veterinary Feed Directive  <i>Dr. Rebecca A. Krimins</i>	Bee Zoning Laws  <i>David Frank</i>	Pheromones: Chemical Communication in the Hive  <i>Dr. James Wilson</i>	By Popular Demand – see the Waggle
2:50 - 3:20 p.m.	30 Minute Break – Snacks in Waterford Lobby and Grand Ballroom						
3:00 – 5:00 p.m.	Honey Show Entry Pickup, Ellicott Room, Ground Level						
3:20 - 4:10 p.m.	Bridging the Art and Science of Beekeeping  <i>Dr. Debbie Delaney</i>	Purdue Leg-Chewing Stock & Genetic Selection in Our Apiary  <i>Burton Beasley</i>	European Foul Brood and Me, A “Real Hive” Situation  <i>Dorinda Priebe</i>	Setting up a Home Microscopy Workshop  <i>Eric Smith</i>	<b>Terrace on the Green</b>  Pysanki-making Workshop (Pre-registration required )  <i>Evelyn Hogg</i>	Novel Disease Treatments  <i>Dr. Jay Evans</i>	
4:10 - 4:20 p.m.	10 Minute Break / transfer time						
4:20 - 5:10 p.m.	Speaker Panel with Drs. Debbie Delaney, Jay Evans, Margarita Lopéz-Urbe, Jeff Pettis, James Wilson and Jon Zawislak, Waterford Ballroom						
6:30 - 9:00 p.m.	Happy Hour – Cash Bar, Grand Ballroom						
7:00 - 8:00 p.m.	Plated Dinner, Grand Ballroom						
8:00 - 10:00 p.m.	Awards, Grand Ballroom						

## SATURDAY August 10, 2024

7:00 – 8:30 a.m. Breakfast Buffet in Crystal/Regency Ballroom (for those registered at Turf Valley Resort)