



# Iowa Honey Producers Association

# Conference & Annual Meeting

**Friday and Saturday, November 11 -12, 2022**

Gateway Hotel and Conference Center  
2100 Green Hills Dr, Ames, IA 50014

The 110th Birthday of the IHPA!

*"Still Going Strong!"*



Good morning,

Welcome everyone to our 2022 Annual Fall Conference. This year's conference is extra special, it's our 110th Birthday! This is a huge milestone in the history of Iowa Honey Producer's Association, and we are, "Still Going Strong!"

Whether this conference is your first or twenty first, we encourage you to soak up as much information as you possibly can. We have excellent speakers and breakout sessions this year. Ask questions, take notes, and meet your fellow beekeepers both new and old. Take time to visit our vendors, and talk to them about their products.

Be sure to thank all our new sponsors for their generosity and support of the IHPA. A special thank you to our volunteers, board members/directors, the event committee, and to the staff of the Gateway Hotel and Conference Center for their hard work for making the Conference possible.

Sincerely,  
Cheri Van Sickle



**Allison Hager**  
Mistress of Ceremonies  
Iowa Honey Queen 2022

## **Check out**



- Silent Auction for the Queen Program
- Items for Purchase for the Youth Scholarship Program
- Vendors



**Roy Kraft**  
Live Auctioneer



## **Event Committee**



**Kris Silvers**



**Cheri VanSickle**  
Event Coordinator Chair



**Kristi Osertcamp**



**Tom Hart**

# Honey Hollow

Apiary & Gardens LLC



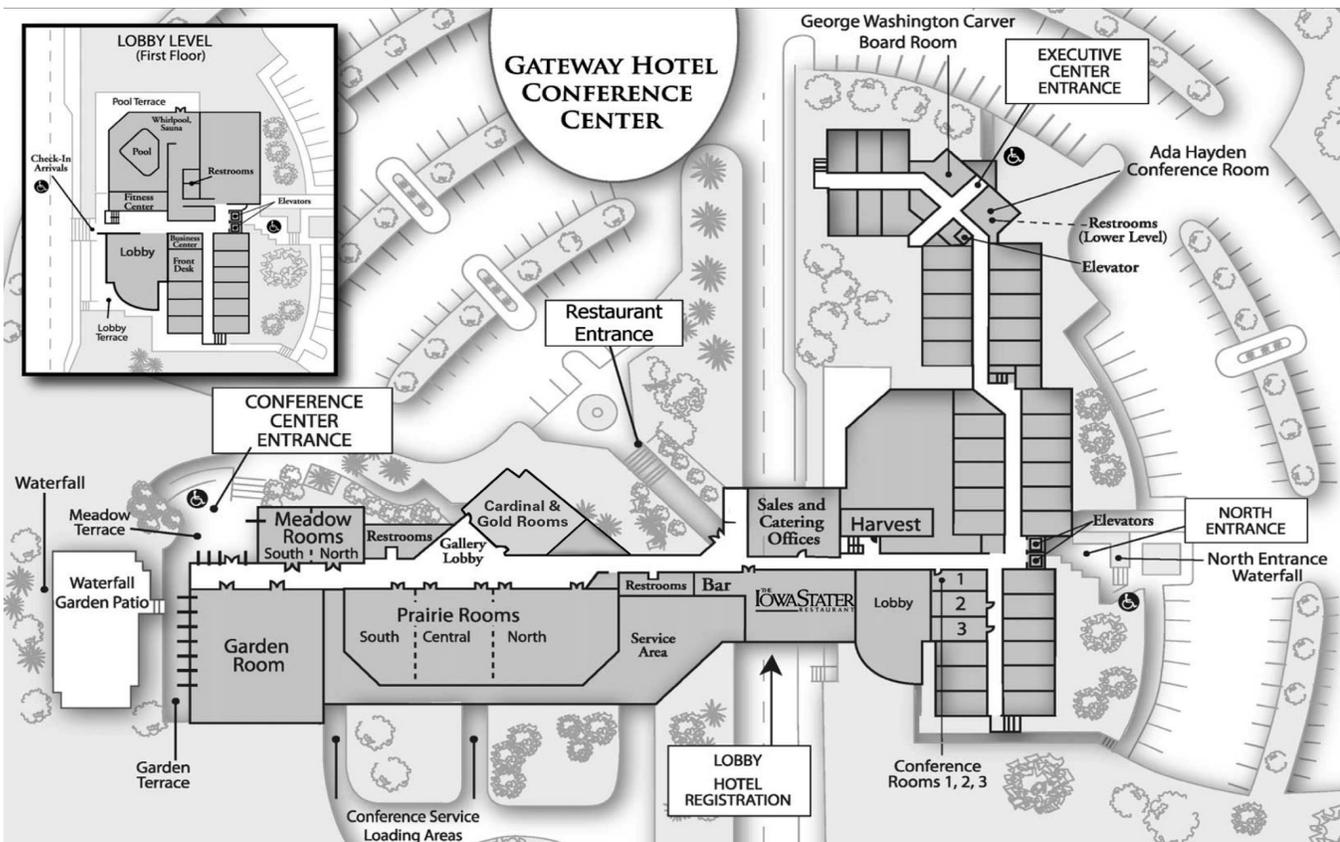
Situated in a protected valley between Des Moines and Indianola, Honey Hollow is the home to Foley's Russian Bees, Franklin Broom Works, and Little White Lye Soap. We specialize in bees, honey products, hive equipment, handmade brooms, and old world crafted soaps. If you need packages, nucs, or queens for 2023 in either Carniolan or Russian breeds, we can help you out!



13778 Summerset Rd, Indianola, IA 50125

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

515-991-4666



## Friday, November 11

Time	Activity	Location
7:00-7:45	Registration Vendors	Follow signs Cardinal and Gold Room
7:45	Cheri VanSickle, Event Coordinator Jason Foley, IHPA President Call to Order and Welcome Allison Hager, IHPA Queen, Mistress of Ceremonies	Prairie Room North Prairie Room Central
7:50	Mayor of Ames, John Haila	Prairie Room North Prairie Room Central
8:00-8:55	Factors That Affect the Reproduction Quality of Queens and Drones -Juliana Rangel Posada	Prairie Room North Prairie Room Central
9:00-9:15	Relationship Between Beekeepers and Prairie Strips through Survey Participation -Morgan Kaardal	Prairie Room North Prairie Room Central
9:15-9:30	Door Prizes    Break    Visit Vendors, Meet & Greet- Nominations for Officers	Prairie Room North Prairie Room Central
9:30-10:25	American Bee Journal and the Golden Age of Beekeeping -Eugene Makovec	Prairie Room North Prairie Room Central
10:25-11:00	State Apiarist Report, Andy Joseph Mike Naig, Secretary of Agriculture	Prairie Room North Prairie Room Central
11:00-12:00	Brood Factories -Michael Palmer*	Prairie Room North Prairie Room Central
12:00	Queen Luncheon	Garden Room
12:45-1:15	Breakout Sessions Block 1 - <i>Choose One, See Page 8</i> <ul style="list-style-type: none"> <li>● <i>How to Setup a Certified Kitchen</i></li> <li>● <i>Mushroom Extracts vs Viral Levels in Colonies</i></li> <li>● <i>Why Bee Stings are a GOOD Thing</i></li> </ul>	Prairie Room North Prairie Room Central Harvest Room
1:15-1:45	Breakout Session Block 2 - <i>Choose One, See Page 9</i> <ul style="list-style-type: none"> <li>● <i>How to Set up a Certified Kitchen</i></li> <li>● <i>Mead Making</i></li> <li>● <i>How to Make Comb Honey</i></li> </ul>	Prairie Rooms North Prairie Room Central Harvest Room

1:45-2:00	Door Prizes Break Visit Vendors, Meet & Greet- Nominations for District Directors	Prairie Room North Prairie Room Central
2:00-2:55	Reading the Comb* -Randy Oliver	Prairie Room North Prairie Room Central
3:00-3:45	Managing Small Hive Beetles and Stress Pests -Barbara Bloetscher	Prairie Room North Prairie Room Central
3:45-4:00	Door Prizes Break Visit Vendors	Prairie Room North Prairie Room Central
4:00-4:45	Nutrition Overview for Honey Bees -Jerry Hayes	Prairie Room North Prairie Room Central
4:45	IHPA Annual Meeting	Prairie Room North Prairie Room Central
4:45-5:10	Legislative Report -Jim Obradovich & Jamie Beyer	Prairie Room North Prairie Room Central
5:10-6:15	IHPA Annual Meeting <i>(meeting may be tabled until Saturday morning from 7:00-7:45, if needed)</i>	Prairie Room North Prairie Room Central
6:15-6:45	Social Hour: Join us for the IHPA 110th Bday Party!  Meet and Paint Session, The Mulberry Patch	Prairie Room North Prairie Room Central
6:40	<b>Door will be closed until 6:40 to get ready for banquet</b>	Garden Room
6:45	Banquet	Garden Room
6:45-6:55	Meal - Juliana Rangel Posada Awards	Garden Room
Time to follow	Live Queen Auction	

\*via Zoom Subject to Change



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Perry, Iowa

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#50 bucket honey \$169.50 (\$3.25/lb + \$7.00 bucket)

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We send 55-gallon drums to Honey Acres to have put into styx.

**Beeswax: Raw-\$4.50/lb    Filtered-\$6.95/lb**

## Candles & Bath and Body Products

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Pollen Patties: Case of 40 is \$95.00

Single Patties for \$2.50 each

Corn Syrup: .40/lb. (your container) 500lb+ .35/lb.

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**We will have Packages Bees, Nucs and Singles Available in the Spring**

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

**We do not keep regular store hours. Call Connie @ 515-480-6076**



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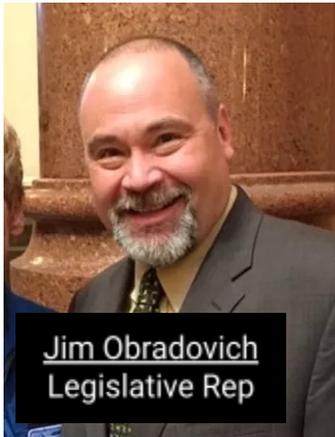
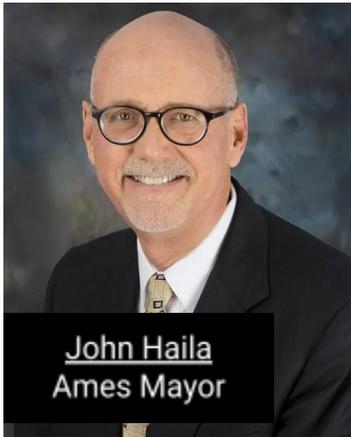
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## Saturday, November 12

Time	Activity	Location
7:00-7:45	Registration Vendors	Follow signs Cardinal and Gold Room
7:00-7:45	<i>Remainder of IHPA Annual Meeting, if needed from Friday</i>	Prairie Room North Prairie Room Central
7:45-8:00	Announcements Door Prizes	Prairie Room North Prairie Room Central
7:55-8:50	The Biology of Mating -Juliana Rangel Posada	Prairie Room North Prairie Room Central
9:00-9:50	Confirmation Bias -Jerry Hayes	Prairie Room North Prairie Room Central
9:50-10:05	Door Prizes    Break    Visit Vendors	Prairie Room North Prairie Room Central
10:05-11:00	The State of Beekeeping in the United States -Eugene Makovec	Prairie Room North Prairie Room Central
11:00-12:00	Concepts in Varroa Management* -Randy Oliver	Prairie Room North Prairie Room Central
12:00-1:00	Scholarship Luncheon	Garden Room
1:00-1:30	Breakout Session Block 3 - <i>Choose One, See Page 10</i> <ul style="list-style-type: none"> <li>● <i>Farmers' Markets</i></li> <li>● <i>ABC's of Beekeeping: The In's and Outs of Beekeeping</i></li> <li>● <i>Phenology - The Effectiveness of Monthly Planning</i></li> </ul>	Prairie Rooms North Prairie Room Central Harvest Room
1:30-2:00	Small Hive Beetle Biology and Control -Atreya Manaswi*	Prairie Room North Prairie Room Central
2:00-3:00	Seasonal Management of Double Nuclei -Michael Palmer*	Prairie Room North Prairie Room Central
3:00-3:15	Door Prizes    Break    Visit Vendors	Prairie Room North Prairie Room Central
3:15-4:00	Announcements, Closing Remarks & <b>MAJOR Door Prizes</b> <i>Must be present to win</i> <ul style="list-style-type: none"> <li>● Free registration to 2023 conference-\$80 value</li> <li>● Free Meal Ticket to Queen Luncheon 2023 -\$24 value</li> <li>● Free Meal Ticket to Youth Scholarship Lunch 2023- \$24 value</li> <li>● Free One Membership to the IHPA for 2023 -\$30 value</li> </ul>	Prairie Room North Prairie Room Central

**Honorary Guests**



**Breakout Sessions - Block 1 (Choose One of the Three)**

**How to Setup a Certified Kitchen**

Question and answer type forum to explain what all is needed at various levels of producing and selling home made goods. This will be an excellent opportunity to learn about the new rules that have come out in the last year and how they could impact you.

**Kurt Rueber, [kurt.rueber@dia.iowa.gov](mailto:kurt.rueber@dia.iowa.gov)**



**The Impact of Mushroom Extracts on Viral Levels in Production Honeybee Colonies**

In 2018, a study was released showing that mushroom based antiviral treatments could greatly drop viral loads in honeybees. I got curious how those treated hives fared long term, but discovered the data only followed 2 weeks post treating. Listen to my story of curiosity that led to grant writing and how honey production was impacted with results from my Iowa based research grant.

**Tyler Lane, [tcsteffes@gmail.com](mailto:tcsteffes@gmail.com)**



**Why Bee Stings are a GOOD Thing**

Ever wonder if you are at risk for developing severe allergies to bee venom? Have you heard stories about beekeepers having anaphylactic reactions? In this talk we will discuss the science of bee stings, what normal reactions to stings look like, and why getting many stings throughout the year may be right for you!

**Randall Cass, [randall@iastate.edu](mailto:randall@iastate.edu)**



**Breakout Sessions - Block 2 (Choose One of the Three)**

**Mead Making**

Now that you are a successful beekeeper producing lots of really great honey, How about making mead with your golden bounty? Learn the basics of mead making from a medal-winning mead maker / beekeeper. Mead is one of the easiest alcoholic beverages to produce, with just a few tips to get started.

**Andy Hemken, [andy@hemkenhoney.com](mailto:andy@hemkenhoney.com) / [hemkenhoney.com](http://hemkenhoney.com)**



**How to Make Comb Honey**

Learn the tricks and techniques employed by commercial beekeepers who supply stores across Iowa and the IHPA's state fair booth with cut comb!

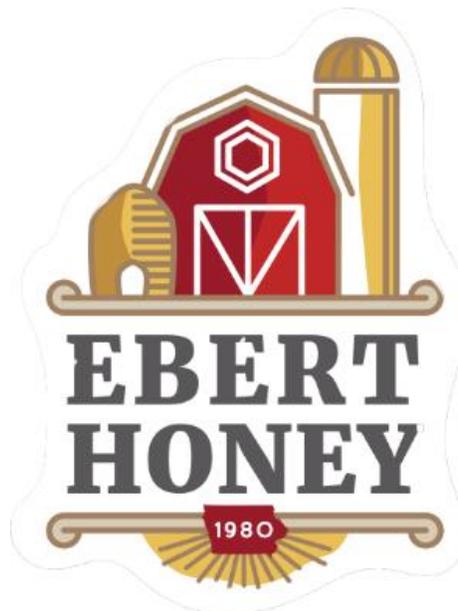
**Phil Ebert, [ehoney37@netins.net](mailto:ehoney37@netins.net)**



**How to Setup a Certified Kitchen**

Question and answer type forum to explain what all is needed at various levels of producing and selling home made goods. This will be an excellent opportunity to learn about the new rules that have come out in the last year and how they could impact you.

**Kurt Rueber, [kurt.rueber@dia.iowa.gov](mailto:kurt.rueber@dia.iowa.gov)**



**Breakout Sessions - Block 3 (Choose One of the Three)**

**Farmers' Markets**

Thinking about making some money with the products of your beehive, to help pay for your hobby/addiction? Learn about the benefits of selling at farm markets and fairs, with information gleaned from 20 years of market experience.



**Andy Hemken, [andy@hemkenhoney.com](mailto:andy@hemkenhoney.com) / [hemkenhoney.com](http://hemkenhoney.com)**

**ABC's of Beekeeping: The In's and Outs of Beekeeping**

Are you wanting to get to know other beekeepers and what practices they use for different times of the year? Are you wondering about queen rearing, feeding your bees, mite treatment, and more? This interactive session will allow for audience participation with a semi-structured lesson from A-Z about keeping bees.



**Kelsey Wigans, [kwigans@gcb.k12.ia.us](mailto:kwigans@gcb.k12.ia.us)**

*Assistants: Lily Hoover, Olivia Dickey, and Reese Benjamin*

**The Effectiveness of a Monthly Phenology Planner**

Julia inherited her honey bees when her daughter, a Youth Scholarship winner, left for college. Since then, Julia has captured swarms, removed bees from trees, taught beekeeping classes, and continued her local club meetings. Being involved in the Women, Food, and Agriculture Network and the Iowa Farmers Union put her in touch with civic engagement, research, and outreach, leading her to create BeeLaws.org and authoring the Phenology Planner for Beekeepers.



**Julia McGuire, [wdmjulia@gmail.com](mailto:wdmjulia@gmail.com)**



**Relationship Between Beekeepers and Prairie Strips through Survey Participation**

Morgan grew up in Minnesota and received a B.S. in Economics from the University of St. Thomas in Saint Paul, Minnesota. After graduation she worked for an economic development organization helping companies located in the Twin Cities, or helping local companies expand. During this time, she worked with many innovative agriculture companies that were attempting to mitigate the environmental impact of agriculture, but came up against systematic barriers. This inspired her to pursue a master's in Sustainable Agriculture focusing on economic incentives for sustainable practices. My research focuses on possible value-added benefits of the conservation practice of prairie strips, specifically pollination habitat for bees.



**Morgan Kaardal, [mkaardal@iastate.edu](mailto:mkaardal@iastate.edu)**

**State Apiarist Report**

Andy has served as State Apiarist with the Iowa Department of Agriculture & Land Stewardship since 2008. Additionally he and his family run Meadow Blazing Star Honey, a small bee & honey business. They live in Des Moines.



**Andy Joseph, [andrew.joseph@iowaagriculture.gov](mailto:andrew.joseph@iowaagriculture.gov)**



## Intensive Courses

### Day 1-

- **Factors That Affect the Reproduction Quality of Queens and Drones**
- **Keynote Speaker at the Friday Banquet - Ecology of Africanized Honey Bees in the USA**

### Day 2 - The Biology of Mating

**Juliana Rangel Posada, jrangel@tamu.edu**

Juliana Rangel Posada is an Associate Professor of Apiculture in the Department of Entomology and leads the Texas A&M University Honey Bee Research Program. She studies biotic and abiotic factors affecting bee health.



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### Day 1 - American Bee Journal and the Golden Age of Beekeeping

### Day 2 - The State of Beekeeping in the United States

**Eugene Makovec, editor@americanbeejournal.com**

Editor of American Bee Journal, is a 25-year, third-generation hobbyist beekeeper with about a dozen colonies. He is currently President of Three Rivers Beekeepers in St. Charles County, Missouri, has been active in several other local clubs and the Missouri State Beekeepers Association, and is the only two-time Missouri Beekeeper of the Year (2006 and 2015). He made a brief foray into politics in 2015, when he spearheaded a successful effort to deregulate the sale of honey in Missouri, removing honey from the “jams and jellies” law (and beekeepers from their “food processor” status) and thus allowing thousands of the state’s beekeepers to sell their product through retail outlets without benefit of a commercial kitchen.



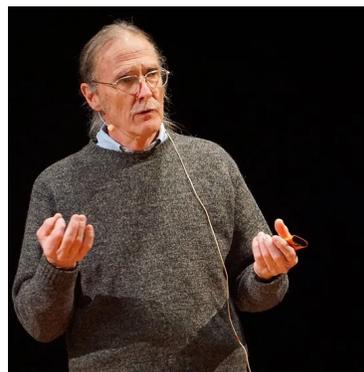
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### Day 1 - Brood Factories

### Day 2 - Seasonal Management of Double Nuclei

**Michael Palmer, michael.lowe.palmer@gmail.com**

Michael Palmer’s beekeeping career started in 1974 when he took a beekeeping course and started off with just a couple hives from Bedford, Quebec, Canada. In 1979/1980, he bought a hundred hives from Better Bee and bought nucleus colonies (nucs) from a friend because back then, prices were pretty low. By 1982, he bought another hundred hives and was up to 200. During this period, he was working the fall, winter, and spring in the sugar woods and when he was done with that, he went to work in an orchard in New York state where they had 500 hives, which then put him at over 700 hives. Michael worked for them for four years and then bought their bees.



By 1992/1993 a few years after tracheal and Varroa mites became a huge problem, Michael lost a lot of his bees. In 1998, he went to visit Kirk Webster in Vermont and “that’s where the real change [was] for me,” says Michael, “to be able to raise my own [queens].” Michael says when you’re trying to run a commercial operation, you can’t spend all your money on something you can make, so his visit to Kirk Webster’s operation got him started on raising his own queens. From then on, he saw the quality increase.

Michael’s current setup includes a mating yard in the middle of about five to six of his apiaries where he gets his drones and where he tries to put good stock. Michael does not buy queens. “If I buy a queen or trade with someone, it’s for breeding purposes, not for production queens,” says Michael.

Since becoming a beekeeper, Michael has shared his nuc and queen rearing project information with everyone, largely through YouTube videos. He’s really pleased at how many people are now wintering nucleus colonies. He also feels fortunate in how much he gets to travel. “We go all over the world doing talks on bees and wintering nucs and raising queens,” says Michael. “Two weeks in New Zealand, three weeks in England...it’s pretty amazing [to] meet all the beekeepers and see what they do and their differences.”

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## **Day 1 - Reading the Comb**

## **Day 2 - Concepts in Varroa Management**

### **Randy Oliver, [randy@randyoliver.com](mailto:randy@randyoliver.com)**

Randy Oliver is the owner of Golden West Bees in northern California – about 1,000 colonies providing migratory pollination services for almonds and producing nucs and honey for sale. But he is much more widely known as the voice of ScientificBeekeeping.com website, which he started as a place where he could give beekeepers an objective, understandable look at new research coming out in the scientific journals.



Randy grew up in a home that “abutted the rich wildlands surrounding the Upper Newport Bay in Southern California – an ideal place for a budding biologist.” By the time he was in high school, Randy was also apprenticing after school to a sideline beekeeper who ran several hundred hives. He went on to college at the University of California Irvine, at first in marine biology, but then shifting to entomology. At that time, he was keeping a few hives as a hobby, but Randy was not yet seriously into bees. Instead, he was working nights, weekends, and during the Summer at restaurants and construction to pay his way through college.

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## **Managing Small Hive Beetles and Stress Pests**

As the title implies, this is a comprehensive talk concerning hive beetles and other problem pests like wax moths, etc.

### **Barbara Bloetscher, [bbloetscher@gmail.com](mailto:bbloetscher@gmail.com)**

Bloetscher is the Ohio State Apiarist, who oversees the Apiary Program, which includes monitoring the County Inspectors, queen inspection program and registration of apiaries. She inspects colonies as needed in counties with no inspector and also trains and assists County Inspectors. She also addresses problems such as pests and diseases of bees, aggressive colonies, and neighbor squabbles; and answers a myriad of phone and email questions. Bloetscher works with the media to relay information about honey bees and also identifies insects and other arthropods on plants and objects that are submitted by the Plant Health Inspectors and the public.



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## Day 1 - Nutrition for Honey Bees

An overview for honey bees.

## Day 2- Confirmation Bias

How we all listen to sources of information that are inaccurate with vetted data

**Jerry Hayes, gwhayes54@yahoo.com**

Jerry Hayes started out in life as a High School teacher. He hated it. He went into another business where he worked with a beekeeper. Back many years ago Jerry knew about Honey Bees but nobody actually knew a ‘Beekeeper’, did they? Jerry asked him questions, picked his brain, became more interested and fascinated and started reading everything he could get his hands on about Honey Bees. He turned into the consummate backyard beekeeper. He did all the fun and crazy things backyard beekeepers do and built and experimented with. He wondered if he could get into the Beekeeping world and support a young family. So, with the support of his family he went back to school under the tutelage of Dr. Jim Tew, at Ohio State University. “Third Best thing he ever did”, Jerry said.



Years later he looks back on his opportunities as a Research Technician at the USDA/ARS Baton Rouge Bee Lab, Dadant and Sons Regional Mgr., Dadant and Sons New Product Dev., and AR Mgr., Chief of the Apiary Section for the Florida Dept. of Agriculture and Consumer Services, Monsanto Honey Bee Health Lead, VP. of Vita Bee health North America and now Editor of Bee Culture magazine with awe and amazement.

Add to the above the Classroom Q&A Column of the American Bee Journal for almost 40 years, the ‘Classroom’ Book, Author or Co-Author on 23 research papers and a variety of Honey Bee related articles in a variety of publications. Plus, Past President of Apiary Inspectors of America, Heartland Apiculture Assoc., Colony Collapse Working Group, CAPS Science Advisor, PAm Science Advisor, AHPA Science Advisor and many Professional Presentations internationally and media opportunities. And Now Editor of Bee culture magazine. It has been a Great Journey.

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## Small Hive Beetle Biology and Control

He has performed research on effective organic agents for small hive beetle treatment and will be sharing a comprehensive review on the small hive beetle and its behavior/biology. He will also be sharing his novel research findings in his presentation.

**Atreya Manawsi**

Atreya Manaswi is a 10th grade student at Orlando Science High School in Orlando, FL. He has been involved in university level laboratory academic research since the age of twelve and has won regional, national, and international awards for his extensive honey bee conservation research. In his four years of honey bee conservation research, the USDA, and University of Florida (UF) have funded his novel research projects. In 2021, he was recognized as one of the nation’s leading top 30 youth scientific minds in the prestigious Broadcom MASTERS STEM Competition amongst 10 million students across the country each year. Amongst this pool of top 30, he was recognized as the 1st place national winner in the category of Scientific Research. In 2022, he was selected as the winner of the At-Large BioGENEius Challenge (as one student from across the entire US) and qualified for the 2022 International BioGENEius Challenge where he was named the highest honors awardee. He is also a very active public speaker and actively uses STEM as a catalyst to make positive reform in the community. In July 2022, he was also invited to speak at the United Nations CBD’s GYBN on his honey bee research as an invited speaker.



Through his speaking at various forums across the globe, he has impacted an audience of 21,000 individuals. Atreya is also an enthusiastic actor and performing artist having been involved in countless theatrical productions since the 3rd grade, often starring as the lead antagonist role. Recently, Atreya played the lead role in a play at his school which focused on mental health/suicide awareness. He is also a practiced acoustic guitarist, having played for 5+ years, and enjoys playing for his community. He holds a 2nd degree black belt in Taekwondo which he has pursued for the last 8 years. All in all, Atreya is a high-energy, dedicated, motivated, and passionate individual with a willingness to grow and share his experiences with others. He takes pride in being a youth STEM leader with a fervent belief in the power of science and the youth's ability to transform our globe.

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## *Thank you!!!*

Thank you, to each of you for making our 2022 Annual Fall Conference a success! As you know this was an extra special year also, being it was our 110<sup>th</sup> Birthday. I hope everyone had a chance to meet our new beekeepers, along with renewing friendships of those members we haven't seen for awhile.

Our Conference couldn't have occurred without our great national and breakout speakers. Their knowledge has educated and challenged each of us to try new and different approaches. You can't help but know the future of the beekeeping industry is in good hands after listening to and seeing our youth working very hard on new ideas and approaching the future with enthusiasm and confidence.



We don't know what the future holds for each of us. With times getting tougher, it is very important to give our vendors, sponsors, and donors a "Big Thank You!" Without their assistance, some of the special aspects of this event wouldn't have been possible. We can't forget all the members who purchased items from our IHPA vendors. These purchases will help assist our different programs for 2023. This year the email addresses of the speakers and vendors have been included in the program. Please take a moment during the breaks or when you get home and send them a note of appreciation for participating in this year's conference.



The old saying, "It takes a village to raise a child." Well, it takes an association to put on an annual conference. A special thank you to our Event Committee. I would also like to thank Kelsey and Jason for getting our Conference information out "around the world!"

Thank all of you once again for coming to our 2022 Annual Fall Conference.

Have a safe trip home and Happy Holidays!

Cheri Van Sickle



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**BUSINESS NETWORK**



**FARMERS**<sup>SM</sup>

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**BUSINESS NETWORK**

## Iowa Honey Producers Association Conference Evaluation

**Please complete this form and return to the purple evaluation boxes.**

1. We have had feedback that it might be better if this event was hosted over Saturday/Sunday given most workplaces do not recognize Friday as a paid holiday. Please let us know if this would be **better** or **worse** for you? Also if you might be interested if this grew into a **three day event**?
  
2. Over the last two to three years IHPA has turned around our budget, and are now making a profit, with new fundraising opportunities in the future. Please select your **top two choices** for how funds are invested.
  - Bigger annual conference (more speakers, days to the event, etc)
  - IHPA to bring down costs on one or both of the yearly events
  - Budgeting for one of the youth programs (queen, youth scholarship, memorial scholarship)
  - New programs/events
  - Bigger summer field day
  - (Your own idea)\_\_\_\_\_
  
3. On a scale of 1 to 5 where 1 = Very dissatisfied and 5 = Very satisfied, please rate the following aspects of your conference experience.

	Very dissatisfied 1	Somewhat dissatisfied 2	Neither satisfied nor dissatisfied 3	Somewhat satisfied 4	Very satisfied 5
Intensive courses					
Sessions via Zoom					
Variety of content					
Relevance of content					
Ease of conference navigation					
Location of conference					
Quality of food					
Amount of food for price					
Registration fees					
Business meeting length					
Flow of conference (breaks, variety of topics, networking)					
Items at the Auction					
Friday night programming					
The registration process made it clear what would be available					
Variety of Vendors					

4. Would you enjoy having the option of going to one long talk (60-90+ mins) at the same time as a variety of breakout sessions (30-45+ mins)? **Yes** **No**
5. On a scale of 1 to 5 where 1 = very poor and 5 = excellent, please rate the following conference sessions that you attended.

	Very Poor 1	Somewhat poor 2	Neither poor nor excellent 3	Somewhat excellent 4	Excellent 5	n/a
Day 1						
Welcome/Introduction						
Juliana Rangel Posada-Queens & Drones						
Morgan Kaardal-Prairie Strips						
Eugene Makovec-American Bee Journal						
Andy Joseph-State Apiarist Report						
Mike Naig-Secretary of Ag						
Michael Palmer-Brood Factories						
Queen Luncheon						
Randy Oliver-Reading the Comb						
Barbara Bloetscher-Small Hive Beetles & Stress Pests						
Jerry Hayes-Nutrition for Bees						
Legis. Report-Jim Obradovich						
Annual Meeting						
Social Hour						
Meet and Paint Session						
Friday Banquet Meal						
Awards						
Live Queen Auction						
Other comments?						

	Very Poor 1	Somewhat poor 2	Neither poor nor excellent 3	Somewhat excellent 4	Excellent 5	n/a
Day 2						
Juliana Rangel Posada-Biology of Mating						
Jerry Hayes-Confirmation Bias						
Eugene Makovec-State of Beekeeping in the US						
Randy Oliver-Varroa						
Atreya Manaswi-Hive Beetles						
Michael Palmer-Swarm Prev.						
Variety of Vendors						
Door Prizes						

6. What types of items would you like to see at the live auction:

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7. Please share any suggestions for presenters or topics for future events (if you have specific speakers, audience, or topics in mind, please list them here.)

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8. (Optional) If you've had a good experience at this conference and are willing to share a testimonial (that could be used publicly) please share it here.

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9. If you have suggestions for potential sponsors or vendors that we should contact for next year's conference, please share ideas here.

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10. If interested in being a vendor next year, please list your first and last name and contact information:

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