

2011 PLANT CAMP Schedule

For emergencies contact: Amy Richard (coordinator) 352.219.1712 • caip-education@ufl.edu

DATES: June 12-16, 2011 (**Note:** Participants arrive on Sunday afternoon -- June 12)

PURPOSE: (1) To provide teachers with expanded content knowledge and laboratory/field experience in the area of aquatic and upland plant biology and ecology, with special emphasis on invasive plants. Participants will learn about and experience, first-hand, the impacts invasive plants are having on Florida's economy and ecology. (2) To inspire teachers to share their knowledge with students and colleagues. (3) Participants will also learn new investigative techniques and instructional methods for teaching about aquatic and upland plants. Professional development points provided upon completion.

LODGING: Cabot Lodge* / Gainesville FL (2 teachers per room)
(A table will be set up in the lobby for check-in)

*Cabot Lodge • 3726 SW 40th Blvd
Gainesville, FL 32608 • (352)
375-2400 • www.cabotlodge.com

Rooms are not available for check-in until 4 PM

TO WEAR: (Monday-Wednesday) Despite the heat, we recommend lightweight slacks and a long-sleeve shirt to prevent bug bites, sunburn, and scratches. A hat is strongly recommended along with socks and comfortable shoes. **Note:** Be prepared for mosquitoes at field sites.

MISC: Starting times vary each morning, so please refer to agenda below. Also, a camera and binoculars are recommended for documenting your adventures. **Snacks and drinks will be provided.** (If you need specific types of snacks, please bring them.)

June 12 (Sunday) Welcome Session – An Introduction to Invasive Plants

- 4:00 p – 4:30 p Participants arrive and check in
- 4:30 p – 7:30 p Cabot Lodge Conference Room
Education Initiative Welcome, ice-breaker activities (20 minutes), pre-test, agenda, notebooks, information and materials. View *Silent Invaders* with Guiding Questions
 - Controlling invasive upland plants; taking care of native plants -- Greg Jubinsky/ FWC
 - Introduction to EDDMaps and Equipment Demo -- Karan Rawlins – University of Georgia
- 7:30 p – 8:00p Evening Social: Refreshments and Dinner (courtesy of PLANT CAMP sponsors)

June 13 (Monday) Upland Plant Field Trip and Investigations

- 6:30 a – 7:55 a Complimentary Continental Breakfast Buffet
- 8:00 a – 8:20 a **FIELD TRIP:** Vans leave at 8 am sharp.
- 8:30 a – 9:30 a **Location 1:** Chinese tallow and climbing fern infestations at Paynes Prairie
TEAM A Controlling Upland Invasive Plants -- Greg Jubinsky (FWC) /Jim Weimer (DEP)
TEAM B Mapping Invasive Plants in the Field with GPS -- Karan Rawlins/University of Georgia
- 9:30 a – 9:40 a Meet by cottage / Bathroom Break / Switch Teams
- 9:40 a – 10:40 a Teams A & B switch activities
- 10:30 a – 10:45 a Travel to Location 2: tuberous sword fern and air potato infestation
- 10:45 a – 11:25 a **Location 2 (Audubon Site): TEAM A** with Greg Jubinsky **Team B** with Mike Meisenburg
- 11:25 a – 11:45 a To Afternoon Location: Kanapaha Botanical Gardens
- 11:45 a – 12:15 p Self-led tour of garden (i.e., North side: Rose, Butterfly, Water, Children's Gardens)
- 12:15 p – 12:45 p Box lunch provided – Courtesy of PLANT CAMP sponsors
- 12:45 p – 2:30 p Plant Identification/Morphometry Lab -- David Hall, Forensic Botanist
- 2:15 p – 2:30 p Teachers practice 2 plant ID activities (on their own)
- 2:30 p – 2:45 p BREAK
- 2:45 p – 3:15 p Reading Activities: Native -- Non-Native -- Invasive Plants (Amy Richard and Kitty Lane)
- 3:15 p – 4:30 p Hands-on EDD Maps Data Entry Demonstration -- Karan Rawlins
- 4:30 p – 5:00 p Return to Cabot Lodge
- 5:30 p – 7:30 p Evening Social (followed by dinner on your own, at your leisure)



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June 14 (Tuesday) Why Do We Need to Manage Invasive Plants? (UF/IFAS Center for Aquatic & Invasive Plants)

- 6:30 a – 7:45 a Complimentary Continental Breakfast Buffet
- 7:45 a – 8:15 a To CAIP (transportation provided - vans)
- 8:15 a – 8:30 a Facility Orientation
- 8:30 a – 9:45 a Pond-side Aquatic Plant Identification -- David Hall, Forensic Botanist
- 9:45 a – 10:00 a 15 minute Break
- 10:00 a – 10:45 a **TEAM A / TEAM B** (45 min each): Hands-on pond ecology with Sharon Fitz-Coy
- 10:45 a -- 11:30 a Biocontrol insect scavenger hunt with Jim Cuda
- 11:30 a – 11:45 a BREAK – Clean Up
- 11:45 a – 12:15 a Controlling invasive aquatic plants; taking care of native plants -- Jeff Schardt / FWC
- 12:15 p – 1:00 p Box lunch -- Courtesy of PLANT CAMP sponsors
- 1:00 p – 1:20 p View *Why Manage Invasive Plants?* w/guiding questions
- 1:20 p – 2:00 p History of Plant Management, Herbicides and Other Anecdotes -- Bill Haller (UF/IFAS CAIP)
- 2:00 p – 2:15 p Guest Speaker -- TBA
- 2:15 p – 2:30 p 15 minute BREAK
- 2:30 p – 2:45 p Reading Activities: Emerged, Submersed, Floating and Floating-Leaved Plants (Amy Richard-Kitty Lane)
- 2:45 p – 3:35 p Connecting Plants and Pond Life – with Sharon Fitz-Coy
- 3:45 p – 4:05 p Plant ID Challenge
- 4:10 p – 4: 40 p View *A Fish Tale* w/guiding questions, Invasive Plant PSAs (Amy Richard and Kate Wilson)
- 4:40 p – 5:00 p Return to Cabot Lodge
- 5:30 p – 7:30 p Evening Social (followed by dinner on your own, at your leisure)

June 15 (Wednesday) Aquatic Plant Field Trip and Investigations

- 6:30 a – 6:50 a Complimentary Continental Breakfast Buffet
- 6:50 a – 7:00 a Load 'em up! Bus leaves at 7:00 sharp
- 7:00 a – 9:00 a Travel to Lake Toho (Kissimmee)
Curricula Activities:
Freshwater Plant Flash Card Activity (Amy Richard and Kitty Lane)
Lakeville – Session 2 (An introduction to Citizen and Critter Roles)
Overview of Lake Toho field trip (Jeff Schardt)
- 9:15 a – 9:30 a Arrive at boat ramp and load the boats
- 9:30 a – 11:00 a Head out! Aquatic field trip on Lake Toho
- 11:00 a – 11:15 a Break
- 11:15 a – 11:45 a Hydrilla Game – Tracking the Journey of an Incredibly Invasive Plant (Kitty Lane)
- 11:50 a – 12:00 p Back on the bus
- 12:00 p – 12:15 p Travel: To Osceola County Extension Office
- 12:15 p – 1:00 p Lunch -- Courtesy of PLANT CAMP sponsors
- 1:00 p – 3:30 p Invasive Plant Video Challenge -- Phil Chiochio, Ringling College of Art and Design
- 3:30 p – 3:55 p Clean up and load the bus
- 4:00 p – 6:00 p Travel to Gainesville: curricula activities
- 6:30 p – 7:30 p Evening Social (dinner on your own, at your leisure)
- 7:30 p OPTIONAL ~ PLANT CAMP Tradition: group trip to Satchels Pizza



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June 16 (Thursday) Wrap Up and Invasive Plant Film Festival

- 6:30 a – 7:30 a Complimentary Continental Breakfast Buffet
- 7:30 a – 8:15 a Hotel checkout (**IMPORTANT: Please follow schedule so we can concentrate on the program.**)
- 8:15 a – 8:30 a Morning Announcements
- 8:30 a – 10:00 a Introduction and Participation in *Lakeville: A Florida Freshwater Ecosystem Management Game*
- 10:00 a – 10:30 a Post-test and collection of evaluations
- 10:30 a – 11:00 a Wrap Up and Round Robin: How will you use this information?
- 11:00 a – 11:30 a Invasive Plant Film Festival
- 11:30 a – 12:00 p Graduation Ceremony (photos); materials to teachers

IMPORTANT

If you need to cancel, for any reason, please do so as soon as possible. Also, please plan to attend the entire workshop. We can only provide in-service points and materials to participants who are here the entire time.

Note: For Professional Development Credit, participants will be given 1 hour of homework during the week, reviewing and evaluating teacher resource materials and workshop activities.

A few more details

- **Hotel accommodations** are reserved and the cost is covered for **June 12-16** (checkout on the 16th). You will be responsible for any other incidental charges (room service, movies, etc.).
IMPORTANT: The hotel requires all guests to provide a credit card number for incidental charges. This is a hotel policy and we can't change it. Thank you for your cooperation.
- **Meals:** You will be responsible for dinner on Monday (June 13), Tuesday (June 14), and Wednesday (June 15). All other meals are provided thanks to our sponsors.
- **Transportation** to field trip locations will be provided; you will be responsible for transportation to and from Gainesville. Contact information will be provided before the workshop, should you want to carpool.
- **ATTENTION!** We strongly recommend you wear a lightweight long-sleeve shirt and long slacks on Mon., Tues. and Wed. to protect from bugs, poison ivy, and critters we may encounter in the field.
- **We recommend you bring the following items:**
 - Hat / sunscreen
 - Backpack for field trips
 - Camera / binoculars
 - Laptop computer if you have it...
 - Handkerchief for wiping your brow!
 - In-service paperwork (if needed by school district)
 - Insect repellent
 - Long-sleeve shirt for field trips
 - Loose-fitting comfortable pants for field trips
 - Socks / old shoes for field trips
 - Swimsuit for the hotel pool
 - Lots of energy!

