



## Blowing Smoke

By Bob Williams, President

March Madness is here, with the rush to get your equipment cleaned up, repaired and ready for the coming season. I know that Beekeeping is a year round activity, but many of us slack off a bit during the winter months, and then we scramble to catch up. Hopefully you have been monitoring their food stores, and feeding when necessary, or maybe putting on fondant or hard candy, just to make sure they have plenty of food stores to last until the nectar starts to flow. With the mild and warm weather that we have been having, you should be getting into your hives and make sure you have a laying queen and checking your mite load to see if you might need to treat. You might also want to put unscented swiffer sheets on your top bars to control hive beetles. The more you get rid of now, the better off your bees will be. We use the Walmart brand, much cheaper!!



Shelby Copeland



Amelia Schneider

At the February Meeting, there were presentations made by two Scholarship Students, Shelby Copeland and Amelia Schneider. They spoke about their experiences with the bees, good and the bad. Well done ladies!! Certificates of Ownership were presented to Shelby Copeland and Seth McGraw, by Cathy Misko, 2016 Youth Scholarship Chair. Folks from the "Caleb Project" also gave a presentation on the progress of the "project" since it was started. They also gave high praises to Cathy Misko and the Midwestern Beekeepers Association for starting the Youth Scholarship Program.



The Caleb Project, Sarah, Dave and Fred From Harvest Home.

On Saturday, February 25<sup>th</sup>, Midwestern Beekeepers Association held their 22<sup>nd</sup> Annual Beginning Beekeepers

Workshop at Burr Oak Woods Nature Center. I would like to thank the folks from Burr Oak Woods, especially Lisa McComb, for their courtesy, cooperation and professionalism in helping us make this workshop a success!! Many thanks to the presenters and volunteers who all did an amazing job. Their names are Janice Britz, Ezekiel A. Amador III, Tom Britz,, Steve DeCaigney, Debbie DeCaigney, Seth McGraw, Stuart Dietz, Nita Dietz, Bruce Bird, Wes Johnston, Connie Unzicker, Diane Wilson, Jim Connell, Cindy Connell, Kyle Day, Michelle Williams, Lenora Woosley, Terry Wright, Harold Wright, John Martin, Becky McGraw, David McGraw, Dean Sanders, Tyler Boss, Kent Boss, and Bev Hayes.



Kent & Tyler Boss

Thanks also to Kent And Tyler Boss for making and donating the cedar hive that was

raffled, benefiting the Youth Scholarship Program. They raised \$387. Thanks to our area vendors, Robert and Linda Hughes of Jordy's Honey (913)681-5777 and Bill and Tammy George of Crooked Hill Beekeeping, LLC (660)214-0132 for making equipment and supplies available to the new beekeepers. I have spoken with both of these suppliers, and they tell me that they still have packages of bees available. Need bees? Give them a call.

A special thank you to Janice Britz and Cindy Connell, whose hard work and organizing skills helped make this workshop a success. At the March 19<sup>th</sup> General Meeting we will have a demonstration on installing package bees and we will have some folks bringing in their homemade beekeeping "gadgets" and hive parts. We will also have a general discussion on bees. Come join us, it'll be fun!!!



Ezekiel Amador III



# Library News

By John Martin

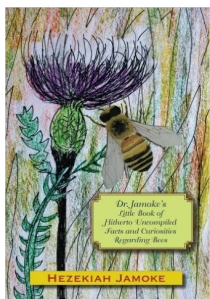


# March General Meeting

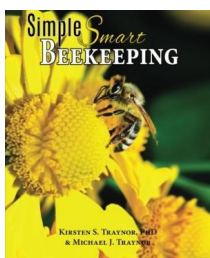
Sunday, March 19, 2017

Bass Pro Shop at Independence MO

New books available to be checked out:



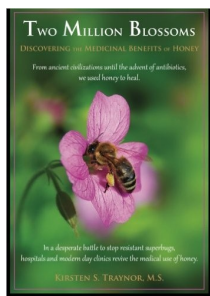
Dr. Jamoke's Little Book of Hitherto Uncompiled Facts & Curiosities  
Hezekiah Jamoke



Simple Smart Beekeeping  
Kristen Shoshanna



Beeswax Alchemy, How To Make Your Own Soap, Balms, Creams & Salves  
Petra Ahnert



2 Million Blossoms Discovering Medical Benefits of Honey  
Kirsten S. Traynor

To check out books; View the list at <http://www.midwesternbeekeepers.org/library/>

You can copy and paste or write down book number from left column and title; and email John Martin [jmartin98@comcast.net](mailto:jmartin98@comcast.net) Books will be delivered at the next General Meeting.

2:00 PM

Q & A Session for Beginners  
Installing Package Bees Demonstration

2:30 PM

DIY Beekeeping "Gadgets" & Hive Parts  
General Beekeeping Discussion



Tickets will be available for the complete hive that will be given to the lucky winner at the May General Meeting

Tickets are one for \$3 or two for \$5

Tyler Boss, Youth Scholarship Student, and his family built this cedar hive set to benefit the Midwestern Beekeepers Youth Scholarship Program. The hive includes: Screened bottom board, 2 deep hive bodies, 2 supers, Feeder and Outer Cover.



Community America Credit Union Transactions for the Month of January 2017	
Bank Balance as of December 31, 2016	<b>\$ 10,507.53</b>
Total Receipts Deposited	<b>2,973.23</b>
Total Expenses Paid (-\$ 564.01 Pending)	<b>-1,389.55</b>
Interest on Savings & Checking Account	<b>.42</b>
Bank Balance as of January 31, 2017	<b>\$ 12,091.63</b>

A complete report is available under the member's area on the website.



Debbie DeCaigney, Bruce Bird, and Jim and Cindy Connell teaching at the Beginning Beekeepers workshop held February 25 at Burr Oak Woods Nature Center.

# Basic Beekeeping

By Kyle Day



March 1st marks the beginning of spring build up. Even though your bees have been raising brood most of February, the numbers were small (if you let things happen naturally). The bees will not raise a lot of brood during early to mid-February because they will not risk losing brood by raising more than they can handle. The weather will get a little warmer and the bees will be out more and there will be more pollen available if the weather will work with us. This is usually the first month you can actually open the hive and pull frames.

If you don't have your bees yet then this month is the month to get everything prepared. Start working on where you want your bees and get the Apiary set up. Make sure you have all your gear ready to go, talk to other beekeepers, find a mentor or people you can ask for help as needed. Watch videos and decide which method you want to use to install your bees.

The to-do list for March is always getting bigger. If you plan on planting spring flowers you may want to go ahead and order them so you can have them planted as soon as possible. If the weather is permitting (high 60s to 70s), you will need to be making a full hive inspection: check for eggs, laying pattern, and number of brood frames (frames that are mostly filled with eggs, larva, or capped brood). Since the hive numbers are low, there is a good chance of seeing your queen. While it's not important if you see her, you want to see evidence of a queen.

During this first hive inspection, keep a record of what you see. Determine how many frames you need to replace (bad or old comb, broken frame sides) so you can come back on your next inspection and replace them. Also, if all the bees and frames of eggs are in the top box it would be a good idea to reverse your brood boxes. Put the box with the brood on the bottom. But you need to make sure the brood doesn't get split up into each box. It is a good idea to move empty comb and capped honey above the nest because the bees usually move up not outward. If you reverse your hive bodies make sure all your brood is in one box. If you split it up the bees will not be able to take care of all of the brood and some will die.

Feeding allows maximum increases for a heavy work force of mature bees ready for the April nectar flow. If you do some bee math the eggs you see in your hive on the first inspection are your future bees and won't be flying for 5 or 6 weeks. If you decide to feed syrup 1:1 or 2:1 (water to sugar), you need to make sure the day and night time temperatures are above freezing. Also, don't feed too much because that will cause swarming problems in April. March is a key month to get your hives going in a good direction and try to stay ahead of them so their development does not get slowed down. This month is the first month you can really get into your hive and get the dust off of the hive tool and smoker. In just a couple weeks to a month we will be in the full swing of this bee season.

Always remember there are a bunch of beekeepers in our association that are willing to help. If you need help just contact a board member to ask questions or to find a beekeeper in your area. You can also contact me directly at

[kyle.day.1999@gmail.com](mailto:kyle.day.1999@gmail.com). Don't forget to be prepared for this season or you will be behind in a couple months. The bees won't wait for the beekeeper.



## Membership

Welcome

New Members

By Terry Wright



- Ralph Dickinson  
Blue Springs, MO
- Phillip Duncan  
Harrisonville MO
- Kathy Glidewell  
Greenwood MO
- Jon & Martin Hansen  
Belton MO
- John Jones  
Overland Park KS
- Randall Lary  
Smithville MO
- Jutta Lipsky  
Holt MO
- Amanda Porschen  
Kansas City MO
- James Reeves  
Blue Springs MO
- Albert Rudd Jr  
Independence MO
- Arthur & Linda Stevenson  
Kansas City MO
- Lewis Vandeventer  
Bates City MO
- Mark Young  
Kansas City MO



## Honey Plants

By Luanne Oneal

## Jennifer Berry

By Cathy Misko



Photo by Luanne Oneal  
Taken on Sunday, March 9, 2014

Monday, March 20<sup>th</sup> 2017 5:28 AM marks the Spring Equinox for us in the Northern hemisphere. Winter is slowly giving way to longer days and inconsistently warmer temperatures. BBK-Before Bee Keeping- I was aware of the subtle anticipated changes of coming spring like the scent of thawing earth, daylight beyond supper and an occasional evening out on the back deck. Another familiar harbinger of spring, seed catalogs. I thumb through the catalogs in search for seed, food for my family

and now as a beekeeper, food for them as well.

A resource I've put to use this planning season is, Garden Plants by Peter Lindtner. This is a detailed month to month guide (February-November) of plants the honey bee can use. Of special interest are pages 389-390 where the author lays out a plan for "Suggested Bee Pasture".

In tandem with Mr. Lindtner's book, I have made use of the George O. White State Forest Nursery 2016-2017 Seedling Order Form put out by Missouri Dept of Conservation. Orders are accepted thru April 15. Visit [mdc.mo.gov/seedlings](http://mdc.mo.gov/seedlings) for more information.

A few seedlings I plan on purchasing this year for early nectar/pollen sources are:

**American Hazelnut**--pollen, no nectar. (February)

**Witch Hazel**--both pollen and nectar (February)

**Persimmon**--some pollen, good nectar source (depending on where you are located bloom time April-June).

**Washington Hawthorn**, also offered by MDC, offers substantial amounts of pollen/nectar in June. Mr. Lindtner describes the Hawthorn flowers, "white with unpleasant odor". Hmm-to order or not to order; I'm curious how this "odor" affects the honey flavor. If you have experience with the Hawthorn, I hope you will let me know.

If you are fortunate to have Spicebush, Pussy Willow or American elm near your apiary the bees will soon be busy working these over.

Wes & Wanda Johnston were presented with the 2016 Beekeeper of the Year trophy at the February 19th General Meeting. Also presented was a Certificate of Appreciation to Cathy Misko as the outgoing Youth Scholarship Chair.



**Jennifer Berry**, Apicultural Research Coordinator and Lab Manager for the University of Georgia

Honey Bee Program, has been working with Keith Delaplane and researching



for over 15 years with the University of GA. Her research covers focus "on improving honey bee health, the sub-lethal effects of pesticides on beneficial insects and IPM techniques for varroa and small hive beetle control." She manages *Honey Pond Farm*, her own queen / nuc rearing business and is contributing author for *Bee Culture* and other major periodicals. Jennifer served as 2006 President of the Eastern Apicultural Society, and oversees the UGA Honey Bee Program/GA Master Beekeeper Program. She has outreached in Central and South America providing beekeeping to women and young teens to benefit their lives. Jennifer aided in the birth of the Georgia Beekeeping Prison Program. <http://www.ent.uga.edu/bees/personnel/berry.html> For those who have attended one of Jennifer's lectures in the past, it is agreed that Jennifer has unlimited expertise and a sense of humor to match none!

## 2017 Youth Scholarship Recipients

Three youth applied and were granted awards from the Youth Scholarship Program.

Will Pryor, Age 15, of Pleasant Hill, Missouri, was awarded the Youth Scholarship award. Gayle Pryor is his mother. Will's mentors are Tom and Janice Britz.

Jacob Runyon, Age 11, of Holden, Missouri was also awarded the Youth Scholarship award. His parents are Nathan and Jamie Runyon. Jim and Cindy Connell are Jacob's mentors.

Kayley Lager, Age 16, of Conception Junction, Missouri, was awarded the Apis Award. Her mother is Cassey Wymore. Erin Mullins is mentor to Kayley.

Congratulations to Will, Jacob and Kayley!



Certificate of Ownership Awards were presented to 2015 Scholarship Recipients Shelby Copeland and Seth McGraw at the February 19th General meeting. Also presented was the Mastery Award to The Caleb Project, Sarah, Dave and Fred from Harvest Home.

## 2017 Midwestern Youth Scholarship History and News

By Cathy Misko

Midwestern's Youth Scholarship Program was birthed after 2011 North American Beekeeping Federation's challenge "to get bees into families that might not have an opportunity."

The nation's first Youth Scholarship Program can be traced to Texas' Williamson Beekeepers and Concho Valley Beekeepers; via John Talbert, the Collin County Hobby Beekeepers tweaked and hosted their first program 2000. Our program grew from the Texas programs. Worth noting, it is from the TX youth scholarship program that nationally known speaker and commercial beekeeper Blake Shook got his start. One never knows the positive impact when investing in the youth -our future citizens, researchers, voters, beekeepers, teachers etc. Midwestern's Program has been tweaked repetitively and after proven success...voted to include in MBA Bylaws (2013).

In 2012 we awarded our first four students and as of 2017, Midwestern has award 39 awards! Thanks goes to Joli Winer who encouraged the board to go "all the way" and embrace the "full meal deal" award with an estimated value of bees and equipment totaling \$500 per Youth Scholarship Award. Our program is successful because of the generous support from YOU the members and suppliers; I can not be more proud to have served as the YSP Chair 2011-2016. There is tremendous reward when investing in others especially our youth. From my whole heart I thank you for giving me such a fulfilling opportunity. Now with great honor and appreciation I applaud Nita Dietz for stepping up to serve as your new 2017 Youth Scholarship Chair. May Nita be greatly rewarded! Hap-Bee Beekeeping, Cathy Misko

**BIG Appreciation** to Chabad House and the University of Missouri Extension (Tom Fowler and Tim Baker) for their combined generous donations of \$600 to the YSP. Beekeepers who contributed their time in outreach and teaching classes earning such donations are: Anna Johnson, Kyle Day, Shelby Copeland, Stuart and Nita Dietz, Doug Pontious, Matt Winstead, Diane Wilson, Connie Unzicker, Steve Boxx, Michael Duncan, Bill and Tammy George, and Cathy Misko. Thank you Team!



Connie Unzicker & Diane Wilson





## 2017 North American Beekeeping Federation Conference, (NABFC) Part 2 of 3

By Cathy Misko, Heartland Beekeeping Partnership

Continuing on with NABFC nuggets of news...Research was presented by Megan Colwell, Nova Scotia, which pointed in the direction that bees not only pick up viruses through wax transmission but also like humans... through the air! Up coming work: is it possible to use “dirty wax” to boost immunity? Should stored combs be irradiated, treated with oxygen or UV light to kill viruses? Answers are yet to be discovered!

Dr. Geraldine Wright, UK, covered the importance and impact of “fats” in honey bees. She stressed that the different castes of bees have various fat needs. Some fats are essential and humans can not make them. Most plant species do not have all what bees need and some are even toxic. Bees need a variety to have a balanced intake of fat. Bees will regulate their intake of fat and can also metabolize animal protein. If they have too much fat they will eat more sucrose. High fat increases mortality and workers do not eat much fat. Fat is vital for fuel, brain function, and for winter “belly” storage. Omega 3 (like in fish or flax-seed oil) supports brain health while omega 6 (sesame seed oil) is detrimental. Brain function is vital to identify floral cues, location, and communication. Additionally, Geraldine claimed that pesticides accelerate poor learning and neonicotinoids act as an “addictive” drug enticing return forage. They eat it, get sick, eat less, but return for more. Israeli studies show that neonics tend to activate the neuro system releasing dopamine which is rewarding. During lab test it was shown that it takes bees three times to learn a skill. Me, three weeks!

The effects of temperature extremes on queens was present by Marta Guarna, Alberta, Can. This is important especially when shipping queens. Canada gets most of their bees and queens from the US. Temps higher than 104 F decreases the queen's survival and also decreases drone sperm. Temperature stress decreases sealed brood, increases supercedure, and lowers over all population and honey production. Lower than 41 F or higher than 104 F proves detrimental to the queen although the queen will not look any different upon examination. This information will help regulate shipping safety and installation timing. Soon one might see “shipping” sensors!

Priceless was a session with a panel of five true experts addressing Hive Viability: 1.) Zac Browning, 32,000 hives; Zac spelled out what a year looks like for a commercial pollinator beginning post honey flow....stressing that they must be flexible, learn to adapt, and have a yearly goal of 100% requeening. 2.) Chris Hiatt, 20,000 hives, VP American Honey Producers; As a commercial pollinator/honey producer, Chris encouraged to “buy out” another commercial business and inherit its contracts and beeyards, get to know local beekeepers and yards adding understanding when to get in and out of yards so to avoid yards during spraying, and finally focus to know growers and what are they using and when. Chris requeens 85% of hives and keeps extra queens available via nucs.

3.) Dr. Steve Pernal, Research Scientist Dept. of Ag, Canada; Dr. Pernal announced evidence of lower queen acceptance incidences, increased supercedes, and decrease of drone sperm. He strongly questions sub-lethal effects of pesticides 4.) Dr. Jeff Pettis, Retired 20 year Research leader USDA-ARS (BRL) Beltsville Lab, Zurich; Dr. Pettis stressed the fact that “forage” is key to healthy hives, and notes a 2/3 decrease in honey production and decrease in queen quality. Dr. Pettis blames harm from shipping temperatures and pesticides. Pettis proclaims increased supercedes with no results of successful queen rearing; he considers the cause is chemical buildup. He suggest to ship queens via “animal cargo hold” to control temperatures. He addressed black cell queen virus: more prevalent during swarming periods, queen larva/pupae die, cell blackens, associated with nosema c., found in royal jelly, could be omnipresent, more prevalent in the US, and is not associated with Acute Israeli Paralysis Virus. Pesticide use weakening bee immune system is suspect - use and synergistic effects with insecticide and adjuncts...”tank mixing” needs regulating. Queen replacement and supercedure is blamed on pheromone confusion from miticides masking queen pheromone. Pettis encourages beekeepers to get access to public/govt, lands where chemicals are lower and demanded that queen breeders to meet needs of providing hygienic queens. 5.) Reg Wilbanks, GA, Commercial Package and Queen Breeder; Reg pleaded to not blame breeders for all failures. He asserted need to control synergy of chemicals, asking how can we decrease them? He pointed out that miticides remain in comb, drones are fragile, world wide transport of bees elevate risks of disease and viruses.

Wilbanks assured breeders responsibilities to honey producers but stated hive failure is not necessarily the fault of breeders. "Palletized Beekeeping" moves bees around enough to wear queens out causing 10 % increased mortality, decreased variety of forage, bees constantly on the road hamper mite treatments, and exposure to increased pesticides. With different chemicals build up in the comb, queen body weight decreases, decrease in graft acceptance, and known decrease in development of workers which is not a queen problem. Shipping temperature is also out of breeders control. Reg outlined excellent breeder management, encouraged beekeepers to give breeders feedback, and admitted that they "enjoy" compliments.

Dr. Medhat Nasr, Alberta Agriculture, announced if one mite present in the spring...by August 30<sup>th</sup>, that one mite can reproduce to 3,080...imagine such reproduction in a hive of 60, 000 bees? Advice was given to take meaningful tests using alcohol wash or powder sugar shake and then to retest after 1 week of treatment to assure that it worked, keep an eye on resistant stock to propagate, and note that drone culling reduces mite however it also reduces honey production due to resources needed to raise drones. Dr. Nasr warned that some miticides are resistant – coumaphos in Canada and Formic Acid in the US...Oxalic Acid is left as a "clean up" treatment in the fall/winter. If vaporization...a compressor is advised to "blow" bees to permeate into the cluster. He asked..do you have a bee or a mite farm?

David Wick, MT, [mrwick@bvs-inc.us](mailto:mrwick@bvs-inc.us). Provides laboratory testing via BVS, Inc. license from the Army. Turn around results are within a couple of days however there is a fee (est. \$50) for service unlike "free" service via the ARS Beltsville, MD. Bee lab. Unknown to me, he instructed how we can go to "google alerts"...type in subject and you can get daily email updates to newly released information addressing honey bees!

Steven Page, Cowetta Beekeepers Assn.,GA., delivered the only Sustainable Beekeeping Presentation. Steven uses combined management techniques from Mike Palmer – Vermont, Overwintering Double Nucs, Making Splits and Queens; Walt Wright – Tennessee, Nectar Management, more honey, less swarming, and Mel Disselkoe – Michigan, On The Spot queen rearing. Steven's talk was a bit of fresh air giving hope that we may not need to constantly pump chemicals into our hives when using various management techniques. He is on the radar to bring to Missouri in the future!

Michele Colopy, Pollinator Stewardship, gave an incredible organizational presentation "Honey, I Broke the Bee Club" covering the non-profit business and dynamics of bee associations, clubs, and boards. Michele has a Masters in Nonprofit Management and her presentation should be a requirement for all bee-boards; it was packed with wisdom, encouragement, and guidance. You can access her presentation and resources at <http://pollinatorstewardship.org/?p=4915> and <http://www.beeculture.com/pollinator-stewardship-council/>. Finally, I will end this second section of the 2017 NABFC review with a report from Dr. Jay Evans, soon to visit Missouri. Dr. Evans covered an array of various researchers' projects. Points were made from Dr. Cook's data that long term winter thermal cluster may increase mortality therefore giving the question - can antioxidants decrease free radical and aid in survival?

From Dr. Miguel Corona's research he noted that monocrops can cause younger bees to forage early in age (precocious foraging) and therefore decreasing nurse bees' numbers which will then impact total population of the colony and threaten its success. Vitellogenin- body protein, is also significantly lowered therefore protein supplementation may be necessary when bees forage monocrops. Dr. Evans encouraged that when grafting...providing sugar/ juvenile hormone increases promoting queen success. Not surprisingly, he covered that pesticides are proven to decrease queen longevity, drone sperm, and hormonal balance. He highlighted Dr. Judy Chen's research proclaiming that adding probiotics and or antibiotics to honey bee diet could damage normal flora in the honeybee gut. And finally, an equally interesting topic suggests that "mushroom juice" might decrease mite loads and disease. Hmm, another market for Missouri Morels? Happy mushroom hunting!

Heartland Beekeeping Partnership started the ball rolling last May to obtain "Bees and Beekeeping Supplies Mo State Sales Tax Exemption" via Missouri tax codes. It is believed that honey bees were never intended to be left out of "farm" exemption; honey bees are the smallest, sweetest, intensely working, and most important agricultural animals. In February, Senator Denny Hoskins officially launched his research team to investigate exemption possibilities. Wording is being drawn up as I type and awaiting final tweaking to benefit bees and beekeepers. Keep your eyes and ears open for updates and for opportunities to let your Missouri representatives know your thoughts and enthusiasm! Cathy Misko

# Northeastern Kansas Beekeepers 2017 Funday

**Saturday, June 3<sup>rd</sup> 2017--Registration:7:30-8:30--Program:8:30-5:00**

**Douglas County Fairgrounds, 2110 Harper St., Lawrence KS**

**Fee includes Lunch, Beverages, Snacks & Homemade Honey Ice Cream and a Full Day of Fun!**

**Bring your hat and veil or beesuit-we'll have workshops at beehives!**

**Cost: \$40.00 per person for those Pre-registered, \$50 at the door**

**Children under 5 free, ages 6-18 \$17.50 for those preregistered \$20 at the door**

**Pre-Register by May 22<sup>n</sup> to be in a drawing to get your registration refunded**

**To register online visit our website at [WWW.NEKBA.ORG](http://WWW.NEKBA.ORG)**

**For information contact Becky Tipton at 785-484-3710 or [bstbees@embarqmail.com](mailto:bstbees@embarqmail.com)**

## Guest Speakers

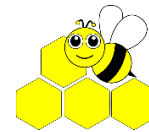
**Jennifer Berry** M.S.,2000, University of Georgia, Entomology. For the past 17 years, Jennifer Berry has been the Apicultural Research Professional and Lab Manager for the University of Georgia Honey Bee Program. Her research objectives have focused on improving honey bee health, the sub-lethal effects of pesticides on beneficial insects and IPM techniques for var-roa and small hive beetle control.

**Scott Debnam**, a graduate of the University of Montana Wildlife Biology program and has 14 years of experience managing the research colonies for the University. His research focuses on the movement of pollinators through the environment and the ecological patterns that influence their plant choices.

**Dr. Judy We-Smart**, *Entomology Extension Specialist University of Nebraska, Lincoln* whose area of interest was sub lethal effects of neonicotinyl insecticides on honey bee and bumble bee queens and colony development. She rocks!

**Dr. Marion Ellis**, a retired professor of entomology and researcher from the **University of Nebraska Lincoln**, will be a feature speaker. We love him!

**Dr. Chip Taylor**—the swarm king! He is the Founder and Director of Monarch Watch; Professor Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence, KS



**Swarm Demo with Dr. Chip Taylor!**  
**Hands-on workshop and presentations all day!**

## Vendors:

**Mann Lake Supply**

**Brushy Mountain**

**Dadant and Sons**-If you wish to preorder do so by the end of May, ask for -Arlyn or Gina. 217-847-3324

**Jody's Honey**, Robert Hughes 913-681-5777

**Heartland Honey**, Cecil Sweeney, 913-856-8356

## Douglas County Master Gardeners

### Flower & Plant Sale Dreher Bldg. Patio

**Door Prizes:** The swarm from the swarm demonstration will be given away in a single hive. There will be door prizes from supply dealers. You must be present to win and you must fill out an evaluation form to win any door prizes.

## Motels that are in Lawrence:

**Best Western**, 2309 Iowa, 785-843-9100

**Hampton Inn**, 2300 W. 6<sup>th</sup>, 785-841-4994

**A Silent Auction will be held to benefit the  
NEKBA Scholarship Program  
Donations of auction items are appreciated!**

**Program & Speakers Subject to Change  
NEKBA.org visit our website to register**



**Heartland Beekeeping Partnership**  
**A Day with Jennifer Berry, University of GA**  
**2017 Registration Form**  
**Powell Gardens, Kansas City's Botanical Gardens**  
 1809 N.W. US Highway 50, Kingsville, MO 64061

On-line Registration @ [www.powellgardens.org](http://www.powellgardens.org) Linda @ (816) 697-2600 ext. 306

**Sunday, June 4, 2017, 12:30-5:30 @ Powell Gardens, Kingsville, MO (816) 697-2600**  
 (PRINT)

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP+4 \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 Email address \_\_\_\_\_  
 Club or association affiliation \_\_\_\_\_  
 How did you learn about this class? \_\_\_\_\_  
 How many years beekeeping? \_\_\_\_\_ How many colonies? \_\_\_\_\_  
 Beekeeping Focus: Hobby\_\_Pollination\_\_Honey\_\_Products\_\_Breeding\_\_Nucs\_\_Queens\_\_Comb\_\_

\*The registration fee is per person; additional people in the family may attend for an additional \$45.00.  
 Fees include lectures, hands-on hive inspections, refreshments, and garden admittance  
 Beekeeping Protective-wear is **MANDATORY** in the Apiary

**Pre-registration Required to Guarantee Your Spot**

(Class Limited to 50)

**Course Registration Fees:**

Primary Registrant Name: \_\_\_\_\_ \$45.00 \_\_\_\_\_

\*Additional Family members who will be attending @ \$45.00/each

Name: \_\_\_\_\_ \$45.00 \_\_\_\_\_

Name: \_\_\_\_\_ \$45.00 \_\_\_\_\_

After May 26<sup>th</sup> add \$10.00 per registrant X \_\_\_\_\_ Sub-Total \$ \_\_\_\_\_

**Total \$ \_\_\_\_\_**

Registrations must be postmarked by May 26<sup>th</sup> to receive the pre-registration price.

Make checks payable to: Powell Gardens

On line Registration @ [www.powellgardens.org](http://www.powellgardens.org) or call Linda 816-697-2600 ext. 306

or

**Mail-in Registrations to:**

Cathy Misko  
 321 SW 58 Hwy  
 Centerview, MO 64019

For Heartland Beekeeping Partnership information  
 Cathy Misko (660) 656-3485 or Bruce Bird (573) 308-4403  
[cathymisko@earthlink.net](mailto:cathymisko@earthlink.net)      [birdb1@mac.com](mailto:birdb1@mac.com)

**Helpful Hints:** (Arrive early to enjoy the gardens; bring notebook, water bottle, and protective-wear inside with you)

# Conferences-Events & Market Place



Native Plant Sales

April 15, 2017

May 6, 2017

Anita B Gorman

Discovery Center

April 22, 2017

State Fairgrounds

Sedalia, Missouri

[GrowNative.org](http://GrowNative.org)



July 13-15, 2017

Heartland Apicultural Society

Annual Meeting

Evansville, Indiana

[www.heartlandbees.org](http://www.heartlandbees.org)



August 10-20, 2017

Missouri State Fair

Sedalia, Missouri

Contact

Dean Sanders

(816) 456-4683

to volunteer to work the

Missouri State Beekeepers

Association booth



## Crooked Hill Beekeeping, LLC.

Bill and Tammy George

19133 LIV 355

Chillicothe, MO 64601

(660)214-0132

[www.chbeekeeping.com](http://www.chbeekeeping.com)



### Jim Fisher 816-918-6648

Do you need your honey supers

extracted? Contact Jim for

custom extracting.



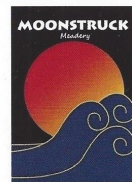
### Fisher's Bee Supplies

Ed Fisher

4005 N.E. 132nd Street

Smithville, MO 64089

816-532-4698



### Moonstruck Meadery

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Brian Schlueter

President

[brian@moonstruckmead.com](mailto:brian@moonstruckmead.com)

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[www.moonstruckmead.com](http://www.moonstruckmead.com)



Join or Renew your

2017 Membership

Missouri State

Beekeepers Association

[https://mostatebeekeepers.org/  
product/individual-membership/](https://mostatebeekeepers.org/product/individual-membership/)

## Heartland Honey and

Beekeeping Supplies

Joli Winer and Cecil Sweeney

19201 S. Clare Rd

Spring Hill, KS 66083

(913) 856-8356

[joli@heartlandhoney.com](mailto:joli@heartlandhoney.com)



### Jordy's Honey

Robert Hughes

12333 Wedd Street

Overland Park, KS 66213

913-681-5777

[www.beekeepers.com](http://www.beekeepers.com)



### Midwest Bee Removal

Rest at ease we will remove your bees

Matt Winstead

Owner/Technician

(816)217-4214

Brian Baber

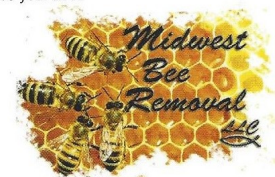
Technician

(816)399-9884

[Mattwins7@gmail.com](mailto:Mattwins7@gmail.com)

[MWBeRemoval.com](http://MWBeRemoval.com)

[Facebook.com/midwestbeeremoval/](https://www.facebook.com/midwestbeeremoval/)



# Bee Culture

The Magazine of American Beekeeping

[www.beeculture.com](http://www.beeculture.com)

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## 2017 MIDWESTERN BEEKEEPERS ASSOCIATION MEMBERSHIP APPLICATION

PLEASE CHECK ONE:  RENEWAL  NEW MEMBERSHIP

[www.midwesternbeekeepers.org](http://www.midwesternbeekeepers.org)

MEMBER'S NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**Please consider receiving your Beeline\* by email to help control the cost of printing and postage.**

WOULD YOU LIKE TO RECEIVE THE BEELINE BY:  EMAIL  MAIL

INDIVIDUAL MEMBERSHIP: \$15 \_\_\_\_\_

FAMILY MEMBERSHIP: \$18 \_\_\_\_\_

YOUTH SCHOLARSHIP DONATION: \_\_\_\_\_

TOTAL: \_\_\_\_\_

Do you have special skills or interests to offer the association?

\_\_\_\_\_

Make checks payable to: **Midwestern Beekeepers Association**

Mail to: Terry Wright  
9203 South Litchford, Grain Valley MO 64029

Questions: Contact Terry Wright at (816) 578-4460 or [926wright@gmail.com](mailto:926wright@gmail.com)

**Note:** To Join the State Association (**Missouri State Beekeepers Association**, [MoStateBeekeepers.org](http://MoStateBeekeepers.org)), Membership Fees can be paid by Pay Pal or mailed directly to: Missouri State Beekeepers Association, c/o Wanda Johnston, 401 NW Heady Avenue, Ferrelview, MO 64163

\*Beeline is the our monthly newsletter



Terry Wright  
9203 South Litchford  
Grain Valley MO 64029  
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**General Meeting**  
**Sunday, March 19, 2017**  
**Bass Pro Shop**  
**Independence MO**  
**2:00 PM**  
**Beginning Beekeepers**  
**2:30 PM**  
**General Meeting**  
*In case of inclement weather on  
the day of a meeting, please check  
our website, Facebook, or call an  
officer.*

Midwestern Beekeepers Association 2017 Calendar	
April 23, 2017	General Meeting at Bass Pro, 2:30 pm
May 21, 2017	General Meeting at Bass Pro, 2:30 pm
June 18, 2017	General Meeting at Bass Pro, 2:30 pm
July 16, 2017	General Meeting at Bass Pro, 2:30 pm
August, 2017	Picnic, TBD
September 17, 2017	General Meeting at Bass Pro, 2:30 pm
October 15, 2017	General Meeting at Bass Pro, 2:30 pm
November 19, 2017	General Meeting at Bass Pro, 2:30 pm
December, 2017	Christmas Social, TBD