

Short Course Schedule:

Schedule may be subject to minor changes.

SUNDAY, JULY 30

3:00 - 5:00 PM	Registration <i>Campus Center, 1st Floor Lobby</i>
5:30 - 7:00 PM	Welcome Reception <i>Campus Center, 2nd Floor</i>
7:00 - 8:30 PM	Board of Directors Meeting <i>Campus Center, Room 803</i>

MONDAY, JULY 31: MORNING

6:30 – 7:30 AM	Zumba – Erin Evans (MacGregor-Forbes) <i>Campus Center South Side Patio (Rain location in auditorium)</i>					
7:30 AM – 4:00 PM	Registration <i>Campus Center, 1st Floor Lobby</i>					
	Honey Show Set Up - Campus Center, 10 th Floor, Amherst Room					
Theme & Location	MICROSCOPY <i>(Must be preregistered and paid in advance)</i>	BEGINNER	INTERMEDIATE	ADVANCED - HIVE PRODUCTS	EAS APIARY	QUEEN REARING WORKSHOP <i>(Must be preregistered and paid in advance)</i>
	ROOMS 301/302 Morrill III	ROOM 163 1 ST Floor Campus Center	ROOM S331 Integrative Learning Center	ROOM S140 Integrative Learning Center	South Lawn of Campus Center <i>(Unless otherwise noted)</i>	ROOM 174 1 ST Floor Campus Center <i>(Except as noted below)</i>
8:30 - 9:25 AM	Group 1 – External Anatomy and Pollen <i>Dr. Kim Skyrn</i> Group 2 – Internal Anatomy and Health Issues <i>Jennifer Lund</i>	Fundamental Principles of Honey Bee Colony Management <i>Dorinda Priebe</i>	My Hive Swarmed – Now What? <i>Leslie Huston</i>	New Method For Honey Comb Production <i>Bill Crawford</i>	Smoker Lighting and Observations to be Made Before Opening a Hive. <i>Don Hopkins</i>	Introduction and Making Cell Builders <i>Jennifer Keller</i>
9:25 - 9:35 AM	10 Minute transfer time					
9:35 - 10:30 AM	Group 1 – External Anatomy and Pollen <i>Dr. Kim Skyrn</i> Group 2 – Internal Anatomy and Health Issues <i>Jennifer Lund</i> Sessions continue at 10:35 PM	The Well Established Colony <i>John Benham</i>	Increasing Honey Production by Artificial Swarming <i>Erin Evans (MacGregor-Forbes)</i>	Pollen and Propolis: Natural Healing from a beekeeper's Medicine Chest <i>Rich Wieske</i>	Open Time	Making Cell Builders <i>(At the EAS Apiary)</i> <i>Jennifer Keller</i>
10:30 - 11:00 AM	30 Minute Break and Snacks - <i>Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor</i>					
11:00 - 11:55 AM	10: 35 AM -12:35 PM Group 1 – Internal Anatomy and Health Issues <i>Jennifer Lund</i> Group 2 – External Anatomy and Pollen <i>Dr. Kim Skyrn</i>	Specific Feeding Through the Seasons for Specific Results <i>David Burns</i>	Thermoregulation and Ventilation <i>William Hesbach</i>	Mead <i>Rick Reault</i>	Inspection of Colonies – What to Look For <i>Don Hopkins</i>	Planning and scheduling for successful queen rearing <i>Jennifer Keller</i>
11:50 AM – 1:00 PM	Lunch and free time to visit vendors <i>Lunch on your own and available at the Worcester Common, or at the Food Court in the Campus Center, 2nd floor Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st floor</i>					

Short Course Schedule:

Schedule may be subject to minor changes.

MONDAY, JULY 31: AFTERNOON

Theme & Location	MICROSCOPY <i>(Must be preregistered and paid in advance)</i>	BEGINNER	INTERMEDIATE	ADVANCED - HIVE PRODUCTS	EAS APIARY	QUEEN REARING WORKSHOP <i>(Must be preregistered and paid in advance)</i>
	ROOMS 301/302 Morrill III	ROOM 163 1 ST Floor Campus Center	ROOM S331 Integrative Learning Center	ROOM S140 Integrative Learning Center	South Lawn of Campus Center <i>(Unless otherwise noted)</i>	ROOM 174 1 ST Floor Campus Center <i>(Except as noted below)</i>
1:30 - 2:25 PM	Group 3 – External Anatomy and Pollen <i>Dr. Kim Skyrms</i> Group 4 Internal Anatomy and Health Issues <i>Jennifer Lund</i>	Reading the Frames <i>Landi Simone</i>	Mysteries and Management of Laying Workers <i>Dr. Jon Zawislak</i>	Wax Rendering for Shows and Products <i>Bob Wellemeyer</i>	Open Time	Grafting Overview <i>Jennifer Keller</i>
2:25 - 2:35 PM	10 Minute transfer time					
2:35 - 3:30 PM	Group 3 External Anatomy and Pollen <i>Dr. Kim Skyrms</i> Group 4 Internal Anatomy and Health Issues <i>Jennifer Lund</i> Sessions continue at 3:40 PM	Early Signs of Trouble in a Hive and What to Do About It <i>Ed Karle</i>	How to Integrate the “Brood Factory” Concept into Smaller Operations <i>Erin Evans (MacGregor Forbes)</i>	Candle Making <i>Bob Wellemeyer</i>	Reading the Frames <i>Don Hopkins</i>	Practice Grafting <i>Jennifer Keller</i>
3:30 - 4:00 PM	30 Minute Break and Snacks <i>Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor</i>					
4:00 - 4:55 PM	3:40-5:40 PM Group 3 Internal Anatomy and Health Issues <i>Jennifer Lund</i> Group 4 External Anatomy and Pollen <i>Dr. Kim Skyrms</i>	Observations and Record Keeping <i>John Gaut</i>	Pollen Stresses on Your Colonies – Is Feeding Worth It? <i>Dr. Heather Mattila</i>	Creamed Honey and Honey Spreads <i>Landi Simone</i>	Inspecting for Disorders <i>Don Hopkins</i>	EAS MB Candidate Meet, Greet, and Q&A
4:55 PM	Dinner on your own.					
5:15 - 6:00 PM	Gentle Yoga – Bridgett J. Wilson <i>Campus Center, First Floor – See Waggle for room allocation</i>					

Short Course Schedule:

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TUESDAY, AUGUST 1: MORNING

6:30 – 7:30 AM	Zumba – Erin Evans (MacGregor-Forbes) <i>Campus Center South Side Patio (Rain location in auditorium)</i>						
7:30 AM – 4:00 PM	Registration <i>Campus Center, 1st Floor Lobby</i>						
2:00 PM – 5:00 PM	Honey Show Entry Drop Off <i>Campus Center, 10th Floor, Amherst Room</i>						
8:30 AM - 12:30 PM	Master Beekeeper - Written Exam <i>Integrative Learning Center, Room 101</i>						
8:30 AM - 6:00 PM	Master Beekeeper - Oral Exam <i>Campus Center, 9th Floor, Rooms 903, 904 & 905,</i>						
Theme & Location	“HOW TO”	BEGINNER	INTERMEDIATE	ADVANCED – BUSINESS OF BEEKEEPING	EAS APIARY	INTRODUCTION TO HONEY SHOW JUDGING	QUEEN REARING WORKSHOP <i>(Must be preregistered and paid in advance)</i>
	ROOM 163 1 ST Floor Campus Center	ROOM 174 1 ST Floor Campus Center	ROOM S331 Integrative Learning Center	ROOM S140 Integrative Learning Center	South Lawn of Campus Center <i>(Unless otherwise noted)</i>	ROOM 168 1 ST Floor Campus Center	ROOM 162 1 ST Floor Campus Center <i>(Except as noted below)</i>
8:30 - 9:25 AM	Cleaning and Maintaining Your Equipment (Extractor, Refractometer, & Observation Hive) <i>Mark Cooper</i>	What Beekeepers Need to Know About Yellow Jacket Wasps <i>Allen Hayes</i>	4 Tips that Took Me a Decade to Master <i>David Burns</i>	The Business of Migratory Beekeeping <i>Glen Card</i>	Open Time	The EAS Honey Show: Why We Do It? & Honey Show Steward Orientation* <i>Karla Eisen</i>	No Class
9:25 - 9:35 AM	10 minute transfer time						
9:35 - 10:30 AM	Safety Equipment Cleaning and Maintenance, and Following Label Precautions <i>Dr. Leonard Davis</i>	What Kills Bees? <i>Dr. Dewey Caron</i>	Collecting and Submitting Samples for Analysis <i>Dr. Kim Skrym</i>	When Local Beekeeping Needs National Resources <i>Dan Conlon</i>	Follow-up on Problem Hives, and Q&A <i>Don Hopkins</i>	Introduction to Judging Honey Shows <i>Jim Fraser and Dr. James Wilson</i>	Grafting <i>Jennifer Keller</i>
10:30 - 11:00 AM	30 Minute Break and Snacks - <i>Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor</i>						
11:00 - 11:55 AM	Photographing Honey Bees <i>Paul Tessier</i>	Maintaining a Disease-Free Condition in the Beehive <i>Dr. Leonard Davis</i>	Change in Queen Produced Volatiles During Reproductive Swarming <i>Dr. Heather Matilla</i>	Transforming from a Hobbyist to a Sideliner <i>Bill Crawford</i>	What’s Wrong with my Hive? Pests or Pesticides? <i>Don Hopkins</i>	Judging Comb and Extracted Honey <i>Jim Fraser and Mark Fiegl</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 and free time to visit vendors <i>Lunch on your own and available at the Worcester Common, or at the Food Court in the Campus Center, 2nd floor Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st floor</i>						

* Session required for Honey Show Stewards.

Short Course Schedule:

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TUESDAY, AUGUST 1: AFTERNOON


1:00 PM – 3:00 PM	Field Guided Workshop on Photographing Honey Bees – Paul Tessier ** Pre-registration required. Limited to 20 students. Bring your own camera. State Apiary						
Theme & Location	“HOW TO”	BEGINNER	INTERMEDIATE	ADVANCED – BUSINESS OF BEEKEEPING	EAS APIARY	INTRODUCTION TO HONEY SHOW JUDGING	QUEEN REARING WORKSHOP <i>(Must be preregistered and paid in advance)</i>
	ROOM 163 1 ST Floor Campus Center	ROOM 174 1 ST Floor Campus Center	ROOM S331 Integrative Learning Center	ROOM S140 Integrative Learning Center	South Lawn of Campus Center <i>(Unless otherwise noted)</i>	ROOM 168 1 ST Floor Campus Center	ROOM 162 1 ST Floor Campus Center <i>(Except as noted below)</i>
1:30 - 2:25 PM	Weird Techniques for Swarm Control <i>Landi Simone</i>	Managing Small Hive Beetles <i>Dr. Jon Zawislak</i>	Educating the Next Generation of Beekeepers <i>Dr. Cameron Jack</i>	Understanding the Business Implications and Tax Advantages of Your Beekeeping Hobby or Business <i>Erin Evans (MacGregorForbes)</i>	What to Expect When Being Inspected <i>Massachusetts State Inspectors</i>	Judging Beeswax, Candles, Gift Baskets, and Art <i>Mark Fiegl David Morris</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	Starting a Public Bait Hive Project: Enlightening the Public on Honey Bee Swarms <i>Deborah Klughers</i>	The Latest in Colony Monitoring Technology <i>Frank Linton</i>	Well Mated Queens Produce the Busiest Hives <i>Dr. Heather Mattila</i>	Creating a Self-Service Retail Venue <i>Landi Simone</i>	Small Hive Beetle Traps and How to Use Them <i>Don Hopkins</i>	Successes and Challenges in Judging & Hands On Judging Practice <i>Bob Wellemeyer Dr. James Wilson, Mark Fiegl, Jim Fraser, Karla Eisen</i>	Trouble Shooting and Q&A <i>Jennifer Keller</i>
3:30 - 4:00 PM	30 Minute Break and Snacks <i>Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor</i>						
4:00 - 4:55 PM	The Science of Baking - Tips and Ideas on Using Honey in the World of Pastry and Baking <i>UMass Pastry Chef Pamela Adams</i>	Beginning Beekeeping Round Table <i>Master Beekeepers</i>	Inspector Meet and Greet – Come Beek Out With Us! <i>MDAR and Apiary Inspectors of America</i>	Bee Economics: What Women and Bees Teach Us About Local Trade and Global Markets <i>Dr. Tammy Horn Potter</i>	Open Time	Hands On Practice <i>Bob Wellemeyer Dr. James Wilson, Mark Fiegl, Jim Fraser, Karla Eisen</i>	No Class
5:15 - 6:00 PM	Gentle Yoga – Bridgett J. Wilson <i>Campus Center, First Floor – See Waggle for room allocation</i>						
6:30 PM	Dinner around town with EAS hosts <i>Sign up required at Registration Desk – 1st Floor, Campus Center</i>						

** Pre-registration Required. Limited to 20 students. Bring our own camera

Conference Schedule:

Schedule may be subject to minor changes.


WEDNESDAY, AUGUST 2: MORNING

6:30 - 7:30 AM	Zumba – Erin Evans (MacGregor-Forbes) <i>Campus Center South Side Patio (Rain location in auditorium)</i>
7:30 AM – 4:00 PM	Registration <i>Campus Center, 1st Floor Lobby</i>
8:00 - 11:00 AM	Honey Show Entries Accepted <i>Campus Center, 10th Floor, Amherst Room</i>
8:30 AM - 12:30 PM	Master Beekeeper - Lab Exam <i>Morrill Building, 3rd Floor, Room 301</i>
9:00 AM - 4:30 PM	Master Beekeeper Field Exam <i>MA State Apiary at the Agricultural Learning Center Farm, 911 North Pleasant Street</i>
8:30 - 8:45 AM	Introductions and Welcome – <i>Eloise Naylor, EAS Chair & Mary Duane, EAS President</i> <i>Student Union, 2nd Floor, Ballroom</i>
8:45 - 9:15 AM	Ashley Randle, Massachusetts Department of Agricultural Resources Commissioner <i>Student Union, 2nd Floor, Ballroom</i>
9:15 - 9:45 AM	30 Minute Break and Snacks Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor
9:45 – 11:15 AM	 Dr. Tammy Horn Potter: History of Bees in the U.S. <i>Student Union, 2nd Floor, Ballroom</i>
11:15 AM - 1:00 PM	Lunch and free time to visit vendors <i>Lunch on your own and available at the Worcester Common, or at the Food Court in the Campus Center, 2nd floor</i> <i>Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st floor</i>

Conference Schedule:

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WEDNESDAY, AUGUST 2: AFTERNOON

Theme & Location	 "PAST" ROOM 168 Campus Center 1ST Floor	BEE HEALTH 1:00-2:50 PM Student Union Ballroom 3:20-5:10 PM ROOM Relocation	QUEENS AND BREEDING/ REARING ROOM S331 Integrative Learning Center	APITHERAPY ROOM 163 Campus Center 1ST Floor	EAS APIARY South Lawn of Campus Center <i>(Unless otherwise noted)</i>
1:00 - 1:50 PM	EAS – The First 68 Years, A Synopsis <i>Doug Galloway</i>	Issues with Old Comb and Toxic Interactions <i>Bob Binnie</i>	The Importance of Drones for High Quality Queens <i>John Gaut</i>	Get Your Sting On! <i>Deborah Klughers</i>	General Inspection and Varroa Check <i>Don Hopkins</i>
1:50 - 2:00 PM	10 min break/ transfer time				
2:00 - 2:50 PM	Challenges in Commercial Beekeeping – Past to Present <i>Glen Card</i>	Colony Thirst: How Does a Honey Bee Colony Regulate Its Water Collection? <i>Dr. Tom Seeley</i>	The Russian Honey Bee <i>Dan Conlon</i>	Treating Wounds with Honey <i>Dr. Allen Dennison</i>	What to Expect When Being Inspected <i>Massachusetts State Inspectors</i>
2:50 - 3:20 PM	30 Minute Break and Snacks Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor				
3:20 - 4:10 PM	"Work I Knew I Must" – A.I. Root and Jane Cole: A Nineteenth Century Partnership with Twenty-First Century Implications <i>Dr. Tammy Horn Potter</i>	The Ins and Outs of Managing Varroa with OA <i>Dr. Cameron Jack</i> ROOM S102 Integrative Learning Center	Breeding the Bee That Bites the Mite <i>Krispn Given</i>	Bee Sting Allergies <i>Dr. Jane Dennison</i>	Demonstrating Drone Drift in the Apiary <i>John Gaut & Leslie Huston</i>
4:10 - 4:20 PM	10 min break/ transfer time				
4:20 - 5:10 PM	The Origin and Construction of the Langstroth's Patented Hive <i>Marc Hoffman</i>	Diet Diversity and Honey Bee Foraging Behavior <i>Dr. Rachael Bonoan</i> ROOM 174 Campus Center	Raising New England Queens <i>Leslie Huston</i>	Workshop: Hands on Compounding of Healing Ointment and Applying Wound Dressings Using Your Honey <i>(Must be pre-registered and paid in advance)</i> <i>Dr. Allen Dennison</i>	The Craft and Science of Bee Lining <i>Dr. Tom Seeley</i> ROOM 102 Integrative Learning Center
5:25 - 6:30 PM	Beekeeper Olympics - Paul Kelly <i>EAS Apiary, South Lawn of Campus Center</i>				
5:25 – 6:10 PM	Gentle Yoga – Bridgett J. Wilson <i>Campus Center, First Floor – See Waggle for room allocation</i>				
6:00 PM	Happy Hour <i>Student Union Ballroom</i>				
6:30 PM	BBQ Dinner and Interview with Lorenzo Langstroth (Marc Hoffman) <i>Student Union Ballroom</i>				

Conference Schedule:

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THURSDAY, AUGUST 3: MORNING

6:30 - 7:30 AM	Zumba – Erin Evans (MacGregor-Forbes) <i>Campus Center South Side Patio (Rain location in auditorium)</i>
7:30 AM – 4:00 PM	Registration <i>Campus Center, 1st Floor Lobby</i>
8:30 AM – 12:00 PM	New England Apiaries - 1 st Tour <i>Bus drop-off and pickup at the Flint Circle Loop off Campus Way Road</i>
10:00 AM - 12:00 PM	Children’s Program: Session 1 <i>Campus Center, Room 168</i>
9:30 AM – 5:15 PM	Bus leaves for Historic Deerfield and Bridge of Flowers <i>Bus drop-off and pickup at the Flint Circle Loop off Campus Way Road</i>
12:00 PM - 5:00 PM	Honey Show open for viewing <i>Campus Center, 10th Floor, Amherst Room</i>
8:30 - 8:45 AM	Conference Updates – <i>Eloise Naylor</i> , EAS Chair & <i>Mary Duane</i> , EAS President <i>Student Union Ballroom</i>
8:45 - 9:35 AM	Hambleton Award Winner – Dr. Michael Simone-Finstrom : <i>Harnessing Genetic Tools to Combat Honey Bee Stressors</i> <i>Student Union Ballroom</i>
9:35 – 10:05 AM	30 Minute Break and Snacks Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor
10:05 - 11:35 AM	 Dr. Judy Wu-Smart : Investigating Persistent Bee-Kills from Systemic Pesticide Pollution and Implications for Beekeepers <i>Student Union Ballroom</i>
11:40 AM – 12:40 PM	Life Member Luncheon <i>(Open to Life Members who have pre-registered and paid in advance)</i> <i>Campus Center, 11th Floor, Marriot Room</i>
11:30 AM - 1:00 PM	Lunch and free time to visit vendors <i>Lunch on your own and available at the Worcester Common, or at the Food Court in the Campus Center, 2nd floor</i> <i>Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st floor</i>

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THURSDAY, AUGUST 3: AFTERNOON

2:00 - 4:00 PM	Children's Program: Session Two <i>Campus Center, Room 168</i>				
1:00 - 5:15 PM	New England Apiaries – 2 nd Tour <i>Bus pickup and drop-off at the Campus Center Bus Stop on North Pleasant Street</i>				
	 <p>"PRESENT"</p> <p>ROOM S140 Integrative Learning Center</p>	<p>BEE HEALTH 1:00-2:50 PM Student Union Ballroom</p> <p>3:20-5:10 PM ROOM 174 Campus Center</p>	<p>BEE BEHAVIOR</p> <p>ROOM S331 Integrative Learning Center</p>	<p>QUEEN BREEDING/REARING</p> <p>ROOM 163 1ST Floor Campus Center</p>	<p>EAS Apiary</p> <p>South Lawn of Campus Center <i>(Unless otherwise noted)</i></p>
1:00 - 1:50 PM	<p>The BeeMD <i>Dr. Dewey Caron</i></p>	<p>Chemistry Behind Feeding Bees <i>Bob Binnie</i></p>	<p>The Dynamics of Honey Bee Flight and Sexual Reproduction <i>William Hesback</i></p>	<p><i>Practical Considerations of Genetics in Your Hives</i> <i>Megan Denver</i></p>	<p>Bee Lining Workshop (2 hrs) <i>(Must be pre-registered and paid in advance)</i> <i>Dr. Tom Seeley</i></p>
1:50 - 2:00 PM	10 Minute Break/ Transfer Time				
2:00 - 2:50 PM	<p>Examining New Legal Developments with Oxalic Acid and Other Miticides <i>Dr. David Peck</i></p>	<p>20 Years of Commercial Beekeeping Without Treatment of Any Kind <i>Kirk Webster</i></p>	<p>Promoting Bee Behaviors to Improve Honey Bee Health <i>Dr. Michael Simone-Finstrom</i></p>	<p>Breeding for Low Varroa Growth (LVG) at the HBRC <i>Paul Kelly</i></p>	<p>Bee Lining Workshop (continued) <i>(Must be pre-registered and paid in advance)</i> <i>Dr. Tom Seeley</i></p>
2:50 - 3:20 PM	30 Minute Break and Snacks Visit Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor				
3:20 - 4:10 PM	<p>Importance of Wild and Managed Bees for Sustaining Agricultural Food Production and Our Natural Ecosystems <i>Dr. Judy Wu-Smart</i></p>	<p>Keeping Bees Alive in a Parasite/Host Arms Race <i>Dr. David Peck</i></p> <p>ROOM 174 Campus Center</p>	<p>Evolution of Darwinian Beekeeping <i>Kirk Webster</i></p>	<p>The Mystery of Queen and Drone Reproductive Biology <i>Krispn Given</i></p>	<p>Is My Hive Queenright? Plus, Clues to Help Find the Queen <i>Don Hopkins</i></p>
4:10 - 4:20 PM	10 Minute Break/Transfer Time				
4:20 - 5:10 PM	<p>Update from Honey Bee Health Coalition <i>Dr. Dewey Caron</i></p>	<p>The influence of Colony Size on Behavior Immunity <i>Dr. Rachael Bonoan</i></p> <p>ROOM 174 Campus Center</p>	<p>Five Wonderous Behaviors of Honey Bees <i>Dr. Tom Seeley</i></p>	<p>Backyard Queen Rearing <i>John Gaut</i></p>	<p>General Q&A – Any Topic <i>Don Hopkins & Jennifer Keller</i></p>
5:15 PM	The Beekeeper's Corner Podcast , Kevin Inglin & Bob Kloss, Campus Center, Room 163				
5:25 – 6:00 PM	Gentle Yoga – Bridgett J. Wilson <i>Campus Center, First Floor – See Waggle for room allocation</i>				
6:00 PM	Happy Hour <i>Student Union Ballroom</i>				
6:30 PM	Dinner, Live Auction and Honey Show Silver Awards <i>Student Union Ballroom</i>				

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FRIDAY, AUGUST 4: MORNING

6:30 - 7:30 AM	Zumba – Erin Evans (MacGregor-Forbes) <i>Campus Center South Side Patio (Rain location in auditorium)</i>
7:30 - 8:30 AM	Master Beekeeper Annual Meeting <i>Campus Center, Hadley Room, 10th Floor</i>
7:30 AM – 10:00 AM	Registration <i>Campus Center, 1st Floor Lobby</i>
8:00 AM - 3:00 PM	Honey Show Open for Viewing <i>Campus Center, 10th Floor, Amherst Room</i>
8:30 - 8:45 AM	Conference Updates – <i>Eloise Naylor, EAS Chair & Mary Duane, EAS President</i> <i>Student Union Ballroom</i>
8:45 - 9:35 AM	Morse Award Winner – Krispn Given, Purdue University : Prospects for Increased Resistance to Varroa <i>Student Union Ballroom</i>
9:35 - 9:45 AM	10-minute break – speaker setup
9:45 - 11:15 AM	 Dr. Samuel Ramsey: What's Next? <i>Student Union Ballroom</i>
11:15 - 11:45 AM	30 Minute Break – Snack and Last Chance to Visit Vendors <i>Vendor Exhibiting Area in the Campus Center Auditorium, 1st Floor</i>
11:45 - 12:00 PM	Maryland EAS 2024 Conference Introduction – <i>David Morris</i> EAS President Elect <i>Student Union Ballroom</i>
12:00 - 1:00 PM	EAS Annual Business Meeting <i>Student Union Ballroom</i>
12:00 AM - 1:00 PM	Lunch <i>Lunch on your own and available at the Worcester Common, or at the Food Court in the Campus Center, 2nd floor</i> <i>Vendors in the Vendor Exhibiting Area in the Campus Center Auditorium, 1st floor</i>
12:00 - 1:30 PM	Bi-Monthly NE (+NY) Honeybee Update – <i>Dr. Kim Skyrn and Apiary Inspectors</i> <i>Integrative Learning Center Room 331</i>

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FRIDAY, AUGUST 4: AFTERNOON

1:00 - 3:00 PM	Honey Show Open for Viewing <i>Campus Center, 10th Floor, Amherst Room</i>			
1:00 – 4:00 PM	Using Honey and Other Healthy Ingredients to Bake Nutritious Desserts <i>(Must be pre-registered and paid in advance)</i> <i>UMass Master Chef, Pamela Adams</i> <i>Worcester Commons Dining Building Bakery</i>			
3:00 - 5:00 PM	Post-Honey Show Pickup of Entries <i>Campus Center, 10th Floor, Amherst Room</i>			
	 “BEEYOND” ROOM 168 Campus Center	BEEES FOR EDUCATION 1:00-2:50 PM Student Union Ballroom 3:20-5:30 PM ROOM S331 Integrative Learning Center	APITHERAPY ROOM 163 Campus Center	EAS APIARY South Lawn of Campus Center <i>(Unless otherwise noted)</i>
1:00 - 1:50 PM	UBeeO Assay - Pheromone-Based Tool for Determining Honey Bee Colony Pest and Disease Resistance <i>Dr. Kaira Wagoner</i>	Teaching Laypeople About Bees <i>Paul Kelly</i>	Drone Brood Homogenate: Everything You Never Knew You Needed to Know <i>Deborah Klughers</i>	Check Queen Cells Grafted on Tuesday <i>Jennifer Keller</i>
1:50 - 2:00 PM	10 min break/ transfer time			
2:00 - 2:50 PM	Climate Change <i>Dr. Deborah Delaney</i>	Establishing Teaching Apiaries <i>Dr. Judy Wu-Smart</i>	Apitherapy for Gut Health and Immunity <i>Dr. Nicole Klughers</i>	How to Prepare Hives for Moving – Discussion of Options <i>Don Hopkins</i>
2:50 - 3:20 PM	30 Minute Break and Snacks <i>In the Courtyard</i>			
3:20 - 4:10 PM	Advancing Technologies to Combat Honey Bee Viruses Through Breeding and Antiviral Treatments <i>Dr. Michael Simone-Finstrom</i>	Teaching Beekeeping as a Tool to Relieve Poverty <i>Megan Denver</i> ROOM S331 Integrative Learning Center	Value Added Products from the Hive for Health and Wealth <i>Deborah Klughers</i>	Demonstration of Tool to Assess Colony Hygienic Behavior <i>Dr. Kaira Wagoner</i>
4:10 - 4:20 PM	10 min break/ transfer time			
4:20 - 5:30 PM	Speaker Panel – Thoughts on the Future of Beekeeping – <i>Dr. Samuel Ramsey, Dr. Judy Wu-Smart, Dr. Kim Skyrn, Dr. Michael Simone-Finstrom, Krispn Given, Bill Crawford</i> <i>ROOM S331, Integrative Learning Center</i>			
5:30 - 6:00 PM	Free Time			
6:00 PM	Happy Hour - <i>Student Union Ballroom</i>			
6:30 - 9:00 PM	Awards Banquet and Dinner – Guest Speaker: <i>Dr. Samuel Ramsey</i> <i>Student Union Ballroom</i>			