

Station News A PROGRESS REPORT for staff and Friends of America's first Agricultural Experiment Station

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<http://eww.insidecaes.state.ct.us/LibraryInformation/JournalListing.htm>

Take a look at the **schedule for Lunch Club**...<http://eww.insidecaes.state.ct.us/StationEvents/events.htm>

The **BioQuip product catalog** is on our network. You can find the contents of the CD on our public drive (P:) in the BioQuip folder. Click on the intro file (intro.html) for directions on how to view the contents of this catalog.

Photos of the Month...



Freddie Gagliardi happy that the Boston Red Sox won the World Series. Photo taken by Mehmet Isleyen.

Departmental News

Administration

DR. JOHN F. ANDERSON attended a seminar on Risen held at Yale University (October 1); participated in a meeting of the Lyme Disease Foundation in Hartford (October 16); hosted and participated in a meeting of the Station's Board of Control in Windsor (October 20); gave a talk and PowerPoint presentation on what the State is doing to stop invasive plants to a group meeting on Invasive Legislation in Jones Auditorium (October 23); greeted participants in a Garden Club of America Meeting held at the Station (October 25); participated in a meeting on West Nile virus at Yale University (October 26).

Analytical Chemistry

DR. BRIAN EITZER reviewed and discussed a well water study conducted by Nancy Alderman of Environment & Human Health, Inc. (October 14).

DR. MARY JANE INCORVIA MATTINA met with Santiago Berrios and Lisa Alter, science teachers from Wilbur Cross High School, to publicize the school's need of science fair mentors for their students. As a result of email notification of Station staff, several potential mentors are working with Lisa and Santiago to work out details of interaction (October 20).

DR. DAVID STILWELL participated in a workshop on Community Greenspaces and Gardens at the New Haven Town Hall (October 16); along with Craig Musante we consulted with Leland Torrence of Leland

Torrence Enterprises on water leachates collected at the Beineke Rare Book Restoration Site at Yale (October 26).

CRAIG MUSANTE along with Dr. David Stilwell we consulted with Leland Torrence of Leland Torrence Enterprises on water leachates collected at the Beineke Rare Book Restoration Site at Yale (October 26).

Biochemistry and Genetics

Entomology

ERIN AMEZZANE helped set up and manned an exhibit booth in the Connecticut Building at the Eastern States Exposition, West Springfield, MA (October 2 and 3).

ROSE BONITO set up a display featuring history and information on the station, soil testing, composting, bird and butterfly gardening, and native plants at the New Haven Land Trust Gardening Conference held at the Jones Auditorium (September 11); set-up and manned a display booth displaying butterfly gardening, West Nile virus, Lyme Disease, native plants, soil testing and arsenic in pressure-treated wood at the 4th Annual Celebrating Agriculture held at the Woodstock Fairgrounds (September 18); helped set up and manned an exhibit booth in the Connecticut Building at the Eastern States Exposition, West Springfield, MA (October 2 and 3).

IRA KETTLE helped set up and manned an exhibit booth in the Connecticut Building at the Eastern States Exposition, West Springfield, MA (October 2 and 3).

DR. LOUIS A. MAGNARELLI attended a field trip and meeting of the Invasive Plants Council in Storrs (September 2); spoke to the Spring Glen Garden Club about tick research and other Station programs (September 13); interviewed by Bill Heald of Northeast Magazine about ticks (September 14); and by Bob Miller of the Danbury News Times about bees and wasps (September 15); participated in a meeting of the Invasive Plants Council in Hartford (September 21).

DR. CHRIS T. MAIER introduced new entomological literature at a meeting of the Connecticut Entomological Society at Yale University (September 17).

STEVE SANDREY helped set up and manned an exhibit booth in the Connecticut Building at the Eastern States Exposition, West Springfield, MA (October 2).

DR. VICTORIA SMITH interviewed by Lisa Pearson of the Hour Newspaper (Norwalk) about Asian Longhorned Beetle (September 28) and presented a talk to the Back Yard Beekeepers (Weston) titled "Connecticut Beekeepers" (September 28).

Forestry and Horticulture

DR. KIRBY STAFFORD Participated in a meeting in Groton of the advisory committee for the community-based Lyme disease prevention project in the Ledge Light Health District (October 12); spoke on personal and property prevention techniques at the Lyme Disease Foundation Conference in Windsor, CT (October 16); interviewed by Bill Slokam, independent writer for the New York Times about Lyme disease reporting and tick activity (October 19); spoke to the Greater Hartford Lyme Disease Support Group in Farmington (October 20).

DR. JEFFREY WARD Spoke on "Homeowner tree care" for the Greater New Haven Garden Club at Lockwood Farm in Hamden (October 4); presided at the Connecticut Tree Protective Association, Board of Directors meeting in New Haven, CT (October 5); participated in the Connecticut Urban Forest Council meeting in Middlefield (October 6); attended Connecticut Invasive Plant Working Group Symposium at Storrs, CT (October 7); taught a field forestry class for Coop High School, New Haven (October 13);

interviewed about old-growth forests in Connecticut by Steve Grant of the Hartford Courant (October 14); participated in DEP sponsored forest fire training in Burlington (October 28).

DR. MARTIN GENT attended a Symposium at Smith College, Northampton MA on Function and Fate in Plants: Physiological Traits and Ecological Success (October 2); presented a talk on "Phyto-extraction of field-weathered DDE by Subspecies of Cucurbita and Exudation of Citric Acid from Roots" at the 20th Annual International Conference on Soil, Sediments and Water, Amherst MA (October 19); visited Chas Mavrelion at the Sound School, New Haven, to advise on growing salad greens in hydroponics (October 21).

DR. WILLIAM NAIL evaluated juice quality samples at Gouveia Vineyards in Wallingford (October 8); visited and evaluated potential vineyard sites at Hilltop Farm in Suffield; this is a farm restoration/preservation operation which desires to be agriculturally diverse (October 22).

DR. UMA RAMAKRISHNAN November 11 last day at the Experiment Station. She has accepted a position at Juniata College in Pennsylvania.

DR. ABIGAIL MAYNARD judged fruits and vegetables at the North Haven Fair (September. 9); toured Lockwood Farm and discussed Station activities with the second grade of Hamden Hall Country Day School (September. 21); toured Lockwood Farm and discussed Station activities with the PreK and Kindergarten of Hamden Hall Country Day School (September. 27); reported on Station activities to the Council on Soil and Water Conservation in Windsor (October 21).

J. P. BARSKY attended and served as Chair at the Yankee Division Society of American Foresters Executive Committee Meeting (October 1); met with a private consulting forester, Mr. Robert Hart, along with Jeff Ward, to discuss potential forest research studies (October 19); attended annual forest wildfire training at the Sessions Woods Wildlife Management Area in Burlington (October 28).

Lockwood Farm

Plant Pathology and Ecology

DR. SANDRA L. ANAGNOSTAKIS gave a talk entitled "Chestnuts in the 21st Century" at the Goodwin Conservation Center in Hampton, and lead a walk through the woods to look at an old experimental plot (October. 2); gave the keynote address entitled "Chestnuts in the United States for food and for timber" at the Third International Chestnut Congress held in Chaves, Portugal (October 18-24); toured the chestnut forests and orchards of Galicia (NW), Spain (October. 25-27).

DR. DONALD E. AYLOR presented an invited lecture entitled "Aerobiology: Science at the interface of meteorology and biology" in the Department of Earth Sciences at Millersville University in Millersville, PA (October 28).

DR. SHARON M. DOUGLAS gave a presentation about noteworthy diseases for Connecticut during 2004 at the Extension Update during the annual meeting of the Northeastern Division of The American Phytopathological Society in State College, PA (October 6-8); presented a lecture on "Diseases of shade and ornamental trees" as part of the Connecticut Tree Protective Association's Arboriculture 101 course in Jones (October 13); participated in the annual fall meeting of the Connecticut Christmas Tree Growers Association and presented lectures on current diseases of Christmas trees during the field tour held at Dzen Tree Farm in South Windsor (October 16); was visited by members of the Garden Clubs of America and discussed the role of the Plant Disease Information Office (October 25); presented a lecture on "Understanding plant diseases" and "The doctor is in" as part of the Federated Garden Club's Garden Study School in Jones (October 26).

DR. WADE H. ELMER presented a paper entitled "Fusarium wilt of Hiemalis begonia caused by *Fusarium foetens*" at the annual meeting of the Northeastern Division of The American Phytopathological

Society and also served as Secretary/Treasurer at the meeting held in State College, PA (October 6-8); presented a lecture/laboratory entitled "*Fusarium*: Its ecology, taxonomy, and pathology" to a Plant Pathology class at The University of Connecticut in Storrs (October 13); gave a presentation entitled "Diseases of flowers and herbs" as part of the Federated Garden Club's Garden Study School in Jones (October 25).

DR. FRANCIS J. FERRANDINO gave a talk entitled "Clumps, quadrats, and correlation: Size really does matter" at the annual meeting of the Northeastern Division of The American Phytopathological Society in State College, PA (October 8).

MARY K. INMAN gave a talk on "Pruning for the home gardener" to the Fairfield County Horticultural Society in Westport (October 14).

DR. ROBERT E. MARRA gave a talk entitled "Mixed mating in natural populations of the chestnut blight pathogen, *Cryphonectria parasitica*" at the annual meeting of the Northeastern Division of The American Phytopathological Society in State College, PA (October 8).

Soil and Water

DR. THEODORE ANDREADIS interviewed about West Nile virus and the Mosquito Trapping and Testing Program by Steve Kotchko-CT Public radio and Marianne Gail Brown, CT Post (October 13); presented an invited talk entitled "Epidemiology of West Nile Virus in Connecticut: a Six Year Analysis of Mosquito Data 1999 – 2004" at the Annual Meeting of the Entomological Society of Canada, held in Charlottetown, Prince Edward Island (October 17).

GREGORY BUGBEE participated in a town meeting at the Middletown Town Hall regarding control of aquatic weeds in Crystal Lake with Robert Capers and Roslyn Selsky (October 15); spoke on "Container Gardening" to the Spring Glen Garden Club in Hamden (October 18); discussed methods to grow athletic fields under water restrictions at a meeting of the Guilford Fields Committee (October 19); hosted the annual meeting of the Connecticut Federation of Lakes in the Jones Auditorium with John Anderson, Jason White, Robert Capers and Roslyn Selsky (October 23); spoke on "Soil Testing" to groups from the Federated Garden Club of America visiting the soil test lab (October 25); spoke on "Composting" to the Shoreline Gardeners at the Madison Library (October 26); presented a seminar on "Lawns and Groundcovers" as part of the Federated Garden Clubs Study Course at the Jones Auditorium (October 27).

ROBERT CAPERS participated in the Connecticut Invasive Plant Working Group Symposium at the University of Connecticut (October 7).

DR. JOSEPH PIGNATELLO hosted the Annual Meeting of the CSREES W-82 Multistate Research Project (October 14-16).

ROSLYN SELSKY participated in the Connecticut Invasive Plant Working Group Symposium at the University of Connecticut (October 7).

DR. JASON WHITE participated in EPA-run conference call of the Steering Committee for 2005 International Phytotechnologies conference (October 7); chaired a Phytoremediation session at the 20th Annual International Conference on Soils, Sediments, and Water at the University of Massachusetts, Amherst (October 19); participated in an Editorial Board Meeting of the *International Journal of Phytoremediation* (October 19); met with Lisa Alter and a student from Wilbur Cross High School concerning a mentorship research project on drinking water quality (October 28).

Valley Laboratory

TIMOTHY ABBEY presented "Alternatives for Invasive Ornamental Plant Species" at the Connecticut Invasive Plant Working Group Symposium "The Silent Invaders: Identification & Management of Invasive Plants" at the University of Connecticut in Storrs (October 7); "Ornamental Insect Pests" to a pesticide

applicator training class at Soundview Landscaping in West Haven (October 12); “Why Trees Fall Apart: Insects, Diseases & Injury” to the Connecticut Tree Warden School in Middlefield (October 21); “Introduction to Plant Diseases” and “Introduction to Ornamental Insect Pests” at the Connecticut Nursery and Landscape Association Nursery Accreditation Program in Southington (October 19 and 26).

DR. CAROLE CHEAH hosted Dr. Scott Costa from the Entomology Research Laboratory, University of Vermont at Burlington and gave him a tour of the Valley Laboratory Farm (October 2); met with Joe Rodrigues from the Harris Agriscience & Technology Center, Bloomfield for discussion on the progress of the student interns with the SAE (Supervised Agricultural Experience) program (October 27 and 28); was interviewed by Dominic Olivas, graduate student from Colorado State University on biological control of hemlock woolly adelgid for a case study report (October 29).

DR. RICHARD COWLES participated in a conference call with USDA Forest Service and Pennsylvania Department of Natural Resources professionals regarding imidacloprid application to control hemlock woolly adelgid (October 7); presented “Insect pests of Christmas trees” to the Connecticut Christmas Tree Growers’ Association, South Windsor (October 16); and spoke to the Forest Health Cooperators’ Meeting about “Chemical control of hemlock woolly adelgid,” at Sturbridge, MA (October 26).

ROSE HISKES moderated an afternoon session and coordinated exhibitors at the Connecticut Invasive Plant Working Group symposium “The Silent Invaders” in Storrs (October 7); gave a talk on invasive plants in Moodus (October 16); and gave lectures on pesticides for use in ornamentals and turf at Naugatuck Valley Community College in Waterbury (October 6, 13, 20, and 27).

DR. DEWEI LI met with the faculty members of the Environmental Health Group of the UConn Medical School at the UConn Medical Center (October 28).

DR. TODD L. MERVOSH led symposium planning committee meetings for the Conn. Invasive Plant Working Group at the Valley Laboratory (September 2, 22 and October 5); spoke to the Windsor / Windsor Locks Rotary Club about Experiment Station activities and demonstrated 12 pumpkin varieties he grew at the Valley Lab (September 9); delivered pumpkins (1600 lbs) to Northwest Park in Windsor for their annual Country Fair (September 17); was program chair, morning session moderator, and presented "Asiatic bittersweet, swallowwort, and phragmites control research" (with David Gumbart of The Nature Conservancy) at the symposium "The Silent Invaders: Identification & Management of Invasive Plants" at University of Connecticut in Storrs (October 7); and spoke about weed management at the Connecticut Christmas Tree Growers Association fall meeting in South Windsor (October 16).

DR. JAMES A. LAMONDIA spoke about research results and chaired the annual meeting of the Northeast Regional Nematology Technical Committee (NE-1019) held at the US Vegetable Laboratory in Charleston, SC (October 13-15); participated in the Connecticut Agriculture and Natural Resources Association meeting between growers and the Department of Agriculture Commissioner (October 26); and assisted University of Massachusetts student Jamie Meadows with a mycology project on blue mold of tobacco (October 28).

THOMAS RATHIER organized the educational portion of the Connecticut Christmas Tree Growers Association annual fall field meeting and spoke about the importance of healthy soils at that meeting in South Windsor (October 16) and gave a talk on healthy soils to the Fellowship Dinner at Trinity Methodist Church in Windsor (October 16).

Journal Articles Approved October 2004

Boehm, M. T. and Donald E. Aylor. Lagrangian stochastic modeling of particle transport in the convective boundary layer: Adjustment for heavy particles. Atmospheric Environment.

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