

# CORNELL UNIVERSITY STATION NEWS GENEVA NEW YORK

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FEBRUARY 12-22, 1999

## BRIEFS

### RESPIRATOR FIT TESTS

Respirator users: please schedule a respirator fit test during the week of February 15. New users will need to complete the medical form that was sent to them. Everyone will need to attend a training session. Please refer to the memo of February 2 for training times and other information.

Current Respiratory Protection Program Member training will be held from 8:30-9:30 am on February 15 in Jordan Hall Auditorium.

Training for New Respiratory Protection Program Members will be held from 1:30-2:30 pm on February 15 in Jordan Hall Auditorium.

Please contact the EH&S office (sgd2 or x466) by February 12 to schedule your test.

Sue Dwyer

### PESTICIDE APPLICATOR'S UPDATE

The 1999 Pesticide Applicator's Update will be held on Tuesday, March 16, in Geneva and on Tuesday, March 23, in Ithaca.

Registration and refreshments: 9-9:30 am

Program: 9:30-11:30 am.

#### Program:

1. Andrew Landers, Extension Associate in Agricultural and Biological Engineering, will discuss spray drift and spring sprayer tune-ups.

2. The new *Pesticide Applicator Handbook* will be introduced.

This program is applicable to all pesticide applicators in CALS and at the NYSAES, and all applicators are expected to attend this meeting. Please mark your calendars now; more details will follow.

(BRIEFS, Continued on page 2)

## GRANT HONORED AT ESA

Jennifer Grant received Honorable Mention in the Student Competition at the ESA meeting in November for her talk, "Soil Moisture Effects on Entomopathogenic Nematodes," based on the results of a 22-week study she had performed with Mike Villani. Grant has become very familiar with soil doing this and other studies over the last three years. Among other activities, she has collected grubs from residential lawns, played nursemaid to soil-living, insect-eating nematodes (tiny roundworms), and shoveled and sieved a ton of soil—literally!

Entomopathogenic nematodes attack soil-dwelling insects, but require moist soil and become quiescent (inactive) during periods of drought. Grant determined the infectivity and persistence of two species of nematodes, *Heterorhabditis bacteriophora* and *Steinernema glaseri*, under varying soil moisture levels and temperatures in the laboratory. Using these species as a model system, she found that although nematodes quiesce when soil becomes dry, they can be reactivated to infect insects when soil moisture is restored.

Grant's investigations will be welcomed by researchers who have likely been deterred from pursuing these studies because of the amount of labor necessary. To give some indication of how labor intensive the project was, consider the fact that, for Grant's current long-term experiments, B&P brought a ton of soil to Barton Lab in meter square containers. Researchers sorted the soil, removed the rocks, shoveled it into a sieve, and sieved shovelful by shovelful until it went through a six-holes per square inch mesh. "About half the soil was rocks," noted Grant. "Nancy Consolie and Wendy Heusler were integral to the work and many others helped, too."

(GRANT, Continued on page 2)



Jennifer Grant (above) and Nancy Consolie, Wendy Heusler, and Chad Reissig (below, left to right) showing that science isn't all lab work.





## NEW HORT SOCIETY BUSINESS MANAGER

You may have noticed a new, friendly face at the Hort Show's registration table at this year's Annual Meeting and Trade Show in Rochester. As of January 4, Diane Russell of Seneca Falls, NY, became the full-time Business Manager for the NYS Horticultural Society. She had been working part-time in this capacity since September when Judy Nedrow left to devote more time to her own business, Data Trac Solutions.

Diane's responsibilities are to manage the Hort Society office in Hedrick Hall, communicate with the members, perform accounting duties, answer the phone, and "all other duties as required," which means "troubleshooting everything from A to Z," says Diane.

"This is a very interesting and challenging position. I feel like I still have a lot to learn, but I really enjoy working with such a diverse group of people. I enjoy communicating with everybody from political representatives to growers," says Diane. "I hope I fulfill their expectations."

For the past seven years, Diane worked for the non-profit organization, Consortium for International Crop Protection (CICP), headquartered at NYSAES. At CICP, she performed similar job responsibilities while working for Ed Glass and George Schaefer.

Diane was born and raised on a small family farm in Newark, NY. She has seven children and six grandchildren, and graduated from Cayuga Community College in Auburn, NY. Since 1994, Diane has worked evenings and weekends as customer-service manager at Wal-Mart in Seneca Falls.

## ELEMENTARY, MY DEAR SHERLOCK

If your Mac isn't yet running Mac OS 8.5, you may decide Sherlock is reason enough to upgrade. While the earlier Find File utility looked only for files on your hard disk, Apple's new built-in sleuth adds Web searching to its repertoire of skills. Although Sherlock is a powerful tool right out of the box, additional clues have surfaced that can enhance your Internet searching abilities.

### Three Tools in One

To call upon Sherlock, select Find from the Finder's File menu, or press Command-F. If you're not already familiar with the Sherlock window, you'll notice three tabs at the top that access Sherlock's three distinct functions. First, there's our old friend *Find File*, which locates files on your hard disk based on file name, size, creation date, or other criteria. The second tab is *Find by Content*, which searches the contents of files for words (once you've indexed the contents of your hard disk). This is great when you know there's a report on ocelots on your hard drive—somewhere—but you don't know what the file is called. The third tab is labeled *Search Internet*. The immediate benefit of using Sherlock to search Internet sites is that you can do it from your desktop: you don't need a Web browser open, although Sherlock launches your favorite browser when you decide to view the Web pages you find. The *Search Internet window* has two areas: a field for typing search words, and checkboxes for choosing the sites to search. By choosing more than one site, you can search several engines at once; Sherlock combines and displays the results from all your selections.

Despite a few nagging problems, Sherlock is an elegant tool that can benefit both newbie Web surfers and long-time users. If you haven't tried it out yet, grab your magnifying glass and give Sherlock a close look.

Kevin Savetz <savetz@northcoast.com>

*Excerpted from TidBITS, All the News that's Fit to Byte, #466/08-Feb-99*

For the full article, which describes in detail various features of Sherlock, see <http://www.tidbits.com/tb-issues/TidBITS-466.html#lnk4>

(GRANT, cont.)

The implications for managing soil dwelling insect pests with nematodes in turfgrass, ornamentals, and agricultural systems are broad. In turfgrass systems, soil moisture varies greatly so nematodes may quiesce, survive droughty periods and become active again when conditions are more favorable. These conditions may exist in non-irrigated areas—especially with drought resistant perennial plants. It may also be possible to apply nematodes to dry soil at a convenient time and activate them later by irrigation, a possibility to be explored with undisturbed soil cores. Grant's research results may also be useful to commercial nematode producers. Moisture regulation in the production and storage of nematodes is a delicate matter and can be aided by dehydration-induced quiescence.

In the future, Grant and Villani plan to further validate their results in soil/turf microcosms where soil moisture levels can be manipulated. This will be the final step in predicting how nematode quiescence may affect field applications. They hope to provide guidelines for soil moisture in the field so that growers/managers can better determine if nematode applications will be effective and can manage irrigation to stay within these limits.

Grant, the first recipient of the Paul J. Chapman Entomology student award, found this year's ESA meeting to be particularly interesting. Her interest in a holistic plant approach fit well with the Society's joint meeting with the American Phytopathological Society. The award was icing on the cake: "It is nice to be recognized by your colleagues," she stated. Grant will be completing her Ph.D. studies this year. C. Weeden

(BRIEFS, cont.)

## TUITION AID— DEFERRED PAYMENT

Maureen Brull, Office of Human Resources—Benefits, has contacted the following colleges regarding the employee deferred tuition aid program: Finger Lakes Community College, Hobart and William Smith Colleges, Rochester Institute of Technology, Empire College, and Keuka College. As soon as she receives responses from them, she will update us.





## gardenScape '99

### Tickets

are now available for GardenScape '99. GardenScape '99 will be held at The Dome Center on East Henrietta Road in Rochester, March 11-14, 9:00 am-9:00 pm, Thursday-Saturday; and 9:00 am-5:00 pm on Sunday.

There will be more than 50 landscaped gardens and displays, including special focus on children and families, with an interactive children's garden, The Gardener's Marketplace, and numerous demonstrations and speakers.

Seminars will be held daily, every hour, beginning at 11:00 (10:30 on Sunday). Speakers are:

- **Thursday, 3/11** - Scott Kuntz, *Antique Gardens, American Home Landscapes*
- **Friday, 3/12** - Jo Ann Gardner, *Herbs in Bloom for Gardeners Who Love Flowers*
- **Saturday, 3/13** - Allen Rokach & Anne Millman, *Focus on Flowers, Part 1 & 2*
- **Sunday, 3/14** - Carle Otteson, *Out of the Wild and Into the Garden*

Ticket price at the door is \$8.00 for adults, \$4.00 for children 6-12, and free for children 5 and under.

Contact Colleen VanAllan (x318 cmh6) for reduced price tickets (\$1.00 savings).

## STATION FIRE WARDENS AND BACKUP WARDENS

On January 14, Station Fire Wardens met to share concerns and questions. At this meeting, the Fire Wardens adopted a mission statement as follows:

"Provide assistance in protecting life and minimize the risk of injury and property damage at the New York State Agricultural Experiment Station during fire emergencies. The primary part of this mission is to insure that building evacuation of all personnel is complete after the fire alarm sounds, and to protect personal safety."

Please contact Chief Fire Warden Ralph D'Amato or Environmental Health & Safety if you have questions.

### STATION FIRE WARDENS AND BACKUP WARDENS

Building	Floor	Fire Warden(s)	Backup Fire Warden(s)
B&P--General Services		Jeff Rios	Ann Griner Veronica Bailey
Barton Laboratory	Basement Basement 1 <sup>st</sup> Floor 1 <sup>st</sup> Floor 2 <sup>nd</sup> Floor 2 <sup>nd</sup> Floor 3 <sup>rd</sup> Floor 3 <sup>rd</sup> Floor 4 <sup>th</sup> Floor 4 <sup>th</sup> Floor 5 <sup>th</sup> Floor 5 <sup>th</sup> Floor 6 <sup>th</sup> Floor 6 <sup>th</sup> Floor	Wendy Heusler Nancy Consolie John Ludwig Ann Cobb Diana Parker Cathy Heidenreich David Kain Art Agnello Steve Hesler Bill Wilsey Pat Marsella-Herrick Mary Lou Hessney Charles Linn Wendy Kain	Nancy Consolie Wendy Heusler Colleen VanAllan Janice Valerio Cathy Heidenreich Diana Parker Cindy Smith Cindy Smith  Karen Wentworth Doug Knipple Lise Rosenfeld Pam Adams Pam Adams
Campus Warehouse		Robert Clise	
Field Research Unit		Alan Soper Fred Jensen	Mark Scott
Food Sci. Res. Lab.	Ground Floor 1 <sup>st</sup> Floor 2 <sup>nd</sup> Floor	Soon Kong Herb Cooley George Helfman	Jane DeCann Penny Lynn Allan Roloson
Hedrick Hall	1 <sup>st</sup> Floor 2 <sup>nd</sup> Floor 3 <sup>rd</sup> Floor	Lorraine Barry Rick Piccioni Mary Jean Welser	Gemma Osborne Pat Wallace Martin Goffinet
IPM House	Basement & 1 <sup>st</sup> Floor 1 <sup>st</sup> Floor 2 <sup>nd</sup> Floor	Janet Garlick Janet Garlick Cheryl TenEyck	Helen Kirby Helen Kirby Jim Engel
Jordan Hall		Bruce Moore	Charie Hibbard
Pesticide Storage		Mark VanKirk	
PGRU Seed Storage Bldg		Steven King	Warren Lamboy
Plant Genetic Resources Unit		Susan Sheffer	Warren Lamboy
Raw Products-Pilot Plant		Robert Kime	Tracy Harris
Stone Barn		John Churey	•Randy Worobo
Sturtevant Hall	Basement 1 <sup>st</sup> Floor 2 <sup>nd</sup> & 3 <sup>rd</sup> Floor	David Paine Alan Taylor Kristin Ondik	Alan Taylor David Paine David Paine,

*There is a kind of immortality in every garden."*

—GLADYS TABER—

# CALENDAR of EVENTS

FEBRUARY 12-22, 1999

## EVENTS

**February 13, 1999**

The Sawdust Café, NYSAES  
SAGES Valentine's Day Party

**March 11-14, 1999**

The Dome Center, Rochester  
GardenScape '99

## DEADLINES

**Monday, February 15:**

• Apple Research and Development  
Program proposals due in Director's  
Office.

## SEMINARS

### ENTOMOLOGY

**Date:** Tuesday, February 16, 1999  
**Time:** 10:30 am  
**Place:** 310 Barton Laboratory  
**Speaker:** Dr. Dan Papaj  
Department of Ecology &  
Evolutionary Biology  
University of Arizona  
**Title:** A Natural History of Unnatural  
Acts by Walnut-Infesting Flies of  
the Genus *Rhagoletis*

*There will be a period of social interaction  
with the speaker at 10:00 am.*

*Coffee and cookies will be available.*

### PLANT PATHOLOGY

**Date:** Tuesday, February 16, 1999  
**Time:** 3:00 pm  
**Place:** Room A133  
**Speaker:** Andrew Norton  
Department of Entomology  
Cornell University, Geneva  
**Title:** Regulation of Grape Powdery  
Mildew in Wild and Cultivated  
Grapes by a Mycophagous Mite

*There will be a reception at 4:00 pm.*

### FOOD SCIENCE & TECHNOLOGY

**Date:** Wednesday, February 17, 1999  
**Time:** 10:30 am  
**Place:** FST Conference Room  
**Speaker:** Ellen Chamberlain  
Food Science & Technology  
Cornell University, Geneva  
**Title:** "A Rheological Study of Acid  
Converted Waxy Maize Starch"

## LTC

### LIBRARY TECHNOLOGY CENTER

**Date:** Monday, February 15  
**Time:** 10:00-11:30 am  
**Class:** Microsoft PowerPoint 98  
**Date:** Tuesday, February 16  
**Time:** 9:00-10:30 am  
**Class:** Library Search Strategies  
**Date:** Friday, February 19  
**Time:** 8:30-11:30 am  
**Class:** Excel Intermediate I

The course will cover the following: creating  
charts using the chart wizard; working with  
names on a worksheet; using the function wiz-  
ard. Some of the functions discussed will be  
the following: and, average, convert, if, max,  
min, now, or sum, lookup. There will be time  
allotted for hands-on learning. Instructor:  
Cheryl TenEyck.

## CLASSIFIED

**FOR RENT:** Beautiful, furnished room and bath in historic house on S. Main St. All utilities included in rent.  
Kitchen privileges. Call Chris at 789-3230. Leave message.

**WANTED:** A professional couple moving to Geneva in April desires to rent a 3-4 bedroom house for approxi-  
mately one year. References are available. If you are interested, please contact Patty DeBolt at 789-0854.

**WANTED:** Piano students, ages 7-97. Openings Tues. & Thurs. afternoons, \$15 per 1/2-hour lesson. Margaret  
Haining Cowles, mh8, x408, or 781-2421 after 2:30.



SAGES is sponsoring a  
St. Valentine's Day party on Saturday,  
February 13, 1999. The party will begin at  
6:00 pm and will be held in the Sawdust  
Café. Pizza, desserts, snacks, and bever-  
ages will be provided. Please bring a dish  
to pass and your favorite CDs to share.

*Everyone is invited!*

# Look out Maine...

## Here comes Dale Webb!!

Retirement Party

Seneca Castle Fire House

March 20 • Dinner at 6:30

Chicken Bar-B-Q, side dishes, pop & beer

— All for \$10 —

At Dale's Request....

Denim and Flannel Required & No Speeches!!



Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, etc.: \_\_\_\_\_

Number of People: \_\_\_\_\_ Amount: \_\_\_\_\_ Gift Contribution: \_\_\_\_\_

Return reservation by February 24, 1999, to:  
Nancy Reissig, NYSAES, Dept. of Entomology, Geneva, NY 14456