

Monday July 8th 2019, Vendor Area Opens at 7:30 am										
8:30 am Conference Opens Welcome and Opening comments John Benham HAS President Downing Student Center Auditorium										
Plenary Session 8:45-9:30 Dr. Juliana Rangel Posada, Texas A&M University The Effects Of Agricultural Pesticides On The Reproductive Quality Of Honey Bee Queens And Drones Downing Student Center Auditorium										
9:30-10:00	BREAK									
	Downing Student Union Classroom 3005 cap. 110	Downing Student Union Room 3007 cap. 100	Downing Student Union Classroom 3020 cap. 130	Downing Student Union Classroom 3023 cap.110	Downing Student Union Classroom 3024 cap. 140	Downing Student Union Lab Classroom 2124 cap. 72	Downing Student Union Rearing Lab Pre Registration Required Classroom 2123 cap.72	Queen Rearing Apiary	Apiary 1	Apiary 2
10:00- 10:50	Selecting for Behavioral Resistance to Varroa Destructor	Collecting Pollen	Mite Reproductive Biology	Processing Honey a Closer Look	Honey bee parasites the Good,Bad and the Ugly	Lecture: Nosema and Tracheal Mites do we need to be concerned	Queen Rearing Methods		Three Step Process To Control Varroa Mites	Hive Inspections
Presenter	Krispn Given	Harris Overholt	Dr. Zack Huang	Bob Binnie	Dr. Geoff Williams	Dr. Tom Webster	Michael Wilson and Greg Hunt		Mike Seib	Mike Studer
11:00-11:50	Women In Beekeeping	Second Year Beekeeping	Key Factors in Taking Advantage of Nectar and Honey flows	Pheromone Affects In The Hive	Honey Bee Behavior During the 2017 Eclipse	Dissection Lab: Tracheal and Nosema	Queen Rearing Methods (continued)		Double Screens	Making Nucs and Splits
Presenter	Dr. Tammy Horn Potter	John Benham	Dr. Clarence Collison	Randy Rolan	Jennifer Tsuruda	Dr.Tom Webster	Michael Wilson, Greg Hunt, Krispn Given		Joel White	Kent Williams
12:00-1:00	Lunch Break									
1:15- 2:00	Plenary Session: Geoff Williams, PhD, Auburn University: Bees and BMP's (Best Management Practices)									
2:10 - 3:00	Wintering Honey Bee Colonies: We're still learning how to help	Building A Honey House	Experiences of a Commercial Beekeeper	10 Mistakes All Beekeepers Make	Behavioral Ecology of Swarming	Beeswax Rendering	Make Mead Like A Viking	Preparing Cell Starter Colonies	Oxalic Acid Demo	Foul Brood Disease and Diagnostic Kit Demo
Presenter	Dr. Jim Tew	Charlie Parton	Bob Binnie	Randy Rolan	Dr. Juliana Rangel Posada	Debbie Seib	Jereme Zimmerman	Mike Wilson, Dr Greg Hunt and Krispn Given	Mike Seib	Mike Studer TN Aparist
Break 3:00-3:30										
3:40-4:30	Marketing and Having A Web Presence	Pollen Collection	How transportation and relocation affect your bees	The Importance of Quality Queens	Creating a Pollinator Paradise	Making Beeswax products	Make Mead Like A Viking	Preparing Cell Starter Colonies	Double Screens	Moving Bees: For The Hobbyist Beekeeper
Presenter	Barry Richards	Harris Overholt	Dr. Zack Huang	Dr. Clarence Collison	Dr. Jennifer Tsuruda	Debbie Seib	Jereme Zimmerman	Mike Wilson, Krispn Given and Dr. Greg Hunt	Joel White	Larry Stone
Evening Events?										

Tuesday July 9th 2019 : Vendor Area Opens 7:30 am

8:30 am - Downing Student Center Auditorium
 Welcome, opening comments
 John Benham - HAS President

8:45 am - 9:30 am
 Dr Jennifer Tsuruda University of Tennessee
 Protecting our Pollinators

BREAK										
Times	Downing Student Union Classroom 3005 cap. 110	Downing Student Union Classroom 3007 cap. 100	Downing Student Union Classroom 3020 cap. 130	Downing Student Union Classroom 3023 cap. 110	Downing Student Union Classroom 3024 cap. 140	Downing Student Union Classroom 2124 cap. 72	Downing Student Union Classroom 2123 cap. 72 Queen Rearing Lab	Queen Rearing Apiary	Apiary 1	Apiary 2
9:30-10:00	BREAK									
10:00-10:50	Selecting for Behavioral Resistance to Varroa Destructor	Mite Reproductive Biology	Honey Bee Health Coalition	Nectar Plants	Beekeeping in Urban and Agriculture Areas in the Midwest: Risks and Benefits	Lecture: Nosema and Tracheal are They a Problem	Drone and Queen Biology		Taking Mite Counts	Making Nucs and Splits
Presenter	Krispn Given	Zack Huang	Jerry Hayes	Jim Garrison	Dr. Reed Johnson	Dr. Tom Webster	Greg Hunt and Michael Wilson		Dr. Tammy Horn Potter	Kent Williams
11:00-11:50	Processing Honey a Closer Look	Pheromone Affects In The Hive	Honey bee parasites: The Good, the Bad, and the Ugly	Swarms and Swarm Control Bee Prepared to Lose	Biology Of Mating	Dissection Lab: Tracheal and Nosema	Drone and Queen Biology (Continued)		Moving Bees : For the Hobbyist Beekeeper	Three Step Process To Control Varroa Mites
Presenter	Bob Binnie	Randy Rolen	Dr. Geoff Williams	Dr. Jim Tew	Dr. Juliana Rangel Posada	Dr. Tom Webster	Greg Hunt, Michael Wilson and Krispn Given		Larry Stone	Mike Sieb
12:00 - 1:00	LUNCH BREAK - Downing Student Union Cafeteria									
1:15- 2:00				Plenary Session	Dr Reed Johnson PhD Ohio St University	Pesticides and Poisons In The Hive: An Overview of Bee Toxicology				
2:10-3:00	Women In Beekeeping	Second Year Beekeeping	Honeybee Nutrition	Creating a Pollinator Paradise	Bee Disease Diagnostics'	Making Beeswax Candles	Grafting	Remove Frames to Be Grafted	Oxalic Acid Demo.	Foulbrood Disease and Diagnostic Kit Demo.
Presenter	Dr. Tammy Horn Potter	John Benham	Jerry Hayes	Dr. Jennifer Tsuruda	Dr. Jay Evans	Jim Garrison	Krispn Given, Michael Wilson and Greg Hunt		Mike Seib	Mike Studer TN Aparist
3:00-3:30	BREAK									
3:40-4:30	Importance of Quality Queens	Building A Honey House	Experiences of a Commercial Beekeeper	Treatment Free Beekeeping	Wintering Honey Bee Colonies-- We're Still Learning How to Help	Making Beeswax Candles	Continue Grafting	Place Grafts in Cell Starters	Techniques For Finding The Queen	Queen Rearing For The Backyard Beekeeper
Presenter	Dr. Clarence Collison	Charlie Parton	Bob Binnie	John Gunter	Dr. Jim Tew	Jim Garrison	Krispn Given, Michael Wilson and Greg Hunt		Larry Stone	Kent Williams
Evening Activities										

Wednesday, July 10th, 2019 Vendor Area Opens 7:30 am

8:30 am - Downing Student Center Auditorium
 Welcome, opening comments
 John Benham - HAS President

8:45 am - 9:30 am Dr. Jay Evans PhD UDSA Lab
 Searching For A Cure For Bee Disease

BREAK

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	Downing Student Union Classroom 3005 cap. 110	Downing Student Union Classroom 3007 Cap. 100	Downing Student Union Classroom 3020 cap. 130	Downing Student Union Classroom 3023 cap. 110	Downing Student Union Classroom 3024 cap. 140	Downing Student Union Classroom 2124 cap. 82	Downing Student Union Classroom 2123 Queen Rearing Lab cap. 82	Queen Rearing Apiary	Apiary 1	Apiary 2
10:00 - 10:50	Key factors in Taking Advantage of Nectar/Honey flows	Nectar Plants	Honeybee Nutrition	Nectar Plants	Beekeeping in Urban and Agriculture Areas in the Midwest: Risks and Benefits	Rendering Beeswax	Honey Extraction and Bottling For Beginners	Check Cells For Acceptance	Taking Mite Counts	Queen Rearing For The Backyard Beekeeper
Presenter	Dr. Clarence Collison	Jim Garrison	Jerry Hayes	Jim Garrison	Dr. Reed Johnson	Debbie Seib	Joe Taylor	Queen Rearing Crew	Dr. Tammy Horn Potter	Kent Williams
11:00 - 11:50	Marketing Your Honey and Having a Web Presence	Treatment Free Beekeeping	Creating a Pollinator Paradise	10 Mistakes all Beekeepers make	Bee Disease Diagnostics	Beeswax Products	Honey Extraction and Bottling For Beginners	Check Cells For Acceptance	Hive Inspections	Techniques For Finding The Queen
Presenter	Barry Richards	John Gunter	Jennifer Tsuruda	Randy Rolan	Dr. Jay Evans	Debbie Seib	Joe Taylor	Queen Rearing Crew	Mike Studer TN Aparist	Larry Stone
12:00 - 1:00	LUNCH BREAK									
1:15-2:00				Plenary Session	Jerry Hayes Confirmation Bias					
Closing Remarks, Raffle Drawing										