

**SUNDAY August 12<sup>th</sup> Registration Open 4:00 pm-7:00 pm**

EAS SHORT COURSE MONDAY August 13, 2018 <span style="float: right;">(Subject to Changes)</span>						
<b>6:00– 7:00</b>	Yoga for Beekeepers ( <i>Pam Lavelle</i> ) in front of business center 1 <sup>st</sup> floor convention center (bring a mat if you have one)					
<b>7:30-4:00</b>	<b>Registration</b> (Main Lobby Convention Center 1 <sup>st</sup> floor)					
<b>Location</b>	<b>Conf. Room AB</b>	<b>106-107</b>	<b>108-109</b>	<b>102-103</b>	<b>APIARY</b>	<b>Conf. Rm. D</b>
	<b>Electronic Colony Monitoring</b> <i>(Frank Linton)</i>	<b>BEGINNER</b> <i>(Jennifer Tsuruda)</i>	<b>INTERMEDIATE</b> <b>Protecting Bees &amp; Honey</b> <i>(Keith Tignor)</i>	<b>ADVANCED</b> <b>BEEs as BUSINESS</b> <i>(Freddy Proni)</i>	<b>APIARY</b>	<b>Master Beekeeper</b>
<b>8:30-9:25</b>	Colony Monitoring: An Overview <i>Frank Linton</i>  Hive monitoring for Hobbyists <i>Rafael Cabrera</i>	Getting Started with Bees <i>Erin Forbes</i>	Integrated Pest Management (IPM) <i>Dewey Caron</i>	The Business of Bees <i>Kim Flottum</i>	SET UP	
10 min transfer time						
<b>9:35-10:30</b>	<i>Demonstrations &amp; Poster Sessions</i>  Citizen Science with Homemade Solar Hive Scales <i>Andrew Wootton</i>	Bee Biology Basics <i>Bill Hesbach</i>	Protecting bees from Pesticides: Beekeeper Interventions <i>James Wilson</i>	Setting Up a Successful Serious Sideliner Honey & Honey Product Business <i>Frank Licata</i>	SET UP	
30 Minute Break (Upper lobby convention center 2 <sup>nd</sup> floor)						
<b>11:00-12:00</b>	Hive Tracks: A Matter of Record <i>James Wilkes</i>  Electronic Hive Monitoring: Sensor Synergy <i>Huw Evans</i>	What do you see? Reading Frames <i>Landi Simone</i>	State Pollinator Protection Plans: What Beekeepers Need to Know <i>Michelle Colopy</i>	Advancing Technology for Integrated Precision Apiculture: Tools to Manage Honey Bee Health & Performance <i>Dick Rogers</i>	Lowering stress working the colony <i>Billy Davis &amp; Sustainable Honey Bee Program</i>  Finding Queens <i>Friends &amp; Co.</i>	
<b>12:00- 1:30</b>	<i>Electronic Colony Monitoring Posters on View (Open to All)</i>	<i>Boxed Lunch (ticket required) in Upper lobby convention center 2<sup>nd</sup> floor (Room 104- 105 available for seating)</i>				

**EAS SHORT COURSE MONDAY August 13, 2018  
AFTERNOON**

*(Subject to Changes)*

<b>Location</b>	<b>Conf. Room AB</b>	<b>106-107</b>	<b>108-109</b>	<b>102-103</b>	<b>APIARY</b>	<b>Conf. Rm. D</b>
<b>Theme</b>	<b>Electronic Colony Monitoring</b> <i>(Frank Linton)</i>	<b>BEGINNER</b> <i>(Jennifer Tsuruda)</i>	<b>INTERMEDIATE</b> <b>Protecting Bees &amp; Honey</b> <i>(Keith Tignor)</i>	<b>ADVANCED</b> <b>BEES as BUSINESS</b> <i>(Freddy Proni)</i>	<b>APIARY</b>	<b>Master Beekeeper</b>
<b>1:30-2:25</b>	EyesOnHives: Robots Measuring Health <i>Kelton Temby</i>  Internet of Bees: Bee Counting (IOBee) <i>Huw Evans</i>	Feeding Bees <i>Ann Harmon</i>	Processing and Selling Honey: Food Safety & Labelling <i>Pam Miles, VDACS</i>	From Passion to Profession: Strategies for the Stationary Beekeeper <i>Freddy Proni</i>	How is She Doing? Colony Assessment <i>Bob Wellemeyer</i>	MB Meet & Greet
10 min transfer time						
<b>2:35-3:30</b>	Got brood? <i>Rich Morris, Theo Hartmann</i>  Spatial & Temporal Variations of Hive Temperature <i>Jeffrey Groff</i>	Keeping Bees in Populated Areas: Be a Good Neighbor <i>Landi Simone</i>	Pests and Diseases <i>Keith Tignor</i>	Selling your Honey: Getting Started <i>Phil Craft</i>	Sugar Shake Testing for Varroa <i>Lewis Cauble</i>	MB Candidate Q & A Session
<b>3:30-4:00</b>	30-minute Break (Upper lobby convention center 2 <sup>nd</sup> floor)					
<b>4:00-5:00</b>	The Genius Hive <i>Joseph Cazier</i>  Continuous Beehive Weight & Temp. Data: Long term & Same Day Changes <i>William Meikle</i>	Mites, Monitoring, and Miticides <i>Lewis Cauble</i>	Field Watch: Improving Stewardship & Communication Through the Use of Mapping Systems <i>Bob Walters</i>	Open Forum Bees as Business Q&A <i>Fred Proni, Kim Flottum &amp; friends</i>	Smoker Lighting Tips & Tricks <i>Jim Fraser</i>	MB Candidate Q & A Session
<b>6:30</b>	<b>St. George's Brewing Company Tour 204 Challenger Way, Hampton, VA Tours start at 6:30 (Open to All)</b>					
<b>7:00-9:00</b>						MB Study Groups

**EAS 2018 SHORT COURSE TUESDAY, August 14, 2018**

*(Subject to Changes)*

<b>6:00-7:00</b>	Yoga for Beekeepers ( <i>Pam Lavelle</i> ) in front of business center 1 <sup>st</sup> floor convention center (bring your own mat if you have one)							
<b>7:30 – 4:00</b>	<b>Registration (Main Lobby Convention Center 1<sup>st</sup> floor)</b>							
<b>Room</b>	<b>Conf. Room AB</b>	<b>106-107</b>	<b>108-109</b>	<b>102-103</b>	<b>APIARY</b>	<b>211</b>	<b>201-202</b>	<b>Ballroom EFG</b>
<b>Theme</b>	<b><u>Queen Rearing</u></b> <i>(Dan Conlon &amp; RHBA Russian Honey Bee Breeding Assn)</i>	<b><u>BEGINNER</u></b> <i>(Jennifer Tsuruda)</i>	<b><u>Intermediate Colony Structure &amp; Hive Styles</u></b> <i>(Keith Tignor)</i>	<b><u>Excellence in Honey &amp; Hive Products</u></b> <i>(Karla Eisen, George Wilson)</i>	<b><u>Apiary</u></b>	<b><u>Master Beekeeper</u></b>	<b><u>Honey Show</u></b>	<b><u>VENDORS</u></b>
<b>8:30-9:25</b>	Topics: *History & Structure of RHBA Breeding Program *Queen Rearing Process *Mating Queens, Yards & Drone Diversity *Selecting Breeder Stock *Russian Bee Management *Russian Bee Myths, Comparisons to Italians, Hybrids *Using Russian Bees in Commercial Operations	Seasonal Management of the Colony <i>Bill Hesbach</i>	Nest Structure <i>Keith Tignor</i>	Pursuing Excellence in the Craft: Why We Do It <i>George Wilson &amp; Mike Palmer</i>  History of Honey Shows <i>Michael Young</i>	Who's Zooming Where? Morning Observations in the Apiary <i>Erin Forbes</i>	MB Written Test (until 12:30) Room 208  MB Oral Tests Rooms 209, 210	CLOSED	Vendor Set Up
<b>9:35-10:30</b>	10 min transfer time							
	Understanding Swarming <i>Cindy Bee</i>	Top Bar Hives <i>Wyatt Mangum</i>	Excellence in Extracted Honey <i>Mark Fiegl</i>	Sugar Shake Testing for Varroa <i>Lewis Cauble</i>				
<b>10:30-11:00</b>	30 Minute Break (Ballroom EFG)							VENDORS OPEN
<b>11:00-12:00</b>	Queen Rearing & Russian Breeding cont. <i>RHBA members</i>	Managing for Honey Production <i>Jim Fraser</i>	Langstroth & Long Box Hives <i>James Wilson, Keith Tignor</i>	Comb Honey Production <i>Mike Palmer</i>	Managing Small Hive Beetle <i>Jen Keller</i>			

<b>12:00 -1:30</b>	<i>Boxed Lunch (ticket required) Upper lobby convention center 2<sup>nd</sup> floor (Room 104- 105 is available for seating)</i>							
<b>EAS 2018 SHORT COURSE TUESDAY, August 14, 2018 AFTERNOON</b>								
<b>Room</b>	<b>Conf. Room AB</b>	<b>106-107</b>	<b>108-109</b>	<b>102-103</b>	<b>APIARY</b>	<b>211</b>	<b>201-202</b>	<b>Ballroom EFG</b>
<b>Theme</b>	<b><u>Queen Rearing</u></b> <i>(Dan Conlon &amp; Russian Honey Bee Breeding Association)</i>	<b><u>BEGINNER</u></b> <i>(Jennifer Tsuruda)</i>	<b><u>Intermediate Colony Structure &amp; Hive Styles</u></b> <i>(Keith Tignor)</i>	<b><u>Excellence in Honey &amp; Hive Products</u></b> <i>(Karla Eisen, George Wilson)</i>	<b><u>Apiary</u></b>	<b><u>Master Beekeeper</u></b>	<b><u>Honey Show</u></b>	<b><u>VENDORS</u></b>
<b>1:30-2:25</b>	Queen Rearing & Russian Breeding cont. <i>RHBA members</i>	Tips, Common Mistakes & Other Wisdom <i>Cindy Bee</i>	Observation Hives <i>Frank Linton</i>	Candles & Wax Tips & Tricks <i>Bob Wellemeyer</i>	<b>CLOSED</b> Queen Rearing track attendance only	MB Oral Tests Rooms 208, 209, 210	Closed	OPEN
10 min transfer time								
<b>2:35-3:30</b>	Queen Rearing & Russian Breeding cont. <i>RHBA members</i>	Nucs and Splits <i>Erin Forbes</i>	Warre Hives <i>Tucka Saville</i>	Judging Mead <i>George H. Wilson &amp; Michael Young</i>	Top Bar Hives <i>Wyatt Mangum</i>			
<b>3:30-4:00</b>	30 Minute Break (Ballroom EFG)			EVALUATIONS				
<b>4:00-5:00</b>	Queen Rearing & Russian Breeding cont. <i>RHBA members</i>	Hands On Mentoring <i>Buddy May</i>	Improved Success Overwintering with Reduced Nest Cavity <i>Doug Vinson</i>	Open Forum Q & A <i>Michael Young, Mike Palmer, Bob Wellemeyer. Karla Eisen moderator</i>	Warre & Other Hive Configurations <i>Tucka Saville</i>		Drop Off Honey Show Entries	
<b>6:30- Boat Boards</b>	Miss. Hampton II Sunset Cruise 710 Settlers Landing Rd. Hampton, VA 7-9 pm (Tickets required)							