

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

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<http://www.caes.state.ct.us/telephonelistings/telestaff.htm>

Photo of the Month...



New Pinot gris vineyard at Lockwood Farm with Dr. William Nail

Departmental News

Administration

DR. JOHN F. ANDERSON participated in a planning meeting for the Connecticut Center for Science and Exploration in Hartford (June 1); participated in the CT Wine and Grape Council in Windsor along with William Nail (June 7); participated in a twilight meeting at Maple Bank Farm (June 9); participated in a meeting of the Natural Resources Council of Connecticut at the Regional Water Authority, New Haven (June 17); interviewed by Prairie Television about West Nile virus (June 17); gave a lecture entitled "Natural History of West Nile virus" to the Department of Entomology at North Dakota State University (June 18); discussed West Nile virus with the Vector Control Board in Williston, ND on (June 21); participated in a Behind the Scenes tour with the Experiment Station Associates (June 25); welcomed 20 teachers from the Capitol Region Education Council Teachers Center to the Experiment Station (June 29); and participated in a meeting of the Connecticut Pomological Society (June 30).

Analytical Chemistry

Biochemistry and Genetics

Entomology

DR. CHRIS T. MAIER spoke about the career and life on Ron Prokopy at a Twilight Meeting of the Connecticut Pomological Society at Maple Bank Farm, Washington (June 9). Spoke about exotic and native apple pests and literature about them at the President's summer Meeting of the Connecticut Pomological Society at Kollas Orchard, Tolland (June 30).

ROSE BONITO set up a display for the Future Farmer of America Conference held at Suffield High School in Suffield (June 5).

DR. VICTORIA SMITH interviewed by Aaron Kupek of WTIC radio about sudden oak death (June 8), participated in a meeting of the CT Pomological Society, held at Maple Bank Farm in Roxbury; gave an update on summer diseases of apples (June 9), interviewed by Gill Simmons of Channel 8 TV about the threats of sudden oak death, Asian longhorned beetle, and Emerald Ash borer (June 29), participated in a workshop sponsored by the US Forest Service on sudden oak death and emerald ash borer (June 30).

Forestry and Horticulture

DR. KIRBY STAFFORD interviewed by Andy Bromage, New Haven Register, about 2002 increase in reported Lyme disease cases (June 9); spoke on ticks and tick control at a Lyme disease forum co-sponsored by Rep. Tony D'Amelio and Sen. Lou DeLuca in Middlebury (together with Dr. Peter Krause) (June 10); interviewed by Tammi Tragatis, Litchfield County Times, about tick research in Litchfield County (June 21); participated in a Lyme project meeting at the Department of Public Health in Hartford (June 22); visited by Drs. Paul Mead and Joseph Piesman, Centers for Disease Control and Prevention, to discuss current Lyme disease prevention research (June 23); interviewed by Nicholas Moorehead, Shelter Island Reporter, about the 4-poster stations for treatment of deer to kill ticks (June 28).

DR. JEFFREY WARD spoke on "Native tree identification" at the Southington Parks & Recreation Nature Day in Plantsville. (49C, 4A) (June 3); spoke on "Forest dynamics and prescribed burning" at Trails Day in Haddam (June 5); spoke on "Life in the understory - trees" at the Connecticut Chapter - Society of American Foresters field meeting in Pleasant Valley (June 8); administered practical and oral examination to arborist candidates for the Connecticut Tree Protection Examining Board (June 9); interviewed about the presence of hemlock woolly adelgid in Bigelow Hollow by Beth Zimmerman of the New Roxbury Land Trust Newsletter (June 16); interviewed about wetland plants by Pamela Weil of the Connecticut Gardener (June 23); presided at the Connecticut Tree Protective Association, Board of Directors meeting in Farmington, CT (June 23).

DR. MARTIN GENT attended as served as chair of the NE-1017 regional research committee meeting "Developing and Integrating Components for Commercial Greenhouse Production Systems" at Rutgers University New Brunswick NJ (June 21); visited Mickey Wells and Mike Tripodena at Growell Greenhouses in Cheshire to discuss problems with greenhouse tomato production (June 21); these growers visited the experimental greenhouses at Lockwood Farm (June 23); Edward Naughton of Clinton Nurseries visited to discuss growth regulators for control of woody ornamental plants (June 22).

DR. WILLIAM NAIL accompanied Wade Elmer to the Jones Family Farm, met with Jamie Jones, Jim Lamondia, and Rich Cowles to discuss an IPM program (May 27); accompanied John Anderson to the Valley Farm to attend a CT Wine Council board meeting (June 7); met with Gary Crump to tour the Priam Vineyards and Winery and inspect a varietal trial started by Dr. Kiyomoto (June 10); with Mr. Crump, visited the county Natural Resources Conservation Service center and a local grape grower with winter injury to the vineyards (June 10); met with Jamie Jones at Jones Family Farm to see the vineyard, discuss management strategies, and revise the plot map for the red wine Vinifera trials planted by Dr. Kiyomoto (June 18); with Paul Waggoner visited the vineyard of Harry Townshend in New Haven and check on some new varieties bred by Mr. Townshend (June 21); met with grower Charlie Stevenson in Simsbury and toured his and the Rosedale Farms vineyards, discussed variety selection, cultural practices, and the growing conditions in the area (June 25); met with George Motel in Goshen to look at his new vineyard and

discuss options for the vineyard's future (June 29); visited Anthony Ferraro at his vineyards in and near New Hartford and discussed weed and disease management strategies for this season and next (June 29).

DR. ABIGAIL MAYNARD interviewed by Willi Evans of Organic Gardening about composting (June 24); interviewed by Heidi Hunt of Mother Earth News about compost utilization (June 28).

J. P. BARSKY attended and served as Chair at the Yankee Division Society of American Foresters Annual Field Meeting at the George Washington Wildlife Management Area in Chepachet, RI (June 24).

Lockwood Farm

Plant Pathology and Ecology

DR. DONALD E. AYLOR was visited by a group of teachers from the Capitol Region Educators Council and spoke about "An engineering approach to understanding aerial dispersal of pollen and spores" (June 29).

DR. SHARON M. DOUGLAS gave a talk entitled "Pruning: An introduction to why, how, and when" to the Sikorsky Garden Club in Stratford and assisted the Connecticut Tree Protection Examining Board with oral examinations for arborist licenses at the Station (June 9).

DR. WADE H. ELMER met with novelist Fawn Murphy to discuss *Fusarium* taxonomy (June 7); gave a presentation on "Plant parts and their diseases" to first and second graders at Wintergreen Magnet School in Hamden (June 10); interviewed about biological pesticides by Brownlyn Bartlett of *Red Herring* magazine (June 23).

Soil and Water

Valley Laboratory

TIM ABBEY attended a meeting of the Connecticut Nursery and Landscape Association Winter Program Committee at the Valley Laboratory and presented "What's New in Landscape Pest Management" at a meeting of the Connecticut Grounds Keepers Association, both in Windsor (June 7).

DR. CAROLE CHEAH was interviewed by Bet Zimmerman on controls of hemlock woolly adelgid for an article in the New Roxbury Land Trust newsletter (June 22).

DR. TODD MERVOSH led a symposium planning meeting for the Conn. Invasive Plant Working Group at the Valley Laboratory (May 24); and spoke about weed management at a meeting of the Conn. Christmas Tree Growers Assoc. in Portland (June 30).

ROSE HISKES gave a talk on Pests of the Garden to the Fairfield Horticultural Society in Westport (June 10); and updated the Experiment Station Associates on the CNLA Discovery and Educations Gardens in Windsor (June 25).

DR. JAMES A. LAMONDIA examined candidates for the Connecticut arborist license and participated in the quarterly meeting of the Connecticut Tree Protection Examining Board in New Haven (June 9); was interviewed about research conducted at the Valley Laboratory by Irena Pastorello of the Journal Inquirer (June 17); Conducted a Station Associates tour of the Valley Laboratory and spoke about the history and mission of the Lab, strawberry disease and insect evaluation and breeding, and tobacco culture and disease control (June 25).

THOMAS RATHIER escorted Russell Cornelius of the Brookfield Rotary Club and International Rotarian Khushwant Singh from India on a tour of tobacco farms in the Connecticut River Valley (June 15); helped plan and participated in twilight farm meetings of the Connecticut Christmas Tree Growers Association in Thomaston (June 17); and Portland (June 30), and spoke to Station Associates about Christmas Tree Research (June 25).

Journal Articles Approved June 2004

Andreadis, Theodore G., John F. Anderson, Charles R. Vossbrinck, and Andrew J. Main. Epidemiology of West Nile virus in Connecticut, USA: a five year analysis of mosquito data 1999-2003. *Vector-Borne and Zoonotic Diseases*.

Aylor, Donald E., M. T. Boehm, and E. J. Shields. Quantifying aerial dispersal of pollen in relation to outcrossing in maize. *Proceedings of the 26th Conference on Agricultural and Forest Meteorology*, 23-27 August 2004, Vancouver, BC, Canada.

Ferrandino, Francis J. Clumps, quadrats, and correlation for binary epidemics: size does matter. *Phytopathology*.

B. M. Wu, K. V. Subbarao, F. J. Ferrandino, and J. J. Hao. Analysis of spatial patterns based on variance of moving window averages. *Phytopathology*.

Magnarelli, Louis A. Reactivity of horse sera to whole-cell and recombinant antigens of *Borrelia burgdorferi* in enzyme-linked immunosorbent assays. *Veterinary Research*.

Li, Jun, Joseph J. Pignatello, Barth F. Smets, Domenico Grasso, Esteban Manseratte. Bench-scale evaluation of in-situ bioremediation strategies for soil at a former manufactured gas plant site. *Environmental Toxicology and Chemistry*.

Sander, Michael and Joseph J. Pignatello. Characterization of charcoal adsorption sites for aromatic compounds: Insights drawn from single-solute and bi-solute competitive experiments. *Environmental Science and Technology*.

Kelsey, Jason W., Allison Coline, and Jason C. White. Effect of species differences, pollutant concentration, and residence time in soil on the bioaccumulation of pp-DDE by 3 earthworm species. *Toxicology and Chemistry*.

Zhu, Dongqiang and Joseph J. Pignatello. Characterization of aromatic compound sorptive interactions with black carbon (charcoal) assisted by graphite as a model. *Environmental Science and Technology*.

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