



North East Region Update

Below are FMNP classes and other interesting opportunities and events coming up in your area. The inclusion of any non-FMNP event does not necessarily constitute an endorsement by the FMNP or University of Florida IFAS. Please consult the announcements below for contact information to get details about events and FMNP classes. Please DO NOT REPLY to this message. Contact and Unsubscribe links are at the bottom of the newsletter.

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1. Duval County Freshwater Wetlands Class

March 15 - April 2, 2011
 Registration closes March 7, 2011
 (Course Code: fw11-07)



Facility Information

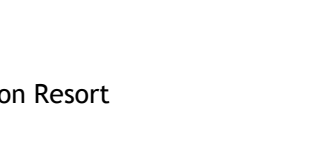
University of North Florida: Building TBA
 1 UNF Blvd, Jacksonville, 32224

Instructor Information

Carol Wyninger and Brad Burbaugh
 Organization: Duval County Cooperative Extension Service
 Phone: 904-220-0232 and 904-387-8850
 Email: wyninger@comcast.net and burbaugh@coj.net

2. Nassau County Upland Habitats Class

March 21, - April 18, 2011
 Registration closes March 14, 2011
 (Course Code: uh11-13)



Facility Information

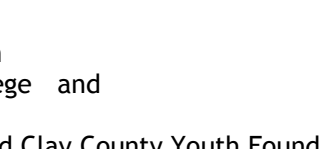
Nassau County Extension (Yulee Office): Fire Station
 86026 Pages Dairy Road, Yulee, FL 32097

Instructor Information

Steven Gaul and Christina Nelson
 Organizations: Nassau County Extension and Omni Amelia Island Plantation Resort
 Phone: 904-879-1019 (Steve)
 Email: sgaul@ufl.edu

3. Clay County Upland Habitats Class

April 21, - June 2, 2011
 Registration closes April 14, 2011
 (Course Code: uh11-03)



Facility Information

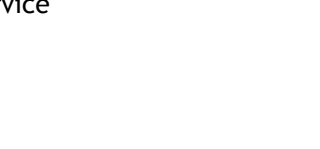
UF/IFAS Clay County Extension Office: Exhibit Building
 2463 St. Rd. 16 W., Green Cove Springs, FL 32043-4818

Instructor Information

Raymond H. Zerba Jr., Agent IV - Horticulture UF/IFAS Clay Co. Extension
 Assistants: Lynn Lisenby, Professor of Biology (Retired) Florida State College and Beth Smith, FDACS, Division of Forestry, Administrative Assistant
 Organization: University of Florida, IFAS Extension, Clay County Office and Clay County Youth Foundation
 Phone: 904-284-6355
 Email: rzerba@ufl.edu

4. Duval County Coastal Systems Class

June 9 - 30, 2011
 Registration closes June 1, 2011
 (Course Code: cs11-14)



Facility Information

University of North Florida: Building TBA
 1 UNF Blvd, Jacksonville, 32224

Instructor Information

Carol Wyninger & Brad Burbaugh, Duval County Cooperative Extension Service
 Edward Leonard, FWCC
 Assistants: Chris Kelley & Danny Lippi, Ripple Effect Ecotours
 Phone: 904-220-0232 and 904-387-8850
 Email: wyninger@comcast.net and burbaugh@coj.net

5. Nassau County Coastal Systems Class

October 31 - November 21, 2011
 Registration closes October 23, 2011
 (Course Code: cs11-09)



Facility Information

Nassau County Extension (Yulee Office): Fire Station
 86026 Pages Dairy Road, Yulee, FL 32097

Instructor Information

Steven Gaul, Nassau County Extension
 Christina Nelson, Omni Amelia Island Plantation Resort
 Phone: 904-879-1019 (Steve)
 Email: sgaul@ufl.edu

6. River Day at Riverside Arts Market

River Day at RAM

WHERE: Saturday, March 12, 2011 10am–4pm
 WHEN: Jacksonville on the Riverwalk under the canopy of the Fuller Warren Bridge
 MORE INFO: riversideartsmarket.com

Celebrate the St. Johns River with at the Riverside Arts Market. There will be boat trips from the new dock, educational activities, rain barrel art competition, river performances from Cathedral Arts Project, river related vendors, and more!!

7. Plein Air Painting Event at Jacksonville Arboretum

A Brush With Nature

WHERE: Jacksonville Arboretum & Gardens
 WHEN: April 7 - 9, 2011
 MORE INFO: 904-641-1009 or visit www.abrushwithnature.org.

This FREE event is your chance to see painters at work capturing the beauty of the Arboretum on canvas. Music and food on Saturday!

8. FMNP Special Topics Modules

New Learning Opportunities with Special Topics Modules

FMNP is launching Special Topics courses! These 24-contact hour courses are designed to provide more detailed information and hands-on skills in subject areas that compliment FMNP Core Modules. These courses are open to everyone (18+ yr.). You do not need to be an FMNP graduate to participate.

The first two of four new courses were launched in 2010. *Conservation Science* and *Environmental Interpretation* are now being offered by instructors around the state. *Conservation Science* is designed to provide participants with a better understanding of the complexities of conservation, making them better educators and participants in local conservation efforts. *Environmental Interpretation* will help participants become more effective environmental interpreters and educators as they learn how to create themes, develop interpretive displays, and practice interpretive techniques.

Two new courses will be launched this spring. *Habitat Evaluation* will give participants a better understanding of the concepts and techniques used for assessing the quality of wildlife habitat. Students will learn the importance of various types of habitat assessment methods and the vital role these activities play in conserving biodiversity and managing healthy wildlife populations. *Wildlife Monitoring* is designed to educate students in the principals and methods of designing and conducting monitoring programs. Participants will develop an understanding of the importance of appropriate data collection strategies in wildlife monitoring programs and will be introduced to the methods used.

Contact an instructor near you to inquire about their Special Topics schedule. Find an instructor on our website, www.MasterNaturalist.org, at the Training Locations link.

** Instructors: If you haven't received an invitation to attend a Special Topics training session please contact us.

9. FMNP Grads to Action

Internship - Everglades Preservation & Restoration

LOCATION: West Palm Beach
 DURATION: May 20 - August 5, 2011
 TO APPLY: [Arthur R. Marshall Foundation](http://www.arthurmarshall.org)

The internship program is for undergraduate and graduate students with top grades in the environmental sciences. The intensive, 11 week internship is focused on the Florida Everglades and the multi-billion dollar plan to preserve and restore this vital ecosystem. Mentored by top-level professionals and decision-makers, interns are involved in hands-on projects and educational activities. The internship includes a \$2,000 stipend in five \$400 increments.

Application deadline: March 21, 2011
 Successful applicants will be notified by April 15, 2011

Internship - Environmental Education Amelia Island Plantation

LOCATION: Amelia Island Plantation Resort, Amelia Island, FL
 DURATION: May 9–August 27 or May 16–September 5
 TO APPLY: <http://omni.hospitalityonline.com/jobs/144366/>

The intern will assist with providing programs that increase understanding and knowledge of the natural environment. Provide consultation for associates in which nature directly affects the work environment such as Golf Course Maintenance, Recreation, etc. The Nature Center offers a variety of scheduled and private tours as well as programs within the Kids' Camp and works closely with local animal sanctuaries in animal rescues on property. Interns will also be responsible for the daily care and maintenance of the animals in the Nature Center

Job Opportunity - Seasonal Nature Aid Amelia Island Plantation

LOCATION: Amelia Island Plantation Resort, Amelia Island, FL
 DURATION: Seasonal
 TO APPLY: <http://www.hospitalityonline.com/jobs/147415?source=ef>

Omni Amelia Island Plantation is seeking a Nature Aid. This person will be responsible for assisting with programs that increase the knowledge and understanding of the natural environment. This person is also responsible for the daily care of the animals in the nature center.

Job Opportunity - St. Johns River Alliance

LOCATION: Jacksonville
 DURATION: Part Time
 TO APPLY: Send Resume to MARIADMARK@GMAIL.COM

The St. Johns River Alliance is looking for two part-time people (with the possibility of going full-time) to fill an administrative position and program manager position. Below are the major (but not completely inclusive) job duties for each position. Each position would require approx. 20 hours per week.

Administrator - \$15/hour

- MUST BE a self-starter, require little or no supervision
- MUST BE organized and able to work on several projects on an ongoing basis
- Bookkeeping knowledge (payroll exp. helpful)
- Scheduling coordination
- Board meeting preparation experience
- Versatile communication skills (ability to interact w/ govt officials, ie., city commissioners, council people, legislators and general public)
- Website/blog/social media experience

Program Manager - \$20/hour

- MUST BE a self-starter, require little or no supervision
- MUST BE organized and able to work on several projects on an ongoing basis
- Marketing/PR experience a plus
- Limited travel required
- Attend river-related and community events promoting SJRA and specialty license plate
- Environmental non-profit experience a plus
- Versatile communication skills (ability to interact w/ govt officials, ie., city commissioners, council people, legislators and general public)
- Website/blog/social media experience
- Provide project management for St. Johns River activities, including: license plate marketing, ecotourism trails and blueways, legislative plans, and grant program development.
- Research program & policy initiatives; generate reports with research findings.
- Build relationships with other water conservation research groups.

Volunteer - Jacksonville River Celebration Day Clean Up

WHERE: Various Locations
 WHEN: March 19, 2011 9am–11am
 MORE INFO: www.coj.net

Roll up your sleeves and pick the site closest to you! There are many sites city-wide, so join in the fun. There will be an after party with lunch at the Riverside Arts Market!

Volunteer - Bird & Wildlife Survey

WHERE: Gamble Rogers Memorial State Recreation Area—North Peninsula State Park
 WHEN: March 27, 2011 8am–11am
 MORE INFO: Contact Lauren Swanson 386-517-2086 or Lauren.Swanson@dep.state.fl.us

Come help the park look for and count wildlife - no experience necessary!

10. Instructors' Corner

Economic Impacts of Outdoor Recreation & Seafood Industry

Getting outdoors is a natural fit for most FMNP instructors and grads. Florida's moderate climate and diverse ecosystems provide plenty of opportunities for outdoor recreation all year round. Participating in outdoor recreational activities is more than big fun for you, it's also big money for Florida. The Florida Fish and Wildlife Conservation Commission's report provides some very interesting and useful information about the financial impacts of outdoor recreation activities various aspects of Florida's seafood industry. Many thanks to Rosalyn Kilcollins for providing this information.

ECONOMICS OF FISH AND WILDLIFE RECREATION SEAFOOD INDUSTRY and BOATING

Florida Fish and Wildlife Conservation Commission
Estimates Through October 2010

Category	Retail Sales	State & Local Taxes	Economic Impact	Jobs
Hunting	\$431,901,310	\$47,559,433	\$754,058,076	10,673
Freshwater Fishing	\$1,484,042,126	\$138,818,820	\$2,541,264,704	24,800
Saltwater Fishing	\$3,339,190,242	\$334,022,284	\$5,498,613,595	54,508
Wildlife Viewing	\$3,339,190,242	\$339,102,888	\$5,587,786,560	51,367
Total	\$8,471,793,166	\$859,413,425	\$14,481,722,935	141,348

Category	Economic Impact	Jobs
Boating Industry	\$16.8 Billion	202,743

2008 Economic Impacts of the Florida Seafood Industry

Category	Sales	Jobs
Commercial Harvesters	\$171,385,000	2,978
Seafood Processors and Dealers	\$423,923,000	3,955
Seafood Wholesalers and Distributors	\$1,272,539,000	11,736
Retail Sector	\$3,789,399,000	90,025
Total Impacts	\$5,657,246,000	108,695

NOTE: The retail sales data for fishing, hunting, and wildlife viewing are derived from the **U.S. Fish and Wildlife Service; 2006 National Survey of Fishing, Hunting and Wildlife-Associated Recreation**. Economic impact data are derived from the **American Sportfishing Association; Sportfishing in America, An Economic Engine and Conservation Powerhouse; Association of Fish and Wildlife Agencies; Hunting in America. An Economic Engine and Conservation Powerhouse by Southwick and Associates;** and **Southwick and Associates; The 2006 Economic Benefits of Wildlife Viewing in Florida**. Estimates for the boating industry are derived from the **Marine Industries Association of Florida; Florida's Recreational Marine Industry – Relative Growth and Economic Impact 2005 – 2008**. Estimates for the seafood industry are derived from the **National Oceanic Atmospheric Administration (NOAA), Fisheries, Office of Science and Technology; Fisheries Economics of the United States (2008)**, for which data are most recently available. The baseline for the economic impact data for hunting, fishing and wildlife viewing are for 2006. Estimates for 2010 are adjusted to the Consumer Price Index (CPI) through October 2010. The exception to this rule is for the estimates for the Marine Industry (boating) and Florida Seafood Industry. Estimates for the Marine Industry (boating) and the Florida Seafood Industry are through 2008. Additional updates for these industries are not recommended because of the dynamics of the economy after 2008 and the lack of current baseline data.

Limitations of the Data:

1. The sample frame for Hunting is limited to 57 observations statewide.
2. Participant values (number of individuals participating in a particular activity) are tied to the formulas used to calculate the economic analysis for hunting, fishing and wildlife viewing and reflect a baseline year of 2006.
3. Consumer behavior is not static. It is simply impossible (without conducting a major statewide study every year) to accurately predict consumer behavior. For instance, are consumers spending more or less and are consumers participating more or less in hunting, fishing and wildlife viewing activities. Therefore, it is reasonable to assume there is a measure of variability within the range of economic estimates provided for this analysis.
4. Economic impact estimates for the Florida Seafood Industry historically demonstrate variability from year to year.

