



# Plant Science Day



**Wednesday, August 5<sup>th</sup>, 2015 • 10<sup>AM</sup>-4<sup>PM</sup>**

**— Free Admission —**

# OPEN HOUSE

**THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION**  
LOCKWOOD FARM, EVERGREEN AND KENWOOD AVENUES, HAMDEN

**THE SAMUEL W. JOHNSON LECTURE • PRESENTATIONS ON RESEARCH • BARN EXHIBITS • PESTICIDE CREDITS  
FIELD EXPERIMENTS • TECHNICAL DEMONSTRATIONS • CENTURY FARM AWARD • PASSPORT FOR CHILDREN**

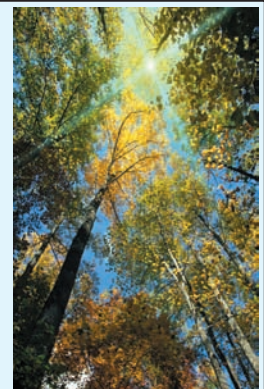


**Eric Hammerling**  
Executive Director,  
CT Forest & Park Assoc.

### THE SAMUEL W. JOHNSON MEMORIAL LECTURE

*Protecting Forests in Connecticut for the Future - How are we doing? What will it take?*

Eric has been CFPA's Executive Director since May, 2008 and comes to CFPA after serving for over five years as the Executive Director for the Farmington River Watershed Association based in Simsbury. Eric holds an M.S. in Environmental Science/Range Management from U.C. Berkeley, and a B.A. in History from the University of Michigan in Ann Arbor. Eric is the lead advocate for CFPA at the state legislature where he works primarily on forestry, recreation, education, and trail-related issues (such as keeping ATVs from despoiling state lands). Eric led CFPA's efforts to secure recreational liability reform to encourage municipal entities to open their lands for recreation, as well as helped protect 14,000 acres of forests in the 10-Mill program by easing tax burdens on landowners. Most recently, Eric has been working to spur a Constitutional Amendment that would protect State Parks, Forests, and Wildlife Management Areas from being given away by the Legislature. Through his previous work at the Farmington River Watershed Association, Eric spearheaded the ongoing effort to conduct a Congressionally-authorized Feasibility Study to evaluate whether the Lower Farmington River and Salmon Brook should be added to the National Wild & Scenic Rivers System (a distinction recently achieved in CT by the Eightmile River). In his 25-year conservation career, Eric has also worked for the National Fish and Wildlife Foundation on both coasts, the Center for Ecological Technology in Northampton, and for the late Congressman Silvio O. Conte who represented Western Massachusetts. Eric currently serves on the Board of the Friends of CT State Parks and Connwood Foresters, Inc. He is also on the Steering Committee for the Working Lands Alliance and the Connecticut Land Conservation Council. Eric was named as the Chair of the State Vegetation Management Task Force by the Department of Energy & Environmental Protection in April, 2012. If not hiking a Blue-Blazed Hiking Trail or cheering for the Michigan Wolverines football squad, Eric and his son will likely be found kayaking on the flatwater rivers and lakes of Connecticut.



**New Haven (203) 974-8500; Toll-free statewide (877) 855-2237 • [www.ct.gov/caes](http://www.ct.gov/caes)**

*The Experiment Station is a state-supported scientific research institution where theory and practice have marched together to improve the well-being of Connecticut.*

**DIRECTIONS: FROM INTERSTATE 91 TRAVELING NORTH:** Take Exit 10. Follow the Route 40 connector for 3.1 miles. Turn right onto Whitney Avenue (Route 10) and go north for 0.6 miles. Turn left onto Evergreen Avenue at the traffic light; go 0.1 mile and turn right onto Kenwood Avenue. The farm is on the left; enter the 2nd driveway.

**TRAVELING SOUTH:** Take Exit 10. Follow the Route 40 connector for 3.0 miles. Turn right onto Whitney Avenue (Route 10) and go north for 0.6 miles. Turn left onto Evergreen Avenue at the traffic light; go 0.1 mile and turn right onto Kenwood Avenue. The farm is on the left; enter the 2nd driveway.



# The 105<sup>th</sup> *Plant Science Day*

**WEDNESDAY, AUGUST 5<sup>th</sup>**

Gates open at 9:30 a.m.

Program begins at 10:00 a.m. • Event 10:00 a.m.–4:00 p.m.

No pets, please.  
Service animals only.  
Rain or Shine  
Free Admission

**10:00 a.m. – 10:15 a.m. MAIN TENT**  
**MORNING GREETING AND OPENING REMARKS**

Dr. Theodore G. Andreadis, Director, The Connecticut Agricultural Experiment Station

**10:15 a.m. – 10:45 a.m. MAIN TENT**

Dr. Robert E. Marra, Forest Pathologist, Department of Plant Pathology and Ecology

*Internal Decay in Trees and its Role in the Forest Carbon Cycle*

**10:15 a.m. – 10:35 a.m. TECH. DEMONSTRATION TENT**

(20 min. demo., repeated twice during the day, 10:15 a.m. & 2:30 p.m.)

Mr. Gregory J. Bugbee, Soil & Aquatic Ecosystem Scientist, Department of Environmental Sciences

*Invasive Aquatic Plants That Threaten Lakes and Ponds*

**10:40 a.m. – 11:00 a.m. TECH. DEMONSTRATION TENT**

(20 min. demo., repeated twice during the day, 10:40 a.m. & 3:00 p.m.)

Mr. Mark H. Creighton, Apiary Inspector, Department of Entomology  
*Beekeeping Basics*

**10:45 a.m. – 11:05 a.m. MAIN TENT**

**CENTURY FARM AWARD**

Anderson Farms, Wethersfield, Connecticut

**11:05 a.m. – 11:10 a.m. MAIN TENT**

**EXPERIMENT STATION ASSOCIATES**

Mr. Will Rowlands, President, Experiment Station Associates

**11:10 a.m. – 12:00 noon MAIN TENT**

**THE SAMUEL W. JOHNSON MEMORIAL LECTURE**

Mr. Eric Hammerling

Executive Director, Connecticut Forest & Park Association

*Protecting Forests in Connecticut for the Future - How are we doing?*

*What will it take?*

**1:15 p.m. – 1:45 p.m. MAIN TENT**

Dr. Blaire T. Steven, Environmental Microbiologist, Department of Environmental Sciences

*From the Very Large to the Extremely Small: Including Microbiology in Climate Models*

**1:45 p.m. – 2:15 p.m. MAIN TENT**

Dr. Goudarz Molaei, Medical Entomologist/Vector Biologist, Department of Environmental Sciences

*Tracking Ticks and Tick-associated Diseases in Connecticut*

**2:15 p.m. MAIN TENT**

Adjourn Main Talks

**2:30 p.m. – 2:50 p.m. TECH. DEMONSTRATION TENT**

(20 min. demo., repeated twice during the day, 10:15 a.m. & 2:30 p.m.)

Mr. Gregory J. Bugbee, Soil & Aquatic Ecosystem Scientist, Department of Environmental Sciences

*Invasive Aquatic Plants That Threaten Lakes and Ponds*

**3:00 p.m. – 3:20 p.m. TECH. DEMONSTRATION TENT**

(20 min. demo., repeated twice during the day, 10:40 a.m. & 3:00 p.m.)

Mr. Mark H. Creighton, Apiary Inspector, Department of Entomology  
*Beekeeping Basics*

**3:20 p.m. TECH. DEMONSTRATION TENT**

Adjourn Technical Demonstrations

**PESTICIDE CREDIT TOUR (Meet at Barn A)**

**12:00 p.m. – 1:00 p.m.**

*For those requesting pesticide credits; attendees sign-up before 10:00 a.m. at the Registration Desk (R)*

**TOUR OF NATIVE WOODY SHRUBS (PLOT 48)**

**1:00 p.m.-1:30 p.m.**

Meet at the Wood Arbor of the Native Woody Shrubs (Plot 48)

**LOCKWOOD FARM WALKING TOUR**

**2:35 p.m. - 3:35 p.m.**

(Meet at Registration Desk R)

**BUS TOUR Every half hour, 10:15 a.m. - 3:30 p.m.**

*This is a great way to see the farm. Air-conditioned bus ride around the farm. You can be dropped off at any plot, and picked up the next time the bus comes around. Approximately 30 minutes.*

**BARN EXHIBITS (Barn B)**

- *Nanotechnology- Applications and Implications*
- *Forest Pest Outreach: What Bugs Our Woodlands*
- *Understanding the Mosquito Microbiome for Practical Applications*
- *Adaptation Strategies of Trees Under Abiotic and Biotic Stresses*
- *Research in Bacteria on Plants*
- *Impacts of Variable Winters on Invasive Hemlock Woolly Adelgid Populations in Connecticut Forests*



**ANSWERS TO YOUR QUESTIONS**

(Plot 20)

Staff members answer your questions on identification of insects, plant disorders, soils and their management, and other problems of growers and gardeners.



**KIDS' KORNER (Plot 35)**

Come to the Kids' Korner to pick up your child's passport and a goody bag.



**SELF-GUIDED ACTIVITY**

(Plot 36)

For all children including Girl Scouts.

