



Kelley Beekeeping

SERVING THE BEEKEEPER SINCE 1924

NEWSLETTER

~ *Monthly Beekeeping Information, News & Support* ~



Photo: Elisabetta Aj

Bee Science

UMD Doctoral Student's Brief Video on his Revolutionary Finding about Bee Health Wins International Competition

by Mary Carroll-Mason

November 2, 2017

COLLEGE PARK, MD – A University of Maryland doctoral candidate in the Department of Entomology, Samuel Ramsey, has been named both the Judge's First Place and People's Choice award winners in the annual Three Minute Thesis (3MT) contest, sponsored by Universitas 21 (U21), a global network of leading research universities. The contest challenges graduate students to communicate the significance of their research to a non-specialist audience in three minutes

Ramsey competed against 16 other finalists from U21 member
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From the Queen's Court

by Melanie Kirby



Let me count the ways...

I've lost count on how many stings I've received over the years. And I've lost count on how many boxes I've had to lift. And how many times I've had

to load and unload the truck. But the one thing I haven't lost count of are the numerous seasons of joy sharing the honey harvests with family and friends. Let me count the ways...

Thanksgiving reminds us to savor the sweet tidings and the season's bountiful offerings. It reminds us that little seeds, given some water and sunshine, and some tender loving care, will sprout and yield a flower that bears fruit. This fruit grows. This fruit will ripen and then become nourishment for many a critter.

Nourishment, by definition is the food necessary for growth, health, and good condition. It is a word that transcends the physical form. For one can have one's intellect, and spirit nourished as well with words of wisdom. Food for thought.

Thanksgiving reminds us to savor the sweet tidings and the season's bountiful offerings.

This month's newsletter is an experiment in food for thought. Each month, I try to include

entries that are diverse and meaningful. I encourage writers to share their varied perspectives because I know that we do not all think alike. There are some of us who prefer the practical. There are others of us who prefer the poetry of the arts. And there are those of us who prefer to walk the middle road, with a little bit of this and that, like salt and pepper to enhance the taste of life's fragile yet resilient nature.



I find myself to be the latter. I walk between two worlds, with one foot in the here and now, and the other wanting to reflect on the past to better learn where and how to progress forward. I find that if I do not take time to explore the beauty both outside our world and within ourselves, that I feel overwhelmed with the seriousness and heaviness of this modern world. And if I only embrace the artistic side, then I find myself at a loss of logic, grasping to try to understand the cause and effect of living on this Earth and the satisfaction of scientific inquiry.

All in all, I realize that while I tend to float between the inner musings of my hyperactive mind and the vast reality of our fast paced society, that what really counts are all the



blessings along the way. The way the sun rises and sets each day. The way the rays wake up the flower buds and encourages them to unfurl and to share their perfumes. The way the warmth encourages the dew to rise and lift and create clouds in the sky. And the way the clouds become heavy and rain down to nourish our landscapes.

Oh, let me count the ways that bees have enriched my life....

I never cease to be amazed at how this cycle continues. Year after year to yield our bees and us with the most delicate flavor bouquets, rich in flavor and consistency. From clear and viscous to thick and creamy. From light to dark, and every shade in between.

Oh, let me count the ways that bees have enriched my life, and nourished me and my family, friends, and our communities. Let us savor the sweet moments we get to spend

in our apiaries, listening to the melodic buzz of busy bees flitting to and fro, capturing liquid starlight. Let us share our bountiful harvests with our communities. We can only reap what we sow — so let us sow kindness, gratitude and awe for the beautiful beings and landscapes we are blessed to steward. May we glow from within, sipping nectar and singing praises.

Count your Blessings,
- Melanie Kirby

Melanie celebrated her 20th year of professional apiculture this autumn. She has started working on her Masters in Entomology from WSU Sheppard Bee Lab. She has been serving as the Kelley Beekeeping newsletter editor for 4 years. She can be reached at survivorqueenbees@gmail.com.

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New Beekeepers!

Join us for Beekeeping 101

Saturday, December 2nd

9:00am - 3:00pm

Learn the basics of beekeeping
for a successful first year!

Topics include basic honey bee biology,
how to do a hive inspection, common
beekeeping problems and more!

Class is held at the Walter T. Kelley Training Academy
807 West Main Street, Clarkson, Kentucky 42726

*All class participants will receive 5% off at our retail store!
Our store is open 7:00 am - 12:00 pm Saturdays*

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Just the FAQs

Questions & Answers

by Dennis Brown

Hi Dennis,

Why does the mite count in my hive always go up in the late summer and fall? Darleen

Hello Darleen,
It's important for everyone to understand that at this time of year, it's not unusual for the hive mite count to appear higher than normal and to find that the bees are a little more aggressive. The hive population is still high, and the queen has dramatically reduced egg-laying. The available brood level is down and there's a lull in the available nectar resources.

What does all this mean?

The breeding mites have no place to retreat to because there are fewer sealed brood cells available to them. That means more of them are out in the open (Creating the illusion of a higher mite count.) where the bees are able to pick them off more easily. This would be a great time to perform a powdered sugar treatment.

Most of us who have had a good honey flow and have removed the honey supers have also found that our hives are more aggressive than usual. The reason for this is because the hive population is between thirty and forty thousand bees. All of these bees reside in two brood boxes. At this time, there's not much for the bees to do because there are fewer nectar sources available. It's like when football season is over and

the guys get bored and moody. (Especially if their favorite team lost.)The bees get bored and moody when there's nothing for them to do as well. Each day, the population begins to decline and when the nectar sources become available again, the hive gets back to normal.

So don't freak-out. Take advantage of the exposed mites in the hive and perform a powdered sugar treatment to lower the mite count which will help the bees out.

Enjoy your bees!

- Dennis



Dennis Brown is the author of "Beekeeping: A Personal Journey" and "Beekeeping: Questions and Answers."

Contact Dennis at: www.lonestarfarms.net.

? If you have a question you would like to share, email it to us at: Editor@KelleyBees.com





Bee Science (Continued)

institutions across the world. He was selected for the judge's First Place Award by a distinguished international panel of judges, and received the People's Choice award as a result of online popular voting.



Samuel Ramsey, University of Maryland

"This experience has been challenging but in the best way possible," said Ramsey. "So many groundbreaking scientific discoveries never move beyond the pages of journals to public consciousness or public policy, partly because it's difficult to explain things briefly without sacrificing accuracy. That's why I'm so glad that I entered this contest. It forced me to refine this skill; one that I'm certain will serve me well throughout my career in science."

Ramsey conducts research on a tiny parasitic mite, *Varroa destructor*, which is the single biggest contributor to the decline in health of honeybee populations worldwide. Originating in Asia, the invasive *Varroa* mite is wreaking havoc on honey bee colonies, both by feeding on adult and immature bees, and by serving as a vector for five debilitating viruses.

For nearly 50 years, researchers have believed that the mite fed on the hemolymph (the "blood") of the honey bee. Ramsey's extensive research on the feeding habits and nutrition of the *Varroa* mite provides strong evidence that this model is wrong, and that current methods of controlling the parasite are not only ineffective, but actually may contribute to the parasites developing resistance to pesticides as well.

Ramsey's research establishes that the mites are primarily feeding on the honey bee's fat body tissue—an organ in insects that serves a similar role to the human liver. Since several existing systemic pesticides were formulated assuming that mites fed on hemolymph, this discovery explains why these pesticides were never successful in controlling the mites. The mites will never ingest enough to kill them, but frequent exposure may contribute to future resistance. Ramsey's work also explains why honey bees suffer so many negative consequences from a parasite believed to consume a small amount of their blood. His discovery will enable researchers to develop more targeted control techniques that could help restore honey bee populations worldwide.

"Sammy's presentation is a wonderful example of how researchers can describe their work to a general audience in a clear, compelling and engaging manner."

Steve Fetter, Ph.D., interim dean of the Graduate School and associate provost for academic affairs at the University of Maryland, spoke of Samuel's achievement: "We are thrilled that Sammy Ramsey won both the U21 3MT® judge's prize and the People's Choice prize in this year's competition. Sammy's presentation is a wonderful example of how researchers can describe their work to a general audience in a clear, compelling and engaging manner."

Ramsey is currently a visiting researcher at Chiang Mai University in Thailand, where he is studying parasites that attack Asian honey bee populations. He plans to defend his dissertation this spring.

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Bee Health

UK will back total ban on bee-harming pesticides, Michael Gove reveals

by Damian Carrington

Thursday 9 November 2017

The UK will back a total ban on insect-harming pesticides in fields across Europe, the environment secretary, Michael Gove, has revealed.

The decision reverses the government's previous position and is justified by recent new evidence showing neonicotinoids have contaminated the whole landscape and cause damage to colonies of bees. It also follows the revelation that 75% of all flying insects have disappeared in Germany and probably much further afield, a discovery Gove said had shocked him.



Oilseed rape crops being sprayed. The seeds are treated with neonicotinoids and the flowers visited by bees. Photograph: Juice/Rex/Shutterstock

“The weight of evidence now shows the risks of neonicotinoids pose to our environment, particularly to the bees....”

Neonicotinoids are the world's most widely used insecticide but in 2013 the European Union banned their use on flowering crops, although the UK was among the nations opposing the ban. The European commission now wants a total ban on their use outside of greenhouses, with a vote expected in December, and the UK's new position makes it very likely to pass.

“The weight of evidence now shows the risks neonicotinoids pose to our environment, particularly to the bees and other pollinators which play such a key part in our £100bn food industry, is greater than previously

understood,” said Gove. “I believe this justifies further restrictions on their use. We cannot afford to put our pollinator populations at risk.”

In an article for the Guardian, Gove said: “As is always the case, a deteriorating environment is ultimately bad economic

news as well.” He said pollinators boost the yield and quality of UK crops by £400m-£680m every year and said, for example, gala apple growers are now having to spend £5.7m a year to do replace the work of lost natural pollinators.

Gove said the evidence of neonicotinoids' harm to pollinators has grown stronger since 2013, including a landmark field trial published in July that showed neonicotinoids damage bee populations, not just individual insects, and a global analysis of honey revealing worldwide contamination by the insecticides.

Will pollinator populations naturally recover if pesticide use falls?

This and other research was examined by the UK's Expert Committee on Pesticides (ECP), which published its updated advice on Thursday. “Exposure to neonicotinoid



Bee Health (Continued)

pesticides under field conditions can have an unacceptable effect on honeybee health” they concluded. “Such unacceptable effects are occurring at a landscape level and between seasons.”

Professor Ian Boyd, chief scientific advisor at the Department for Environment, Food and Rural Affairs, said: “The important question is whether neonicotinoids’ use results in harmful effects on populations of bees and other pollinators as a whole. The available evidence [now] justifies taking further steps to restrict the use of neonicotinoids.”

“Exposure to neonicotinoid pesticides under field conditions can have an unacceptable effect on honeybee health,” they concluded.

Boyd warned in September that the assumption by regulators around the world that it is safe to use pesticides at industrial scales across landscapes is false. This followed other highly critical reports on pesticides, including research showing most farmers could slash their pesticide use without losses and a UN report that denounced the “myth” that pesticides are necessary to feed the world.

Gove’s decision has delighted campaigners and scientists who have long argued that heavy pesticide use, along with the destruction of habitat and disease, are having a devastating impact on insects.

“Michael Gove is to be congratulated for listening to the experts on this issue and backing tougher restrictions,” said Friends of the Earth’s chief executive Craig Bennett. “But lessons also need to be learned – we now need to move away from chemical-intensive farming and instead boost support for less

damaging ways of tackling persistent weeds and pests.

“We warmly welcome the UK’s change of position,” said Matt Shardlow, at insect conservation group Buglife. “Brexit will give the UK more control over the health of our ecosystems and it is essential in doing so that we apply the highest standards of care.”

He said the EU had been stuck on the issue of a full neonicotinoid ban, unable until now to get sufficient votes from member states: “In taking this ‘unfrozen moment’ in British politics to put bees and science at the centre of our priorities for sustainable agriculture, Michael Gove may also unfreeze the EU and secure an EU-wide ban that will benefit insects across the continent.”

Chris Hartfield, the National Farmers Union’s acting chief science adviser, said: “Farmers are acutely aware that bees play a crucial role in food production and have done an enormous amount to help them.” But he said the committee’s finding of “unacceptable effects” came despite their acknowledgement of a gap in understanding in whether neonicotinoids damage overall ecosystem services: “In our view, the ECP has leapt beyond its brief.”

But Gove said: “While there is still uncertainty in the science, it is increasingly pointing in one direction.” He said a post-Brexit farming subsidy system would channel more money into environmentally sustainable ways of farming.



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Apitherapy

Beauty Influencer's Honey-Bee Hair Brand, Gisou, Develops Family Formula

by Kristina Moore

Negin Mirsalehi is best known for her luscious, long hair locks admired by her 4.6 million followers on Instagram, Youtube, and namesake blog. However, these days, Mirsalehi is expanding her social reach beyond the digital realm to share her hair beauty secrets offline with everyone by creating, Gisou, a line of natural bee-based hair products. Mirsalehi is a sixth generation beekeeper. While growing up in Amsterdam, she was introduced by her family to the health and beauty benefits of bees. After growing her online audience and building a multimillion dollar personal brand, Mirsalehi decided to take a chance, optimize her engagement with her social followers, and enter the world of product design.

She cofounded Gisou (ghee-zoo) with former PricewaterhouseCoopers consultant Maurits Stibbe in 2015. The brand is self-funded from revenue Mirsalehi generates from work as a digital influencer. Products include multi-use *Honey Infused Hair Oil* (\$85), *Propolis Infused Heat Protecting Spray* (\$40), *Propolis Infused Texturizing Wave Spray* (\$38), and, today, Gisou is introducing its own texture comb. When Gisou originally launched with 10,000 hair oil bottles, it sold out in three months. Gisou's texture spray released in July and within 48 hours it had 2,000 orders. Company sales projections are \$3 million for 2017 and \$5 million for 2018. Gisou is sulfate-free

& paraben-free. It is available at a variety of stores, including Anthropologie, Urban Outfitters, Revolve, Tearose Boutique in Milan, and Sa*ce stores in Dubai, in addition to Gisou's own website.



Gisou Cofounder Negin Mirsalehi. Mirsalehi is a sixth generation beekeeper.

Mirsalehi earned both her Masters in Marketing and BSc in Business Administration from Vrije Universiteit Amsterdam. Since posting her first photo on Instagram in 2012, Mirsalehi has been featured in numerous online & print publications, including W Magazine,

Harper's Bazaar, Marie Claire, Glamour and Cosmopolitan. She has also collaborated with brands Cartier, Valentino, Tod's, Ralph Lauren, and, this year, she walked in Dolce & Gabbana's fashion show. Mirsalehi also just won Revolve's 'Influencer of the Year' award. Gisou is scheduled to release six new hair products in 2018.

Kristina Moore: Most people think honey when they think of bees. How did you think hair products?

Negin Mirsalehi: It all started with my father's bee garden and with my mother. When my mom came to the Netherlands thirty years ago (from Iran), she was in training to become a hairdresser. Unimpressed with the beauty products available back then, she started experimenting with her own haircare solutions. As a beekeeper's wife, she had discovered the health benefits of honey and



Apitherapy (Continued)

how its moisturizing and softening properties work wonders on hair. So as she set about developing her own natural formula, she knew one thing for sure: my father's honey was going to be the key ingredient. My mother made the original formula for the Honey Infused Hair Oil that has been in the family for years and I have used since I can remember.

So Gisou was born naturally from my passion for bees, the bee garden, and for beauty. Five years ago, when I started out on Instagram with inspirational fashion posts, I acknowledged that a lot of people were interested in my hair. One time, I posted a photo of me in the bee garden and I had the feeling that no one would really be that interested in this picture, however many of my followers loved it and I think this is because they got to know a different side of me. After receiving so many questions about my hair, I realized I had something to offer, so I decided to share the healing powers of bee products.

I understand Gisou products are multi-purpose. Tell us how that works.

Mirsalehi: I wanted to create multi-purpose products because most of the bee-based ingredients that serve as our key ingredients can be used in multiple ways. We used honey for all kinds of purposes in our home growing up; we would smear it on homemade bread, stir it into lukewarm tea, or simply eat it as a treat. Honey is nature's very own sweetener and the first natural sugar to be recorded in history. My father strongly believes in the power of honey, which is why he always told us to eat one teaspoonful every morning – according to him, it really is the best medicine. Also, honey has been used in women's beauty routines for centuries. My mother used honey in her homemade hair oil due to its incredible moisturizing and softening properties, and so



we used this oil in many ways in our hair care routine.

The first Gisou product we launched therefore had to be my mother's formula, the Honey Infused Hair Oil that can be used in various ways: for pre-styling, finishing to add shine, as a nourishing addition to a hair mask or applied as an overnight treatment to rebuild and repair your hair from the core. Both the second and third product in our range contain the key ingredient propolis, the Propolis Infused Heat Protecting Spray and Propolis Infused

Texturizing Wave Spray. Bees forage for propolis to protect and strengthen the walls of the beehive, which makes it a richly fortifying ingredient for your hair, protecting against hot styling tools and sun damage.

Before you started Gisou, you were already considered a top beauty & fashion influencer. What made you take the risk of investing energy and earnings into this new venture?

Mirsalehi: Gisou was a logical step for me. Starting Gisou was pretty exciting, because it allowed me to put my academic background into practice and build our own business from scratch. I was always very interested in the business side of things. In general, I am always looking to try out new things and develop myself, whether it's through Gisou or starting my own YouTube channel. I feel that in this constantly changing environment, being able to reinvent yourself is key.

Negin Mirsalehi has over 4.1 million social media followers.

Kristina Moore is a style expert focusing on visual presentation as a dynamic professional tool. She is the founder and editor of Corporate Fashionista.

Full article can be found at: <https://www.forbes.com/>



Bee Thinking About Pesticides: People and Bees...And...

by Bella Donna

After reading the article in the October edition of this newsletter, I wanted to do a follow-up to the article - **Bee Health Bee-harming Pesticides in 75 percent of Honey Worldwide** by AFP Relax News. I've seen this article posted a few other places and thought it's important that we get the word out on the negative impact of insecticides. What I want to mention regarding this important information is the impact that pesticides have on people as well as the bees and other insects.

The negative impact pesticides have on humans as well as bee is not only a national dilemma but an international one. Here are two articles that reinforce that.

<http://lenews.ch/2017/10/23/switzerlands-organic-honey-myth-and-how-bees-are-paying-the-price/>

<http://www.independent.co.uk/environment/garden-centres-selling-bee-friendly-plants-pesticides-harmful-neonicotinoids-a7734516.html>

I have been out on numerous bee relocation jobs when homeowners saying something like "Should I just spray them?" "Will it be cheaper if 'we' just spray them?" (AS IF, I would be a co-conspirator is such a horrendously destructive deed.) Or, "I REALLY want to 'save the bees' BUT I'm not willing to pay anything to have that done."

My longest and most responsive answer to this was last summer, after doing so many relocations in 106 degrees plus degree weather, in central Arizona, in a thick Africanized bee suit, and dealing multiple times with huge, aggressive swarms and hives, fire departments, and frantic dog owners after attacks or threat of attacks. It was late one night, I was doing a job alone, the job was much more involved than expected.

I went early in the day to look at a half

basketball size of balled bees under a huge hot tub. Once I started the removal with a vacuum and my bare hands, I discover another balled swarmed under the hot tub. Then another starting some wax build-up. I spend hours crawling under the hot tub, carefully removing panels on all four sides of the case, and climbing underneath with my vacuum and 3"x3" green fish net. Finally, it was after ten P.M. when I was pretty sure I had collected all the bees in a box as well as in my vacuum, and I told the guy I was done.

At this point he said I had heard multiple times that summer with all the Africanized bees and swarm and attack reports. I had patiently responded to it dozens of times, but for a combination of reasons, this particular night my response was quite different. And quite loud. And quite lengthy.

He said, "Should I go in the house and get a few cans of wasp and hornet killer, and we can soak down the whole underside so more bees won't come back?"

My response went something like this. And at one point I looked around like..... where is all of this coming from? And, "Who's yelling?"

"SURE, go get your poisons and we'll spray all over here. Then you'll be inhaling poisons for days. Your kids and your dog's and your father living with you, they can all get poisoned! And how about your plants around here? And rose bushes and fruit trees? You want poisons all over them? Then it will be in the air and can poison the neighbors and ME. And your soil and your garden can get poisoned. Go ahead. Is that really want you want to do? Because if you do, YOU can do it. I want no part of poisoning an already poisoned world."

I picked up my equipment bag and some other items, and walked to my vehicle to start packing up.



Bee Thinking About (Continued)

The poor guys comes out, not too far behind. He hands me a check for the removal job and says, "I'm really sorry. I didn't realize that a can of spray could do that much damage. No, I don't want to poison my kids and my dogs, and my father."

I humbly apologized. But as I was driving home and feeling a bit bad, I remembered how many times I have so nicely explained to people the damaging impact poisons have to all of us. I've been saying this for years, decades even. In the past couple of years, as a Holistic Healthcare Practitioner, I prefer the term 'facilitator' much better, I've been able to identify pesticides in human bodies. It's incredible information gathered from a GSR (Galvanic Skin Respond). Included are some scan captures of test results.

Since being able to offer this as part of work I am much more confident and bold in letting people know that YES, pesticides, insecticides, chemicals, toxins, heavy metals, have a major impact on us as human beings as well as the environment.

Let's all please try to do our part, even something small, to make the world a cleaner, healthier and maybe even nicer place to be. And hopefully without too much yelling.

Bee Health Article - <http://jcbeckeepers.org/bee-faqs/sugar-diet-and-bee-health/>

Pesticides

-80.00 56.77 DDT
 58.67 -43.21 Aspon
 -52.61 39.64 Aldrin
 -63.31 -36.97 Trichlorfon
 98.42 -31.75 Acti-Dione
 -49.90 24.18 Naphthaline
 96.25 -21.78 Nicotine (pesticide)
 192.98 17.43 Nemacur
 72.62 16.60 MCPA
 50.77 -16.60 Demeton
 47.71 14.67 Dodine
 -53.01 -14.55 Alachlor
 51.76 -12.82 Coal Tar/ Creosote
 68.57 12.45 Chloramben
 -61.11 7.93 Naled
 56.41 7.93 Bendiocarb
 -46.99 4.44 Fenbutatin-Oxide
 -51.76 -4.36 Diflubenzuron
 78.57 4.19 Diphenamid
 -57.04 0.00 Ethephon

Pesticides

-61.40 -27.20 Acti-Dione
 -38.50 -14.61 Oxamyl
 28.82 -12.99 Vendex
 -28.73 -12.80 Metaldehyde
 -33.85 11.94 Diacamba
 -28.62 -9.78 Diazinon
 47.74 6.74 Oxytetracycline
 53.51 -3.31 MCPP

CALL FOR PHOTOS!

Want to see your bee-related photo on the cover of the Kelley Beekeeping newsletter?

Send high res photos to:
 editor@kelleybees.com





Bee Arts

Blondie Pollinators

Do you remember the New Wave Rock band, **Blondie**, in the late 1970s and early '80s? Well, **Blondie** is back...

Lead singer Debbie Harry has become a vocal bee advocate and even named the band's latest CD "Pollinator."



Blondie has joined forces with Pollinator Partnership, Friends of the Earth, and Greenpeace for BEE Connected, in an effort to conserve, educate, empower, and encourage political movements to save our environment.

Read more: <http://www.dazeddigital.com/music/article/36534/1/debbie-harry-is-fighting-to-save-the-bees>

Click here for an interview Debbie Harry did today on the TV show "CBS Sunday Morning": <https://www.cbsnews.com/videos/debbie-harry-of-blondie/>



Workshop

Beginner's Introduction to Mead Making

January 11-13, 2018



Learn the basics of mead making from honey to the bottle all in three days. Get hands-on learning experience in our LEED Platinum Winery with Chik Brenneman, Winemaker of the Department of Entomology and Nematology. Taste and learn the styles, ingredient selection and the steps to making good mead

Mead Making BOOTCAMP

Thursday, January 11, 2018
Fee: \$200

Beginners Intro to Mead Making

Date: Friday, January 12, 2018 -
Saturday, January 13, 2018
Fee: \$550 (\$600 after November 30, 2017)

For more information and to register, visit: <https://registration.ucdavis.edu/Item/Details/354>

Registration Is Open

Beginner's Introduction to Mead Making

January 11-13, 2018



Conference

2018 American Beekeeping Federation Conference & Tradeshow

CELEBRATE the 75th Diamond Anniversary of the ABF at the 2018 American Beekeeping Federation Conference & Tradeshow, January 9-13, at the Grand Sierra Resort in Reno, Nevada. Discover the many facets of the ABF with four days of spectacular educational sessions, networking and fun.

SHINE BRIGHT IN RENO!

- Hear from experts, trendsetters & influencers.
- Learn best practices.
- Shop a tradeshow full of the latest beekeeping innovations.
- Showcase your skills in the 2018 Honey Show.
- Have next-generation fun at the Kids and Bees program.
- Network with 900+ fellow beekeepers



FUN FOR THE WHOLE FAMILY! In addition to family-focused conference activities, the Grand Sierra Resort features FunQuest, the largest arcade in northern Nevada, two laser-tag arenas, a bounce house, climbing apparatus, Grand Adventure Land Park, and a 50-lane bowling center.

75-YEARS STRONG! Make your plans today to join us in Reno for a brilliant conference and a celebration of the association's 75 years of accomplishments.

For more information and to register, visit: <http://abfconference.com/>

Conference

American Honey Producers Association Convention

The AHPA 49th annual convention will be January 9-13, 2018.

DoubleTree by Hilton San Diego Mission Valley - 7450 Hazard Center Dr, San Diego, CA 92108
Tel. 1-800-222-8733 *request a reservation using the code AHP*

Our trade show is one of the largest beekeeping trade shows in the country and it's a highlight for the convention attendees to come and meet new companies and see new products. We will have conference sessions on new research and hot topics within the beekeeping industry such as legislative changes, new science information, honey trade & adulteration issues, and honey market & pollination reports.

Dr. Michael T. Roberts—Keynote Speaker

Executive Director of the Resnick Program for Food Law and Policy, Adjunct Faculty

Michael T. Roberts is the founding Executive Director of the newly established Resnick Program for Food Law and Policy at UCLA School of Law. He is well versed in a broad range of legal and policy issues from farm to fork in local, national, and global food supply systems. He has recently authored the first major treatise on food law, titled, Food Law in the United States, published by Cambridge University Press. He is also co-editor of Food Law & Policy, a new casebook to be published by Wolters Kluwer. He has also written several other chapters and articles on food law topics.

For more information and to register, visit: <https://www.ahpanet.com/2018-convention-trade-show?page=Resolutions>



Sweet As Honey

Honey Roasted Butternut Pumpkin Soup

by Beatrix Royale



Ingredients:

- 2.25 lbs. butternut squash, peeled and deseeded and cut into wedges
- 1/4 cup of honey
- 1/2 teaspoon of grated nutmeg
- 3 tablespoons of olive oil
- sea salt and freshly cracked black pepper to taste

- 2 brown onions, chopped
- 3 cloves of garlic
- 2 sticks of celery, chopped
- 5 1/4 cups (1.25L) of vegetable stock
- 1 tablespoon of chopped rosemary
- 2 tablespoons of cream

Method:

1. Preheat the oven to 350 degrees F (180 C).
2. Place the squash in a baking tray and cover with 2 tablespoons of the olive oil, nutmeg, honey, salt and pepper. Toss to ensure the squash is coated evenly and roast in the oven until the squash is softened and cooked through. Set aside.
3. In a large stock pot heat 1 tablespoon of olive oil over a medium low heat and add the onion, garlic and celery. Cook until the onion is softened and golden. Reduce the heat if necessary, to stop the onion burning.
4. Add the squash to the pot along with the stock and rosemary. Stir to combine and then blend with a stick blender until smooth. Alternately pour the mixture into a blender and blend until smooth.
5. Return the pot to the hot plate and add the cream and stir through and simmer for 2 to 3 minutes.
6. Serve with crusty bread.

Need Help? Contact Us!

KELLEY BEEKEEPING COMPANY

807 West Main Street,
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CUSTOMER SUPPORT:

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CUSTOMER SERVICE HOURS:

Monday-Friday 7:00 am - 5pm CST
Saturday 7:30 am - 12:00 pm CST
**Phone lines are open every Saturday. Except for the months of October, November and December whereas we will only be open the first Saturday of each month.*



UPCOMING EVENTS

DEC 2017

Idaho Honey Industry Association Annual Meeting

Idaho, November 30-December 1, 2017

For more information visit:

www.idahohoney.org

Kelley Beekeeping Beekeeping 101

Kentucky, December 2, 2017

For more information visit:

www.kelleybees.com/beekeeping-101.html

Colorado Beekeepers Association Winter Meeting

Colorado, December 2, 2017

For more information visit:

coloradobeekeepers.org

We'd love to share news of your upcoming events. Please send the event name, date, website and/or contact information by the 10th of each month for inclusion in the following month's issue. Email information to: Editor@KelleyBees.com



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Austin 7th Annual Beekeeping Seminar

Register at: <https://aabaseminar2018.eventbrite.com>

When: Jan. 27, 2018
Who: Austin Area Beekeepers Association
Where: Norris Conference Centers, 2525 W Anderson Ln #365, Austin, TX 78757
Cost: \$60

Why:

The mission of this daylong seminar is to educate people of all experience levels in sustainable science-based bee husbandry and to provide support to worthy bee charities. The lion's share of the proceeds are donated to the Texas A&M Honey Bee Lab, the Texas Beekeepers Association Queen's Program, the Texas Master Beekeeping Program and other bee charities.

Description:

This is a daylong seminar offering 5 different educational presentations running concurrently every hour throughout the day. This will provide many beginning and advanced subjects to choose from. A **separate beginner track** has been formatted covering a variety of startup topics for soon-to-be or very-new beekeepers. A beginner beekeeper will learn the fundamentals of honey bee biology and behavior, how to select the equipment you will need, where to buy bees, how to set up your apiary, how to light a smoker, feeding, the fundamentals of honey extraction, queen finding, requeening and annual management.

Other Sessions will include:

- Honey Bee Management 1 and 2
- Nutrition Management
- Honey Bee Biology and Behavior
- Top Bar Management 1 and 2
- Effective Varroa Management for Robust Populations
- Brood Disease and Pest Control
- Swarm Capture Techniques
- Raising Queens
- Simple Queen Cell Production
- Learn Honey Extraction Techniques
- How to Grow Your Apiary Business
- Successful Sales and Marketing
- How to plant Beescapes
- Bees as an Ag. Exemption
- Queen Finding and Requeening
- Honey Bee Reproductive Biology
- Making Splits
- Cut-Outs
- Equipment Building Workshop
- Smoker Lighting Demo
- What Every Beekeeper Should Know About Foraging
- Impact of Miticides on QMP
- Varroa Monitoring Workshop
- Honey Bee Health and Nutrition
- Preparing for a Honey Show

Presenters:

- Professor Juliana Rangel – Entomology at Texas A&M
- Mary Reed - Texas Apiary Inspector
- Mark Hedley - Owner of Spiral Horn Apiary
- Dan Aurell - Texas A&M Tech Transfer Team
- Ryan Giesecke - Trinity Valley Beekeepers President
- James & Chari Elam - Owners of Bluebonnet Beekeeping Supplies
- Dodie Stillman - Certified Texas Master Beekeeper
- Elizabeth Walsh - Ph.D. Student of Entomology at Texas A&M
- Tanya Phillips - Certified Texas Master Beekeeper
- Karl Acuri - Austin Area Beekeepers Assoc. (Co-Organizer)
- Becky Bender - Texas Master Naturalist
- Brandon Fehrenkamp - Owner of Austin Bees
- Pamela Yeamans – Certified Advanced Level Beekeeper (TMBP)
- Chuck Reburn - Certified Texas Master Beekeeper
- Ashley Ralph - Area Director Texas Beekeepers Assoc.
- Steve Butler - Owner of Company Bee
- John Swan - Owner of Wicked Bee Apiary
- Dennis Herbert - Past Pres. of the Bell-Coryell Beekeeping Assoc.
- Lance Wilson - Certified Master Craftsman Beekeeper (GMBP)

For additional information you can email Lance Wilson at lance@beekeepinghelp.com

This organization is non-profit and 100% of the proceeds of this event will be used to promote sustainable beekeeping practices and provide support to bee charities.