

2nd Annual
University of Florida



South Florida Bee College

Friday and Saturday,
August 15-16, 2014

Ft. Lauderdale Research and Education Center
3205 College Avenue
Davie, Florida 33314



Welcome

Keynote Speakers

THE MOST EXTENSIVE educational honey bee event in the state of Florida has expanded to South Florida! Members of the University of Florida's Honey Bee Research and Extension Laboratory are pleased to announce the 2nd annual South Florida Bee College. SFBC is held at UF's Fort Lauderdale Research and Extension Center (FLREC) in Davie, Florida.

The two-day event is open to the public and offers classes for all levels of interest. Beekeepers of all ages and experience levels, gardeners, naturalists, teachers, farmers, county agents, and anyone else interested in honey bees is encouraged to attend. **You do not have to keep bees to attend; the only prerequisite is your interest in the subject!**

The course lineup has over 50 topics to suit your practical needs as well as satisfy your growing curiosity on a diversity of honey bee-related subjects. We have a suggested beginner track lineup (in blue on the schedule) for novices, though students at the SFBC may attend any course regardless of expertise. There will be live hives, beekeeping gear, informational lectures, hands-on workshops, and lots of time for participation.

There will also be a 21-class Honey Show where you can enter your honey, mead, crafts, art, and more for awards and the title of 'Best Honey in South Florida!' ANYONE can enter, even if it be the black jar (tasting only) or the novice class - for those who have never won 1st place at a honey show before.

The registration fee includes a full printed program of all lecture material, a goodie bag with industry items, refreshments, lunch, and dinner on Friday, followed by an ice cream social. Friday night also includes an awards ceremony where the place winners and best of show in the SFBC Honey Show are announced.

Our team of experts and dedicated staff are excited to host the 2nd annual South Florida Bee College. We look forward to seeing you there!



— The Honey Bee Research
and Extension Laboratory



Simon Croson was attracted to beekeeping through his love of honey and photography. This love allowed Simon to travel and share his combined passion. Simon has spent 10 years with the British Bee-keepers Association (BBKA).

He teaches beekeeping

subjects at various levels and is involved in events at all levels in the UK and abroad. Simon has won over 100 awards at honey shows in the UK and 2 Gold Medals at Apimondia for photography. Simon's honey products have been recognized in the culinary world at a national level. Simon gives much of his personal time to allow others to benefit through beekeeping by organizing training events locally for his association, at national level he organizes the lecture programme at the National Honey Show, London and he leads tours for Bees Abroad - a charity that supports beekeeping projects in less fortunate countries. Simon enjoys travel, photography and new beekeeping initiatives.



Dr. Juliana Rangel was born in Colombia, and moved with her family to the U.S. in 1998. She graduated from the program of Ecology, Behavior, and Evolution at the University of California, San Diego. She obtained her Ph.D. under Dr. Tom Seeley at

Cornell University, NY, where she explored the mechanisms of reproductive swarming in the honey bee *Apis mellifera*. In 2010, she joined the laboratory of Dr. David R. Tarpy at N. C. State University as coordinator of the "Born and Bred in North Carolina: Queen-Rearing and Bee-Breeding Program". Juliana is now an Assistant Professor of Apiculture in the Department of Entomology at Texas A&M University. Her research program focuses on the biological and environmental factors that influence reproductive quality of honey bees (especially those that elicit queen superscedure) and on studies of the health and behavioral ecology of feral honey bees. She is also an active member of the TX Beekeepers Association. She teaches an undergraduate course Honey Bee Biology, and is developing a Honey Bee Management laboratory for spring 2015.

Speaker Bios South Florida Bee College

- 1. Tomas Bustamante** is a Master's student under Dr. Ellis. His research focuses primarily on honey bee morphometrics, with a particular emphasis on African subspecies..
 - 3. Keith Councill** is the immediate past president of the Florida State Beekeepers Association. He also owns and operates a farm and apiary business called Councill Farms. Keith has been active in live honey bee removal for over 30 years.
 - 4. Caroline Efstathion** graduated from Florida Atlantic University in 2002 with a BS in biology. She received her MS at Florida Atlantic University in 2011 where her studies focused on avian bacteriology. She is currently pursuing her PhD at UF. Her research focus is on improving conservation of wild birds with the use of insecticides to reduce nest site competition with Africanized honey bees.
 - 5. Dr. Jamie Ellis** is a Gahan Endowed Associate Professor at UF; is Florida's apiary Extension specialist and leads the HBREL. He is a founding member of the UF Bee College, South Florida Bee College, Caribbean Bee College, the Florida Master Beekeeper Program, and the AFBEE program. Jamie supervises four graduate students, two post-docs, and about 20 research projects
 - 6. Caitlin Gill** is the FDACS Apiary Inspection Supervisor for Region 2 and 13 which consists of Martin, Palm Beach, Broward, Miami-Dade and Monroe counties. Caitlin graduated from UF with a BS in Food and Resource Economics, shortly after she entered in the U.S. Peace Corps. She served for 27 months in Paraguay teaching and organizing Africanized beekeeping projects for schools and agriculture committees.
 - 7. Jennifer Holmes** and her husband Chris enjoy their growing apiary as a family business, providing honey to retail establishments and pollination services to local farms and to major crops outside the state. Jennifer is a UF/IFAS Master Beekeeper, Welsh Honey Judge, and the VP of Education with the Treasure Coast Beekeepers Association.
 - 8. Brendahn Horne** is the owner of Bee Barf Apiaries, a member of the Master Beekeeper Program, a Welsh Honey Judge and has 10+ years of practical beekeeping experience. Brendahn's work focuses on live bee removals and he is the retired president of the Palm Beach County Beekeepers Association.
 - 9. Dr. Bill Kern** is an Associate Professor of Entomology & Nematology at the FLREC at UF. His expertise includes Africanized honey bee management, Urban and Structural Entomology, and Urban Vertebrate Pest Management. He has maintained an experimental Africanized Honey Bee apiary for 6 years in Davie, FL.
 - 10. Jeanette Klopchin** is a full-time technician and lab manager of the HBREL. She contributes significantly to both extension and research and oversees the care of UF's apiary.
 - 11. Julie McClurg** is an FDACS apiary inspector for the central Florida region. Julie served as the assistant quarantine officer for Ft. Pierce's Biological Control Research and Containment Facility. Her focus was plant-insect interactions and insect-pesticide interactions. Julie's botany and inspection work made her a perfect fit for the inspection team, where she now participates in honey bee education.
 - 12. Ashley Mortensen** is a graduate student of Dr. Jamie Ellis at the UF HBREL. Her research focuses on drone congregation areas, hybridization of African and European honey bees, and molecular discrimination of African and European honey bee subspecies.
 - 13. Aaron Mullins** got his first beehive at the age of nine as a 4-H project. He got his BS in biology/entomology at Virginia Tech before living in Ecuador working with agricultural pests and beekeeping as a Peace Corps volunteer. He pursued a MS in Entomology from UF and served as research faculty in the Virginia Tech agriculture lab before taking his current job as Senior Biological Scientist at the FLREC. He is currently pursuing a PhD in termite biology, but continues to keep bees in his spare time.
 - 14. Dr. Daniel Schmehl** is a postdoctoral research associate at the HBREL. He received his PhD from Penn State where he examined the effects of pesticide and nutritional stress on honey bee queen and worker physiology. His current work investigates the impact of field relevant doses of pesticides on honey bee health, the contribution of diet in pathogen and pesticide resistance, and novel management strategies for effective Varroa mite control.
 - 15. Roy Smith** is a certified Welsh Honey Judge and a Master Beekeeper in the Master Beekeeper Program at UF. Roy operates a large apiary in the panhandle and produces over 30 varieties of honey.
 - 16. Dr. Cory Stanley-Stahr** is a postdoctoral research associate at the HBREL working on Project Integrated Crop Pollination and Operation Pollinator. Her areas of expertise include native bees and crop pollination. Her research interests include bee behavior, pollinator habitat, and pesticide effects on pollinators.
 - 17. Ross Toyne Ross** and his family, Irina, Nina, and Kai, keep honeybees in Miami Dade where he practices real estate, corporations, maritime and general civil litigation law. A UF/IFAS Apprentice Beekeeper, he holds a BS in Finance and Economics and a Masters in Intl. Business from the Univ. of S. Carolina, as well as a J.D. from the Univ. of Miami.
 - 18. David Westervelt** is the Chief of the Apiary Inspection Section of FDACS. A Florida native, Dave is an expert on beekeeping and horticulture and has been beekeeping for over 40 years. He has published a number of scientific and popular articles on bees, and travels frequently to speak about bees.
 - 19. Rebecca Wilson** is the current President of the Beekeepers Association of Southwest Florida and an Advanced Beekeeper in the UF/IFAS Master Beekeeper Program. Rebecca's fields of interest are queen rearing and pollination service and she is currently growing her commercial beekeeping business.
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2nd Annual SFBC Honey Show



SOUTH FLORIDA BEE COLLEGE HONEY SHOW SCHEDULE 15 AUGUST 2014



Entries accepted: 8:00am - 11:00am

At the HURRICANE HOUSE

Staging: 9:00am - 11:30am

Judging: Commences 11:30 am

Prize giving: Awards Ceremony Friday Evening

Honey Show Manager:

Mrs. Elaine Schoch

Honey Show Secretary:

Ms. Maggie Wachter

Presiding Head Judge:

Mr. Brendahn Horne

Welsh Honey Judges:

Ms. Jennifer Holmes

Mr. Roy Smith

Judges' Stewards:

Mr. Barnabus Bela

Ms. Michelle Peterson

Mr. William Boggs

AWARDS

Prize cards will be awarded as follows:

1st prize	6 points	Blue
2nd prize	5 points	Red
3rd prize	4 points	Yellow
Very Highly Commended	3 points	Green
Highly Commended	2 points	Purple
Commended	1 point	Orange

Supreme: Supreme extracted honey chosen from the first prizes from classes of honey in a jar excluding class H6 (black jar).

Sweepstakes: Maximum points collected from an exhibitor for the prizes collected across the show bench.

Best in Show: Best Exhibit in show amongst all open exhibit classes.

SFBC Honey Show Exhibit Classes

1. Commercial class: six 1lb. jars of honey any type (extracted, chunk, creamed) displayed with exhibitors own labels
2. Three 1lb. jars of light extracted honey
3. Three 1lb. jars of medium/amber extracted honey
4. Three 1lb. jars of dark extracted honey
5. Three 8oz. jars of creamed honey
6. Black Jar Class: one 1lb. (min 8oz.) of extracted honey for tasting only
7. Novice class: one 1lb. jar of extracted honey, for exhibitors who have not won first prize at any honey show
8. Three 1lb. jars of chunk honey (approx. 50% cut comb)
9. Two wood sections (enclosed in containers)
10. Two sections of cut comb (enclosed in containers)
11. One frame of comb honey suitable for extraction (shown in a display case)
12. One cake of beeswax (block).
13. Three 100% beeswax molded candles
14. Three 100% beeswax dipped candles
15. Three 100% beeswax decorative candles
16. Edible honey cake, circular, approx. 8 or 9in., standard recipe to be used by the exhibitor (found in class rules)
17. Bottle of sweet mead (750ml. clear corked bottle)
18. Bottle of dry mead (750ml. clear corked bottle)
19. Photograph of a beekeeping-related subject
20. Beekeeping artistry (i.e. embroidery, painting), not a photograph
21. Beekeeping gadgets, made by the exhibitor relating to bees or beekeeping

Selected Rules and Program Information

- All honey and wax exhibited must be the bona fide produce of the exhibitors' own bees.
- All wax must be 100% pure beeswax, of uniform color and consistency, with no colorings added.
- Exhibitors may have more than one entry in a class, but no single entry may be shown in more than one class and an exhibitor shall not be entitled to more than one placed award per class.
- Exhibitors must submit an entry form prior to the event (on-site is allowable)

[Download SFBC Honey Show Entry Form](#)

[Read general rules, detailed exhibit class rules, and honey cake recipe](#)

- The SFBC honey Show will be judged according to Welsh Honey Judge Criteria by only certified Welsh Honey Judges and stewards

Hotels

These hotels are not endorsed by UF or the SF Bee College in any way; they are suggestions based on distance and value. Participants are responsible for arranging and paying for any necessary accommodations.

Holiday Inn Express

www.hiexpress.com
2450 SW 64th Ave.
Davie, FL 33317
954.585.7071

Homestead Studio Suites

www.homesteadhotels.com
7550 W. State Road 84
Plantation, FL 33317
954.476.1221

La Quinta Inn & Suites

www.lq.com
8101 Peters Rd.
Plantation, FL 33324
954.476.6047

Renaissance Fort Lauderdale

www.renaissance.com
1230 S Pine Island Rd.
Plantation, FL 33324
954.472.2252

Ramada

www.ramada.com
2275 State Road 84
Ft. Lauderdale, FL 33312
954.584.4000

Red Carpet Inn

www.ramada.com
2460 State Road 84
Ft. Lauderdale, FL 33312
954.792.4700

Camping

Twin Lakes Travel Park

www.twinlakestravelpark.com
3055 Burris Rd.
Davie, FL 33314
800.327.8182

How to Prepare, What to Bring

You can easily register online and pay with a credit card or register online and then mail in a check. Walk-ups will incur an additional fee. Remember to book your hotel room early! We highly encourage you to enter the SFBC Honey Show, don't forget to submit your entry form and review the general and exhibit class rules.

If you have a personal veil or suit, feel free to bring it; we offer open hive demonstrations both days. If you don't have your own, don't worry; we have plenty of protective gear to loan. Food will be provided, so no need to pack a lunch. There will be several vendors selling beekeeping equipment so be sure to bring cash.

The teaching spaces at FLREC are both indoor and outdoor, with a short walk between the two main buildings on campus. Please be sure to dress appropriately.

REGISTER

<https://2014southfloridabeecollege.eventbrite.com>

**Registration will close August 14th 2014*

Directions to **FLREC** in Davie, Florida

From the East, North or South: Take I-95 or Florida's Turnpike (from north or south). Exit on I-595 westbound. Go west to Exit #7, Davie Rd. (Ignore Davie Blvd., somewhere else in Broward County.) Watch for signs; after veering to the right off I-595 you must shortly turn left at the Davie Rd. signal light, going underneath the I-595 overpass. From exit #7 off I-595 go south 1/2 mile on Davie Rd. Turn right at Nova Drive (signal light). Continue west 1/2 mile on Nova Drive to the first signal light, College Ave. Turn left and go south 1/4 mile on College Ave. to the University of Florida, on the right, at 3205 College Ave.

From the West: Take US-27 south from South Bay or I-75 east from Naples. Get on I-595 eastbound to Fort Lauderdale. About 8 miles east of US-27 you must carefully follow the signs to Fort Lauderdale, merging right onto and straight through the large spaghetti overpass, continuing on I-595 east to Exit #7, Davie Rd. From exit #7 off I-595 go south 1/2 mile on Davie Rd. Turn right at Nova Drive (signal light). Continue west 1/2 mile on Nova Drive to the first signal light, College Ave. Turn left and go south 1/4 mile on College Ave. to the University of Florida, on the right, at 3205 College Ave.

From the Southwest: Turnpike Extension (e.g., from western Dade County) to I-75 north, bear right onto eastbound I-595. (Do not continue straight into the Sawgrass Expressway.) Go east on I-595 to Exit #7, Davie Rd. From exit #7 off I-595 go south 1/2 mile on Davie Rd. Turn right at Nova Drive (signal light). Continue west 1/2 mile on Nova Drive to the first signal light, College Ave. Turn left and go south 1/4 mile on College Ave. to the University of Florida, on the right, at 3205 College Ave.