

2007 BEEKEEPING INSTITUTE



May 17-19

Young Harris College
Young Harris, Georgia

Young Harris College and the University of Georgia are offering the sixteenth annual Beekeeping Institute, May 17-19, 2007. Since its inception in 1992, the Institute has grown to become the largest and most comprehensive beekeeping educational event in the Southeast, offering classes for beekeepers at all levels of experience, sponsoring the Georgia Master Beekeeper Program (GMBP), and partnering with the Welsh (UK) Bee Keepers Association to provide North America's only licensing program for honey judges. For 2007 we are continuing the tradition of well-rounded instruction for beekeepers at every level of experience.

Thursday May 17 is dedicated to training and certification examinations for the GMBP Journeyman, Master, and Master Craftsman levels as well as the Welsh Honey Judge qualifications. Training and certification for the GMBP Certified (beginner's) level are incorporated into the normal activities for the beginners' track Friday and Saturday. Details for both programs are included in this brochure.

The Institute proper, Friday and Saturday, features a 2-track system – one track for experienced beekeepers and another for beginners. Facility limitations force us to cap enrollment at 150. If you cannot pre-register, please call first to make sure there's space before you make the trip.

Besides a steady diet of beekeeping basics, the Institute offers a smorgasbord of the latest research and coverage of industry mega-trends. Participants in the 2007 Institute will benefit from the latest information on Colony Collapse Disorder, a new species of *Nosema*, new research on the economics of chemical-free beekeeping, and the implications of global warming on beekeeping.

One small change for 2007 is the addition of an optional lecture series on Friday and Saturday afternoons open to all students regardless of track. This will be simultaneous with the normal afternoon workshop offerings. We are also for the first time offering recertification credits for pesticide applicators registered with the Georgia Department of Agriculture.

One of the most rewarding opportunities of the Institute is the annual Honey Show. Besides typical categories in honey, the Honey Show includes classes in photography, art, candles, cut-comb honey, mead, and beekeeping gadgets. We urge students to participate in the Institute Honey Show, even if you've never competed before. Cash prizes are awarded.

All awards, certifications, and pesticide applicators credits are announced at the Closing Convocation Saturday.

We look forward to seeing you at the 2007 Beekeeping Institute!

THURSDAY, May 17 is dedicated for those wishing to qualify for Journeyman, Master Beekeeper, Master Craftsman or Welsh Honey Judges' Certifications. Master Craftsman audits and exam times by advance appointment.

Morning Sessions (separate and synchronous)			
8:00	Journeyman training lectures	Master training lectures	
9:45	<i>BREAK</i>		
10:15	Journeyman training lectures	Master training lectures	
12:00	<i>LUNCH</i>		
Afternoon Sessions (separate and synchronous)			
1:00-4:30	Journeyman Practical Examinations	Master Practical Documentation Audits	
3:00-4:30	Welsh Honey Judges' training lectures		
5:00	<i>DINNER</i>		
7:00-9:00	Welsh Honey Judges' Examinations and Audits	Journeyman Written Examinations	Master Written Examinations

FRIDAY, May 18

7:00 Registration begins

MORNING LECTURES

	Beginners' Track (GMBP Certified level)	Experienced Track
7:55	Welcome & Institute Overview, <i>Keith Delaplane</i>	Welcome & Institute Overview, <i>Robert Brewer</i>
8:00	History of Beekeeping, <i>Keith Delaplane</i>	Commercial Honey Production in North Georgia, <i>Bob Binnie</i>
9:00	Equipment and Getting Started, <i>PN Williams</i>	New Ideas for Observation Hives, <i>Tom Webster</i>
10:00	<i>BREAK</i>	
10:30	Spring and Summer Management, One Perspective, <i>Dan Harris</i>	Honey Bees as Bio-Monitors of Global Warming, <i>Wayne Esaias</i>
11:15	Management in the Off-Season, <i>PN Williams</i>	Africanized Bee Preparedness for Emergency Responders, <i>Bill Owens</i>
12:00	<i>LUNCH - Honey Show entries due</i>	

AFTERNOON WORKSHOPS (schedule repeated both days)

	Beginners' Track (GMBP Certified level)		Experienced Track		
1:00-2:15	Basic Beekeeping Equipment, <i>Wayne Esaias</i> (Fri), <i>Keith Fielder</i> (Sat)	Getting Started: Package Bees and Nucs, <i>PN Williams</i>	1:00-2:15	Principles of Bee Genetics and Breeding, <i>Jennifer Berry & Dan Harris</i>	Hive Product Quality Control, <i>Evelyn Williams</i> (Fri), <i>Robert Brewer</i> (Sat)
2:15-3:30	Optional time: (1) break or (2) honey pollen analysis available, <i>Paul Arnold</i> or (3) Certified Beekeeper practical exam (Fri) and written exam (Sat)		2:15-3:30	Optional time: (1) break or (2) honey pollen analysis available, <i>Paul Arnold</i>	
3:30-4:45	Honey Processing, <i>Bill Owens</i>	Year-Round Management, <i>Dan Harris</i>	3:30-4:45	Cell-punch Method of Queen Rearing, <i>Wil Montgomery</i>	Screen Bottom Boards for Varroa Control, <i>Tom Webster</i>

FRIDAY AFTERNOON LECTURES (open to all students)

1:30	Colony Collapse Disorder, One Perspective, <i>Tom Webster</i>
2:00	Colony Collapse Disorder, Another Perspective, <i>Keith Delaplane</i>
2:30	Break
3:00	Master Beekeeper candidate lecture, TBA
3:30	Master Beekeeper candidate lecture, TBA

6:30 Cookout (included in registration)

SATURDAY, May 19

7:00 Registration begins

MORNING LECTURES

	Beginners' Track (GMBP Certified level)	Experienced Track
7:55	Welcome & Institute Overview, <i>Robert Brewer</i>	Welcome & Institute Overview, <i>Keith Delaplane</i>
8:00	Spring and Summer Management, Another Perspective, <i>Jim Quick</i>	Advantages of Nucs, <i>Keith Fielder</i>
9:00	Diseases, Pests, and Non-infectious Disorders, <i>Jennifer Berry</i>	Global Warming and Flower Phenology, <i>Wayne Esaias</i>
10:00	<i>BREAK</i>	
10:30	Practical Approaches to Requeening, <i>Keith Fielder</i>	<i>Nosema ceranae</i> , A New Pest of Beekeeping, <i>Tom Webster</i>
11:15	Honey Bees as Bio-Monitors of Global Warming, <i>Wayne Esaias</i>	The Economics of IPM, <i>Keith Delaplane</i>
12:00	<i>LUNCH</i>	

AFTERNOON WORKSHOPS (schedule repeated both days)

	Beginners' Track (GMBP Certified level)		Experienced Track		
1:00-2:15	Basic Beekeeping Equipment, <i>Wayne Esaias (Fri), Keith Fielder (Sat)</i>	Getting Started: Package Bees and Nucs, <i>PN Williams</i>	1:00-2:15	Principles of Bee Genetics and Breeding, <i>Jennifer Berry & Dan Harris</i>	Hive Product Quality Control, <i>Evelyn Williams (Fri), Robert Brewer (Sat)</i>
2:15-3:30	Optional time: (1) break or (2) honey pollen analysis available, <i>Paul Arnold</i> or (3) Certified Beekeeper practical exam (Fri) and written exam (Sat)		2:15-3:30	Optional time: (1) break or (2) honey pollen analysis available, <i>Paul Arnold</i>	
3:30-4:45	Honey Processing, <i>Bill Owens</i>	Year-Round Management, <i>Dan Harris</i>	3:30-4:45	Cell-punch Method of Queen Rearing, <i>Wil Montgomery</i>	Screen Bottom Boards for Varroa Control, <i>Tom Webster</i>

SATURDAY AFTERNOON LECTURES (open to all students)

1:30	Uses of Beeswax and Alternate Hive Products, <i>Rose Anne Fielder</i>
2:00	Pollination Ecology and its Implications for Sustainable Agriculture, <i>Eleanor Spicer</i>
2:30	Break
3:00	Master Beekeeper candidate lecture, TBA
3:30	Master Beekeeper candidate lecture, TBA

5:00 Closing Convocation, present awards, recognize Master Beekeeper grades and Welsh-certified honey judges, submit pesticide re-certification credits

STAFF AND COURSE INSTRUCTORS

Dr. Paul Arnold is Professor of Biology at Young Harris College and co-founder and host of the Beekeeping Institute. A botanist, Paul brings to the Institute a special expertise in honey plants and their pollen.

Jennifer Berry is Apicultural Research Coordinator and Apiary Manager at the University of Georgia and past President of the Eastern Apicultural Society. She is actively involved in all aspects of bee research and education at UGA.

Robert Brewer is Towns County Extension Director with the University of Georgia Cooperative Extension Service. Robert is a co-founder of the Beekeeping Institute and Coordinator of the Georgia Master Beekeeper program.

Bob Binnie is a honey producer and packer from Lakemont, Georgia. Bob's commercial beekeeping experience is diverse, including honey production and pollination on the west coast.

Detsy Bridges is the name, face, and voice most people associate with the Institute. It is she who runs the registration desk and handles all those terribly important advance details. Thank you Detsy!

Dr. Keith Delaplane is Professor of Entomology at the University of Georgia and co-founder of the Beekeeping Institute. He has worked with honey bees for 32 years and his research and extension work is focused on mite control and pollination.

Dr. Wayne Esaias is a biological oceanographer with the Goddard Space Flight Center, Greenbelt, Maryland. A hobby beekeeper, he has lately begun melding his interests in bees with his professional expertise in global climate change. Wayne received his PhD degree from Oregon State University. He is an EAS Master Beekeeper and active member of the Maryland Beekeepers Association.

Keith Fielder is Putnam County Extension Coordinator, Master Beekeeper, and a leader in state-wide bee education initiatives.

Rose Anne Fielder is an accomplished wax crafter and honey marketer from Putnam County, Georgia and enjoys watching husband Keith work bees from a distance.

Dan Harris is a beekeeping educator in the Athens area and lab technician with the UGA bee research program.

Wil Montgomery hails from Southside, Alabama and is a certified Georgia Master Beekeeper.

Bill Owens has served as president of the Georgia and Eastern Piedmont Beekeeper Associations. Bill holds the grade of Master Craftsman, the highest level in the Georgia Master Beekeeper Program. He is active in involved in state-wide education initiatives to prepare emergency responders for Africanized bees.

Jim Quick is a certified Georgia Master Beekeeper from Meansville, Georgia. He is a research technician for the UGA Department of Entomology, Griffin campus.

Eleanor Spicer is a *Cum Laude* graduate of North Carolina State University and an MS graduate student at the University of Georgia under the direction of Dr. Delaplane.

Dr. Tom Webster is research and extension apiculturist at Kentucky State University. He received his PhD in entomology from the University of California. Tom is a recognized expert of Nosema disease in honey bees.

PN & Evelyn Williams are founding officers of Tara Beekeepers Association in Forest Park and organizers of numerous metro Atlanta beekeeping education initiatives. The Williams are constantly promoting beekeeping and helping beginners.

GEORGIA MASTER BEEKEEPER PROGRAM

In 2007 the Georgia Master Beekeeper Program (GMBP) is offering qualifications at the Certified, Journeyman, Master and Master Craftsman levels. Training and examinations for the Certified (entry) level are incorporated into the Beginner's Track on Friday and Saturday; the higher levels are covered on Thursday.

Applicants to any level are asked to check their intention on the registration form. Questions about the program may be addressed to GMBP director Robert Brewer at (706) 896-2024.

Aspirants to all grades must meet advance requirements. Applicants at the Certified (entry) level must have had beekeeping experience prior to the Institute. Applicants for the higher grades must meet advance requirements detailed at <http://www.ent.uga.edu/bees/GMBP.htm>; bring all necessary documentation with you for scheduled audits. Exam questions are drawn from Institute lectures, lecture notes on the website, as well as other sources in the public domain; it is understood that applicants to the higher grades will bring to the exam a degree of independent and prior knowledge. Other details about the Master Beekeeper program are available at the website above.

WELSH BEE KEEPERS ASSOCIATION CERTIFICATION

The Welsh Bee Keepers Association has partnered with the YHC/UGA Beekeeping Institute to offer training and certification for honey show judges. This is the only partnership of its kind between the USA and United Kingdom. Entry-level students are given opportunity during the Institute to complete the first two of four requirements. The Welsh Honey Judge certification requires (1) attendance at the Thursday training, (2) documented experience as a steward (judge's assistant), (3) documented experience as a senior honey show judge, and (4) successful completion of the oral examination. For most aspirants this sequence requires one or more years. The oral examination is offered for those candidates meeting all other requirements. The purchase of an official judge's smock and hat is required of those candidates ready to take the exam, and certified judges, when serving as judge or steward, are expected to wear their official uniforms in respect of the high standards of professionalism the certification implies. Questions about the program may be addressed to Robert Brewer at (706) 896-2024.

HONEY SHOW

Students are encouraged to participate in the Honey Show. Cash prizes are awarded on the following basis: First place winners by class (\$50), second place (\$40), third place (\$30), Best of Show (\$100). Winners must be present at Closing Convocation to receive cash prizes.

GENERAL RULES

- Only registered Institute participants may enter.
- Judges and stewards are excluded from competition.
- Institute reserves the right to limit the number of entries on a first-come, first-admitted basis.
- There are thirteen show classes: (1) extracted honey light, (2) amber, (3) dark, (4) chunk honey, (5) black jar, (6) cut-comb, (7) creamed honey, (8) mead, (9) beeswax cake (a single molded piece of two pounds or more), (10) candle (poured or dipped, straight or ornamental), (11) original bee-related photography, (12) original bee-related art, and (13) beekeeping gadgets. Contestant may enter in any or all classes but may enter only once per class. The same honey cannot be entered in both the black jar class and another extracted honey class.
- All honey and beeswax entries must have been produced by the submitter and within the last 12 months. This restriction does not apply to entries in mead, photography, art, and gadgets.
- All entries for honey and candles must be submitted in triplicate: i.e., three matching jars of honey, three boxes of cut-comb, or three candles.
- Submit extracted honey in standard one-pound queenline jars; either plastic or glass is acceptable.
- Submit chunk honey in standard one-pound chunk honey jars with wide mouths and straight sides. Insert only one piece of comb in jar.
- The sole criterion in the black jar class is flavor. Your three-jar entry will be placed into black jars by staff.
- Beeswax entries must be pure beeswax.
- Art and photography must be presented in a self-standing frame, and each accompanied with a 3 x 5 card giving the title, artist, and brief “story” behind the piece.
- Do not label products in any way; an identifying code sticker will be assigned to your entry at registration.
- All entries must be submitted by 12:00 noon, Friday, May 18.
- Judging criteria are selected at the discretion of Judge, and decision of Judge is final.

LODGING

Excellent lodging is available at motels in Young Harris, Hiawassee, and Blairsville. **Please contact directly one of the numbers listed below to make your reservations.**

Young Harris Motel, Young Harris (706) 379-3136

Brasstown Valley Crowne Plaza Resort, Young Harris (706) 379-9900

Fieldstone Inn, Hiawassee (706) 896-2262

Lake Chatuge Lodge, Hiawassee (706) 896-5253

Holiday Inn Express, Hiawassee (706) 896-8884

Holiday Inn Express, Blairsville (706) 745-6844

Seasons Inn, Blairsville (706) 745-1631

Best Western Inn, Blairsville (706) 745-6995

Chamber of Commerce (can give listings for cabins, bed & breakfasts, etc.) (800) 984-1543

MEALS are available at the Young Harris College cafeteria for \$5.00-7.00 per person, payable at the door; cafeteria serves breakfast, lunch, and dinner. It opens Friday morning and closes Saturday evening. Students are also free to visit local restaurants.

MAP TO YOUNG HARRIS

