Master Beekeepers

REVIEW AND LATEST NEWS

Honey Show Review

CONGRATULATIONS TO OUR WINNERS!

A Look Ahead

GEARING UP FOR THE 2018 VIRGINIA CONFERENCE
What’s Inside
THE EAS JOURNAL, FALL 2017

Welcome
From the Desk of the President.............................. 2

Master Bee Keeping
Master Bee Keepers Buzzing............................... 4
Mann Lake EAS Master Beekeeper Scholarship.. 6

Honey Show
Honey Show Winners, EAS 2017 ......................... 8

Awards and Grants
2017 Divelbliss Award ........................................ 12
2018 Divelbliss Nominations .............................. 14
Distinguished Speaker Award............................ 15

2018 Award Nominations..................................... 16
2018 EAS Foundation for Honey Bee Research
Call for Proposals.............................................. 19

EAS Updates
Honey Bee Health Coalition............................... 22
Engaging Veterinarians in Beekeeping.............. 24
Invitation to EAS 2018 Conference,
Hampton, VA.................................................. 25

EAS Business
EAS Annual Business Meeting Minutes................. 26
Board of Directors Minutes.............................. 30
EAS Executives and State Directors.................... 40

Chairman of the Board
Erin MacGregor Forbes (2019)
188 Capisic Street
Portland, ME 04102
207-772-3380
chairman@easternapiculture.org

President
Pam Fisher
PO Box 5206
Chesapeake VA 23324
president@easternapiculture.org

Vice President
Buddy May
100 Birnam Court
Greenville, SC 29615
864-297-1922
vicepresident@easternapiculture.org

Secretary
Carol Cottrill
60 Rolling Hill Drive
Naples ME 04055
(207) 693-9226
secretary@easternapiculture.org

Treasurer
Jacky B. Hildreth
3 Summit Terrace
North Yarmouth, ME 04097
treasurer@easternapiculture.org

Vice Chairman of the Board
Linda Allen Mizer
1279 Spring St. Ext.
Groton, NY 13073
607-227-4449
vicechairman@easternapiculture.org
Do you remember the first time you tried to explain to someone why you became a beekeeper? The enthusiasm you tried to convey regarding the fascinating society inside your beehives? Like me, you may have had some incredibly patient friends or family members who would listen politely for a while. But even my beloved family members would eventually attempt to change the subject before long. So I joined a local bee club where I could talk bees with others who shared my passion. And once a month we would gather together and talk about bees for two to three hours; nothing else, just bees - how wonderful!

Then I discovered that beyond the local club level, the state of Virginia had a beekeeping association which held biannual meetings that I could attend for even more beekeeper education and networking. Wow, what a great opportunity – one or two days of nothing but bees! I attended each spring and fall meeting, diligently traveling across the state to learn from leading bee researchers, and returned home to share the information with the beekeepers in my local club.

In 2010, my husband and I attended our first EAS conference in Boone, NC, and what an amazing experience – five days of everything honey bee! There were a few fellow Virginia beekeepers in attendance but there were also hundreds of beekeepers from all over the US and beyond. We could not believe the number of presentations and the breadth of topics offered; we were like kids in a candy shop! We studied and highlighted our programs, trying to figure out how to take in the most topics possible. The hands-on training in the apiary was another first for us at a conference. And evening social events with bee themes too – even Bee Olympics - how fun! I was so enamored with that EAS conference that I wrote an unsolicited review which was used as an advertisement the following year.

Fast forward eight years and several conferences later and I am now in the unique position of working to coordinate the same rewarding experience for other beekeepers. Fortunately, the position of EAS President is only one small part of the group of dedicated people who work diligently to ensure a fabulous EAS conference every year. Whether you are contemplating attending your first of fifteenth EAS conference, we will have something to interest you in Virginia. As the entry point of honey bees into North America in 1622, we have chosen “Where It All Began” as our theme and we’re featuring some notable beekeepers from the United Kingdom that one doesn’t normally have the opportunity to hear in the US. The Short Course will feature beginning, intermediate and advanced tracks including specific areas of interest such as the latest in electronic hive monitoring, queen rearing, and excellence in honey and hive products. An apiary on site will provide the opportunity for hands-on experiences with both Langstroth and Top Bar hives. The conference will consist of morning presentations from award winners and keynote speakers as well as afternoon workshops.

Planned social events are the Wednesday evening Beekeepers’ Beach Bash with Bee Olympics, the Thursday evening Auction, and the Friday evening Banquet. A field trip to Jamestown, where honey bees were first introduced to the New World, is in the works as is a visit to a local brewery with an apiary on site to provide honey for craft brews. A free evening screening of Queen of the Sun will be held at the convention center for attendees and the public.
So please save the dates, August 13th to 17th, 2018 to attend EAS in Hampton, Virginia. Hampton is conveniently located midway along the east coast within one day’s drive (10-hours or less) of 40% of the US population. Two International airports are within 30 minutes of the site and an Amtrak station is 15 minutes away. We have five partner hotels, including one at the convention center and one at a local marina, offering EAS discounts to attendees. Camping at historic Fort Monroe is available nearby as well. No matter how you travel to Hampton, or which partner hotel you choose, we promise to make the trip worthwhile. We extend to all EAS members a warm welcome and the invitation to help us celebrate the 100th anniversary of the Virginia State Beekeepers Association “Where it All Began”!

Sincerely,

Pam Fisher
EAS President
Master Beekeepers Buzzing

by Dewey M. Caron, Master Beekeeper Advisor

The 2017 EAS MB testing certified 9 of 27 applicants. The percentage passing the 4 tests ranged from 45% (lab test) to 68% (field test).

Among the 18 “new” applicants passing all 4 tests on their first attempt were:

Wubishet Adugna

hailing from Addis Ababa, Ethiopia came the longest distance to take the EAS MB certificate tests. He has been a beekeeper since 2003, starting after a stint as project director for US AID Winrock International introducing traditional (mud) hive beekeeping in south-east Ethiopia. He maintains mostly top bar and Zander hives and has had as many as 500. He built and had certified a honey processing plant for SE Ethiopian beekeepers and is working to certify over 500 families in organic honey production. He has recently been involved in a number of training programs in his native country, including queen rearing, several focused on women. His nomination and sponsorship for trip to the US came from Richard Underhill of Arkansas who met him during one of his overseas development projects in Ethiopia.

Mark Lilly

of Cool Ridge, WV (Raleigh Co.) is an 18 year veteran and has up to 25 colonies – 18 at present. His day-time job is managing 500 colonies and serving as beekeeper/educator for the non-profit Appalachian Beekeeping Collective, which is to provide the south central WV community with sustainable income and locally sourced honey. Mark serves as Co-director of the recently revised WV Master Beekeeper program and is WV State Beekeepers Secretary, teaches locally and is President for Raleigh Co (Beckley) Association. Mark was nominated by Debbie Delaney.

Paul Snellen

of Bethlehem, PA, a beekeeper since 2009, manages 60-80 colonies. He produces a locally selected queen to sell with overwintered nucs each spring in the Lehigh Valley area. He is an active participant in the PA Queen Breeders Program and President of the Lehigh Valley Beekeepers, offering many educational opportunities in the club apiary, which he maintains, and writing a monthly newsletter article for the Association newsletter. In addition to honey he rents bees locally for pollination services. He is experimenting with rough bee box interiors to determine if propolis coating of their interior is of value. Bill Mondjack nominated Paul.

Six individuals finished one or more of the exam requirements this year at EAS. In addition to Paul, there were 2 other PA beekeepers newly certified in 2017.

Burl Knupp

from New Florence, PA is a “new” returning beekeeper. He managed up to 50 hives in the 70s but then “bear wars” and other issues lead to his halting his bee care. He began again 5 years ago and now has 100 or so colonies. Burl makes and handles nucs for sale to beekeepers in his region of central-western PA (Westmoreland Co). He is also rearing queens as local survivor stock and making some of those nucs. Burl is president of the Westmoreland County Beekeepers Association. He has started developing a program, a Learning Rendezvous, a meeting with the agenda being strictly about learning about bees and beekeeping and also a Mystery Bee Theater the purpose of which is to have people try to identify mysteries of the bee colony. He is a Master Gardener as well as now one of our newest Master Beekeepers.

John A. Gaut

is a Northern New Jersey beekeeper who has developed a newbee mentoring program in his local bee club (Northeast NJ). He was a beekeeper while in high school and earned the Boy Scout merit badge in Beekeeping. He restarted beekeeping 5 years ago and now has 25+ hives and sells honey at local farmer markets. He raises queens from selected survivor stock that incorporates VSH and other mite resistant traits for queen sales to other beekeepers in his area. John is a data-driven beekeeper, using data collected during colony evaluations (mite counts, nosema levels and overall performance indicators) to select the best queens.
NJ Apiary inspector Tim Schuler recommended John for the MB program.

**Margaret Zittel** of Chalfont, PA, a beekeeper since 2008, has managed up to 30 colonies at her Skunk Hollow Apiaries. She utilizes survivor stock queen cells to populate nucs and sells overwintered and other nucs throughout the spring season. Besides liquid honey, her lavender infused and creamed honeys are quite popular and go well with the chèvre goat cheese she has been making for over 20 years. Active in 4 Philadelphia area beekeeper groups, she serves as a board member, plans monthly meeting programs, mentors new beekeepers and presents on a variety of beekeeping subjects to beekeeping, elementary youth, and local garden groups and centers. Margaret also initiated and manages a women’s beekeeping group which provides hands on learning as well as a forum for timely discussions. Vince Aloyo nominated her for the EAS MB program.

**Martha Kiene** is an 8 year beekeeper from Springfield area of northern VA. She is very active with the regional NO VA Beekeepers. She has been a 3-4 hive backyard beekeeper but has stepped up to make nucs for sale to new club members now for the past two years. Martha is a retired US Army Corps of Engineers officer who now supervises researchers and scientists at the Geospatial Research Laboratory in Alexandria, VA. Her personal mission has been to train one new beekeeper every year and thus far, has succeeded, producing 8 outstanding Beekeepers for Virginia. She is also outreach coordinator for her association. She was enthusiastically recommended by Pat Haskell, and participated in Pats ‘kitchen table’ study group in her preparations for the EAS exams.

**Carin Zinter** has been keeping bees in western Massachusetts since 2004. She loves teaching others about honey bees and beekeeping and leads a season-long beekeeping course for urban beekeepers in NYC. She also teaches beekeeping to high school students through a special program at the local community college. Honey from Carin’s bees won a 2017 Good Food Award and has been used by craft cocktail artists and pastry chefs nationwide. Support for her candidacy for MB came from Dan Conlon.

**Moira Alexander** is a Smithtown (Long Island), NY beekeeper. She has her 18 colonies at several apiaries + 2 observation hives she maintains at a nature Center. Moira was recognized as Long Island Beekeepers Beekeeper of the Year (2013). She is both Program Director of the large LI club and also the coordinator for the Greater NY Bee gathering in October each year. As a retired teacher she continues to teach new individuals about bees and beekeeping.
Mann Lake Eastern Apicultural Society Master Beekeeper Scholarship Application

This scholarship, sponsored by Mann Lake Ltd. and created and administered by the EAS Master Beekeepers, was established to encourage a worthy young individual to pursue an interest in honey bees and beekeeping. The Scholarship will provide financial assistance for the selected candidate to attend an annual EAS conference. In addition to the waiver of registration fees by EAS for the short course and the main conference, the Scholarship will provide up to $1,000 to the successful candidate to offset other conference expenses.

MANNER OF AWARD OF THE SCHOLARSHIP

• EAS will waive the scholarship recipient's registration fees for both the short course and the main conference.

• Conference expenses such as standard on-site lodging and meals (including special social events, BBQs, and Friday night banquet, etc.) will be paid from the scholarship fund on behalf of the successful candidate.

• The scholarship will provide a budget for travel expenses up to $500, which may include airfare or mileage reimbursement. Travel expenses below $500 will be reimbursed at actual expense incurred.

• Travel expenses to and from the conference will be paid to the candidate following submission of receipts for travel such as airline vouchers, or mileage. Travel expenses will not be paid in advance, but will be reimbursed as soon as possible following receipt of documentation.

SCHOLARSHIP ELIGIBILITY

• The candidate may be any young person between the ages of 18 and 25 who is a full-time student, or is not a full-time student but is currently employed by a commercial or sidelinier beekeeper and plans to pursue a career in apiculture. If the candidate is a veteran of any branch of the U. S. armed forces, the age limit is 30.

• The candidate must have been keeping bees for a minimum of one year by the time the conference for which the scholarship is requested begins.

• The candidate may have a beekeeping mentor, who can be a parent or other experienced adult, but must be primarily responsible for the care of his or her bees.

• The candidate must have participated in a local short course in beekeeping.

SCHOLARSHIP APPLICATION

• Qualified candidates must complete an application form providing their basic contact information, brief beekeeping experience and education, and other relevant data.

• Candidates must provide letters of recommendation from at least two experienced beekeepers, preferably a mentor and another beekeeping individual familiar with the candidate's experience and qualifications. If possible, this individual should be a Master Beekeeper, state apiarist, educator or research/extension specialist in the home state of the candidate. These letters of recommendation should be sent directly by the person providing the recommendation to the Master Beekeeper Scholarship Committee.

• Candidates must write an essay of no less than two, and no more than three, double-spaced typewritten pages describing their reasons for wanting to attend the EAS conference. The essay should also outline the candidate's ambitions with respect to beekeeping, including both short and long-term plans.

• Applications must be received by the Chairperson of the Master Beekeeper Scholarship Committee by February 1 of the year in which the applicant plans to attend the EAS conference.

AWARD CRITERIA

• Preference will be given to candidates who, in the judgment of the Scholarship Committee, are serious in their commitment to apiculture. For example, a serious candidate may be planning to pursue a career as a commercial beekeeper, an entomologist, a researcher in apiculture, a queen breeder, or
similar profession. A dedicated hobbyist may also win the scholarship, but preference will be given to candidates planning to pursue a career in apiculture.

- The candidate must be an EAS member.
- The candidate must be of good character, responsible, hard-working and honest. It is expected that, while attending the conference, the successful candidate will behave in a responsible and respectful manner.
- Following the conference, the scholarship recipient will prepare an article for the EAS Journal, of at least one column in length, or as indicated by the Journal Editor, describing his or her experiences at the EAS conference. The article should include photographs and discuss how attending EAS has influenced the recipient’s beekeeping knowledge and post-conference experiences. The article should be submitted no later than six months following the end of the conference.
HONEY SHOW REPORT

Submitted by George H. Wilson III, EAS Honey Show Chairman

Wow! By any measure the 2017 EAS Honey Show in Newark, DE was a howling success! Almost, over 100 supporters added their contributions to the best Honey Show of my tenure as Chairman. Our Sponsors and suppliers remained invaluable and steadfast; contributing over $6,000 in cash or in-kind donations to insure a vibrant Honey Show.

Special thanks are due to Honey Show Sponsors Bee Culture Magazine (2 Sponsorships), The Maine State Beekeepers, Brushy Mountain Bee Farm, Kelly Beekeeping Company, The Delaware Department of Agriculture, Allagash Brewing Company, Mann Lake Ltd., American Bee Journal, Buffy Bee Honey, and W. Fisher Bee Farm. Without them there would be no Ribbons or Silver Awards. Gamber Container Inc provided gift certificates to 1st and 2nd place Extracted Honey winners who used Gamber Jars. As these businesses have supported us, let us support them in the future.

Two of Virginia’s finest firms, Showcase Productions and Ashby Jewelers added their services by producing graphic artwork and engraving the silver platters for that special touch. North Carolina’s Expogo produced the graphics to enliven our permanent portable display units.

The Honey Show benefitted from the efforts of no less than twelve top Judges:
- Bob Wellemeyer – Extracted Honey
- Bart Smith – Extracted Honey
- Michael Palmer – Comb Honey & Wax
- Karla Eisen – Comb Honey & Wax
- Elizabeth Olson, WHJ – Honey Cookery
- Marina Marchese – Black Jar
- Don Hopkins – Black Jar
- Dr. Barbara Phillips – Black Jar
- Mark Thiessen – Photography
- Barbi Harris – Arts & Crafts
- Dr. Jeffrey Cheskin – Mead
- Ray Banks – Gadgets

Photo Credit: Karla Eisen
The Judges deserve special thanks for their thorough and prompt efforts. Judging started after lunch and was finished by 5:00 PM. As each Judge finished their assigned category they then assisted in other classes to get the job done. THANK YOU! Stewards included Bruce Hamon and Ellie Andrews.

The Show produced a special surprise, defacto Delaware Honey Show Chairman, Raymond Banks! Jhonna Davis, his partner, did an outstanding job as Honey Show Secretary and her extensive organizational experience was invaluable. Dr. Barbara Phillips of Savannah, GA made the Honey Show Superintendent task look easy. It takes a real pro to do that.

A team of photographers chronicled the action. Special thanks to photographers Bill Mondjack of PA, Justin Luna of NJ, and Taylor Guilford of Virginia. My favorite photo of the entire week was of VA legend, Billy Davis and Taylor. I call it, “From then til now” Ha!

Computer gurus, Erik Brown tweaked the Honey Show records system to keep track of a million details and Ken Kirk kept the computer on line and the printer printing. Without them tallying up scores and awarding prizes would have taken ages!

Cindy Bee came down from Maine and was a STAR! She was everywhere doin’ everything. Most importantly, to me, she coordinated the TV coverage of the Conference and the Honey Show. She and Erin Forbes were featured in the two news stories. What great representatives!

Bill Eisle lent his experience, ideas, and practical talents to solve display issues and many commented on how lovely the displays were. Rick and Pam Fisher (EAS 2018 President) played significant roles as they recognize the importance of the Honey Show to the success of the Conference. Rick donated his software expertise to solve many problems and Pam helped taking entries and entering data.

Then there were the Honey Show Hosts, and various other volunteers. Some worked behind the scenes and some were the “face” of the Honey Show including Rusty Folz, Kris Kinsman, Tammy Horn-Potter, and Martha Kiene.

More and more folks see the value of excellence in honey and hive products. There was a large percentage increase in both the number of entrants and in the number of entries at the show.

Once again Mark Fieg of New York led by winning four different Silver Plate Awards for Extracted Honey, Comb Honey, Beeswax, and Black Jar. He also won the Silver Bowl award for Best in Show for his Extracted Honey. Deborah Kluger of Long Island won two Silver Plate Awards for Arts and Crafts and The Sweepstakes Award (for most show points). She was the first, ever, to submit a video clip in the Miscellaneous Arts and Crafts Class and won a Blue Ribbon. Silver Awards also went to Jean Miller for Honey Cookery, Ronald Quillen for Gadgets, Dwayne Sayers for Mead, and Emily Langlais for Photography.

In order to better define a metric for The Honey Show success, this year there was a Guest Book where we saw just how valuable our Honey Show is to EAS members. Samples from the guest book includes these quotes:

“How exciting to see all the great products EAS members produce. Really cool!”

“We are newbees, it is great to see all of the entries as well as giving us ideas for next year.”

“I love to see all the talent that the beekeepers possess. It is fascinating to see all the entries.”

“The craftsmanship and artistry are wonderful.”

“Great Judges!”

“Thank you EAS.”

Next year’s EAS Honey Show, in Hampton, VA will be held in a much larger and quite prominent space. I encourage all EAS members to support the Honey Show by submitting an entry! If you can’t make it, send your entry along with a friend who will be attending. Even if you don’t think your entry will win, just having it on the show bench will expand and enliven the display. This isn’t all about just you! We all owe this to our craft.

I have personally experienced and seen the joy attached to winning a 5th place ribbon at a top show. It puts a smile on your face! Winning a Silver Award might even cause you to waggle dance! Once again, don’t forget, “The Honey Show is the place to bee!”
2017 EAS HONEY SHOW RIBBON WINNERS

ARTS & CRAFTS SHOW

A1 Gift Arrangement
First Fiona O’Brien
Second Deborah Klughers

A2 Sewing Needlework
First Not Awarded
Second Amy Gilley

A3 Novelty Wax
First Not Awarded
Second Deborah Klughers

A4 Misc Arts Crafts
First Deborah Klughers
Second Albert Chubak

BEESWAX SHOW

B1 Beeswax Block
First Mark Fiegl
Second Deborah Klughers

B3 Tapers Molded
First Mark Fiegl
Second Alexandra Bartsch
Third Deborah Klughers

B4 Novelty Candles
First Betsy Plonski
Second Mark Fiegl
Third Deborah Klughers
Fourth Alexandra Bartsch

GADGET SHOW

G1 Gadgets Large
First Ronald Quillen
Second Oliver Collins

G2 Gadgets Small
First Crystal Lehmanking
Second Bonnie Morse
Third Tony Pulson
Fourth Capt. David G. Smith
Fifth Albert Chubak

HONEY SHOW COOKERY

C1 Cookies
First Jean Miller
Second Deborah Klughers

C3 Cake
First Deborah Klughers

C4 Candy
First Jean Miller
Second Deborah Klughers

H3 Amber
First Mark Fiegl
Second Ray Wise
Third Deborah Klughers

H4 Creamed Honey
First Alexandra Bartsch
Second Nicole Balenger
Third Mark Fiegl
Fourth Deborah Klughers

H6 4 Square Cut Comb
First Mark Fiegl
Second Bill Mondack
Third Deborah Klughers

H7 4 Cut Comb Circular Sections
First Not Awarded
Second Mark Fiegl

H8 Chunk Honey
First Mark Fiegl

H9 Frame
First Not Awarded
Second Deborah Klughers
Third Mark Fiegl
Fourth Raymond Banks

H10 Black Jar
First Mark Fiegl
Second Kimberly Carpenter
Third Kathleen Hossler
Fourth Genevieve Howard
Fifth Tim Moran
Sixth Martha Kiene

HONEY

H1 Light Honey
First Mark Fiegl
Second Sarah Plonski
Third Germaine Camishion
Fourth Peggy McLaughlin
Fifth Jim Gross
Sixth Nicole Balenger

H2 Light Amber
First Sarah Plonski
Second Peggy McLaughlin
Third Pam Mcfarland
Fourth Ann Zudekoff
Fifth Robert & Denise Dietrich
Sixth Eric Ulom

Photo Credit: Justin Luna
MEAD & HONEY BEER SHOW

M1 Mead Dry
First Bob Talkiewicz
Second Deborah Klughers
Third Bill Hingst
Fourth Sam Comfort

M2 Mead Sweet
First Dwayne Sayers
Second Deborah Klughers
Third Bill Hingst
Fourth Fred Proni

M3 Mead Fruit Juice
First Jack Grimshaw
Second Fred Proni
Third Bill Hingst

M4 Mead Sparkling
First Jack Grimshaw
Second Bill Hingst

PHOTOGRAPHY

P1 Photography - Closeup
First Emily K. Langlais
Second Hannah Evangelista
Third Jennifer Berry
Fourth Rachael Bonoan
Fifth Grai Rice
Sixth Deborah Klughers

P2 Photography - Scenic
First Deborah Klughers
Second Stephen McDaniel
Third Bill Hingst
Fourth Emily K. Langlais
Fifth Mary & Tom Sadlowski
Sixth Grai Rice

P3 Photography - Portrait
First Deborah Klughers
Second Sarah Plonski
Third Grai Rice
Fourth Emily K. Langlais
Fifth Kimberly Carpenter
Sixth Bill Hingst

P4 Photography - Essay
First Grai Rice
Second Deborah Klughers
Third Frank Lindsay
At the 2017 EAS meeting, the Divelbiss award was presented to two extraordinary beekeepers. Charles Divelbiss was a dedicated Ohio beekeeper from Mansfield, Ohio. He was a lifelong school teacher and school administrator who was also dedicated to beekeeping. The Divelbiss award, first awarded in 1988, recognizes beekeepers who are doing exemplary work with both beekeepers and non-beekeepers.


Alex Zomchek started keeping bees at the age of ten. He has built honey bees into his professional, academic, personal and public interests as researcher of Miami University Ecology Research Center and lecturer in Beekeeping, the last 23 years. Often termed the “Bee Whisperer”, he has been described as something between the Johnny Appleseed and Piped Piper of beekeeping. He is current President of the Butler County Beekeepers.

Alex generously gives of his personal time, be it by phone time, emails, or personal visits, to respond to seemingly all who call on him. When not giving lectures to bee groups across several states, he can be found giving public speaking engagements at county and state park events, libraries, schools, garden groups, senior centers, hospitals, and even a local prison.

He was described by his nominator as the first to volunteer and the last to take or want credit. His nominator additionally said “We think he has a physical inability to say “no” to anything beekeeping or education related”. He seems as comfortable with a group of school children as when teaching queen cell grafting or instrumental insemination to graduate students and seasoned beekeepers.

He works with local 4-H groups, judges for an annual state fair, coordinates booth displays and officiates as a honey judge. He is also the local gadget wizard - he is always inventing and experimenting with something. His current project, an Apiary Diagnostic Kit, is designed to help all beekeepers better monitor their hives for pests and diseases and help reduce hive mortality. Alex will be releasing a new book this year entitled, “Seasonal Monitoring – Saving Bees One Beekeeper at a Time”.

Ray Walker, of northern DE was recognized for his extraordinary dedication to the art of beekeeping, and for his devotion to educating new beekeepers with a sustainable apiary model. He attends meetings in multiple states, often providing highly sought-after presentations to these groups. He is currently President of the New Castle Beekeepers Association and was the 2017 recipient of the Robert Mitchell Lifetime Service Award of the Delaware State beekeepers.

When he is not speaking or working with his own bees, he is graciously volunteering his time to mentor other beekeepers. His outreach efforts have included presentations to Master Gardeners, Garden Clubs, Girl Scouts, Farm Day events, and mentoring Veterans, including the Project Hope effort of the De...
Beekeepers/ DE Dept of Agriculture. He is a certifier and provides informative sessions on the program for Certified Naturally Grown.

Ray created a program for 1st grade life science teachers on pollination and worked with a teachers committee to produce a curriculum that has been used for several years. He is invited into elementary schools to do live classroom demonstrations. He started a Bee Club and established a teaching apiary at a High School. He worked with science teachers to establish a curriculum, spent time mentoring individual students and hosted events to get students into the apiary. He also manages a school apiary for a private high school and tutors special project students in bee care and honey extraction. He assists biology teachers in a special pollination/beekeeping curriculum.

He has offered classes on Natural Beekeeping, Intermediate Beekeeping and Queen Rearing. His talk on Native Pollinator Habitat conservation and preservation has been presented to several natural groups and parks. Ray Walker, a retired engineer, now devotes his time and energy toward the pursuit of his passion for bees and educating new beekeepers.
At each annual conference, the Eastern Apicultural Society presents the Charles and Evelyn Divelbiss Education Award. This award is presented to that person or couple who has - over a period of years - reached out to the non-beekeeping public to explain the value of honey bees in our lives.

The nominee does not need to be from your own state or province. You may wish to announce this request for nominations at beekeeping meetings and in their newsletters. Feel free to contact officers of state and local organizations to request their suggestions for possible candidates and letters of support.

The nomination process is easy. Write a letter outlining how the candidate has reached the general public over the years. Groups, such as 4-H clubs, Scouting organizations, school groups, community organizations, Lions Clubs, and garden clubs, as well as media interviews and exhibits at county and state fairs, qualify as non-beekeeping public.

Although the main criteria is edification of the general public, the letter may also include activities that teach Short Courses and other instructional work toward educating beekeepers and prospective beekeepers. The nominee does not need to be a member of EAS (but the Society would be delighted if the recipient would join).

The deadline for submissions is February 1, 2018. Nominations and letters of support should be emailed to AwardNomination@easternapiculture.org.

Previous Divelbiss Award Recipients
1988  Al Delicata ME
1989  No award
1990  Charles Mraz VT
1991  Bob Haas NC
1992  Paul Montaux Canada
1993  Stafford Brown MA
1994  Cliff Sunflower PA
1995  George & Doris Payne DE
1996  Robert Hughes NJ
1997  Jerry Caldwell DE
1998  George Imire MD
1999  Dewey Caron DE
2000  Robert Cole NC
2001  Francis Bowen CT
2002  Richard Johnson NY
2003  Tony Jadczak ME
2004  Dan Conlon MA
2005  Sherry Ferell & Dave Heilman OH
2006  Ed Holcombe TN
2007  Robert Mitchell DE
2008  Bill Troup MD
2009  Richard Crawford NY
2010  Ann Harman VA
2011  Billy Davis VA
2012  Bill Mares VT
2013  Becky & Ted Jones CT
2014  Virginia Stephens Webb GA
2015  Sam Hall NY
2016  Tim Schuler NJ
2017  Ray Walker DE
2017  Alex Zomchek OH
Distinguished Speaker Award: New Award at EAS

by Dewey M. Caron

At EAS 2017 we started a new tradition of recognizing an EAS speaker with a Distinguished Speaker Award. This new award, similar to the Roger Hoopingarner Award for the ABF Distinguished Speaker, was made possible through a generous contribution to EAS by Ed and Elaine Holcomb, EAS Life Members of Shelbyville, Tennessee.

The initial award of the Ed & Elaine Holcomb Distinguished EAS Speaker Award in honor of Leslie H. Little and in recognition of Tammy Horn, Elaine Holcombe and Clarence Collison was made to Michael Palmer of Vermont. Program Chair Dewey Caron along with EAS Board Chairman Erin Forbes were able to present Mike with the Certificate at our closing banquet of EAS 2017 at University of Delaware August 4th, 2017.

Selecting a single speaker from among such great speakers at EAS was a tough task but Mike was the overwhelming choice of a distinguished panel of beekeepers selected by Erin Forbes, Chair of the EAS Board. Congratulations to Michael and all our speakers considered for our Distinguished Speaker Award.

Photo caption: Mike Palmer (left) chatting with EAS MB Bill Mondjack at UD EAS Clayton Hall Lobby
Call for Nominations for the EAS James I. Hambleton Memorial Award; Roger A. Morse Outstanding Teaching/Extension Service/Regulatory Award; and Student Apiculture Award

The James I. Hambleton Memorial Award was established by the Eastern Apicultural Society of North America to recognize research excellence in apiculture. The Student Apiculture Award was established to recognize students studying apiculture at the undergraduate or graduate level in a recognized college or university in the United States or Canada. The Student Award includes a $1,000 premium.

Each of the above award nominations must include a biographical sketch of the nominee, a list of his/her publications, specific identification of the research work on which the nomination is based, and an evaluation and appraisal of the accomplishment of the nominee, especially of work in the last five-year period for Hambleton Award nominees (or a shorter period for Student nominees). Two letters of recommendation supporting the nomination are also required.

The Roger A. Morse Outstanding Teaching/Extension Service/Regulatory Award Supported by Anita Weiss Foundation is given annually to recognize an individual in teaching/extension and/or regulatory activity in the field of apiculture. Nominations for this award are welcome from any person in the field of apiculture or may be self-nominating. Nominations shall consist of a letter documenting the achievement of excellence in any or all the areas of teaching/extension and/or regulatory activities in apiculture. Some indication of the appointment responsibilities should be included. In addition, a suitable CV or résumé documenting the activities of the nominee must be submitted. This award includes a $500 premium.

Nominations are now being accepted for all three awards. The awards for 2018 will be presented at the annual conference of the Society August 13-17, 2018 at the Hampton Roads Convention Center, Hampton, VA. Nominations and letters of recommendation should be emailed to AwardNomination@easternapiculture.org and received no later than February 1, 2018.

Resubmissions from a previous year should be updated if necessary, and a new cover letter be attached which should indicate that this is a resubmission and relevant data is already in EAS possession.
<table>
<thead>
<tr>
<th>Year</th>
<th>HAMBLETON AWARD RECIPIENT</th>
<th>STUDENT AWARD RECIPIENT</th>
<th>ROGER A. MORSE TEACHING/EXTENSION/REGULATORY AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>Rolf Boch</td>
<td>Mark Winston, University of Kansas*</td>
<td>2000 James E. Tew, The Ohio State University</td>
</tr>
<tr>
<td>1974</td>
<td>Norman Gary</td>
<td>Richard Nunnemaker, University of Wyoming</td>
<td>2001 Dewey M. Caron, University of Delaware</td>
</tr>
<tr>
<td>1975</td>
<td>Basil Furgala</td>
<td>Osman Kaftanoglu, University of California-Davis</td>
<td>2002 Michael Burgett, Oregon State University</td>
</tr>
<tr>
<td>1976</td>
<td>Walter Rothenbuhler</td>
<td>Alan Bolton, University of Florida</td>
<td>2003 Malcolm Sanford, University of Florida</td>
</tr>
<tr>
<td>1977</td>
<td>Samuel McGregor</td>
<td>Gloria de Grandi-Hoffman, Michigan State</td>
<td>2004 Don Dixon, Provincial Apiarist, Manitoba, Canada</td>
</tr>
<tr>
<td>1978</td>
<td>Hachiro Shimanuki</td>
<td>Gene Robinson, Cornell University*</td>
<td>2005 Marion Ellis, Ext. Specialist, University of Nebraska</td>
</tr>
<tr>
<td>1979</td>
<td>S. Cameron Jay</td>
<td>Daniel Pesante, Louisiana State</td>
<td>2006 Tony Jadczyk, Apiary Inspector, Maine</td>
</tr>
<tr>
<td>1981</td>
<td>Elton Herbert</td>
<td>Michael Smirle, Simon Fraser</td>
<td>2008 Robert Berthold, Delaware Valley College</td>
</tr>
<tr>
<td>1982</td>
<td>Thomas Rinderer</td>
<td>Jeff Pettis, Texas A&amp;M</td>
<td>2009 William Michael Hood, Clemson University</td>
</tr>
<tr>
<td>1983</td>
<td>Thomas Gochnauer</td>
<td>Ken Naumann, Simon Fraser</td>
<td>2010 Dennis vanEngelsdorf, Pa Dept of Agriculture</td>
</tr>
<tr>
<td>1984</td>
<td>Roger Morse</td>
<td>Ernesto Guzman-Novoa, University of California-Davis</td>
<td>2011 Maryann Frazier, Ext. Specialist, Penn State University</td>
</tr>
<tr>
<td>1985</td>
<td>Alfred Dietz</td>
<td>Lilia de Guzman, Louisiana State</td>
<td>2012 Doug McRory, Provincial Apiarist, Ontario, Canada</td>
</tr>
<tr>
<td>1986</td>
<td>Eric Erickson</td>
<td>Tanya Pankiw, Simon Fraser</td>
<td>2013 Don Hopkins, Apiary Inspector, North Carolina</td>
</tr>
<tr>
<td>1987</td>
<td>Martha Gilliam</td>
<td>Diana Sammataro, Ohio State</td>
<td>2014 Roger Hoopinarner, Michigan State University</td>
</tr>
<tr>
<td>1988</td>
<td>Robert Page</td>
<td>Tugrul Giray, University of Illinois, Urbana</td>
<td>2015 Medhat Nasr, Edmonton, AB</td>
</tr>
<tr>
<td>1989</td>
<td>Christine Peng</td>
<td>Elizabeth A. Capaldi, Michigan State University</td>
<td>2016 Honorable Mention Megan E. McConnell, University of Maryland</td>
</tr>
<tr>
<td>1991</td>
<td>Mark Winston</td>
<td>Paula A. Macedo, University of Nebraska</td>
<td></td>
</tr>
<tr>
<td>1992</td>
<td>Gene Robinson</td>
<td>David Schultz, University of Illinois</td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td>Thomas Seeley</td>
<td>Heather Mattila, University of Guelph</td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td>William Wilson</td>
<td>Selim Dede, University of Georgia</td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>John Harbo</td>
<td>Lora Morandin, Simon Fraser</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>Walter S. Sheppard</td>
<td>Shelley Hoover, Simon Fraser</td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>Gloria DeGrandi-Hoffman</td>
<td>Nick Allano, University of Nebraska, Lincoln</td>
<td></td>
</tr>
<tr>
<td>1998</td>
<td>Gard W. Otis</td>
<td>Geoff Williams, Acadia University</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>Orley ‘Chip’ Taylor</td>
<td>Reed Johnson, University of Illinois</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Marla Spivak</td>
<td>Elna Lastro Niño, Pennsylvania State University</td>
<td></td>
</tr>
<tr>
<td>2001</td>
<td>Jeff Pettis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2002</td>
<td>Stanley Schneider</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>Keith Delaplane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>Greg Hunt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Zachary Huang</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>David Tarpy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Lilia DeGuzman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>Jay Evans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>Christina Grozinger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>Robert G. Danka</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>Robert G. Danka</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>Ernesto Guzman, University of Guelph</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>Heather R. Mattila, Wellesley College</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>Ramesh R. Sagili, Oregon State University</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>Andony Melathopoulos, Dalhousie University, Halifax, NS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>Cameron Jasper, University of California, Davis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>Honorable Mention Megan E. McConnell, University of Maryland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>Michael L. Smith, Cornell University</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The EAS Foundation for Honey Bee Research is a competitive grant program developed from donations received from beekeepers and others interested in funding research on topical problems in honey bees. Requests for “seed money” to provide investigators the opportunity to collect preliminary data or as “add on” funds to combine with other funding sources to continue present research will also be considered. Requests for support for student projects (undergraduate summer employees/graduate student) or for equipment/supplies for distinct research projects are given highest priority. As a nonprofit organization, the EAS Foundation does not pay overhead on funded research grants.

There will be one (or more) awards available in 2018; the total amount available for all awards is $10,000. The award will be announced at the EAS 2018 Conference but available by May 1, 2018. The principle investigator must present their findings at the 2019 EAS Annual Conference, and we will publicize the award to aid in solicitation of additional funds for subsequent years.

Deadline for application is February 1, 2018. Additional submission details can be found at www.easternapiculture.org/honey-bee-research, and further inquiries can be directed to HoneyBeeResearch@easternapiculture.org.

Proposal Submission Criteria

1. Proposals are welcome from any individuals conducting research on honey bees. The role the investigator will perform if awarded the funds should be clearly stated.

2. Proposal should briefly outline the objective and a plan of work, to be completed within one year of funding, and a justification for the proposed work. If intended as “seed money,” the proposal should clearly state how the funds will enable the investigator to secure additional funding for project continuation. Proposals should not exceed five written pages in total length (double-spaced) excluding title page, budget, and résumé. Only electronic submissions will be accepted.

3. Proposal must indicate how results will be disseminated if grant is funded. Investigators must present their work to a future EAS annual meeting and through the EAS journal (in summary form) if at all possible, but other funds should be used for such dissemination. An acknowledgment of EAS support should be included in any presentations or publications resulting from the research.

4. The proposal should be arranged in the following format:
   a) cover page to include title, name, address, e-mail, and telephone of investigator(s) and title/affiliation of investigator
   b) justification
   c) objective(s)
   d) project description
   e) plan of work/timetable
   f) budget
   g) short (half page) résumé of each participant
   h) name of principal investigator to appear on every page of proposal (very important)

5. Electronic copy of the proposal should be submitted by February 1, 2018 to the email account, HoneyBeeResearch@easternapiculture.org.

Proposal Review Process

EAS will review each proposal with a three person proposal review board. One person is a member of the Board of Directors while the remaining two are researchers (the Board member may be a researcher). None of the panel will have a direct connection to any research project for which a proposal has been submitted. In cases of conflict that panel member will be excused from voting.

Evaluation of proposals will be made on the following criteria: scientific merit, relevance of the proposed project to beekeeping, reasonableness of the budget proposal to the actual work to be performed, potential for securing or adding to funding from other sources, and finally, interest of proposed research to EAS members. All funds must be expended by June 30, 2019 and an accounting of expenditures made available to the EAS treasurer by August 1, 2019.
Foundation for Honey Bee Research Award

1994  Diana Sammataro and Glen Needham, Ohio State
“Acarapis woodi and the effects of vegetable oil on its movements”  1,200.00

1994  Cynthia Scott Dupree, University of Guelph, Ontario
“Potential transmission of honey bee viruses by acarapis woodi”  850.00

1995  None

1996  Greg Otis, University of Guelph, Ontario
“The selection of varroa resistance in honey bees based upon the development period of all bee castes”  1,500.00

1996  Scott Camazine, Penn State
“Monitoring, mapping and management of insects affecting vegetable crops”  1,500.00

1997  Diana Sammataro, Ohio State
“Efficacy and effect on essential oils for controlling parasitic bee mites”  2,000.00

1997  Keith R. Tignor, VPI, VA
‘Effects of Formic Acid on Honey Bee Survival and Egg-Laying Capacity”  2,000.00

1998  None

1999  None

2000  Dr. Medhat Nasr, University of Guelph, Ontario
Matching grant Proposal entitled “Evaluation of Russian Honey Bee Stock for Varroa Resistance and Economic Traits in Northern Climates”  3,500.00

2001  Keith Delaplane, University of Georgia
‘Putting it all Together: Using Published IMP Strategies to keep Varroo Mites below Economic Threshold.”  5,000.00

2002  Mike Hood, Clemson University
“Economic Threshold of Mites”  5,000.00

2003  Abdullah Ibrahim, University of Minnesota
“Honey Bee Mechanisms of Resistance to Disease and the Parasitic Mite Varroa Destructor”  5,000.00

2004  Tom Webster, University of Kentucky
“An Evaluation of Screened bottom broods for showing the development of acaricide resistance in varroa mites”  5,000.00

2005  Dr. Gard Otis & Heather Mattila, University of Guelph, Ontario
“The effects of pollen supplements and shortages on worker bee size, protein content, symmetry and foraging ability.”  5,000.00

2006  Christina Grozinger & David Tarpy, North Carolina State University
“Effect of Queen mating number on supersedure rates in Honey Bees.”  5,000.00

2007  Tanya Pankiw, Shane Tichy, for support of Brad Metz in his PhD studies, Texas A&M University
“Semiochemical communication of larva nutritional status in the Honey Bee.”  5,000.00

2007  Dennis vanEngelsdorp & Diana Cox-Foster, Pennsylvania State University
“Colony Collapse Disorder (CCD) Research.” 5,000.00

2008  Juliana Rangel-Posada, Cornell University
“Swarming: how is the mass departure triggered and what determines which bees leave?”  5,000.00

2009  Galen Dively, Mike Embrey, and Terry Patton, University of Maryland
“Assessment of Potential Exposure Risks to Honey Bees from Neonicotinoid Insecticide Use on Cucurbit Crops”  5,000.00

2010  Mike Goblirsch and Marla Spivak, University of Minnesota
“The Effects of Nosema ceranae Infection on Honey Bee Health.”  5,000.00

2011  Brenna Traver and Rick Fell, Virginia Tech University
“Noosema ceranae infections in queen honey bees”  5,000.00

2012  Tom Seeley and J. Carter Loftus, Cornell University
“Testing small hives as a management tool for producing honey bee colonies that are naturally resistant to Varroa mites”  5,000.00

2013  Drs. Thomas Janini and Reed Johnson, Ohio State University
“Effects of Neonicotinoid/Fungicide/Adjuvant Pesticide Combinations Commonly Encountered by Honey Bees on Pumpkins”  5,000.00
<table>
<thead>
<tr>
<th>Year</th>
<th>Researchers</th>
<th>Institution</th>
<th>Title</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>Leonard Foster, Kelly Butts, Marta Guarna.</td>
<td>USDA-ARS Bee Research Lab</td>
<td>“Effects of pesticides on behavioral defenses of Honeybee against pathogens”</td>
<td>5,000.00</td>
</tr>
<tr>
<td>2015</td>
<td>Mrs. Kathleen Evans and Dr. Deborah Delaney</td>
<td>University of Delaware</td>
<td>“Evaluation of late-summer splits on varroa mite reduction and colony productivity.”</td>
<td>5,000.00</td>
</tr>
<tr>
<td>2016</td>
<td>Kathryn Grogan and Carlyle Bewster</td>
<td>Virginia Tech</td>
<td>“An Assessment of the Direct and Indirect Effects of Factors Impacting Honey Bee Health in Virginia”</td>
<td>3,000.00</td>
</tr>
<tr>
<td>2016</td>
<td>Rachael E. Bonoan, Philip T. Starks, and Benjamin Wolfe</td>
<td>Tufts</td>
<td>“Essential amino acids and the honey bee microbiome”</td>
<td>7,000.00</td>
</tr>
<tr>
<td>2017</td>
<td>Ashley St Clair</td>
<td>Iowa State</td>
<td>Forage and fecundity: Does apiary location affect queen quality and brood production?</td>
<td>10,000.00</td>
</tr>
<tr>
<td>2017</td>
<td>Sabrina Rondeau</td>
<td>Université Laval</td>
<td>Integrated pest management against varroa mites: is Stratiolaelaps scimitus a promising tool?</td>
<td>3,000.00</td>
</tr>
</tbody>
</table>
Honey Bee Health Coalition Report

By Dewey M. Caron and Tammy Horn Potter

At the semi-annual Honey Bee Health Coalition (HBHC) meeting, the interdisciplinary makeup of the Honey Bee Health Coalition was in focus. The Crop Pest Management Task Force has been seeking to better define and find means to mitigate pesticide damage to bees. The Task force reported that a soybean Best Management Practice (BMP) is nearing final draft and plans for crop/field rep training in bee health, to include CPU credit, are under development.

This task force conducted a panel discussion on seed treatment and foliar pesticide application with respect to their acute and chronic (long-term) effects on pollinator health. Seed treatments are meant to target potential pests that can negatively impact early seed sprouting and growth. Their use might avoid need of a more generally broadcast pesticide in early growth stages of a crop. Predicting what pests might appear is difficult as most soil pests can't be monitored in the fall nor pest population sizes predicted accurately. While untreated seeds are available, using the treated seeds is the "easy" approach. Additionally they are aggressively marketed as grower insurance.

As with pest of honey bees, there is a time lag between new technology and unintended consequences. Blanket approaches, whether to control bee mites or soil pests, are not the prevailing IPM approach in pest management but commonly employed. Unfortunately regulatory coverage of seed treatments is neither extensive nor adequate; MP3 documents have attempted to fill some of the gaps, but rely on behavioral change of individuals and stewardship, a less than widely adopted management.

Different size/shape seeds do not all have the same issues with dust applications or potential pesticide adherence, so different crops represent different types of potential hazards for beneficials like pollinators. If the seeds work exactly as intended in the real world, there would be no bee exposure. However there have been some concerns with apparent losses of honey bee colonies. The crop protection industry consensus is they have responded positively and taken voluntary remediation actions to mitigate dust-off, one of the major means that honey bees have been exposed.

The panel also discussed concerns related to tank mixes, the practice of farmers putting more than one chemical into the tank when they spray to reduce the number of trips over the crop. Regulations and labelling have not kept pace with new applications, nor with the science that has indicated there are risks from certain additive materials and mixtures. There are so many potential combinations of compounds that might be tank mixed and what might happen when they are put together, that it isn't plausible to test every possible combination. Beekeepers continue to express their concern that both the additions and even the carriers and adjuvants of sprays are harming their bees.

For the beekeeper, delayed exposure is an issue with foliar applications. For example some bee colonies experiencing a brood crash after they arrive home from California pollination. The California Almond Board continues to use BPMs to educate growers on how to protect pollinators and there has been some reduction in use of insecticides. MP3's are helping in providing information. NOTE: Both NJ and Delaware MP3s were discussed at EAS 2016 and 2017 respectively.

On the nutrition front another HBHC Task Force earlier this spring, the HBHC released a report focused on commercial beekeepers' insights into feeding strategies: http://honeybeehealthcoalition.org/wp-content/uploads/2017/05/Summary-Report-Beekeeper-Insights-Honey-Bee-Nutrition-Supplements-April-2017.pdf Beekeepers interviewed were from all over the States and a few from Canada. The Report highlights, among other concerns, the inability to develop the “holy grail” of pollen substitutes; always somehow "recipes" may be missing a key ingredient that would enable beekeepers to provide affordable supplements in times of pollen dearth. The survey points out beekeepers still depend on word of mouth from a small network for information on how and when to feed and which supplement to use.
Proper nutrition is believed to help bees with stressors such as disease and necessary for “time sensitive” tasks like building up for almonds and subsequent movement onto to apples, blueberries and cucurbit pollinations.

As a way of “pushing the envelope” on nutrition even further, HBHC will be promoting a competition this summer to find the most innovative ideas to tackle honey bee nutrition challenges. Finalists will have the opportunity to pitch their ideas to leaders in the beekeeping industry at the ABF meeting in Reno, and a chance to win prize money to implement their projects. Stay tuned for more information!

HBHC was able to secure some important funding for projects underway. Bayer and Project Apis m, thru Healthy hives 2020, will support the HBHC Bee Integrated Demo project mentioned in the Spring 2017 EAS Journal. Coalition members Bayer, CropLife Canada, the Canola Council of Canada, Monsanto, and Syngenta recently helped launch the Bees Matter program, along with other partners, including HBHC. This new effort is focused on creating a platform for conversation, dialogue and information sharing regarding modern agriculture and the importance of ensuring a healthy environment for honey bees.

Finally, Tammy Horn Potter, the EAS representative to HBHC, has been invited to join the Steering Committee of HBHC.
Engaging Veterinarians in Beekeeping

by Dr. Linda A. Mizer

Federal legislature has been passed that now requires a prescription for antibiotics to treat bacterial diseases of such as American and European Foulbrood in bees, rather than being able to obtain these medicines as "over the counter" purchases.

The 2017 Annual New York State Veterinary Conference was held at the College of Veterinary Medicine at Cornell University October 6-8th and for the first time the attending veterinarians were offered a “Bee Track” in addition to Companion Animal, Equine and Bovine Tracks. An entire day was dedicated to lectures and lab opportunities to introduce veterinarians to the diversity of bee agriculture including comparisons between our semi-domesticated and feral bee colonies from Dr. Tom Seeley, Tracheal Mites and Nosema by Dr. Christopher Cripps, Role of the Veterinarian in Honey Bee Health by Meghan Milbrath, Michigan State and Varroa Destructor by Hailey Scofield (and David Peck).

The participants lunched at the Dyce Lab and listened to a presentation on American and European Foulbrood by Scott McArt. Then off to Cornell’s Liddell Bee Laboratory with Tom Seeley and Meghan Milbrath for hands on working with a brief hive inspection and use of a Foulbrood Test Kit. The day wrapped up with a panel discussion. The sessions were well attended and well received by the participants. Please welcome your local veterinarian into your bee yards and help them become part of the bee community.
Invitation to EAS 2018 Conference, Hampton, VA

August 13 - 17, 2018

EAS 2018
Hampton Roads Convention Center, Hampton, Virginia

Conference (Aug 15-17)
Speakers Include:
Subject to change
- Celia Davis, NDB (National Diploma in Beekeeping, UK)
- Dr. Jamie Ellis, University of Florida
- Randy Oliver, Scientific Beekeeping
- Mike Palmer, French Hill Apiaries, Vermont
- Freddy Proni, North Carolina Grown
- Sammy Ramsey, University of Maryland
- Dr. Juliana Rangel, Texas A & M
- Dr. Jennifer Tsuruda, Clemson University
- Dr. Kirsten Traynor, American Bee Journal
- Michael Young, MBE, Institute of Northern Ireland Beekeepers
and MANY others

Centrally located along the East Coast, 40% of the US population is within one day's drive (10 hours) of Hampton, Virginia.

Fun and easy day trips to Colonial Williamsburg and the Virginia Beach Boardwalk are less than an hour away!

Short Course (Aug 13 & 14)
Topics include:
- Beginners Track
- Intermediate Track
- Apairy Track
- Electronic Hive Monitoring
- Excellence in Honey & Hive Products
- Queen Rearing

Special Events:
- Beekeepers' Beach Bash
- Tea with Celia Davis
- Queen of the Sun Film Screening
- Honey Show and Awards Banquet
- Silent Auction and Dinner
- Trip to historic Jamestown, entry point for honey bees into North America
- Trip to St. George's Brewery and Apiary
Call to Order and Welcome: Chairman Erin MacGregor Forbes presided over the 62nd EAS Annual Business Meeting at the University of Delaware on August 4, 2017 and called the meeting to order at 11:15 am.

Secretary’s Report - Carol Cottrill
Approval of July 29, 2016 New Jersey Business Meeting Minutes (Published in the Journal). John Baker moved and seconded by Rusty Holtz to accept the EAS 2016 Business Meeting Minutes as published. Motion carried.

Treasurer’s Report - Jacky Hildreth
Last year’s conference made approximately $27,000 in income over expenses; EAS profit for the year was approximately $7,200. This year’s conference should bring in about $35,000 above expenses and generate about the same profit for EAS as last year. The auction brought in about $9,600. Jacky has invoices prepared for the member state association dues for Directors to pick up.

Chairman’s Report – Erin Forbes
This has been a good conference with a strong representation and participation by Master Beekeepers. The volunteers have done a great job; thanks to all who have helped.

Past President’s Report (EAS 2016) - Jeff Burd
The 2016 conference in Stockton had a good program, lots of volunteers helping out and it made a profit.

President’s Report (EAS 2017) - Robert Bauer
Thanks to all who helped. The auction went well, the vendors were great and there were lots of volunteers who helped. Room changes were needed for some sessions because of the increase in the number of attendees.

Vice President’s Report (EAS 2018) – Pam Fisher
Karla Eisen did a presentation just prior to the business meeting on the 2018 Conference to be held in Virginia.

Master Beekeeper Certified: Dewey Caron
Dewey presented a Master Beekeeper Certificate to Wubishet Adugna from Ethiopia as he will not be able to attend the banquet tonight. Certificates will be awarded to eight additional new Master Beekeepers.
Sites:
- 2018 - Virginia August 13 – 17, 2018 in Hampton, VA.
- 2019 – South Carolina will be working to find a site to hold the conference
- 2020 – both Maine and Massachusetts are interested in hosting

Committee Reports

Awards –
James I. Hambleton - Dr. Ramesh Sagili, Oregon State
Roger Morse – Paul G. Kelly, Canada
Student Award - Michael L. Smith, Cornell

Divelbiss Award – Carol Cottrill
Will be announced at the Banquet Friday evening (Note: awards given to Ray Walker and Alex Zomchek)

Finance – Jacky Hildreth
Has been tracking the budget to actual numbers and the results have been good.

Membership – Lou Naylor
Encouraged Life Membership.

Nominations for 2018 Officers and Directors:
- **Past President**: Bob Bauer (DE)
- **President**: Pam Fisher (VA)
- **Vice President**: Buddy May (SC)
- **Master Beekeeper Director**: Steve Repasky

Erin MacGregor Forbes asked that we accept the slate of officers and that the secretary cast one ballot for the slate.

Financial Audit - John Baker
John Baker and Dan Conlon reviewed the checkbook and the ledgers and everything was ok. EAS has approximately $400,000 in assets. They suggested that an actual audit be performed by a qualified auditor. EAS needs to pay more attention to its investments.

Honey Bee Health Coalition – Tammy Horn Potter
The Honey Bee Health Coalition has two meetings a year and has prepared a number of tools and videos that are available for general use. Tammy has additional information if anyone is interested.
Honey Bee Research Awards – Jennifer Lund
Ashley St Clair - $10,000 Forage and fecundity: Does apiary location affect queen quality and brood production?
Sabrina Rondeau - $3,000 Integrated pest management against varroa mites: is Stratiolaelaps scimitus a promising tool?

Honey Show – George Wilson
There was a 25% increase in the number of people entering the Honey Show this year and a 30% increase in the number of entries. There were eleven silver awards sponsored with almost $6,000 in sponsorships donated. Many of the blue-ribbon winners donated their entries to the auction; the income from these donations covered most of the honey show expenses. George would like to see a perpetual award added to the EAS Honey Show sponsored by State Associations or vendors.

Journal – Linda Mizer
The editor needs feedback on the Journal.

Life Membership - Mary Duane
EAS currently has over 400 Life Members. Life Members were invited to a luncheon on Thursday with a presentation by Tammy Horn Potter.

Master Beekeepers and Master Beekeeper Certification - Landi Simone
This year 29 individuals took some or all of the Master Beekeeper Certification exams. Nine new Master Beekeepers passed and will be announced at the Banquet tonight. The program has now gone international with the certification of Wubishet Adugna from Ethiopia!

Webmaster - David Meldrum
Dave Meldrum is retiring from his position of Webmaster so we are looking for a new webmaster. Many thanks for all his hard work.

UNFINISHED BUSINESS

Yoga at EAS has been very popular the past couple of years so it will be kept for next year’s conference.

NEW BUSINESS

Lou Naylor presented the 2017 Resolutions.

ADJOURNMENT
Mary Duane moved and John Baker seconded moved to adjourn the meeting at 12:00 pm. Motion carried.

Submitted by Carol Cottrill, EAS Secretary
2017 Eastern Apiculture Society Resolutions

BE IT RESOLVED THAT:

1. EAS THANKS Robert Bauer for his leadership as President
2. EAS thanks University of Delaware for working with us to make this year’s conference a success.
3. EAS thanks all who served as committee chairs and worked to make the EAS 2017 meeting a huge success including Erin Mac Gregor Forbes, Linda Mizer, Dewey Caron, Dave Meldrum, Carol Cottrill, Jacky Hildreth, Bob Talkiewicz, Lou Naylor, Doris Morgan, Pam Fisher, Rebecca Rendeiro, Roseann Harkins, Ken Kirk, Jeff Burd, Lynn Thompson, Dana Master, George Wilson, Carla Eisen, Rachel Brown, Linda Cortinas and Debbie Delaney.
4. EAS thanks Linda Mizer for producing this year’s program guide.
5. EAS thanks Amy Gilley for our Social Media Campaign
6. EAS thanks the EAS Executive Committee, Board of Directors and Committees for helping to make our Organization a continuing success.
7. EAS thanks all volunteers who gave their time to assist in any way needed to create a warm welcome to our members and guests.
8. EAS thank all of the speakers for their presentations and for working for the improvement of the honey bee industry.
9. EAS thanks Master Beekeeper Advisor Dewey Caron, Landi Simone, Carol Cottrill, Dorinda Priebe, Barry Thompson, and the many other Beekeeper volunteers who planned and carried out candidate testing.
10. EAS thanks Ronnie Quillen and Oliver Collins for providing honeybee colonies for use throughout the meeting.
11. EAS thanks Honey Show Chair George Wilson, Carla Eisen, and all who acted as judges and assistants for their work on our Honey Show.
12. EAS thanks short course and conference break sponsors Rossman Apiaries, Mann Lake LTD Gamber Container INC. and Dadant.
13. EAS thanks Sarah Red Laird for leading the next Gen Workshop and the Kids and Bees program.
14. EAS thanks Peter Lindtner for his beautiful and educational photography exhibit and his guidance on our trips to Mt. Cuba and Nemours.
15. EAS thanks Mark Woodward for his help with advertising.
16. EAS thanks the DE Secretary of Agriculture Michael Scuse for his auctioneering skills.
17. EAS thanks all volunteers who provided transportation to the airports and wherever needed.
18. EAS thanks all of the newspapers, magazines and TV stations that have continued to produce materials to bring awareness of honeybees and beekeeping to the public.
19. EAS thanks the Pennsylvania Honey Queen for attending and giving assistance with many events.
20. EAS and the Master Beekeepers in particular, thank Mann Lake LTD. For graciously continuing to support the EAS Mann Lake Master Beekeepers Scholarship in keeping with our mission of education.
22. EAS thanks all who have so generously donated items to our auctions.
23. EAS thanks the Master Beekeepers who fulfill a core part of our mission.
24. EAS thanks all who have donated the time talents and resources to make this EAS a great success.
EAS BOARD OF DIRECTOR’S MEETING
July 30, 2017 5:00 p.m.
University of Delaware
Clayton Hall
Newark, DE
or Via WebEx

Chair Erin MacGregor Forbes called the meeting to order at 5:11 pm.

ELECTION OF NEW DIRECTORS
The following nominations for directors were presented by state societies:

- Buddy May - South Carolina
- Karla Eisen – Virginia
- Rich Weiske – Michigan
- Robyn McCallum - Canadian Maritime Provinces
- Vincent Aloyo – Pennsylvania
- Linda Tillman - Georgia

Jeff Burd made a motion to accept the nominations, seconded by Jacky Hildreth, voted and passed unanimously.

ROLL CALL OF OFFICERS AND DIRECTORS

Present at the Conference Center: Erin MacGregor Forbes, Chairman; Bob Bauer, President; Pam Fisher, Vice President; Carol Cottrill, Secretary; Jacky Hildreth, Treasurer; Peggy McLaughlin, ME; Tim McMahan, MD; Mary Duane, MA; Landi Simone, Master Beekeepers; Rich Weiske, MI; Dorinda Priebe, NH; Lou Naylor, NJ; Doug Vinson, NC; Vincent Aloyo, PA; Jane Dennison, RI; Karla Eisen, VA; Dave Meldrum, Web Master.

Attending via WebEx: Jeff Burd, Past President; Buddy May, SC; Michael Coulter, TN.

Absent: Linda Allen Mizer, Vice Chairman; Jim Bobb, Chairman Emeritus, PA; William Miller, AL; John Baker, CT; David Mendes, FL; Linda Tillman, GA; Debbie Seib, IN; Tammy Horn Potter, KY; Randy Fair, LA; Bob Talkiewicz, NY; Peggy Garnes, OH; Charles Walter, WV; Andre Flys, ON; Joel Laberge, QC.

Guests: Joan Mandell, MI; Fred Proni, NC; Roseanne Harkins, DE.

Proxies: none

STATES/PROVINCES IN GOOD STANDING
**REPORTS**

**Secretary’s Report:** Carol Cottrill  
Landi Simone moved to accept the March 11, 2017 Board of Director’s Minutes as distributed, seconded by Jacky Hildreth, voted and passed.

**Treasurer’s Report:** Jacky Hildreth  
The conference in New Jersey last year made approximately $27,000 over expenses. The actual profit for the year was about $7,200 as EAS has fixed expenses of around $20,000 per year. This year’s conference is on track to make around $39,000.  
Jacky has prepared invoices for state dues that need to be paid on 9/1/2017. States cannot become lifetime members, but can pay for multiple years. Wild Apricot is working well at tracking membership. Charges for the Master Beekeeper Exams can now be invoiced like other conference charges.  
Thanks to Roseanne Harkins who was the Delaware Treasurer.

**Chairman’s Report:** Erin MacGregor Forbes  
This conference was very well organized; we are learning, passing along information and delegating better.

**Past President’s Report (EAS 2016):** Jeff Burd  
The conference last year in New Jersey at Stockton College went well. Preparations started late, but things still came together well.

**President’s Report (EAS 2017):** Robert Bauer  
Thanked the many volunteers. Felt that they should have started preparations earlier than they did.

**Vice President’s Report (EAS 2018):** Pam Fisher  
Pam thanked Bob Bauer for allowing the Virginia group to participate in the WebEx calls.  
The site has been approved, the contracts are signed, and a logo has been designed. Dr. Rick Felt is the academic advisor; the kid’s programs will use local folks. A lot of the positions for the conference have been filled. May be able to have a field trip to Jamestown.  
Since it is at a Conference Center it will be more expensive so some fund raising to cover the speakers’ rooms is being considered. Are there any restrictions on asking for funds from companies such as Monsanto?  
Ocean Spray is willing to donate again; we can’t bring in food for breaks, but could possibly put food in the welcome bags.  
Karla is planning a free public event – the movie Queen of the Sun. Speakers for the main conference are almost full. Master Beekeepers will be involved in the Short Course, but still need a person to handle that aspect. There will be multiple tracks: beginner, intermediate, advances, hive monitoring, excellence in honey/hive products, queen breeding/rearing, apiary, train the trainer are all ideas being considered.

**Sites:**
- **2017 DE** – Bob Bauer  
- **2018 VA** – Pam Fisher  
- **2019 SC** – Buddy May
Buddy May read a letter from South Carolina Beekeepers Association (copy attached) stating they would like to host EAS in 2019. Landi Simone motioned to have EAS 2019 in South Carolina, Jeff Burd seconded and the motion passed unanimously. Buddy May just became the first Master Craftsman from South Carolina. Gaining this certification required 14 years; Buddy was also the first EAS Master Beekeeper in South Carolina. Both Maine and Massachusetts are considering hosting EAS in 2020.

COMMITTEE REPORTS

Awards
- James I. Hambleton - Dr. Ramesh Sagili
- Roger Morse – Paul G. Kelly
- Student Award - Michael L. Smith

Divelbiss Award – Carol Cottrill
Will be announced at the Banquet Friday evening. (Note: awards given to Ray Walker and Alex Zomchek)

Membership – Lou Naylor
As of today, 604 people have registered for this year’s conference. EAS has a total membership of 1,541.

Nominations -
States without directors: Illinois, Mississippi, Vermont, Wisconsin, Ohio, Ontario and Quebec need to submit nominations if their current Directors are going to serve an additional term. Karla has been working trying to get these states to nominate a Director. Erin Forbes is planning to serve one term which will end in 2019. She plans to be an active Past Chair. Jacky Hildreth is willing to stay on as Treasurer. George Wilson will only do Honey Show Chair through the Virginia conference.

Karla Eisen suggested that EAS add Director at large positions in addition to adding Washington D.C. The procedure for this is to amend the bylaws by adding Washington D.C. to Section 2.2 Initial Term of Directors. The proposed wording must be approved by the board of directors. The amendment must then be published in the EAS Journal immediately preceding a general meeting. The amendment must be approved by a majority vote of the General Membership at the annual General Membership Business Meeting. Erin will develop the proposed wording to have it ready in time for the October board meeting.

Education - Vince Aloyo
Vince asked to step down as chair of the Education Committee. Originally the committee was formed to investigate additional education opportunities between conferences. A motion to suspend this committee was made by Bob Bauer, seconded by Mary Duane, voted and passed.

Financial Audit – John Baker via email
John Recommended evaluating the EAS endowment which was $326,000 in January of this year. This fund is handled by The Delaware Community Fund (which manages non-profit endowments).
Are we maximizing the return on this investment? EAS also has about $40,000 in CDs which return very little. They are meant to keep cash on hand, but would it be better to invest this money? Currently the Honey Bee Research awards are not coming out of the endowment, but are coming from the general fund.

**Historian** – Still need to find someone to take the position of Historian. Historical materials are still in storage at Allagash in Maine. Ten years of the EAS Journal are being scanned.

**Honey Bee Health Coalition** – Tammy Horn Potter
Fall meeting October 16 – 17, 2017 in Virginia

**Honey Bee Research**
Jennifer Lund, the Maine State Apiarist volunteered to head this committee. Awards went to:
- Ashley St Clair - $10,000 Forage and fecundity: Does apiary location affect queen quality and brood production?
- Sabrina Rondeau - $3,000 Integrated pest management against varroa mites: is Stratiolaelaps scimitus a promising tool?

Information on the Honey Bee Research award winners needs to be put on the website. The date for submission of proposals needs to be moved up from the April 1 deadline so that the awards can be given out earlier.

**Honey Show** – George Wilson
The Honey Show is completely subscribed for one bowl and ten silver plates plus ribbons for six places in each category. $2,500 in income was collected from sponsors.

**Journal** – Linda Mizer
A graphic designer is being paid to do the Journal layout. Linda needs to receive content for the issues.

**Life Membership** - Mary Duane
The annual Life Member luncheon will be on Thursday. Mary sent a letter to all Life Members inviting them. There was a positive response to this. Tammy Horne Potter will be the speaker. We need to order more Life Member pins and they should have the new logo on them. There are currently 455 Life Members.

**Mann Lake EAS Scholarship**
Landi Simone said that Gideon Galeete from Cameroon was chosen as the winner of the scholarship, but he was unable to get a Visa to come to the US. He may have already paid for his plane tickets and we should pay the portion that the scholarship would have paid if he did.
The deadline for the scholarship was extended and there is a second-place candidate (if the money isn’t needed for the plane tickets). There were not many applicants so we may need to send out the request earlier. Directors in some states are not promoting the scholarship; the request for applicants be sent to the state organizations and be advertised in Bee Culture and ABJ as well. Ads would need to be sent in October to make the January issues. A story on the scholarship should be submitted to the magazines as well.
Master Beekeeper Certification - Landi Simone
Nineteen new and eleven retest candidates signed up for this year’s certification testing. There will be 23 written, laboratory and field exams and 26 oral exams given this year.

Master Beekeepers - Landi Simone
The Master Beekeepers have formed an Ethics Committee to work on a procedure for situations where a candidate or current Master Beekeeper is not behaving in an appropriate manner (e.g. not being truthful, inappropriate behavior related to beekeeping). Judge Dan O’Hanlon will help the committee in an unofficial capacity.

Policy & Procedures –
Bob Bauer can document what he did this year for volunteer compensation. It will be difficult to have a set procedure as some flexibility is needed.

Webmaster - David Meldrum
Dave is “retiring” as Webmaster. There is someone from New Jersey who might be interested, Dorinda Priebe’s daughter is considering it and Bruce Hammond’s son might be interested.

NEW BUSINESS

Fall Board of Director Meeting – will be scheduled via WebEx

ADJOURNMENT
The meeting was adjourned at 7:10 p.m.

Submitted by Carol Cottrill, EAS Secretary
### Eastern Apicultural Society of N.A,
#### Profit & Loss Previous Years Comparison

<table>
<thead>
<tr>
<th></th>
<th>Jan - July 25, 17</th>
<th>Jan - Dec 16</th>
<th>Jan - Dec 15</th>
<th>Jan - Dec 14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ordinary Income/Expense</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>INTERIM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumulative Translation Adj</td>
<td>0.00</td>
<td>0.00</td>
<td>-4,703.91</td>
<td>0.00</td>
</tr>
<tr>
<td>Del. Comm. Foundation Income</td>
<td>8,282.22</td>
<td>14,632.74</td>
<td>-3,177.39</td>
<td>4,478.38</td>
</tr>
<tr>
<td>Donations Income</td>
<td>1,238.10</td>
<td>2,074.96</td>
<td>16,666.00</td>
<td>24,461.00</td>
</tr>
<tr>
<td>EAS Journal Ads</td>
<td>0.00</td>
<td>0.00</td>
<td>200.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Exam Income</td>
<td>25.00</td>
<td>2,150.00</td>
<td>1,025.00</td>
<td>1,275.00</td>
</tr>
<tr>
<td>Interest Income, Other</td>
<td>673.92</td>
<td>222.05</td>
<td>431.75</td>
<td>317.63</td>
</tr>
<tr>
<td>Membership Dues</td>
<td>14,825.00</td>
<td>18,955.00</td>
<td>10,475.00</td>
<td>16,145.00</td>
</tr>
<tr>
<td>Miscellaneous Income</td>
<td></td>
<td></td>
<td></td>
<td>1,196.00</td>
</tr>
<tr>
<td><strong>Transfers</strong></td>
<td></td>
<td></td>
<td>-10,000.00</td>
<td></td>
</tr>
<tr>
<td><strong>Total Income</strong></td>
<td>25,044.24</td>
<td>38,034.75</td>
<td>20,916.45</td>
<td>37,873.01</td>
</tr>
<tr>
<td><strong>Gross Profit</strong></td>
<td>25,044.24</td>
<td>38,034.75</td>
<td>20,916.45</td>
<td>37,873.01</td>
</tr>
<tr>
<td><strong>Expense</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bank Service Charges</td>
<td>3,863.48</td>
<td>4,218.87</td>
<td>3,580.57</td>
<td>3,308.34</td>
</tr>
<tr>
<td>Board of Directors Meeting Exp.</td>
<td>815.98</td>
<td>82.13</td>
<td>145.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Chairman's Discretionary Fund</td>
<td>0.00</td>
<td>30.94</td>
<td>0.00</td>
<td>250.00</td>
</tr>
<tr>
<td>Dues Reimbursement</td>
<td>0.00</td>
<td>90.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>EAS Journal Print</td>
<td>4,762.20</td>
<td>6,397.44</td>
<td>5,021.06</td>
<td>4,762.68</td>
</tr>
<tr>
<td>Grants</td>
<td>13,000.00</td>
<td>13,000.00</td>
<td>14,400.00</td>
<td>5,000.00</td>
</tr>
<tr>
<td>Insurance</td>
<td>1,192.00</td>
<td>2,557.00</td>
<td>2,760.00</td>
<td>2,539.00</td>
</tr>
<tr>
<td>Interest Expense</td>
<td>0.00</td>
<td>289.52</td>
<td>0.00</td>
<td>175.00</td>
</tr>
<tr>
<td>Licenses and Permits</td>
<td>175.00</td>
<td>235.00</td>
<td>0.00</td>
<td>327.40</td>
</tr>
<tr>
<td>Master Beekeeper Prog. Expense</td>
<td>0.00</td>
<td>800.00</td>
<td>300.00</td>
<td>685.97</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>0.00</td>
<td>0.00</td>
<td>804.19</td>
<td>3,147.47</td>
</tr>
<tr>
<td>Office Supplies</td>
<td>0.00</td>
<td>1,126.69</td>
<td>526.38</td>
<td>1,479.34</td>
</tr>
<tr>
<td>Postage and Delivery</td>
<td>378.80</td>
<td>8.91</td>
<td>229.88</td>
<td>1,294.90</td>
</tr>
<tr>
<td>Professional Fees</td>
<td>10,302.53</td>
<td>19,934.32</td>
<td>13,709.89</td>
<td>12,308.43</td>
</tr>
<tr>
<td>Program Expense</td>
<td>0.00</td>
<td>1,554.25</td>
<td>0.00</td>
<td>400.00</td>
</tr>
<tr>
<td>QuickBooks Payments Fees</td>
<td>0.00</td>
<td>305.28</td>
<td>513.10</td>
<td>0.00</td>
</tr>
<tr>
<td>Reproduction/Copies</td>
<td>250.00</td>
<td>0.00</td>
<td>0.00</td>
<td>284.07</td>
</tr>
<tr>
<td>Repairs</td>
<td>0.00</td>
<td>0.00</td>
<td>64.79</td>
<td>549.02</td>
</tr>
<tr>
<td>Staff Perdiem</td>
<td>3,576.60</td>
<td>5,252.69</td>
<td>7,719.13</td>
<td>6,407.69</td>
</tr>
<tr>
<td>Telephone &amp; Internet Svc.</td>
<td>295.66</td>
<td>468.00</td>
<td>33.76</td>
<td>128.20</td>
</tr>
<tr>
<td>Web Site</td>
<td>99.00</td>
<td>1,434.00</td>
<td>1,764.00</td>
<td>940.00</td>
</tr>
<tr>
<td><strong>Total Expense</strong></td>
<td>38,711.25</td>
<td>57,785.04</td>
<td>51,571.75</td>
<td>43,987.51</td>
</tr>
<tr>
<td><strong>Net Ordinary Income</strong></td>
<td>-13,667.01</td>
<td>-19,750.29</td>
<td>-30,655.30</td>
<td>-6,114.50</td>
</tr>
</tbody>
</table>
### Other Income/Expense

#### Other Income

<table>
<thead>
<tr>
<th>Item</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference Accommodations</td>
<td>$28,235.00</td>
<td>$34,880.00</td>
<td>$16,309.03</td>
<td>$15,096.00</td>
</tr>
<tr>
<td>Conference Attendee Fees</td>
<td>$110,780.00</td>
<td>$114,270.00</td>
<td>$105,801.46</td>
<td>$62,061.00</td>
</tr>
<tr>
<td>Conference Auction</td>
<td>0.00</td>
<td>$10,854.47</td>
<td>4,621.04</td>
<td>7,510.25</td>
</tr>
<tr>
<td>Conference Sponsorships</td>
<td>$3,650.00</td>
<td>$12,550.00</td>
<td>475.00</td>
<td>150.00</td>
</tr>
<tr>
<td>Conference Vendor’s Fees</td>
<td>$12,200.00</td>
<td>$14,500.00</td>
<td>$10,375.00</td>
<td>$12,875.00</td>
</tr>
<tr>
<td>Honey Show Sponsorship</td>
<td>$5,800.00</td>
<td>$4,700.00</td>
<td>350.00</td>
<td>2,600.00</td>
</tr>
<tr>
<td>Raffle Tickets</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>145.00</td>
</tr>
<tr>
<td>Short Courses</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>313.00</td>
</tr>
<tr>
<td>Souvenirs</td>
<td>0.00</td>
<td>3,000.00</td>
<td>0.00</td>
<td>1,873.00</td>
</tr>
<tr>
<td><strong>Total Other Income</strong></td>
<td>$160,665.00</td>
<td>$194,754.47</td>
<td>$137,931.53</td>
<td>$102,623.25</td>
</tr>
</tbody>
</table>

#### Other Expense

<table>
<thead>
<tr>
<th>Item</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference Accommodations</td>
<td>$26,112.50</td>
<td>$57,730.00</td>
<td>$15,688.99</td>
<td>$10,080.00</td>
</tr>
<tr>
<td>Conference Auction</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>200.00</td>
</tr>
<tr>
<td>Awards</td>
<td>1,553.54</td>
<td>6,102.06</td>
<td>2,185.83</td>
<td>3,216.21</td>
</tr>
<tr>
<td>Bad Check Expense</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>2,048.25</td>
</tr>
<tr>
<td>Conference Meeting Room Exp.</td>
<td>$42,890.00</td>
<td>$17,580.00</td>
<td>$13,595.86</td>
<td>$15,000.00</td>
</tr>
<tr>
<td>Conference Promotional Expenses</td>
<td>0.00</td>
<td>2,684.92</td>
<td>1,267.23</td>
<td>0.00</td>
</tr>
<tr>
<td>Conference Registration</td>
<td>990.00</td>
<td>7,763.87</td>
<td>630.08</td>
<td>3,933.81</td>
</tr>
<tr>
<td>Entertainment Expense</td>
<td>0.00</td>
<td>0.00</td>
<td>27,118.62</td>
<td>14,960.00</td>
</tr>
<tr>
<td>Equipment Rental, Conf.</td>
<td>0.00</td>
<td>158.21</td>
<td>2,184.58</td>
<td>0.00</td>
</tr>
<tr>
<td>Exchange Gain/Loss</td>
<td>0.00</td>
<td>5,534.19</td>
<td>0.00</td>
<td>137.50</td>
</tr>
<tr>
<td>Conf. Meals Special Events</td>
<td>$42,605.65</td>
<td>$50,645.52</td>
<td>$29,334.46</td>
<td>$18,547.49</td>
</tr>
<tr>
<td>Printing</td>
<td>5,154.31</td>
<td>2,443.00</td>
<td>5,568.82</td>
<td>3,306.83</td>
</tr>
<tr>
<td>Raffle Ticket Winners</td>
<td>0.00</td>
<td>80.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Social</td>
<td>0.00</td>
<td>4,411.22</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Speakers</td>
<td>$1,446.78</td>
<td>$10,335.67</td>
<td>$16,028.68</td>
<td>$15,640.92</td>
</tr>
<tr>
<td>Volunteer Exp.</td>
<td>0.00</td>
<td>2,250.00</td>
<td>2,114.54</td>
<td>144.00</td>
</tr>
<tr>
<td><strong>Total Other Expense</strong></td>
<td>$120,752.78</td>
<td>$167,718.66</td>
<td>$115,717.69</td>
<td>$87,215.01</td>
</tr>
</tbody>
</table>

#### Net Other Income

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Other Income</strong></td>
<td>$39,912.22</td>
<td>$27,035.81</td>
<td>$22,213.84</td>
<td>$15,408.24</td>
</tr>
</tbody>
</table>

#### Net Income

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Income</strong></td>
<td>$26,245.21</td>
<td>$7,285.52</td>
<td>-$8,441.46</td>
<td>$9,293.74</td>
</tr>
</tbody>
</table>
### Eastern Apicultural Society of N. A.
#### Balance Sheet Previous Year Comparison

<table>
<thead>
<tr>
<th></th>
<th>Jan-July 25 2017</th>
<th>Dec 31, 16</th>
<th>Dec 31, 15</th>
<th>Dec 31, 14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Checking/Savings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Checking - TD Bank</td>
<td>147,197.67</td>
<td>66,347.53</td>
<td>51,021.28</td>
<td>70,973.43</td>
</tr>
<tr>
<td>EAS2015 Checking</td>
<td>0.00</td>
<td>0.00</td>
<td>22,740.37</td>
<td>70,973.43</td>
</tr>
<tr>
<td>EAS2016 Checking</td>
<td>0.00</td>
<td>0.00</td>
<td>4,622.00</td>
<td>0.00</td>
</tr>
<tr>
<td>EAS2017 Checking</td>
<td>10,000.00</td>
<td>4,682.55</td>
<td>17,653.63</td>
<td>19,206.16</td>
</tr>
<tr>
<td>Edward Jones Account</td>
<td>15,139.13</td>
<td>13,109.70</td>
<td>17,653.63</td>
<td>19,206.16</td>
</tr>
<tr>
<td>Petty Cash</td>
<td>0.00</td>
<td>0.00</td>
<td>225.00</td>
<td>250.00</td>
</tr>
<tr>
<td><strong>Total Checking/Savings</strong></td>
<td>172,336.80</td>
<td>84,139.78</td>
<td>96,262.28</td>
<td>90,429.59</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>3,876.00</td>
<td>600.00</td>
<td>56.00</td>
<td>1,577.00</td>
</tr>
<tr>
<td><strong>Total Accounts Receivable</strong></td>
<td>3,876.00</td>
<td>600.00</td>
<td>56.00</td>
<td>1,577.00</td>
</tr>
<tr>
<td>Other Current Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undeposited Funds</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>550.00</td>
</tr>
<tr>
<td><strong>Total Other Current Assets</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>550.00</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td>176,212.80</td>
<td>84,739.78</td>
<td>96,318.28</td>
<td>92,556.59</td>
</tr>
<tr>
<td>Other Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate of Deposits</td>
<td>39,653.82</td>
<td>34,795.53</td>
<td>20,032.55</td>
<td>25,048.27</td>
</tr>
<tr>
<td>EAS Endowment (DCF)</td>
<td>165,385.91</td>
<td>157,537.79</td>
<td>151,323.42</td>
<td>157,867.52</td>
</tr>
<tr>
<td>EAS Endowment (FAS136)</td>
<td>2,605.96</td>
<td>2,482.30</td>
<td>2,383.22</td>
<td>-</td>
</tr>
<tr>
<td>Honey Bee Research Foundation</td>
<td>119,031.93</td>
<td>113,383.48</td>
<td>108,910.05</td>
<td>111,858.28</td>
</tr>
<tr>
<td><strong>Total Other Assets</strong></td>
<td>326,677.62</td>
<td>308,199.10</td>
<td>282,649.24</td>
<td>294,774.07</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>502,890.42</td>
<td>392,938.88</td>
<td>378,967.52</td>
<td>387,330.66</td>
</tr>
<tr>
<td><strong>LIABILITIES &amp; EQUITY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Liabilities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Liabilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts Payable</td>
<td>77,598.15</td>
<td>2,060.25</td>
<td>78.32</td>
<td>-</td>
</tr>
<tr>
<td>Total Accounts Payable</td>
<td>77,598.15</td>
<td>2,060.25</td>
<td>78.32</td>
<td>0.00</td>
</tr>
<tr>
<td>Other Current Liabilities</td>
<td>3,300.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Other Current Liabilities</strong></td>
<td>3,300.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td>77,598.15</td>
<td>2,060.25</td>
<td>78.32</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>80,898.15</td>
<td>2,060.25</td>
<td>78.32</td>
<td>0.00</td>
</tr>
<tr>
<td>Fund</td>
<td>Retained Earnings</td>
<td>Temporarily Restricted</td>
<td>Translation Adjustment</td>
<td>Total Equity</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------</td>
<td>------------------------</td>
<td>------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Retained Earnings</td>
<td>7,285.52</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temporarily Restricted</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed Holcombe Distinguished Fund</td>
<td>14,000.00</td>
<td>14,000.00</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Anita Weiss Memorial Fund</td>
<td>997.00</td>
<td>997.00</td>
<td>1,197.00</td>
<td>1,397.00</td>
</tr>
<tr>
<td>Honeybee Research Fund</td>
<td>14,051.00</td>
<td>15,051.00</td>
<td>27,682.00</td>
<td>40,069.00</td>
</tr>
<tr>
<td>MB Youth Scholarship Fund</td>
<td>2,117.00</td>
<td>2,117.00</td>
<td>1,617.00</td>
<td>1,617.00</td>
</tr>
<tr>
<td>Temporary Restricted</td>
<td>5,868.43</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Temporarily Restricted</td>
<td>37,033.43</td>
<td>32,165.00</td>
<td>44,496.00</td>
<td>43,083.00</td>
</tr>
<tr>
<td>Unrestricted Net Assets</td>
<td>351,428.11</td>
<td>351,428.11</td>
<td>342,834.66</td>
<td>334,953.92</td>
</tr>
<tr>
<td>Translation Adjustment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Income</td>
<td>26,245.21</td>
<td>7,285.52</td>
<td>-8,441.46</td>
<td>9,293.74</td>
</tr>
<tr>
<td>Total Equity</td>
<td>421,992.27</td>
<td>390,878.63</td>
<td>378,889.20</td>
<td>387,330.66</td>
</tr>
<tr>
<td>TOTAL LIABILITIES &amp; EQUITY</td>
<td>502,890.42</td>
<td>392,938.88</td>
<td>378,967.52</td>
<td>387,330.66</td>
</tr>
</tbody>
</table>
July 24, 2017

Greetings to EAS board of directors,

The SCBA is excited to have Mr. Buddy May representing us on this board and to announce he will serve another four year term.

The SCBA wish to thank you in advance for your consideration for allowing the South Carolina Beekeepers Association to host EAS in 2019. We believe South Carolina is a great place and has a solid base of beekeepers willing to help.

South Carolina has 46 counties and we, SCBA, have 23 associations with a membership of 2300. SCBA hosted our bi-annual meeting with the North Carolina beekeepers in March of this year and we had 734 to attend. It was a great time with Mr. Dewey Caron attending this conference.

Again, thank you for considering South Carolina to host you, EAS, in 2019. We look forward to hearing from the EAS committee.

Sincerely,

Steve McNeely
President SCBA
**EAS Executive Committee**

**Chairman of the Board**
Erin MacGregor Forbes (2019)
188 Capisic Street
Portland, ME 04102
207-772-3380
chairman@easternapiculture.org

**Vice Chairman of the Board**
Dr. Linda A. Mizer
1279 Spring St. Ext.
Groton, NY 13073
607-227-4449
vicechairman@easternapiculture.org

**President (2017)**
Pam Fisher
PO Box 5206
Chesapeake VA 23324
president@easternapiculture.org

**Vice President (2018)**
Buddy May
100 Birnam Court
Greenville, SC 29615
864-297-1922
vicepresident@easternapiculture.org

**President Emeritus**
Robert Bauer
210 Effendi Drive
Middletown DE 19709
302-378-7972
302-824-9090 (cell)
presidentemeritus@easternapiculture.org

**Chairman Emeritus**
Jim Bobb
2011 Shearer Road
Lansdale, PA 19446
610-584-6778
chairmanemeritus@easternapiculture.org

**Secretary**
Carol Cottrill (2019)
60 Rolling Hill Drive
Naples ME 04055
(207) 693-9226
secretary@easternapiculture.org

---

**Treasurer**
Jacky B. Hildreth (2019)
3 Summit Terrace
North Yarmouth, ME 04097
treasurer@easternapiculture.org

**EAS Directors**

**Year indicates expiration of term as director**

**Alabama**
William Miller (2019)
2991 Eddins Road
Dothan, AL 36301
334-794-8362
director.al@easternapiculture.org

**Connecticut**
John C. Baker (2018)
52 Headquarters Road
Litchfield, CT 06759
860-567-8427
director.ct@easternapiculture.org

**Delaware**
Robert Bauer (2019)
210 Effendi Drive
Middletown DE 19709
302-378-7972
302-824-9090 (cell)
director.de@easternapiculture.org

**Florida**
David Mendes (2019)
11253 Rabin Gap Drive
N. Fort Myers, FL 33917
860-567-8427
director.fl@easternapiculture.org

**Georgia**
Linda Tillman (2021)
843 Kings CT NE
Atlanta, GA 30306
404-447-1943
director.ga@easternapiculture.org

**Indiana**
Debbie Seib (2018)
7784 N. Sanctuary Lane
Mooresville, IN 46158-6082
317-432-9578
director.in@easternapicultural.org

**Kentucky**
Tammy Horn Potter (2020)
956 Stonewall Road
Lexington, KY 40504
502-229-2950 (work)
859-220-2207
director.ky@easternapiculture.org

**Louisiana**
Randy Fair (2018)
611 Evans Loop
Mansfield, LA 71052
318-872-2282
director.la@easternapiculture.org

**Maine**
Peggy McLaughlin (2018)
62 Littlefield Road
Springvale, ME 04083
207-370-2215
director.me@easternapiculture.org

**Maryland**
Timothy McMahon (2018)
2717 Arvin Street
Wheaton, MD 20902
703-850-0948
240-850-0948 (cell)
director.md@easternapiculture.org

**Massachusetts**
Mary Duane (2020)
81 Blithewood Avenue
Worcester, MA 01604
508-335-0433
director.ma@easternapiculture.org

**Michigan**
Stephan Repaskey (2021)
3109 Pioneer Ave
Pittsburg PA 15226
724-413-7808
director.mb@easternapiculture.org
Michigan
Rich Wieske (2020)
248-585-5558
director.mi@easternapiculture.org

Mississippi
Vacant (2019)

New Hampshire
Dorinda Priebe (2020)
2 Kellie Lane
Raymond NH 03077
603-303-6065
director.nh@easternapiculture.org

New Jersey
Lou (Eloise) Naylor (2019)
633 East Main Street
Unit D1
Mooresstown, NJ 08057
856-234-1799
director.nj@easternapiculture.org

New York
Bob Talkiewicz (2018)
106 Arthur Ave
Endicott, NY 13760
607-427-2420
director.ny@easternapiculture.org

North Carolina
Doug Vinson (2020)
610 Thornburg Drive NE
Conover NC 28613
828-244-4321
director.nc@easternapiculture.org

Ohio
Vacant (2021)

Pennsylvania
Vincent Aloyo (2021)
736 Cathart Road
Blue Bell, PA 19422
484-557-4049
director.pa@easternapiculture.org

Rhode Island
Jane Dennison (2019)
325 Newman Avenue
Rumford, RI 02916
401-374-9105 (cell)
401-247-1644 (w)
director.ri@easternapiculture.org

South Carolina
Buddy May (2021)
100 Birnam Court
Greenville, SC 29615
864-297-1922
director.sc@easternapiculture.org

Tennessee
Michael Coulter (2020)
2835 Kensington Street
Athens TN 37303
770-883-6000
director.tn@easternapiculture.org

Vermont
Vacant (2018)

Virginia
Karla Eisen (2021)
6311 Catharpin Road
Gainesville VA 20155
703-314-8530
director.va@easternapiculture.org

West Virginia
Charles Walter (2020)
3466 Scrabble Road
Shepherdstown, WV 25443
647-988-5942
director.wv@easternapiculture.org

Wisconsin
Vacant (2020)

Additional EAS Contacts

Historian
Vacant

EAS Journal
Dr. Linda A. Mizer
1279 Spring St. Ext.
Groton, NY 13073
607-227-4449
journal@easternapiculture.org

Web Master
Dave Meldrum
287 S. Main Street
Andover, MA 01810
978-474-8700 (h)
webmaster@easternapiculture.org

MB Advisor
Deborah Delaney
919-995-2596
dadelane@udel.edu

Honey Show Committee Chair
George H. Wilson
703-314-2404
winevines@comcast.net

Canadian Maritime Provinces
Robyn McCallum (2018)

Ontario
Vacant (2021)

Quebec
Vacant (2021)