

1st Annual
University of Florida



South Florida Bee College

Friday and Saturday,
August 16-17, 2013

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



Speaker Bios South Florida Bee College

- 1. Tomas Bustamante** is a research technician at HBREL who supports the lab by maintaining the various research projects. He has experience working with many research techniques, such as those involved with preserving insect specimens, RNA analysis, and toxicology research.
- 2. 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 in Entomology and Nematology 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 and improve nestling bird health by reducing the incidence of blood sucking arthropods.
- 3. Keith Councill** is the current 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. Mark Dykes** is the Supervisor of Apiary Inspection for region 2. His current duties include overseeing the inspections of hives in southern Florida and providing beekeeping information to the public. Before joining the apiary inspection team Mark graduated from UF with a degree in Natural Resource Conservation. Prior to attending UF Mark was in the US Coast Guard.
- 5. Jason Graham** is a Ph.D. student studying under Dr. Ellis. Jason's research focuses on the habitat of native pollinators in North Florida.
- 6. * Dr. Ernesto Guzman** is a Professor and Leader of the Honey Bee Research Centre in the School of Environmental Sciences at the University of Guelph in Ontario Canada, since 2004. Dr. Guzman was born and raised in Mexico, where he started to keep bees in 1978. He got a DVM degree in 1982 and obtained M.Sc. and Ph.D. degrees in Entomology from the University of California at Davis in 1989 and 1992, respectively. In 1994 he was appointed director of the National Apicultural Research Program for the Mexican Department of Agriculture. His research has been focused on the genetics, behavior, and parasitic mites of honey bees. Dr. Guzman has authored more than 300 publications, including scientific and trade journal articles, as well as books, book chapters and summaries in conference proceedings.
- 7. David Hall** is a beekeeper in the Jefferson County, Florida, area. He has been an officer in the Apalachee Beekeepers Association and is an active participant in UF's Master Beekeeper Program.
- 8. Dr. Bill Kern** is an associate professor at the UF Ft. Lauderdale REC. An urban entomologist, Dr. Kern specializes in African honey bee beekeeping and education.
- 9. Jeanette Klopchin** is a full-time technician and lab manager of the UF honey bee lab. She contributes significantly to extension and research at HBREL.
- 10. 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, strategies to limit the introgression of African genetics into American honey bee populations, and molecular discrimination of African and European honey bee races.
- 11. * Dr. Malcolm T. Sanford** is a Professor Emeritus in the UF Entomology Department. He is the Executive Secretary of the Florida State Beekeepers Association and author of "Storey's Guide to Keeping Honey Bees." He runs Apis Information Resource Center at www.squidoo.com/apis.
- 12. Dr. Daniel Schmehl** is a postdoctoral associate under Dr. Jamie Ellis at the HBREL. His main research interests include the sublethal impacts of pesticides on honey bee health, as well as molecular techniques for Varroa control using RNA interference under Dr. Ellis at the HBREL.
- 13. Claudia Silveria** is a Florida Licensed Beekeeper and an ISA Certified Arborist. As an environmentalist Claudia embraces the cause of saving honey bees and pollinators. Claudia is originally from Brazil and that's where her passion for beekeeping began many years ago, working with both genus Apis and Melipona. From passion to profession, Claudia now performs bee rescue, sells raw honey and products that she derives from her beloved honey bees. Claudia is currently enrolled in UF's Master Beekeeper Program.
- 14. Roy Smith** is a certified Welsh Honey Judge and Master Beekeeper. Roy operates a large apiary in the panhandle and produces over 30 varieties of honey.
- 15. Gary VanCleaf** is the Region I (North Florida) Apiary Inspection Supervisor for the Florida Dept. of Ag. and Consumer Services. He has primary responsibility for the region's regulatory needs in regards to inspections, certifications, registrations, compliance, and rules and regulations for consumers.
- 16. David Westervelt** is the Assistant Chief of the Apiary Inspection Section of the Florida Department of Agriculture and Consumer Services. A Florida native, Dave is an expert on beekeeping and horticulture in the Sunshine State 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.

SF Bee College Information



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 1st annual South Florida Bee College. SFBC will be held at UF's Fort Lauderdale Research and Extension Center (FLREC) in Davie, Florida.

The two-day event offers classes for beekeepers of all ages and experience levels, gardeners, naturalists, county agents, and anyone else interested in honey bees. You do not have to keep bees to attend; the only prerequisite is your interest in the subject! Even if you have attended the UF Bee College before, we are sure that you will find that the SFBC will be just as fulfilling. The course lineup has 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 orange on the schedule) for novices, though students at the SFBC may attend any course regardless of expertise.

We will be hosting a Spanish-Speaking Track, featuring basic beekeeping courses. We have several speakers fluent in Spanish and educated in beekeeping, and we are excited to cater to the needs of the culturally diverse community in South Florida.

Included in the registration fee on both days are snacks, catered lunches, a catered banquet dinner on Friday evening, and the ice cream social following the awards ceremony. During the ceremony, we announce students who have advanced in the Master Beekeeper Program held the previous day, and the place winners and best of show in the South Florida Bee College Honey Show, as well as give out door prizes.

Our team of experts and dedicated staff is excited to host the 1st annual South Florida Bee College. We look forward to seeing you there!

— *The Honey Bee Research and Extension Lab
at the University of Florida*

¡EL EVENTO EDUCATIVO más extenso en el estado de Florida sobre abejas melíferas se ha expandido al sur de la Florida! Los miembros del laboratorio de investigación y extensión sobre la abeja melífera de la Universidad de Florida se complace anunciar el primer South Florida Bee College. El SFBC se celebrará en el Fort Lauderdale Research and Education Center (FLREC) de UF en Davie, Florida.

El evento de dos días ofrece clases para los apicultores de todas las edades y niveles de experiencia, jardineros, naturalistas, agentes del Condado y cualquier persona interesada en las abejas melíferas. ¡No tienes que mantener abejas para asistir; el único requisito es su interés en el tema! Aunque haya asistido a un UF Bee College antes, estamos seguros que SFBC será igual de satisfactorio para usted. Los temas del curso cubrirán sus necesidades prácticas así como su creciente curiosidad en una diversidad de tópicos relacionados con la abeja melífera. Tenemos temas para principiantes sugeridos (en naranja en el horario), aunque los estudiantes del SFBC pueden asistir a cualquier curso independientemente de la experiencia.

Auspiciaremos lecturas en español el viernes, con tópicos de apicultura básica. Tenemos varios oradores hispanohablantes y especializados en apicultura. Estamos muy contentos de atender las necesidades de una comunidad tan diversa culturalmente en el sur de la Florida.

En la cuota de inscripción para ambos días están incluidos aperitivos, almuerzos, un banquete el viernes por la noche y el helado social después de la ceremonia de premios. Durante la ceremonia, anunciaremos a los estudiantes que han avanzado en la maestría de apicultura celebrada el día anterior, y los ganadores y la mejores muestras de la Exhibición de Miel en el South Florida Bee College, así como premios sorpresas.

Nuestro equipo de expertos y personal dedicado se enorgullecen en presentar el 1er South Florida Bee College. ¡Te Esperamos!

— *The Honey Bee Research and Extension Lab
at the University of Florida*



South Florida Bee College Honey Show

ALL SOUTH FLORIDA BEE COLLEGE students are encouraged to participate in the 1st annual South Florida Bee College Honey Show. Entry is free! Winners can proudly claim the title of “Best Honey in South Florida”!

Take advantage of this wonderful opportunity to showcase all of your (and your bees’!) hard work. The show will be judged using the Welsh Honey Judge methods by certified Welsh Honey Judges and Stewards, and winners will be announced during the awards ceremony Friday evening.

Despite the name, the Honey Show isn’t just for honey! You can submit honey products, art/photography and observation hives too. A “Best Exhibit in Show” will be chosen from all of the 1st place winners. Please read below for a list of open classes for entry and selected general rules.

Open Classes

- H1. Commercial class: displayed with your own labels: Six 454 g (1 lb.) jars of honey of any type, extracted, chunk, creamed (see rule 4 & 4A).
- H2. Three 454 g (1 lb.) jars of light extracted honey.
- H3. Three 454 g (1 lb.) jars of medium/amber extracted honey.
- H4. Three 454 g (1 lb.) jars of dark extracted honey.
- H5. Three 454 g (1 lb.) jars of creamed honey (see rule 4B).
- H6. One 454 g (1 lb.) (min 8 oz.) of honey for tasting only (black jar)(see rule 5).
- H7. Three 454 g (1 lb.) jars of chunk honey (approx. 50% cut comb) (see rule 6).
- H8. Two basswood sections (enclosed in containers) (see rule 6).
- H9. Two containers of cut comb, standard traditional plastic containers with transparent snap-on lids (see rule 6).
- H10. One frame of comb honey suitable for extracting (must be wired and shown in display case) (see rule 6).
- H11. One cake of beeswax (block) approximately 2 lb. min, 3 lb. max weight and 1.5–2.0 inches thick (see rule 7).
- H12. Three plain beeswax candles, up to and including 38 mm (1.5 inch) in diameter, all made by moulding (one to be lit by the judge).
- H13. Three plain beeswax dipped candles, up to and including 38 mm (1.5 inch) (one to be lit by the judge).
- H14. Photograph of a beekeeping subject (See rule 9).
- H15. Edible honey cake, circular, approx. 165–190 mm (6.5”–7.5”), standard recipe to be used by the exhibitor (see rule 8).
- H16. Novice Class: One (1 lb.) jar of extracted honey. Note: For exhibitors who have not won first prize at any honey show.
- H17. Bottle of sweet mead (750 ml clear bottle, with cork seated $\frac{1}{8}$ inch below the opening).
- H18. Bottle of dry mead (750 ml clear bottle, with cork seated $\frac{1}{8}$ inch below the opening). chosen from the first prizes from classes.
- H19. Supreme extracted honey chosen from the first prizes from classes of honey in a jar but excluding classes H5 & H9.
- H20. Beekeeping artistry (i.e. embroidery, painting etc.), not a photograph (see rule 9).
- H21. Beekeeping gadgets, made by the exhibitor relating to bees or beekeeping (see rule 9).
- H22. Maximum points collected from an exhibitor for the prize collected across the show bench.
- H23. Best exhibit in show.

General Rules

- Only registered South Florida Bee College participants may enter and exhibit in the honey show.
- Exhibitors are required to register (at no charge) online and send in an entry form PRIOR to the show.
- All exhibitors must bring their entries to the show for judging by 12:00 noon, Friday, August 16.
- Exhibitor drop-off and Honey Show location will be available at registration.
- The SFBC reserves the right to limit the number of entries on a first-come, first-admitted basis.
- Beeswax entries must have been produced by the submitter and within the last 12 months and must be 100% pure beeswax. This restriction does not apply to entries in mead, photography, art, and gadgets.
- *Detailed rules, regulations and the a printable SFBC Honey Show entry form can be found at www.ufhoneybee.com*

South Florida Bee College **Expo Miel**

SE ANIMA a todos los estudiantes del South Florida Bee College a participar en la 1ra South Florida Bee College Expo Miel Anual. ¡La entrada es gratuita! Los ganadores pueden llevar con orgullo el título de “¡Mejor miel en South Florida!”

Aprovecha esta oportunidad para mostrar a todos el arduo trabajo tuyo (¡y el de tus abejas!). El evento será juzgado por jueces Galeses y oficiales certificados en los métodos de Juzgamiento Galés sobre miel. Los ganadores serán anunciados durante la ceremonia de premiación del viernes por la noche.

¡A pesar del nombre, la Feria de la miel no es sólo para la miel! Usted podrá exponer productos de la miel, arte/fotografía y colmenas de observación también. Una “mejor exhibición de la Feria” se escogerá entre todos de los ganadores del 1er lugar. Por favor lea a continuación la lista de clases abiertas para entrar y las reglas generales.

Clases Abiertas

- H1. Clase comercial, con sus propias etiquetas. Seis frascos de 454 g (1 lb.) de miel de cualquier tipo, líquida, con trozos de panal, cristalizada o cremosa (véase la regla 4 & 4A).
- H2. Tres frascos de 454 g (1 lb.) de miel líquida clara.
- H3. Tres frascos de 454 g (1 lb.) de miel líquida medio oscura/ámbar.
- H4. Tres frascos de 454 g (1 lb.) de miel líquida oscura.
- H5. Tres frascos de 454 g (1 lb.) de miel cremosa (ver regla 4).
- H6. Un frasco de 454 g (1 lb.) (mín 8 oz) de miel sólo para degustación (frasco negro) (ver regla 5).
- H7. Tres frascos de 454 g (1 lb.) con pedazos de panal de miel (aprox. 50% de panal cortado) (ver regla 6).
- H8. Dos secciones de madera suave (“basswood”, contenidas en recipientes) (ver regla 6).
- H9. Dos envases, con miel en panal, de plástico tradicionales estándar con tapas transparentes (ver regla 6).
- H10. Un marco adecuado para la extracción de miel (debe ser cableado y mostrarse en una vitrina) (ver regla 6).
- H11. Una torta de cera de abejas (un bloque). Aproximadamente 2 lb. mín., 3 lb. máx. de peso y 1,5–2,0 pulgadas de espesor (ver regla 7).
- H12. Tres velas simples (llanas) de cera de abejas de hasta, e incluyendo 38 mm (1,5 pulgadas) de diámetro, todas hechas en moldes (una será para encenderse por el juez).
- H13. Tres velas de cera de abejas simples (llanas) y sumergidas (cirios), de hasta e incluyendo 38mm (1,5 pulgadas) (una será para encenderse por el juez).
- H14. Fotografía de un tema apícola (ver regla 9).
- H15. Torta de miel comestible, circular, aprox. 165–190 mm. (6½” – 7½”), con la receta para ser usada por el expositor (ver regla 8).
- H16. Clase para principiantes: Un frasco (1lb) de miel líquida. NOTA: Para los expositores que no hayan ganado el primer premio en cualquiera de las exhibiciones.
- H17. Botella de hidromiel dulce (botella clara de 750ml, con tapón de corcho sentado ½ de pulgada por debajo de la abertura).
- H18. Botella de hidromiel seca (botella clara de 750ml, con tapón de corcho sentado ½ de pulgada por debajo de la abertura).
- H19. Miel líquida suprema elegida de los primeros premios de las clases de miel en frasco pero excluyendo las clases H5 & H9.
- H20. Arte apícola (es decir, bordado, pintura etc.) No una fotografía (ver regla 9).
- H21. Aparatos apícolas, hechos por el expositor relativos a las abejas o la apicultura (ver regla 9).
- H22. Los puntos máximos colectados por un expositor para el premio son colectados en todas las exposiciones.
- H23. Mejor exposición en la exhibición.

Reglas Generales

- Sólo los participantes inscritos en el South Florida Bee College pueden entrar y exponer en la Expo Miel.
- Los expositores están obligados a inscribirse (sin costo) en línea y enviar un formulario de inscripción antes del evento.
- Todos los expositores deben traer sus entradas a la exhibición para ser juzgadas a las 12:00 del medio día viernes, 16 de agosto.
- El local y la ubicación donde los expositores dejarán sus muestras de miel estarán disponibles al registrarse.
- La SFBC se reserva el derecho de limitar el número de inscripciones que se procesarán por orden de registro.
- Las muestras de cera de abejas deben haber sido producidas por el participante, dentro de los últimos 12 meses y debe ser 100% pura cera de abejas. Esta restricción no se aplica a las entradas de vino de miel de abeja, fotografía, arte y artefactos.
- *Las reglas, regulaciones y un formulario de inscripción imprimible detallados sobre el SFBC Expo Miel pueden encontrarse en www.ufhoneybee.com.*

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

DON'T FORGET to register online at www.southfloridabeecollege.eventbrite.com. You can easily register online and pay with a credit card or register online and then mail in a check. Remember to book your hotel room early! If you are entering our Honey Show, don't forget to submit your entry form and review the rules online.

If you have a personal veil or suit, feel free to bring it; we offer open hive demonstrations both days. Don't worry; we have plenty of protective gear for everyone if you don't have your own. 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.

Cómo prepararse, qué hacer

NO SE OLVIDE de inscribirse en línea en www.SFBeeCollege.eventbrite.com. Ud. puede registrarse fácilmente y pagar con tarjeta de crédito o mandar un cheque por correo. ¡Recuerde reservar su habitación de hotel con anticipación! Si usted va a participar en nuestra Expo Miel, no se olvide de enviar su formulario de inscripción y revisar las reglas en línea.

Si tiene un velo personal o traje, no dude en traerlo; ofrecemos demostraciones de colmena abierta ambos días. No se preocupe; tenemos un montón de equipos de protección para todos si usted no tiene el suyo. Se proporcionará comida, así que no hay necesidad de empacar un almuerzo. Habrán varios proveedores vendiendo equipos apícolas así que no se olvide de traer dinero en efectivo.

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.