South Carolina Beekeepers Association Summer Conference 2015
presented by Bee Well Honey Farm

Featured Speakers presented by
Gardner Apiaries / Spell Bee Co., LLC

Hands On Workshops and Presentations
presented by Mann Lake Ltd

Building Your Foundation in Beekeeping

July 23-25, 2015

www.scstatebeekeepers.org
Dwight started keeping bees in 1954 at age 14 on a small dairy farm in Western Pennsylvania. He has been in and out of beekeeping twice over the years with a total of 40 years beekeeping experience. He has served as president of West Central Beekeepers Association (WCOBA), Life Member and a Director of Ohio State Beekeeping Association (OSBA), a member of both Indiana Beekeepers Associations and the Pennsylvania Beekeepers Association and is an OSBA Master Beekeeper Instructor and a founding member of the Heartland Honey Bee Breeders Cooperative (HHBBC). He is passionate about promoting Sustainable Beekeeping, mentoring and educating beekeepers. Dwight is presently working on several projects evaluating Purdue Honey Bee Stock and Introducing Locally Adapted Purdue stock within the Midwest through the Breeding program at Purdue University.

Phil served as the Kentucky State Apiarist from 1999 through 2011. He is a graduate of Oberlin College in Ohio (BA in biology), and of the University of Kentucky. Phil continues to communicate with beekeepers through his “Ask Phil” question/answer column which appears monthly in Bee Culture magazine, and through his webpage, Philcrafthivecraft.com. He is also the U.S. technical adviser for Veto-pharma, the maker of Apivar. A native of the mountains of Eastern Kentucky, he now lives out in the sticks in the Bluegrass region of Kentucky near Lexington with his family, a very old dog, and some bee hives. You may send questions to Phil at phil@philcrafthivecraft.com.

Conference Notes:
Conference Sponsor: Bee Well Honey Farm

Bee Well is known for their great service and flavorful raw honey. They sell honey bees, honey, beekeeping supplies, gifts, books, and natural products. Visit them at their store at 205 Hampton Ave. in Pickens, SC. Or visit their website at www.beewellhoneyfarm.com. Call ahead for fast service (864) 898-5122. Hours of operation are Monday thru Saturday 8am-6pm. Visit their booth in the David Peebles Room (Glass Room) at the conference.

Sign up for their online newsletter to get updates and news about boot camp class schedules.

Conference Information

Registration / Check In

Greetings from our Treasurer—Marie Arnal. Make sure you have all the items in your bag and envelope. You should receive a printed conference invoice. One Meal Ticket, One Door Prize Ticket, and Workshop Door Prize Tickets. You will also receive a SCBA Logo Monogrammed Registration Bag. In it you will find lots of goodies from SCBA and publications from the vendors. Please thank our executive board for these items, they think SC Beekeepers are worth it. Please also thank our vendors for their goodies too.

BBQ & Chicken Friday Night Dinner

Come Join us for a great time of beekeeper fellowship. Some will be pitching in the horseshoe tournament. Pick your partners and sign up when you get there. DOOR PRIZES will be given out too! We need you to be there to add to the fun. It all starts 4:45pm. Food is served at 5:30pm. The address is 7008 Hwy 187, Anderson, SC. Maps available in your registration packet.

Tickets are still available at Registration Desk for the BBQ & Chicken Dinner $7.50 adult & $6.00 child plate.

Please see page 4 for DORM information....
Gardner Apiaries is a well known company in the southeast with a quality product. They supply beekeepers all over with honey bee packages and Queens. They are located on 510 Patterson Road in Baxley, GA 31513. Visit their website for prices at http://gardnerapiaries.com. They have an efficient operation for a quality service and product. They know their business very well.

Conference Information

Dorm Rooms—Pick up dorm keys at the Conference Check in desk. Keep your dorm key card and dorm key with you at all times. This will cost you $50 to replace if you loose it. Pick up your linen package at the Lightsey Bridge Front Desk. If you have any questions or concerns about your room please call the LB front desk...That phone is 864-656-1150. At the end of the conference, turn in your key to the LB Front Desk along with your linen package (tuck everything in the pillow case). Your dorm room has a kitchen but no cooking tools or dishes.
Conference Information

Food On & Off Campus

Hendrix is providing a quick way to get a breakfast and a lunch. When you Check In, please see the SubWay representative to order & purchase your meal. Subway has breakfast & lunch sandwiches for $6.00 each. These reserved meals will be delivered to the 2nd floor. The Food Court will be open with other food available.

This is a college town with plenty of fast food and sit down restaurants. Take your pick.
# SCBA 2015 Summer Conference

**SCBA 2015 Summer Conference**  
*Presented by Bee Well Honey Farm*

**Master Beekeeper Program Presents Journeyman Review**  
**Thursday, July 23, 2015**  
**Location:** Grand Ballroom A & B

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:00-1:15</td>
<td>Introduction and welcome - Mell Wallace</td>
</tr>
<tr>
<td>1:15-1:45</td>
<td>Pollination &amp; Parts of a Flower - Cynthia Robinson</td>
</tr>
<tr>
<td>1:45-2:15</td>
<td>Anatomy &amp; Physiology - David MacFawn</td>
</tr>
<tr>
<td>2:15-2:45</td>
<td>Honey Bees and their Relative - Staci Siler</td>
</tr>
<tr>
<td>2:45-3:00</td>
<td>Break</td>
</tr>
<tr>
<td>3:00-3:30</td>
<td>Diseases &amp; Pests - Mell Wallace</td>
</tr>
<tr>
<td>3:30-4:00</td>
<td>Pesticides and Honey Bees - Kevin Nicholson</td>
</tr>
<tr>
<td>4:00-4:30</td>
<td>Queen Rearing - Ed Coleman</td>
</tr>
<tr>
<td>4:30-4:45</td>
<td>Break</td>
</tr>
<tr>
<td>4:45-5:15</td>
<td>Panel Q&amp;A - All Facilitators</td>
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</tbody>
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**Friday, July 24, 2015**  
**Location:** Grand Ballroom

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:05</td>
<td>Opening Prayer &amp; Welcome</td>
<td>Dr. Tsuruda, Steve McNeely, Larry Haigh</td>
</tr>
<tr>
<td>8:05-8:45</td>
<td>SCBA Presidential Address &amp; Business Meeting</td>
<td>Larry Haigh</td>
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<td></td>
<td>Presidential Address</td>
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<td></td>
<td>By Law Vote</td>
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<tr>
<td></td>
<td>Election of Officers</td>
<td></td>
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<tr>
<td></td>
<td>Officer’s Reports-Secretary, Treasurer, President Elect, &amp; Vice President</td>
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<tr>
<td></td>
<td>Master Beekeeper Program Certificates</td>
<td></td>
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<tr>
<td></td>
<td>Presentation of Beekeeper of the Year, &amp; Jr Beekeeper &amp; Ext Agent</td>
<td></td>
</tr>
<tr>
<td>8:45-8:55</td>
<td>Clemson University's Commitment to SC’s bees</td>
<td>Dr. Tom Dobbins</td>
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</tbody>
</table>

**Gardner Apiaries / Spell Bee Co. LLC Featured Speaker:**  
**8:55-9:45** Update from the National Beekeeping Scene  
*Phil Craft*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45-10:05</td>
<td>DOOR PRIZES / BREAK - Visit Vendors</td>
<td></td>
</tr>
<tr>
<td>10:05-10:30</td>
<td>Farm Bureau/Farm Service Agency</td>
<td>Larry McKenzie/Riley Odum</td>
</tr>
<tr>
<td>10:30-10:40</td>
<td>BREAK (After break you will go to your first workshop)</td>
<td></td>
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</tbody>
</table>
Hands On Workshops  & Presentations

<table>
<thead>
<tr>
<th>Time</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:40-11:50</td>
<td></td>
</tr>
<tr>
<td>Bayer’s Commitment to Bee Health</td>
<td>David Fischer</td>
</tr>
<tr>
<td>National &amp; State Updates:</td>
<td></td>
</tr>
<tr>
<td>Clemson Univ. –Dr. Tsuruda, EAS -Buddy May, ABF &amp; Apimondia -Virginia Webb, Queen rearing-Mark Sweatman, State Fair-Cathy Kittle</td>
<td></td>
</tr>
<tr>
<td>I don’t have bees YET, would like to start keeping bees. What do I need to know? Where can I go to learn more?</td>
<td>Jennifer Priddy (Kelley Bees)</td>
</tr>
<tr>
<td>Ask &quot;Dr. Phil&quot;</td>
<td>Phil Craft</td>
</tr>
<tr>
<td>State of Mite Resistant Bees/VSH</td>
<td>Adam Finkelstein (VP Queen Bees)</td>
</tr>
<tr>
<td>Pollinator Gardens</td>
<td>Millie Davenport</td>
</tr>
<tr>
<td>Beginning inspection-Begin Protective Gear Only</td>
<td>Clemson inspectors</td>
</tr>
</tbody>
</table>

11:50—1:30 Lunch Break
Pick up Subway Pre-Orders at the Check In Area. The Hendrix Canteen area will be open.

<table>
<thead>
<tr>
<th>Time</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30—2:40</td>
<td></td>
</tr>
<tr>
<td>Biology of the Individual</td>
<td>Cindy Hodges</td>
</tr>
<tr>
<td>Pesticides, Pollinators &amp; People</td>
<td>Dr. Jennifer Tsuruda</td>
</tr>
<tr>
<td>Equipment 101 -</td>
<td>Frank Licata (Mann Lake LTD)</td>
</tr>
<tr>
<td>What do you NEED? What do you WANT? What’s New?</td>
<td>Dwight Wells</td>
</tr>
<tr>
<td>Creating Nucs</td>
<td>Mark Sweatman</td>
</tr>
<tr>
<td>Native Bees</td>
<td>Dr. Merle Shepard</td>
</tr>
<tr>
<td>Intermediate Inspection (disease, Behavior)</td>
<td>Clemson Inspectors</td>
</tr>
<tr>
<td>Certified, Journeyman &amp; Master written Exams</td>
<td>Walt Perrin</td>
</tr>
<tr>
<td>Journeyman Practical Exam</td>
<td>Mell Wallace</td>
</tr>
</tbody>
</table>

Door Prize Drawings in the Hands On Workshops and Presentations

In your registration packet you will receive several Door Prize Entry Slips. These Door Prize Drawings will be offered in the classes that have the Hexagon cell in the description. Write your name on each one. When you enter the room, place the slip in the designated container. The presenter or the monitor conduct the drawing.
Friday Conference Schedule Continued....

<table>
<thead>
<tr>
<th>Hands On Workshops &amp; Presentations</th>
<th>3:00-4:10</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clemson Regulatory Update</td>
<td>Clemson Regulatory Services</td>
<td>Ball Room A</td>
</tr>
<tr>
<td>The Benefits of Joining Your Local Club and State Association</td>
<td>Larry Haigh</td>
<td>Ball Room B</td>
</tr>
<tr>
<td>Holistic Beekeeping</td>
<td>Shane Gebauer (Brushy Mountain)</td>
<td>David Peebles Room</td>
</tr>
<tr>
<td>Nuc Management</td>
<td>Dwight Wells</td>
<td>McKissick Theatre</td>
</tr>
<tr>
<td>Nutrition and Supplements</td>
<td>Phil Craft</td>
<td>Meeting Room A</td>
</tr>
<tr>
<td>Nest Boxes for Native Bees</td>
<td>Dr. Jennifer Tsuruda, Mille Davenport &amp; Dr. Merle Shepard</td>
<td>Meeting Room B</td>
</tr>
</tbody>
</table>

Thank You for coming to the first day of the Summer Conference with the Hands On Workshops. You are free to leave for the BBQ & Chicken Dinner. Be sure to bring your Meal Ticket. Grab your Horseshoe Partner and a few other things like a few of your favorite beekeeping tools. There will be a prize given out for best original tool.

**Door Prizes will be given out at the dinner**

**Saturday, July 25, 2015**  
**Location: Grand Ballroom**

8:00-8:05  Welcome  
Dr. Tsuruda, Steve McNeely, Larry Haigh

8:05-8:20  Results of the honey competition  
Steve Genta

**Gardner Apiaries / Spell Bee Co. LLC Featured Speaker:**

8:20-9:10  Honey Bee Queen Management  
Dwight Wells

9:10-9:15  **DOOR PRIZES / BREAK**—Visit Vendors

<table>
<thead>
<tr>
<th>Hands On Workshops &amp; Presentations</th>
<th>9:15-10:25</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managing Hives for Honey Production</td>
<td>David Arnal</td>
<td>Ball Room A</td>
</tr>
<tr>
<td>Queen Castles</td>
<td>Bryan Fisher</td>
<td>Ball Room B</td>
</tr>
<tr>
<td>Pests/Parasites/Treatments</td>
<td>Frank Licata (Mann Lake Ltd)</td>
<td>David Peebles Room</td>
</tr>
<tr>
<td>Preparing Honey &amp; Wax for Competitions</td>
<td>Virginia Webb</td>
<td>McKissick Theatre</td>
</tr>
<tr>
<td>First Year of Beekeeping</td>
<td>Phil Craft</td>
<td>Meeting Room A</td>
</tr>
<tr>
<td>Varroa IPM</td>
<td>Cindy Hodges</td>
<td>Meeting Room B</td>
</tr>
<tr>
<td>Junior Beekeeping</td>
<td>Dr. Tsuruda &amp; others</td>
<td>Apiary</td>
</tr>
<tr>
<td>Special Session for Jr Beekeepers</td>
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</tbody>
</table>

*Bring Protective Gear Only*
<table>
<thead>
<tr>
<th>Hands On Workshops &amp; Presentations</th>
<th>10:25-11:35</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moving Bees</td>
<td>Kerry Owen (Bee Well Honey Farm)</td>
<td>Ball Room A</td>
</tr>
<tr>
<td>Preparing for the Fall</td>
<td>Danny Cannon</td>
<td>Ball Room B</td>
</tr>
<tr>
<td>Administrative Duties in Associations &amp; Treasurer Duties</td>
<td>Marie Arnal &amp; Cynthia Robinson</td>
<td>David Peebles Room</td>
</tr>
<tr>
<td>Making Mead</td>
<td>David Arnal</td>
<td>McKissick Theatre</td>
</tr>
<tr>
<td>My Bees Survived the 1st year. Now what? 2nd year of Beekeeping</td>
<td>Phil Craft</td>
<td>Meeting Room A</td>
</tr>
<tr>
<td>Starting and Maintaining a Junior Beekeeping Program</td>
<td>Cindy Hodges</td>
<td>Meeting Room B</td>
</tr>
<tr>
<td>Special Session for Jr Beekeepers</td>
<td>Dr. Tsuruda &amp; Others</td>
<td>Apiary</td>
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</tbody>
</table>

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<thead>
<tr>
<th>Hands On Workshops &amp; Presentations</th>
<th>11:35-12:45</th>
<th>Room # / Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Hive Beetle Management</td>
<td>Dr. Mike Hood</td>
<td>Ball Room A</td>
</tr>
<tr>
<td>Russian Honey Bees</td>
<td>Tim Cornwell</td>
<td>Ball Room B</td>
</tr>
<tr>
<td>Kerry Owen (Bee Well Honey Farm)</td>
<td>David Peebles Room</td>
<td>David Peebles Room</td>
</tr>
<tr>
<td>Value Added Hive Products</td>
<td>TBA</td>
<td>McKissick Theatre</td>
</tr>
<tr>
<td>Cooking with Honey and Bugs</td>
<td>Dr. J Tsuruda</td>
<td>Meeting Room A</td>
</tr>
<tr>
<td>From Mentee to Mentor—tips to become an effective teacher</td>
<td>Glenn Tyler</td>
<td>Meeting Room B</td>
</tr>
<tr>
<td>Inspections / Disease</td>
<td>Clemson Inspectors</td>
<td>Apiary</td>
</tr>
</tbody>
</table>

Thank you for attending the 2015 Summer Beekeeping Conference. Please drive safely home.

In your SCBA Registration Bag You will find a survey to complete about your complete experience. We want to know what you liked, what did not work for you, were the changes we made effective, etc. This form is available online. Go to www.scstatebeekeepers.org/ConferenceSurvey
2015 Conference Vendors:

**Bee Well Honey Farm**  
Kerry Owen  
www.beehoneyfarm.com

**Mann Lake Ltd**  
Patrick Montague  
PatM@MannLakeltd.com

**Gardner Apiaries / Spell Bee Co.**  
Michael Gardner  
912-367-9352

**OxaVap**  
Larry Welle  
sl2117@hotmail.com

**Johnson Farm and Garden**  
Allen Johnson  
johnson_9555@msn.com

**Dadant & Sons**  
Patrick Ferrer  
pferrer@dadant.com

**Rossman Apiaries**  
Fred Rossman  
rossmanbees@windstream.net

**Kelley Beekeeping**  
Jennifer Priddy  
Jennifer@Kelleybees.com

**Brushy Mountain Bee Farm**  
Candy Treadaway  
candy@brushymountainbeefarm.com

**Beetle Jail**  
Dave Miller  
beetlejail@gmail.com

**Cedar Creek Apiary**  
Comb Capper  
Trepp@CombCapper.com

**Mnt Honey**  
Virginia Web  
VA_Webb@yahoo.com

**SouthEast Bee Supply**  
John Sullivan  
JohnSullivan@triad.rr.com

**NOD Apiary**  
Wendy Mathers  
wendy@nodglobal.com

**BC BeeBooks**  
Bob Cole  
bobcole@skybest.com

**Busy Bee Designs**  
Marcia McDonald  
mcgator53@gmail.com

**The HaselMaier Company**  
BeetleBaffle.com  
Service@BeetleBaffle.com

**Beetle Baffle**

**Charleston Community Bee Garden**  
Jim Strohm  
JimPam4950@aol.com

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**Visit The Vendors**

Shop, Touch, Feel it...Buy it. Our Vendors are here to help you with your purchases. They have an interest in keeping happy and coming back. So ask them what is on special. Ask them how things work. Visit our Artisans booths too, they have been working hard to prepare their wares just for you.

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**Conference Notes:**

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<thead>
<tr>
<th>Conference Notes:</th>
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Johnsons’ Farm & Garden
4814 West St.   Williston, SC
803-266-7333
Beekeeping Equipment & Supplies
Including feeds and treatments

Take Notes (Don’t try to remember it all)

Thank You Corporate Sponsors

Follow Our Corporate Sponsors & Major Sponsors on Facebook & Twitter.
They committed $300 & $3000 each to help make this conference successful. Please go by their booths to see what they have for you.
Dr. David Fischer

Dr. David L Fischer is Director of the Pollinator Safety Group within Bayer CropScience’s Development North America organization, and Manager of the Bayer Bee Care Center located in Research Triangle Park, North Carolina. Dr. Fischer holds a B.S. degree in Zoology from the University of Massachusetts, a M.S. degree in Zoology from Western Illinois University, and a Ph.D. in Zoology from Brigham Young University. He has been working in the field of ecotoxicology and risk assessment since 1986, the last 27 years with Bayer CropScience and legacy companies. Dr. Fischer’s expertise is in the area of terrestrial ecotoxicology and risk assessment. He has supervised the conduct of hundreds of laboratory and field toxicology studies of crop protection chemicals and animal pharmaceuticals, authored dozens of chemical risk assessments, and published more than 20 peer-reviewed scientific papers. Dr. Fischer’s co-chaired the 2011 International “Pellston” Workshop on Pesticide Risk Assessment for Pollinators convened by the Society for Environmental Toxicology and Chemistry that spawned an overhaul of the regulatory evaluation process in both North America and Europe.

David Fisher—Update From the National Beekeeping Scene—Friday @ 8:55 in Ballroom A

This keynote address will go over beekeeping issues and success stories from across the United States. Phil will cover where we’ve come from, where we are now, and where things might be headed.

Jennifer Priddy

Jennifer has been working at Walter T. Kelley/Kelley Bees for over 15 years and has been a regular vendor at beekeeping meetings. She is a vital part of Kelley Bees and organizes their annual field day. When she’s not working shows and the shop, Jennifer and her family keep bees at their farm in KY.

Jennifer Priddy—I Don’t Have Bees Yet—Friday @ 10:40 David Peebles

We will cover the basics of what you need to get started with bees - equipment, protective gear, and bees! This is intended for people who haven't started their beekeeping adventures yet or who have only just begun and are looking for tips.

Dr. Mike Hood

Wm. Michael Hood, Emeritus Professor Entomology, Clemson University

Dr. Hood is authority on Small Hive Beetles.

Dr. Mike Hood—Small Hive Beetle Management—Saturday @11:35 Ballroom A

This session will cover those conditions that favor small hive beetles and cover actions that a beekeeper can take to minimize the detrimental effects of this pest. We will cover the options that are available to control small hive beetles. Toward the end of this session, I will address any questions that you may have on this pest. You are encouraged to share with the class any control techniques that you have used to successfully control small hive beetles. Feel free to bring along any show and tell items related to small hive beetle control.

Glenn Tyler

Glenn is our Master Beekeeping of the Year for 2014. Owner/Manager of Southern Crest Apiaries.

Glenn Tyler—Mentee to Mentor—Saturday @ 11:35 Meeting Room B

We will discuss the importance of being a mentor, the traits that lead of successful and effective mentors, and the reasons it takes more than knowledge about bees to be a good mentor.
Jennifer Tsuruda

Dr. Jennifer has been the State Apiculturist for SC since 2014. Her studies in honey bees began in California, where she worked on foraging behavior and genetics. She worked as a postdoctoral researcher at Purdue University and studied behavioral resistance to Varroa mites and genomic imprinting. Jennifer maintains Clemson's hives for Extension and Research work and serves the professional community as president of the American Association of Professional Apiculturists, former chair of the STEP committee of the Entomological Society of America, and vice chair of the Heartland Apicultural Society.

Dr. Jennifer Tsuruda—Clemson Updates—Friday @ 10:40 Ballroom B

This session will provide updates from several groups associated with the SC beekeeping scene and will have important upcoming dates to remember.

Dr. Jennifer Tsuruda—Pesticides, Pollinators, & People—Friday @ 1:30 in Ballroom B

This lecture will overview the complicated and complex interactions between pesticides, pests, and people in the real world. A summary of old chemistries compared to new, as well as what you can do to protect your bees will be covered.

Dr. Jennifer Tsuruda—Nest Boxes for Native Bees—Friday @ 3:00 Meeting Room B

This workshop will go over design features for making nesting boxes to attract and promote native bees in your yard. Limited supplies will be on hand to make some samples.

Dr. Jennifer Tsuruda—Cooking With Honey and Bugs—Saturday @ 11:35 Meeting Room A

This interactive workshop will share some recipes and ideas for incorporating honey and insects into inspiring menus!

Dr. Jennifer Tsuruda—Special Session for Junior Beekeepers—Saturday @ 9:15 Apiary

This hands-on session in the hive will allow our young beekeepers a chance to get into the hive and learn about bees without all of those pesky adults getting in the way! ;) (Adults may attend but are asked to stay in the background)

Frank Licata (Mann Lake Ltd)

Mann Lake Ltd was founded in 1983 by Jack and Betty Thomas, and is an ESOP (Employee Stock Ownership Plan) company and 100% employee owned. That's why we do our best to exceed your expectations for quality service. Frank is the Operations Manager at Wilkes-Barre, PA facility and is an EAS Master Beekeeper.

Frank Licata—Pest / Parasites Treatments (Mann Lake) - Saturday @ 9:15 David Peebles Room

There are several different types of treatments for hive pests and parasites - how do you choose which one to use and how do you actually use it? We will go over these questions and will have products on hand to show you exactly how to use them in your hive.

Frank Licata—Equipment 101—Friday @ 1:30 David Peebles Room

We will cover the basic equipment you need to get started, plus the fun equipment you may want to consider, as well as the newest stuff on the market. The pro’s and con’s of different types of materials and equipment will be discussed and items will be on hand to see in action.

Buddy May

Buddy is a Master Beekeeper and has been keeping bees for over 12 years. His farm produces honey, pollen, blueberries, garlic, and more! He is active in promoting bee education and is a regular at the Greenville Saturday Market.

Buddy May—Eastern Apicultural Society Updates—Friday @ 10:40 Ballroom B
Shane Gebauer

Shane Gebauer became a beekeeper about 11 years ago with one hive in his backyard. Within a year of having his first hive, he left his job as an Ecologist with The Nature Conservancy to manage a commercial outfit which sold bee supplies and ran 300 colonies. After about 4 years, an opportunity presented itself to become the General Manager of Brushy Mountain Bee Farm in North Carolina, a manufacturer and international supplier of bee-keeping supplies, where he now President and partner in the business. He continues to keep bees in his backyard and be entranced by the wonders of bees and the complexity of their colonies.

Shane Gebauer—Holistic Beekeeping—Friday @ 3:00 David Peebles Room

A holistic view of what it means to have a healthy hive. We will be focusing on the major factors affecting the health of the colony and how to deal mitigate those factors.

Bryan Fisher

Bryan is a NC Master Beekeeper and 4th generation beekeeper. Interested in queen rearing, he manages around 100 colonies and 60 mating nucs. He is active in the local beekeeping communities and has served as president of the Cabarrus County Beekeepers. He enjoys giving presentations to beekeepers and teaching the public about bees and beekeeping.

Bryan Fisher—Queen Castles—Saturday @ 9:15 Ballroom B

During this session we will go over reasons for rearing queens and requeening, as well as how any beekeeper can use queen castles to make queens.

Kerry Owen

Kerry Owen and family are the founders and operators of Bee Well Honey farm & Supply Inc. Located in Pickens South Carolina. He began his beekeeping as a career in 2000 and now has the largest Beekeeping Supply and honey packaging company in South Carolina. Bee Well Honey offers beginner and advanced beekeeping boot camps and focuses on retail and wholesale of beekeeping supplies, bee packages, queens. Bee Well also has a complete line of cosmetics made with honey and beeswax and Bee Well Honey can be found in over 400 stores in the Southeast.

Kerry Owen—Moving Bees—Saturday @ 10:25 Ballroom A

Focus is on various ways of moving bees and the proper methods for establishing good bee yards.

Kerry Owen—Extracting Honey—Saturday @ 11:35 David Peebles Room

This workshop will be a basic overview of how bees make honey and how beekeepers extract and bottle honey. We will discuss different methods and equipment, as well as tools for making this activity less messy!

Riley Odum

The Farm Service Agency is part of the USDA and serves stakeholders in protecting its commodity groups. They have several programs and services in regards to the Farm Bill, conservation, and disaster assistance.

Riley Odum—Farm Service Agency—Friday @ 10:05 Ballroom A

Please let our speakers know that you have appreciate them. If you want to see them again let us know. Stay in touch with them to catch their next speaking engagement.
Virginia Webb
Virginia is a full-time commercial beekeeper and queen producer in GA. For over 40 years, she and her husband, Carl, have been working to promote the importance of honey bees in agriculture to beekeepers. They have won 3 gold medals at the World Honey Show! Virginia is a third generation beekeeper, master beekeeper, and active member of several beekeeping associations.

Virginia Webb—Apimondia & ABF Update—Friday @ 10:40 Ballroom B
Virginia Webb—Preparing Honey and Wax for Competitions—Saturday @ 9:15 McKissick Theatre

We all want those ribbons - this presentation will provide the necessary information and tips for award-winning honey and wax! We will go over how to prepare your best entries and what the judges will be looking for.

Larry McKenzie
Assistant to the president/director of the SC Farm Bureau. Worked for the Cooperative Extension Service as a County Agent in Sumter County for three (3) years. Main responsibilities were in livestock, dairy, integrated pest management and 4-H. Began work for the South Carolina Farm Bureau in April of 1982. Worked with the SCFB Commodity Department with the responsibilities of livestock, forestry, land use and environmental issues.

Larry McKenzie—Farm Bureau—Friday @ 10:05 Ballroom A

Dr. Merle Shepard
Merle Shepard holds masters and Ph.D. degrees in entomology and taught graduate courses in Insect Ecology and Insect Pest Management at Clemson University for 14 years. He directed the graduate degree programs of 30 students. He lived in S. E. Asia for 8 years, as Head of the Entomology Department of the International Rice Research Institute in the Philippines and as team leader for a project on integrated pest management in Indonesia. He received the Award of Excellence in Integrated Pest Management (IPM) from the Entomological Society of America and numerous other awards. He has authored and/or coauthored over 150 refereed publications and has published 5 books and numerous book chapters. His research interests are centered on biological control of insects, integrated pest management (IPM) and pollinating insects. His interest in macrophotography is reflected in many of the images in his books that include Arthropod Pests of Horticultural Crops in Tropical Asia, Common Insects and Spiders of the South Carolina Lowcountry and Garden Insects of South Carolina.

Dr. Merle Shepard—Native Bees—Friday @ 1:30 Meeting Room B

The presentation will focus results from surveys carried out on native pollinating species in South Carolina. Photographic documentation of the different species will provide insights into the diversity of bees and other pollinators.

Dr. Merle Shepard—Nest Boxes for Native Bees—Friday @ 3:00 Meeting Room B

This workshop will go over design features for making nesting boxes to attract and promote native bees in your yard. Limited supplies will be on hand to make some samples.

Marie Arnal and Cynthia are invaluable members of the SC beekeeping community, as they both serve the SCBA - Marie is the treasurer and Cynthia is the secretary. They are also active beekeepers and enjoy spreading their knowledge and excitement about bees and beekeeping.

Marie & Cynthia—Administrative Duties & Treasure—Helpful Hints for Success—Saturday @ 10:25 David Peebles Room

Do you want to serve your local beekeeping club but don't feel like you have the skills or knowledge or time? We will discuss what is needed, resources for help, and tips to save time and energy when you are serving as treasurers and secretaries for your beekeeping associations. We are here to help!
Cindy Hodges

Cindy Hodges is a Master Beekeeper, Senior Welsh Honey Judge, and President of Metro Atlanta Beekeepers Association. She and her husband maintain about 50 colonies from downtown Atlanta to the mountains of north Georgia. She is a graduate of Emory University, the 2012 Georgia Beekeeper of the Year, and a regular instructor at the Young Harris Beekeeping School in GA. She feels strongly that the future of beekeeping is in the hands of children. She has been instrumental in starting a Junior Beekeeping program in their club.

**Cindy Hodges—Varroa IPM—Saturday @ 9:15 Meeting Room B**

This presentation will go over the ways to monitor mite levels, diagnose major mite problems, and will summarize methods for dealing with mites using an Integrated Pest Management (IPM) approach.

**Cindy Hodges—Starting a Junior Beekeeping Program—Saturday @ 10:25 Meeting Room B**

How do we get new, young people interested in bees? We will talk about how to promote and foster interest in bees and beekeeping and ways to get kids involved in beekeeping without having to buy their own bees.

**Cindy Hodges—Biology of the Individual—Friday @ 1:30 Ballroom A**

The unique caste system of honey bees has specific roles for individuals - some that are set for life and some that change throughout the individual’s lifetime. We will go over what these roles are and why they are important for you, the beekeeper, to know.

Tim Cornwell

Tim is a beekeeper whose operation has grown over the years. He has a lot of experience with different types of bees but has first hand knowledge of Russian bees and now runs his operation with them.

**Tim Cornwell—Russian Bees—Saturday @ 11:35 Ballroom B**

We will discuss personal experiences using Russian bees versus other types of bees and differences in management. From hobbyist to large scale operations, we will talk about the pro's and con's of these bees (known for resistance to mites).

Danny Cannon

Danny is the vice president of the Mid-State Beekeepers and runs Bee Trail Farm with his wife, Shelley. They sell honey and bee products and offer classes and workshops at their farm. Danny keeps hundreds of colonies and is active in the beekeeping community and serves on the SCBA’s queen rearing team.

**Danny Cannon—Preparing for the Fall—Saturday @ 10:35 Ballroom B**

This workshop will be a basic overview of how bees make honey and how beekeepers extract and bottle honey. We will discuss different methods and equipment, as well as tools for making this activity less messy!

**Dr. Tom Dobbins—Clemson University’s commitment to SC’s bees—Friday @ 8:45 Ballroom A**

Dr. Dobbins is the Director of Extension at Clemson University. He earned a Ph.D. from Virginia Tech, a master’s degree in dairy science and a bachelor’s degree in agricultural education from Clemson. Before becoming Extension Director, he served as professor and chairman of the agriculture division in Clemson’s School of Agricultural, Forest and Environmental Sciences, where he continues to teach courses in curriculum development and teaching methods. His Extension career includes positions as a county agent, area agent and Extension associate and has served as president of the Extension Senate. He currently serves as chairman of the Anderson County District 4 School board of trustees and is the editor of the Journal of Career and Technical Education. Dr. Dobbins is a member of the American Association for Agricultural Education; the National Association of Agricultural Education; and four honor societies for education professionals: Kappa Delta Pi, Phi Delta Kappa, Alpha Tau Alpha and Omicron Tau Theta.
Millie Davenport

Millie is the Regional Lead Agent for Anderson, Pickens and Oconee counties where she works as a Horticulture Extension Agent and Master Gardener Coordinator. Her responsibilities include managing the Home and Garden Information Center, where she has written many factsheets and voiced countless educational videos. She is co-creator of the Sustainable Small Farms and Backyard Program, is a panelist on SCETV’s Making It Grow! as well the curator of the SC Crop Improvement Heirloom Seed Collection. Millie writes a gardening column for Carolina Gardener Magazine. Millie earned a B.S. degree in Horticulture from Clemson University and a M.S. degree in Ornamental Horticulture from the University of Tennessee. She spent eight years as a Product Manager at Park Seed Wholesale prior to joining Clemson as an Extension Agent in 2006.

Millie Davenport—Pollinator Gardens—Friday @ 10:40 Meeting Room B

We will cover the basics of preparing a plot for planting, plant selection for different types of pollinators, garden designs, and pest control.

Millie Davenport—Nest Boxes—Friday @ 3:00 Meeting Room B

This workshop will go over design features for making nesting boxes to attract and promote native bees in your yard. Limited supplies will be on hand to make some samples.

David Arnal

David started beekeeping in 1988 and runs Hilton Head Honey. He is the president of the Beaufort/Jasper Beekeepers Association and works to emphasize the natural and healthy benefits of honey and bees.

David Arnal—Managing Hive for Honey Production—Saturday @ 9:15 Ballroom A

We will discuss how to manage and maintain your hives for maximum honey production while still keeping your bees happy and healthy.

David Arnal & David Tripka—Making Mead—Saturday @ 10:25 McKissick Theatre

Using three (3) different varieties of raw honey from South Carolina, a mead (a.k.a. honey wine) was produced from each variety of honey. This workshop will describe the process used for selecting each honey and assessing regional flavor differences in South Carolina honey. Likewise the processes and equipment used to produce mead from each of these varietal honeys will be discussed and demonstrated. Honey evaluation will be made using the new University of California, Davis Honey Flavor and Aroma Wheel (see October 2014 American Bee Journal article) to ascertain the flavor differences in not only Grade A Honey, but also in Bakers Grade/crystalized Grade B Honey (eg. Tallow, Goldenrod). Finally the meads produced using the varietal honeys will be tasted alongside each varietal honey to demonstrate the viability of using South Carolina honey in Mead production.

Larry Haigh

Larry is the president of the SCBA and training coordinator for the Charleston Beekeepers Association. He works hard promoting bees and bringing the SC beekeeping community together.

Larry Haigh—The Benefits of Joining Your Local and State Association—Friday @ 3:00 Ballroom B

If you are attending this meeting, you already see some of the benefits of the SCBA. Come to this presentation and we will go over some of the other benefits of being part of the state association and your local association. What can we do for you? Let us explain what we offer and how your membership keeps the SC beekeeping community buzzing!
Phil Craft—Featured Speaker
(See Bio on page 2)

Phil Craft—Update from the National Beekeeping Scene—Friday @ 8:55 Ballroom A
This keynote address will go over beekeeping issues and success stories from across the United States. Phil will cover where we've come from, where we are now, and where things might be headed.

Phil Craft—Ask “Dr. Phil” - Friday @ 10:40 McKissick Theatre
Open Q&A session with a beekeeping master!

Phil Craft—Nutrition and Supplements—Friday @ 3:00 Meeting Room A
This session will cover the basics of what honey bees eat and need for adequate nutrition. We will talk about natural forage as well as supplemental feeding.

Phil Craft—My bees survived year 1, now what? - Saturday @ 10:25 Meeting Room A
Ok, you've succeeded in your first year - what should your goals be for the second year? We will talk about extracting honey and moving beyond the basics of just keeping bees alive, but rather, letting bees thrive!

Phil Craft—1st Year Beekeeping—Saturday @ 9:15 Meeting Room A
Ok, you've succeeded in your first year - what should your goals be for the second year? We will talk about extracting honey and moving beyond the basics of just keeping bees alive, but rather, letting bees thrive!

Dwight Wells—Featured Speaker
(See Bio on page 2)

Dwight Wells—Honey Bee Queen Management—Saturday @ 8:20 Ballroom A
This keynote presentation will go over the role of the queen and the important things beekeepers need to keep in mind and do for healthy queens and healthy hives.

Dwight Wells—Creating Nucs—Friday @ 1:30 McKissick Theatre
This session will go over the reasons for making splits and creating nucs, as well as methods for doing so.

Dwight Wells—Nuc Management—Friday @ 3:00 McKissick Theatre
Now that you've made your nuc, what do you do? This session will go over how to manage your nuc, whether you are using it for mating queens or just trying to grow a split.

Take Notes (Don’t try to remember it all)
Adam Finkelstein
Together with Kelly Rausch, Adam runs VP Queen Bees in 2008. Through an agreement with the USDA, they use VSH and Pol-line breeding stock to propagate and breed stocks that express resistance to Varroa mites. They moved to SC from Maryland in the spring of 2015 and have settled in and are already producing queens!

Adam Finkelstein (VP Queen Bees)—Varroa Sensitive Hygiene (VSH) in 2015
This session will provide an overview of VSH - what it is, why it is an important traits, it's implementation into breeding programs, and how it is being used in beekeeping today.

Mark Sweatman
Mark is the president of the Spartanburg Beekeepers Association and master beekeeper. Interested in bee breeding, Mark has helped lead the SCBA queen rearing team in helping teach and train SC beekeepers learn about queen bee biology and methods to make new queens. Aside from his day job, Mark keeps busy raising queens, giving talks and teaching classes, as well as staying up to date by attending several bee meetings.

Mark Sweatman—Update on Queen Rearing Project—Friday @ 10:40 Ballroom B
Mark Sweatman—Overview of Queen Rearing—Friday @1:30 Meeting Room
This workshop will go over the reasons why you might want to rear queens as well as the different methods to do so - whether you want to make 2 or 50!

Clemson Inspectors
Beginning Inspections—Friday @ 10:40 Apiary
Intermediate Inspections—Friday @ 1:30 Apiary
Inspections / Diseases—Saturday @ 11:35 Apiary

Clemson Regulatory Services Updates
These updates will cover a review of apiary inspections across the state and survey results as well as programs aimed at proper pesticide use and pollinator protection.
Clemson Regulatory Services Updates—Friday @ 3:00 Ballroom A

Take Notes (Don’t try to remember it all)
Take Notes (Don’t try to remember it all)