Young Harris College, Young Harris, Georgia

Young Harris College and the University of Georgia are offering the twentieth annual Beekeeping Institute, May 12-14, 2011. Since its beginning in 1992, the Institute has grown to become one of the largest and most comprehensive beekeeping educational events in the Southeast.

Classes are offered for beekeepers at all levels of experience, from beginner to advanced. The Institute sponsors the Georgia Master Beekeeper Program and partners with the Welsh (U.K.) National Bee Keepers Association to provide North America’s first licensing program for honey judges.

The Institute proper, Friday and Saturday, is a two-day series of lectures and workshops covering a range of beekeeping topics. 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. Pre-registration deadline is April 29.

Thursday May 12 is dedicated to training and certification examinations for the Master Beekeeper Journeyman, Master, and Master Craftsman levels as well as the Welsh Honey Judge qualifications. Training and certification for the Certified (entry) level are incorporated into the normal activities for Friday and Saturday, and classes recommended for Certified candidates are highlighted in blue. Details for these optional programs are included in this brochure.

One of the most rewarding opportunities of the Institute is the annual Honey Show. Along with honey, the Honey Show accepts entries in photography, art, candles, section comb honey, mead, and beekeeping gadgets. We urge students to participate in the Institute Honey Show, even if you’ve never competed before. It costs nothing extra, and it’s a fun way to see how your honey compares to your peers’.

An open demonstration room will be available Friday and Saturday with various aspects of bee biology on display.

We look forward to seeing you at the 2011 Beekeeping Institute!
Thursday, May 12
is dedicated for those wishing to qualify for the Journeyman, Master, Master Craftsman, or Welsh Honey Judge certifications. Time will be available on a first-come first-served basis for candidates for the Certified grade to come a day early and practice basic beekeeping skills with an instructor. Master Craftsman audits and exam times by advance appointment.

About the Master Beekeeper Program
In 2011 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 normal program on Friday and Saturday; the higher levels are covered on Thursday. Applicants to any level must mark their intention on the registration form and pay the appropriate fees. Payment of fee does not guarantee a passing grade. Questions about the program may be addressed to GMBP director Robert Brewer at (706) 896-2024. Aspirants to all grades must meet advance requirements detailed at http://www.ent.uga.edu/bees/master-beekeeper/index.html. Applicants at the Certified (entry) level must have had beekeeping experience prior to the Institute. Exam questions are drawn from Institute lectures, lecture notes on the website, as well as other sources publicly available. It is understood that applicants will bring to the exam a degree of independent and prior knowledge. The official reference text for the program is the 2007 edition of First Lessons in Beekeeping, Dadant & Sons.

About the Welsh Honey Judge 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 first 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 YHC steward (judge's assistant), (3) documented experience as a YHC honey show judge, and (4) successful completion of the oral examination. For most aspirants this sequence requires two 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 standards of professionalism implied by the certification. Questions about the program may be addressed to Robert Brewer at (706) 896-2024.

Please do not ask Institute instructors for copies of their digital presentations. There are many copyright and intellectual property difficulties.
Friday, May 13 sections in blue recommended for Certified candidates

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
<th>Department(s)</th>
<th>Hour(s)</th>
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<tbody>
<tr>
<td>7:00</td>
<td>registration opens in Maxwell lobby</td>
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<td>8:00-8:45</td>
<td>Honey bee biogeography, 108 Delaney</td>
<td>Biology, 106 Delaplane</td>
<td>Diseases I, 116 Berry</td>
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<td>Varroa control in Europe, 113</td>
<td>Le Conte</td>
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<td>Africanized honey bees, 109</td>
<td>Hayes</td>
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<td>10:00-10:45</td>
<td>Alternative queen rearing, 110 Montgomery</td>
<td>Biology, 106 Delaplane</td>
<td>Diseases I, 116 Berry</td>
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<td>Advanced honey processing, 109</td>
<td>Binnie</td>
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<td>11:00-11:45</td>
<td>Alternative queen rearing, 110 Montgomery</td>
<td>Hive products, 108 Brewer</td>
<td>Diseases II, 116 Berry</td>
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<td>Getting started, behind Maxwell</td>
<td>Bee</td>
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<td>Advanced honey processing, 109</td>
<td>Binnie</td>
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<tr>
<td>11:45</td>
<td>lunch, honey show entries due in room 107</td>
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<tr>
<td>1:00-1:45</td>
<td>Bee sex determination, 106 Delaney</td>
<td>Low-tech beekeeping, 108 Tillman</td>
<td>Diseases II, 116 Berry</td>
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<td>Basic honey processing, 114</td>
<td>Owens</td>
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<td>2:00-2:45</td>
<td>Bee sex determination, 106 Delaney</td>
<td>Low-tech beekeeping, 108 Tillman</td>
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<td>2:45</td>
<td>break</td>
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<td>3:00-3:45</td>
<td>Honey Plants, 109 Fielder</td>
<td>Trends in bee mortality, 108</td>
<td>Varroa and Apis in Asia, 113</td>
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<td>Hayes</td>
<td>Le Conte</td>
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<td>Honey bee anatomy, 117</td>
<td>Taylor, Ogundipe</td>
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<td>Basic honey processing, 114</td>
<td>Owens</td>
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<tr>
<td>4:00-4:45</td>
<td>Honey Plants, 109 Fielder</td>
<td>Trends in bee mortality, 108</td>
<td>Varroa and Apis in Asia, 113</td>
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<td>Honey bee anatomy, 117</td>
<td>Taylor, Ogundipe</td>
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<td>5:00-6:00</td>
<td>Certified written exam (same exam, two rooms), 116 Taylor</td>
<td>Certified written exam (same exam, two rooms), 113 Ogundipe</td>
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<td>6:30</td>
<td>Group dinner, announce newly-qualified Journeymen, Master Beekeepers, and Honey Show winners (included in registration)</td>
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<td>Wax rendering, 114 Bee</td>
<td>Certified practical exam*, 110</td>
<td>Genetic resistance to Varroa, 113 Le Conte</td>
<td>Good neighbor policy, 108 Hayes</td>
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<td>Honey bee nutrition, 106 Berry</td>
<td>Certified practical exam*, 110</td>
<td>Queen rearing, 113 Delaney</td>
<td>Hive products, 108 Brewer</td>
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<td>1:00-1:45</td>
<td>Pollen analysis of honey, 109 Arnold</td>
<td>Advanced honey processing, 113 Binnie</td>
<td>Low-tech beekeeping, 106 Tillman</td>
<td>Equipment construction, 108 Funderburg</td>
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<td>3:00-3:45</td>
<td>Pollen analysis of honey, 109 Arnold</td>
<td>Uses of sperm cryopreservation, 113 Taylor</td>
<td>Equipment construction, 108 Funderburg</td>
<td>Year-round management, behind Maxwell Fielder</td>
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<tr>
<td>4:00</td>
<td>Announce newly-qualified Certified Beekeepers and adjourn, Planetarium</td>
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Honey Show Rules

- Only registered Institute participants may enter.
- Judges, stewards, and show secretary are disqualified from competition.
- Institute reserves the right to limit the number of entries on a first-come, first-admitted basis.
- There are fourteen 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) flavored mead, (10) beeswax cake (a single molded piece of two pounds or more), (11) candle (poured or dipped, straight or ornamental), (12) original bee-related photography, (13) original bee-related art, and (14) beekeeping gadgets. Contestant may enter in any or all classes but may enter only once per 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. The only exemption is black jar; one is enough.
- Submit extracted honey in standard one-pound Gamber or queenline-type jars. Either plastic or glass is acceptable; jars with tamper-proof seals will be disqualified.
- Submit chunk honey in standard one-pound chunk honey jars with wide mouths and straight sides. Insert only one piece of comb in jar.
- Submit mead in clear 750 ml bottles.
- The sole criterion in the black jar class is flavor. Your entry will be placed into a black jar 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.
- Entries will be accepted until 11:45 AM Friday.
- Judging criteria are selected at the discretion of chief judge. All entries are judged on individual merit; class ribbons are awarded at judge’s discretion.
Institute staff and instructors

**Dr. Paul Arnold** is Professor of Biology and Dean of the Division of Mathematics and Science at Young Harris College. Paul is co-founder and host of the Beekeeping Institute.

**Cindy Bee** is a Georgia Master Beekeeper and active member of the Metro Atlanta and Georgia Beekeepers Associations.

**Jennifer Berry** is Apicultural Research Coordinator and Apiary Manager at the University of Georgia.

**Bob Binnie** is past-president of the Georgia Beekeepers Association and commercial honey producer and packer from Rabun County, Georgia.

**Robert Brewer** is Towns County Extension Director with the University of Georgia Cooperative Extension Service and co-founder of the Beekeeping Institute.

**Dr. Debbie Delaney** is Assistant Professor in the Department of Entomology and Wildlife Ecology at the University of Delaware.

**Dr. Keith Delaplane** is Professor of Entomology at the University of Georgia and co-founder of the Beekeeping Institute.

**Keith Fielder** is Putnam County Extension Director with the University of Georgia Cooperative Extension Service.

**Lonnie Funderburg** is a Georgia Master Beekeeper and 2-term president of the Alabama Beekeepers Association.

**Jerry Hayes** is Chief of Apiary Inspections at the Florida Department of Agriculture and Consumer Services.

**Jim Kenaston** is Program Administrator for the National Managed Pollinator CAP team and housed at the UGA Honey Bee Lab.

**Dr. Yves Le Conte** is director of honey bee research at the INRA-Université d'Avignon et des Pays de Vaucluse Joint Research Unit for Bees and the Environment, Avignon, France.

**Wil Montgomery** is a Georgia Master Beekeeper and long-time supporter of the YHC Institute.

**Victor Ogundipe** is a MS student in the Entomology Department at UGA and holds a MA in Sociology from Georgia State University.

**Bill Owens** is past-president of the Georgia Beekeeper Association and currently Georgia’s only Master Craftsman beekeeper.

**Megan Taylor** hails from Ontario Canada where she finished her MS degree at the University of Guelph. She is pursuing her PhD at the University of Georgia.

**Linda Tillman** is a Georgia Master Beekeeper and host of the popular blog, Linda’s Bees at [www.beekeeperlinda.com](http://www.beekeeperlinda.com).