

THE BEELINE

Official Newsletter of the Central Iowa Beekeepers Association



ISSUE

Winter 2019

Editor: Valerie Just

UPCOMING SEMINAR INFORMATION

Saturday, January 18, 2020

8:30 a.m. – 4:30 p.m.

Grimes Community Complex

410 SE Main Street

Grimes, IA

WINTER SEMINAR

See seminar details on Page 3!

Any questions contact:

Linn Wilbur

(515) 382-4882

lwilbur50201@gmail.com

NEWSLETTER ARTICLE SUBMISSION

DEADLINE: February 1, 2019

Email Submissions

beyersbog@aol.com

Mail Submissions

Jamie Beyer

269 U Avenue

Boone, IA 50036

We encourage you to receive the newsletter via email; however, we understand if electronic delivery is not for you! You may make updates to your subscription, or add a subscription by sending a notification to:

justiowahoney@gmail.com

FROM THE PRESIDENT, JAMIE BEYER

Central Iowa Beekeepers members are assisting the Ames High School Bee Club in fund raising for their club. Several of you have donated honey to them so they can sell at various events before Christmas. Thanks to you for these generous donations. If you want more information on the club, here is the website:

<https://ahsbeeclub.wixsite.com/savethebees>

I am assisting the club by mentoring them in their set-up of two hives this coming spring. The IHPA generously donated \$1,100 to purchase the hives, equipment and bees to get them going. It might not be enough dollars for everything since they basically have nothing to start with. However, with their fund raising of selling donated honey -- they will have plenty!!

I can see other central Iowa high schools doing the same so if you have a connection, have them contact me. The example that AHS is setting will serve as guide for other schools as to how they can go about it.

The Program Committee has been working very hard on the Winter Seminar coming up on Sat., January 18, 2020. It is going to be an event that any Iowa Beekeeper will **not** want to miss. What a great way to spend a winter day!! Be sure to read what the committee has put together for us later in this issue of the Beeline. Get those registration forms in early since the Community Complex in Grimes has limited seating. Unique presentations, great food and great connections is what it is all about!! If you want to assist in helping the committee that day -- they can use the extra help. So, contact Ann Wilbur at (515) 291-6203 if you can assist.

I also want to mention that your Directors have been meeting on almost a monthly basis to take care of a lot of CIBA's organizational nuts and bolts. If we did not do this then our membership meetings would be a marathon. We do have a 6:00 PM [meeting](#) scheduled on Thursday, January 2, 2020, at Café Diem in Ankeny. All of our membership is welcome to the meeting -- if you want to come, please do.

Lots more to say but it will wait until next month's President's Report in the email newscast.

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Editor's Document Navigation Tips

1. **Table of Contents:** Hover over any section of the Table of Contents, then hold the CTRL button down on your keyboard. This action will create a pointing finger image - press the left button on your mouse on any section of the Table of Contents to go directly to that section.
2. **Document navigation:** No matter where you are in this document, if you press the CTRL + Home buttons on your keyboard concurrently, the action will take you to the top of the Beeline. You can then scroll to page 2 to gain access to the Table of Contents to navigate the entire document using guidance in bullet number 1.





CIBA Business



Winter Seminar - Mark Your Calendars

The CIBA January meeting will be the all-day CIBA Winter Seminar held Saturday, January 18, 2020, at the Grimes Community Complex, 410 SE Main Street, Grimes, Iowa. The keynote morning speaker is Dr. Larry Connor, Kalamazoo, Michigan, followed by Dr. Judy Wu-Smart and Mr. Sheldon Brummel, University of Nebraska-Lincoln in the afternoon.

The Winter Seminar fee is \$35 for CIBA members and \$40 for non-members which includes a catered luncheon featuring Iowa comfort food. Additional information, speaker bios, and a mail in registration form is included as additional pages; [reference pages 13-15](#) in this BEELINE. This is great opportunity to listen to outstanding speakers on issues all beekeepers face, a chance to talk with beeks from across Iowa, as well as enjoy lunch and breaks with good things to eat. Hope to see you at this meeting.

Get your registration in early as seating is limited to 225 and these speakers are not in Iowa often.

March 2020 Meeting Program

Jason Foley, Foley's Russian Bees & Beekeeping Equipment, Indianola, Iowa, will give a talk describing multiple ways to rear queen bees. Jason is a master beekeeper and recently elected District 5 Director for the Iowa Honey Producers Association. Further details on time and location of the March 21, 2020, meeting will be on the CIBA webpage and via the CIBA Facebook page early in 2020 and in the March 2020 BEELINE. Reserve this date as Jason's talk addresses methods for raising bees useful for everyone.



January Board Meeting

When: Thursday, January 2, 2020
Time: 6:00 PM
Where: Café Diem
2005 S. Ankeny Blvd, #800
Ankeny, IA 50023

Members can attend the board meetings – hope to see you there!!

September 21, 2019 Membership Meeting Minutes

Notes submitted by Trisha Hedges, transcribed by Valerie Just

- Auction will be April 18, 2020. A new Chairman is needed. Margaret Hala volunteered to assist a new chairman.
- IHPA Conference on November 8th and 9th at Airport Hotel Holiday. More information is available on the IHPA website.
- Our next meeting is on November 16, 2019. Charles Carpenter will be the speaker. He is a retired beekeeper with 30 years of experience and also does candle making.
- Winter seminar will be January 18, 2020, from 8:30 a.m. to 4:30 p.m. Two of the three speakers have confirmed attendance. Dr. Judy Wu-Smart with University of Nebraska-Lincoln. She is the Director of the UN-L Bee Lab. Sheldon Brummel, also with the UN-L Bee Lab, is the Coordinator for the Great Plains

Master Beekeeping Project. Keynote speaker will be Dr. Lawrence Connor. He is a former professor at University of Ohio and an author. Two of his noteworthy books are, "Keeping Bees Alive" and "Increase Essentials".

- Abigail Kelly discussed the Queen Committee. Posted on the CIBA website is an application for the 2020 Honey Queen / Ambassador. The changes are the age limit – it has been updated to age 16-20. Deadline for applications is December 1, 2019. For the upcoming year, recommendations are to set-up programs and events earlier, as the events book early in the year. Abigail was at Ragbrai on July 23, 2019 – she visited the Pumpkin Patch, did trivia games and had a honey tasting contest. She attended the Warren County Fair on July 26, 2019. During the State Fair, she spent 8 of the 11 days at the fair and worked at the IHPA booth. She also did candle rolling and a presentation through 4-H on helping honey bees. She also spent time with the American Honey Queen and interviewed with WHO TV 13. Abigail participated in cooking with honey demonstrations. Our CIBA queen started queen clubs in different areas of central Iowa.
- Mike Sander discussed that the website is up and running and any feedback on the website needs to be given to Mike. Jamie Beyer discussed his pride in the Beeline. Laura Miller is stepping up to take the role of Beeline editor after the first of the year. USDA NASS Farm Surveys will be coming out regarding loss of bees next month and we can request results of survey.
- Pat Ennis was our keynote speaker. Linn Wilbur presented information on various mite treatments, as well as information on the decrystallization of honey.

Call to Action

2020 Membership Dues

Time really does fly, and it is that time of year again to determine if you want a single or a family CIBA membership. Membership in CIBA runs on a calendar year, January 1 to December 31. If you have not done so already, membership for 2020 is now due. We've included a [membership form](#) with this Beeline edition. Dues are as follows:

- \$10 for a Single Membership
- \$15 for a Family Membership whereby members are residing at the same address
- Waived for a new beekeeper taking a Central Iowa beekeeping class this year

As a reminder, you must be a current member to participate in the election of officers and directors at the March meeting. Membership forms will be available at the Winter Seminar in January, the March CIBA meeting or you can send your payment (checks should be made payable to CIBA), with a completed membership application form, to:

Valerie Just
4609 Crestmoor Drive
Des Moines, IA 50310

NOTE: IF YOU HAVE PAID IN ADVANCE FOR MEMBERSHIP DUES OR HAVE AN HONORARY MEMBERSHIP, I WILL BE SENDING AN ELECTRONIC VERSION OF THE MEMBERSHIP FORM TO YOU VIA EMAIL. PLEASE COMPLETE IT, AND SEND IT BACK TO ME. YOU CAN ALSO COMPLETE A PHYSICAL COPY AT THE AFOREMENTIONED MEETINGS.

Membership – Selecting How You Receive Club Information

When you fill out your membership application each year you have the option of selecting how you receive information from CIBA. Options are electronically, via mail or both.

If you select **electronic delivery** you will receive all BEELINE newsletters, meeting reminders, special information, By-Law proposed changes and the membership directory by electronic delivery, primarily via email. This method is the most cost and time effective method of delivering information to CIBA members. Selection of only electronic delivery is both an effort and cost saving measure. It allows CIBA to use funds and our officers time otherwise required for USPS mailings to be used towards other CIBA needs.

If you select **mail delivery** you will receive the BEELINE and By-Law changes by USPS mail delivery but **will not receive any of the other information**. Exception to this is when meetings occur in months when the BEELINE is not published. A meeting reminder postcard will be mailed those months informing members of the meeting date, time, location and speaker.

If you select both methods of delivery you will receive all the information via electronic delivery and a mailed copy of the BEELINE.

If you are joining CIBA by our complimentary one-year membership for new student beekeepers taking a Central Iowa beekeeping class, you will receive information electronically.



Iowa Department of Agriculture and Land Stewardship News

News from our State Apiarist, Andy Joseph

By Andy Joseph

Hello.

Hope everyone had good opportunity to tuck their bees in well for winter. It's sunny and pretty decent out there today as I'm writing, but we've been through some stuff already. This is my first afternoon in the office in quite a while. We have a pretty large number of beekeepers here and there across the state who send their bees either south or to CA almonds for winter. Man, the number of people sending to almonds from here has grown over the last several years. It's an all-out scramble for all involved – lots of work to be done between when the honey is pulled off and when they get loaded out. Every fall is different in terms of weather / temperature cooperation.

Our season shut off pretty quickly this year, but we've definitely had worse years to contrast with in terms of rain and mud and snow... Things seemed to go well for nearly all beekeepers this fall. Heavy food stores in some areas meant little feeding was necessary, while other parts required a lot of syrup to get the boxes heavy. Mite numbers were better this season than the past couple years. Nearly everyone certainly found it necessary to treat to knock down the mites, but we didn't seem to have the huge counts found the last couple fall seasons. Additionally, the treatments used seemed to do their thing effectively – while in the last couple seasons several have reported trouble with getting their mites killed while trying to properly follow the product label. Small hive beetle numbers were down too. Another striking contrast in Nosema infection – last fall and winter many beekeepers struggled with dwindling / dying colonies and I saw some of the highest Nosema spore counts I've ever seen. Happy to report things looked way better this fall.

All these comparisons serve to say we've had quite a year, most of it being good. Honey really came in, once it finally got rolling. And I've seen a lot of really good-looking bees ready for whatever winter brings. It's great to be able to have so many positives to report, since we're all too aware that beekeeping can sure be tough.

I believe my job is different from most other state / regulatory positions in that there's quite a personal component to what I do. I've known many of you for well over decade now, and even if we just meet up once or twice per year on this professional sort of basis, I've come to think of a whole lot of you as friends. One thing's for sure: there's been way too much hardship in people's personal lives here recently. Health problems, loss of loved ones, family troubles, accidents ... no need for any details here of course. In this regard, it's been a pretty overwhelming season.

Without wanting to sound sappy, we've got to take care of ourselves and we've got to take care of each other. As the holidays and the end of the year are coming up on us, I'm looking for 2020 to be a happier, easier, and healthier year! Happy Thanksgiving / Merry Christmas ... whatever the next upcoming holiday is whenever you read this. Enjoy yourselves, have some fun, maybe even get some rest, because spring will get here soon enough!

See you all.

Andy

Liquifying Crystalized Honey

By Linn Wilbur

Editor's Note: Linn presented this information at our September/Fall meeting.

If you keep honey around for any length of time, at some point you will deal with honey that has "sugared." It can be anything from that pail of honey that is as hard as a rock to the filled glass jars you want to sell that are just starting to get cloudy. Crystallization is a natural process for almost all honey and in years past was the way honey was sold in bulk. In England our liquid honey is called "runny honey" and many Europeans prefer the crystalized form. There is a similar demand in Canada.

Crystallization is caused by the formation of glucose crystals from the sugars in honey. Ninety five percent (95%) of the solids in honey are sugars (carbohydrates). Of the sugars, on average, 38% are fructose (sometimes referred to as levulose) and 30% glucose (dextrose). Each type (source) of honey varies in the amount of fructose and glucose they contain (range from 31-44% for fructose and 23-40% for glucose). Higher glucose concentration honey will crystalize sooner. Other factors besides glucose that effect crystallization are storage temperature and impurities that serve as areas for crystals to start. Optimal crystallization temperature is 57°F. After crystallization the fructose concentration does not change, but the percent moisture content in the liquid portion may increase, leading to potential fermentation.

Relative crystallization speed

Black Locust	Very slow
Tulip Poplar	Very slow
Tupelo	Very slow
Blackberry	Slow
Buckwheat	Slow
Citrus (Oranges)	Slow
Linden/Lime/Basswood	Slow
Sourwood	Slow
Alfalfa	Rapid
Clover	Rapid
Dandelion	Rapid
Goldenrod	Rapid
Oilseed rape (canola)	Rapid
Raspberry	Rapid
Sunflower	Rapid

You can decrystallize honey by dissolving glucose crystals by heating the solution. Either by “low temperature/long time” or “high temperature/short time with cooling” (flash heating, primarily a commercial process). Methods to heat honey are:

- Low temperature oven
- Glass bottle in boiling water bath
- Double boiler
- Contained heated area
- Banding (primarily metal containers)
- Commercial “pasteurization” method

For decrystallization a low temperature/long time goal is 100°F to 110°F. Flash heating is 150°F for short time with rapid cooling. Flash heating is considered “pasteurization” and is the recommended method in the Dyer creamed honey production process.

There are dangers in heating honey. High temperatures degrade honey due to increased HMF (5-hydroxymethylfurfural, a degradation product of the sugars in honey and considered a toxic compound) and enzyme destruction. In addition, there is loss of volatile components (the good smells) and damage of proteins. Heating that raises temperature in localized areas in order to heat the entire container can “burn” the honey. Examples of heating methods that tend to heat localized areas are metal bands on metal containers and use of steam heat. Evidence of heat damage is darkening of the honey which is caused by degrading the fructose in honey. (On the other hand, darkening of fructose is what gives the “golden brown” color to baked goods containing honey.)

Smaller scale decrystallization can be done with equipment made at home. This can be as simple as a Styrofoam box with an incandescent light bulb as the heat source. Monitor the temperature and adjust the temperature via slight ventilation and adjusting wattage of the bulb. Alternatively, you can hook the light to a dimmer and adjust as needed to reach the desired temperature. **See Exhibits 1 and 2.**

Another method is the use of an electronic controller that monitors a set temperature and turns a heater “on” or “off”—can be an incandescent bulb(s) or other heater. Often these are used in conjunction with a decommissioned upright or chest fridge/freezer. The advantage of this arrangement is greater control of temperature with minimal monitoring. The attached example has 4 light bulbs under thermostatic control where each bulb can be independently turned “off”/“on,” variable fans and upper “off” and lower “on” set points. This unit is primarily used for decrystallizing honey prior to creamed honey production. **See exhibits 3 and 4.**



Exhibit 1



Exhibit 2



Exhibit 3



Exhibit 4

Controller: Bayite Temperature
Controller BT C201 Pre-Wired Digital
Outlet Thermostat, 2 Stage Heating
and Cooling Mode, 110V 10A

As per most tasks we do as beekeepers this is only one take on methods for decrystallizing honey. Remember with half a dozen beekeepers, 7 opinions.



Overview: The Great Plains Master Beekeeping Program is a collaborative group of beekeepers spanning the great plains region and integrating beekeeping organizations from Wyoming, Nebraska, Kansas, Iowa and Missouri. The program is highly dependent on extension professionals and experienced beekeepers to bring their expertise and knowledge to both new and advanced beekeepers.

Purpose: The Great Plains Master Beekeeping Program will provide training, education, outreach, and mentoring for beginning and advanced beekeepers that will improve colony survival and drive economic success. This program will focus on colony management, bee biology, pests, pathogens and other stressors, as well as land stewardship, business and marketing, and professional development. Great Plains Master Beekeepers will be both advanced in beekeeping knowledge as well as being competent advocates for bees.

Structure: The training program is structured with multiple tiers (Apprentice, Journeyman, Master) where participants may advance to higher levels at their own pace to refine their knowledge and management skills. To advance levels, beekeepers must meet a set of educational, field training, and volunteer or mentoring service requirements designed to build off the knowledge and skills gained from the previous level(s). The flexibility of this system allows us to address state-specific needs and demands and will also make it easier to expand and be adapted in other states.

Levels:

- 1. Apprentice:** This level focuses on basic training for colony management which includes starting colonies, health assessments, honey production, and overwintering to improve survival rates of honey bees.
- 2. Journeyman:** This level focuses on training that refines management skills and promotes economic growth for the beekeeper.
- 3. Master:** This level focuses on professional development for beekeepers as educators, communicators, and advocates for the beekeeping industry as well as improving their management and pest monitoring.

	Apprentice	Journeyman	Master
Education Credits	Complete learning objectives 1.1 - 1.20 to advance	Complete all B, L & P topics and at least 3 E & topics	15 additional ed. courses/ learning series covering 1 of each focus
Volunteer Hours	10 per year (20 cumulative)	20 hours per year (60 hours cumulative)	20 hours per year, 40 every 2 years
Field Hours	20 hours	40 cumulative	80 cumulative hours
Multiple choice exam	Yes	Yes	Yes
Cost	Free	\$80	\$100 renewed every other year

(Bee management skills (M); Land stewardship & Conservation Practices (L); Bee Biology, Ecology (B); Business, Marketing, Economics (E); Professional Development (P))

Field Training

Field training hours are required for each level of the Great Plains Master Beekeeping course. This may include working your own hives with a mentor or other beekeeper, hive inspections/checks, extracting or harvesting honey, treating your bees, building equipment for your bees or processing beeswax or other hive products.

Workshops & Volunteering

Program members will have the opportunity to participate in workshops to advance and refine your skills and to volunteer to promote community involvement, build experience and advocate for bees.

More Information at:

<https://gpmbe.unl.edu/about-master-beekeeping-program>

Or email | sbrummel2@unl.edu

Or Call (402)-472-8378



Get to Know Your Club Leadership

Trisha Hedges, Board of Director

How did I start in beekeeping?

I started by going to Andy Joseph's class back in 2018. I started to take the class to be able to help my dad with his bees when it was needed. I found out that even though I was scared of bees, it was very interesting. I started with one hive that year and have not grown much since I only had 2 hives this year but I helped with my sister's 2 hives and my mom and dad's 6 hives this year.

I also serve on the CIBA Board of Directors as well as am also a member of the Iowa Honey Producers Association.

What do I like most about beekeeping?

THE HONEY!!!!!! Okay, so that is the thing that I like most but it is definitely yummy! I like getting into the hives and seeing these beautiful creatures producing something so wonderful. I like being able to take pictures of the inner-workings of my hives and learning. I will text my brother or my dad if I am not sure what something is. We actually started a group text so I can text the pictures to both parties. I have seen so many cool things while getting into the hives that I had never been able to witness or understand before.

I have additional beekeepers in my family – my daughters, Cheyenne, Kayleigh, and Emmah help out with the bees! It has been wonderful doing this with them and my daughters wanting to learn. Emmah is going to be quite the little beek when she gets a little older as she is only 12.

What is the most thrilling thing to happen as a beekeeper?

I am not sure that I have had just one thing that has been thrilling. To me just learning about bees and learning their habits and their life cycles is thrilling to me. I am always wanting to learn the most I can when I put my mind on something and that is what thrills me. Give me a few more years of beekeeping and I am sure I will have a million stories to be told.

What troubles have I had in beekeeping?

I think the most trouble in my few short years was losing all but one of my parents' hives this last winter. I think this is something that affects a lot of beekeepers but I felt like I had done something wrong with it being one of my first years. I thought that maybe had I protected the colonies more, but so many people were losing their hives after the polar vortex. We were lucky to be able to have one that remained alive.

What is the best advice for new beekeepers?

Learn as much as you can. Listen to those who have been in it for years. Go to the CIBA meetings and the IHPA meetings. Listen to the speakers. There are a lot of people with amazing experience that we can learn from. I have joined support groups that I can find answers to questions, as well. Be willing to adapt to the changes in the weather.

What plans do I have for the future?

I plan to focus on learning all that I can and increase my hives by at least 1 to 2 hives yearly. I would like to learn how to do candle-making and learn how to make all the yummy flavors of honey that you can taste at the IHPA stand at the Iowa State Fair and many other places.



The Queen's Corner



Hello!

I would like to reintroduce myself to you as the 2020 Iowa Honey Queen. I was crowned at the Iowa Honey Producers Association's Annual Conference in November. I want to thank my family for being so supportive of me as CIBA Honey Queen. I would also like to thank the CIBA board for being so supportive throughout my reign. Thank you to all of you CIBA members. You were so encouraging all year.

October Presentations

1. Bondurant Library – October 7, 2019
 - a. I led an after-school program. I talked about the honey bee's anatomy, castes, and life cycle. I explained pollination and why honey bees are such good pollinators. I also showed the group how a beekeeper inspects their hives. Finally, I reviewed with Honey Bee Jeopardy. The group remembered everything really well and did great at Honey Bee Jeopardy.
2. Special Guest at Waukee Non-fiction Book Club – October 11, 2019
 - a. We discussed the book *The Bee Book* by Charlotte Milner. The kids rolled a beeswax candle and were able to try a variety of honeys.
3. Storytime at Ankeny Public Library – October 14,
 - a. There were over sixty attendees at this story time. Everyone had fun going around the room to pollinate the paper flowers I had put up.
 - b. I had a teen program at the Ankeny Public Library. I talked about beekeeping and the Iowa Honey Producers Association's Youth Scholarship Program. I then demonstrated how to make beeswax lip balm. The teens were also able to roll a beeswax candle.
4. Madrid Public Library
 - a. I gave my Helping Honey Bees presentation. This presentation is all about how anyone can help honey bees.

Summary

As CIBA Honey Queen, I gave twenty-four presentations and attended an additional fourteen events. I was at the Iowa State Fair eight days. I gave five presentations at the State Fair, worked five shifts at the IHPA booth, and assisted with six presentations. I loved giving every presentation and have learned so much this past year. I am looking forward to continuing to share my love of honey bees with people all around Iowa this next year.

I am going to continue to be involved in CIBA and am looking forward to attending many of the upcoming CIBA events. I hope to see everyone at the CIBA Winter Seminar on January 18th.

Abigail Kelly

Central Iowa Beekeepers Association (CIBA) 2020 Membership

Membership Dues Information

- ✓ Membership dues run on a yearly calendar schedule of January 1st through December 31st.
- ✓ Dues are payable at the beginning of each new calendar year.
- ✓ **Make checks payable to CIBA.**

SELECT ONE

- ☐ New membership
- ☐ Renewal of membership from 2019
- ☐ Yes ☐ No ☐ N/A: For a renewal, has any of your personal information changed?

SELECT ONE

- ☐ \$10 for a **Single** Membership
- ☐ \$15 for a **Family** Membership whereby members are residing at the same address
- ☐ **Waived** for a **New Student Beekeeper** taking a beekeeping class this year. **You must provide an email address, as you will receive the newsletter and notifications only via email.**

Where are you taking your class? _____

PLEASE PRINT FOR LEGIBILITY

Name _____

Street Address _____

City _____ State _____ Zip code _____

Home phone (_____) _____ - _____ Cell phone (_____) _____ - _____

Email _____

Additional name _____

Cell phone (_____) _____ - _____ Email _____

Additional name _____

Cell phone (_____) _____ - _____ Email _____

Additional name _____

Cell phone (_____) _____ - _____ Email _____

Newsletter/Communication Delivery: Electronic or Mailed

Choose between receiving the quarterly newsletter and club communications via electronic delivery (email) or United States Postal Service (USPS) mail delivery. We encourage electronic delivery for the following reasons:

- ✓ Selecting electronic delivery saves CIBA the cost of postage.
- ✓ We can provide more information to you electronically. Review the table below.

While we encourage electronic delivery, you need to make a delivery option that serves your needs.

Central Iowa Beekeepers Association (CIBA) 2020 Membership – Page 2

Communication Type	What you will receive with:		Details
	Electronic Delivery	Mailed Delivery	
BEELINE quarterly newsletter	Yes	Yes	Quarterly club newsletter
Meeting reminders	Yes	No	Mailed reminder postcards have been discontinued
Special information	Yes	No	CIBA organizational updates
Forwarded electronic information	Yes	No	IHPA news, upcoming events, etc.
By-Law changes	Yes	Yes	Infrequent club By-Law updates
Annual Membership Directory	Yes	No	Published in June. Provides a list of all members, and contact information.

Family Membership: With **Mailed** delivery, Family memberships receive **ONE** mailed newsletter. With **Electronic** delivery, all members providing an email address will receive emailed newsletters, notices, membership directories/meeting reminders, etc.

New Student Beekeeper: **Ensure you provide an email address.** You will receive all communications via electronic mail (email) only.

SELECT ONE

- ☐ Mail via USPS
☐ Email electronic delivery
☐ Both

Membership Directory

We publish an annual membership directory in June each year, which is shared only with club members.

SELECT ONE

- ☐ Yes, the club can publish my/all family member's information in the Membership Directory
☐ No, the club may NOT publish my/all family member's information in the Membership Directory

Additional information (optional):

1. How many hives and where are your hives located (# of hives/location)? EXAMPLE: 9 urban; 2 rural
_____ Urban _____ Rural
2. How many apiaries (bee yards) do you have? _____
3. How long have you been beekeeping? _____

Ideas for Meeting Presenters or Newsletter Topics

What is your profession? _____

Would you consider assisting CIBA with your skills, if requested? _____

Mail completed form with payment to:

Valerie Just
CIBA Treasurer
4609 Crestmoor Drive
Des Moines, IA 50310

CIBA WINTER SEMINAR



When: Saturday, January 18, 2020
8:30 AM to 4:30 PM

Where: Grimes Community Complex
410 SE Main Street
Grimes, IA 50111

Who: Dr. Lawrence John Connor
Dr. Judy Wu-Smart
Mr. Sheldon Brummel

Contact: Linn Wilbur, wilbur50201@gmail.com, 515.382.4882

Website: <https://centraliowabeekeepersassoc.org>

Speakers:

- **Dr. Larry Connor** will give talks on Keeping Bees Alive--Sustainable Beekeeping Concepts and Increase Essentials--Population Control, Mite Management and Much More. Dr. Connor is author and coauthor of numerous beekeeping books, a former university professor and instrumental in Dadant's former Starline and Midnite queen rearing program. Presently he is head of Wicwas Press which publishes many beekeeping books.
- **Dr. Judy Wu-Smart** is an Assistant Professor and Extension Specialist at the University of Nebraska-Lincoln (UNL) and will talk on Managing for honey production and other considerations for the Mid-West. Dr. Wu-Smart is Director of the UNL Bee Lab.
- **Mr. Sheldon Brummel** is associated with the UNL Bee Lab and is the Coordinator for the Great Plains Master Beekeeping Project. His talks are on the Great Plains Master Beekeeping Program and on Bee Friendly Backyards.

The Winter Seminar fee is \$35 for CIBA members and \$40 for non-members, including an on-site catered luncheon by Felix and Oscars
Look forward to an Iowa comfort food meal

Additional information and mail-in registration forms are available on the CIBA website at <https://centraliowabeekeepersassoc.org>

Registration deadline is January 7, 2020 postmark.

Registration is required for attendance as there will be no ticket sales at the door on the day of the seminar

Seating is limited

We plan to hold the event unless the City of Grimes determines the facility can't be opened because of severe weather

SPEAKERS

Dr. Lawrence John Connor



Lawrence Connor was born in Kalamazoo, Michigan and earned his doctorate in honey-bee pollination of crops at Michigan State University. He has worked as Extension Bee Specialist at The Ohio State University, President of Genetic Systems, Inc. (which produced tens of thousands of instrumentally inseminated queens honey bees as well as the Starline and Midnite breeding stock), and now owns and operates Wicwas Press, specializing in publication of quality bee books. He relocated (from Connecticut) back to Michigan in April 2007 to continue growth of his publishing and writing activities. He has edited and published over two dozen books and recently written: *Increase Essentials* (2006), *Bee Sex Essentials* (2008), *Queen Rearing Essentials*, *Bee-sentials: A Field Guide*, *Swarm Essentials* (with Steve Repasky), *Honey Bee Biology and Beekeeping* (with Dewey Caron), *Increase Essentials Second Edition* and *Mating Biology of honey bees* (with G. and N. Koeniger and J. Ellis). In 2019 he published *Keeping Bees Alive*.

Dr. Connor was a frequent contributor to *The American Bee Journal* and to *Bee Culture Magazine*. He travels extensively and lectures on a wide range of subjects concerning honey bees, bee breeding, pollination and colony management.

Dr. Judy Wu-Smart



Dr. Wu-Smart holds a BS in Zoology from Humboldt State University, Arcata, CA, a MS in Entomology from Washington State University and a PhD from the University of Minnesota. Her PhD work was with Dr. Marla Spivak where she studied the effect of systemic neonicotinoid insecticides on honey bee and bumblebee queens and colony development. Presently Judy is an Assistant Professor and Extension Specialist at the University of Nebraska-Lincoln (UNL). She is the Director of the UNL Bee Lab.

Mr. Sheldon Brummel



Mr. Brummel was born in Papillion, Nebraska and has a B.S. in Fisheries and Wildlife (2016) from UNL and is presently associated with the UNL Bee Lab. His duties at UNL include assisting with the development of the Great Plains Master Beekeeping website, social media, newsletters and other forms of promotion and recruitment for the program. He also teaches a myriad of courses through UNL and conducts exploratory workshops for underserved communities with the Center for Rural Affairs.

Sheldon assists graduate students in the lab with their research both on honey bees and wild bees, and helps tend the research apiary with the UNL beehives. In his spare time, he loves to do edible landscaping design, construct wildflower meadows, hike, hunt, travel, rock climb, build bat-houses and birdhouses, SCUBA-dive, and birdwatch with his wife.

CIBA WINTER BEEKEEPING SEMINAR
 Sponsored by the Central Iowa Beekeepers Association
 Saturday, January 18, 2020 from 8:30 AM to 4:30 PM
 Grimes Community Complex, 410 SE Main, Grimes, IA 50111
 Questions? Ask Linn Wilbur at 515.382.4882 or lwilbur50201@gmail.com
 Additional information at <https://centraliowabeekeepersassoc.org>

8:30 Registration

9:00-12:00 Morning session with Dr. Lawrence John Connor, Wicwas Press, Kalamazoo, MI

--Keeping Bees Alive—Sustainable Beekeeping Concepts

--Increase Essentials—Population Control, Mite Management and Much More

12-1:00 Catered lunch on site by Felix and Oscars, Des Moines. Look forward to an Iowa comfort food meal.

1:00-4:30 Afternoon session with Dr. Judy Wu Smart and Mr. Sheldon Brummel, University of Nebraska-Lincoln

--About Great Plains Master Beekeeping Program

--Managing for honey production and other considerations for the Midwest

--Bee Friendly Back Yards

Cut here and mail bottom portion to CIBA Winter Seminar, c/o Linn Wilbur, 64626 170th St., Nevada, IA 50201-7653

First Name (one person per registration form please):		Last Name:	
Email address:		Phone number with area code:	
		Alternate phone number:	
Street address:		City:	
		State and ZIP:	
Name of bee clubs to which you belong or name of commercial beekeeping enterprise:			
<input type="checkbox"/> Iowa Honey Producers Association <input type="checkbox"/> Central Iowa Beekeepers Association Other Beekeeping Club(s) (please name): Other:			
Registration per person is \$35 for CIBA members and \$40 for non-members.		Total enclosed:	

Make checks payable to: CIBA. Postmark by Jan 7, 2020.

Pre-registration required. No ticket sales at the door on the day of the seminar. Seating is limited.

You will receive confirmation of your registration.

By registering for this event, you are releasing the Central Iowa Beekeepers Association, its officers and board members and the City of Grimes from any and all harm that may occur as a result of attending this Winter Seminar. We plan to hold the event except if the City of Grimes determines the facility can not be opened because of severe weather.

Mail form to CIBA Winter Seminar, c/o Linn Wilbur, 64626 170th St., Nevada, IA 50201-7653

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