

**CALENDAR of EVENTS**

SEPTEMBER 17-OCTOBER 1, 2004

**SEMINARS**

**FOOD SCIENCE & TECHNOLOGY**

**Date:** Wednesday, September 22, 2004  
**Time:** 11 AM  
**Place:** FST Conference Room, second floor  
**Title:** Powdery Mildew Effect on Wine Quality  
**Speaker:** Lorenza Conterno, Geneva

**Date:** Wednesday, September 15, 2004  
**Time:** 11 AM  
**Place:** FST Conference Room, second floor  
**Title:** Rheology and Texture of Semisolid Dairy Desserts  
**Speaker:** Amparo Tarrega, visiting scientist, Geneva

**PLANT PATHOLOGY**

**Date:** Tuesday, September 21, 2004  
**Time:** 3:30 PM (Coffee at 3 PM)  
**Place:** Room A133, Barton Lab  
**Title:** Recognition of Self in Plant Reproduction  
**Speaker:** June Nasrallah, member of the National Academy of Sciences, Ithaca

**Date:** Tuesday, September 28, 2004  
**Time:** 3:30 PM (Coffee at 3 PM)  
**Place:** Room A133, Barton Lab  
**Title:** Genetics of Nematode Resistance in Grape Rootstocks  
**Speaker:** Peter Cousins, USDA, Geneva

**ENTOMOLOGY**

**Date:** Thursday, September 23, 2004  
**Time:** 10:30 AM  
**Place:** Entomology Conference Room, Barton Laboratory  
**Title:** Agricultural Biotechnology Support Project II  
**Speaker:** Kandukuri Raman, Ithaca

**LTC**

**Date:** Tuesday, September 21, 2004  
**Time:** 8:30 AM - 4:30 PM (Coffee from 8:30- 9 AM)  
**Place:** Jordan Hall Auditorium (Registration required)

(Continued)

(LTC, continued)

**Title:** Digital Presentation Workshop  
**Instructor:** Jeff Adams, Director ETC, FLCC  
**Date:** Thursday, September 30, 2004  
**Time:** 9 - 11 AM  
**Place:** Jordan Hall Auditorium

**FITNESS  
Aerobics**

**Date:** Mon. & Fri.  
**Time:** 12:10 - 1 PM  
**Place:** Sawdust Cafe

**CLASSIFIED**

**FOR SALE:** 2000 Chevrolet Malibu LS. 50K miles, good condition, green. \$5,900 or best offer. Contact Tom at x2435 or at home: 585-381-4553

**FOR SALE:** 1998 Toyota, Camry, LE sedan 4D, 4-cyl. 2.2 Liter engine, 78,000 miles. Automatic transmission, air conditioning, cruise control, power door locks and steering. AM/FM stereo cassette, ABS (4-wheel), dual front air bags. Excellent condition and runs great. Asking \$6,600. The car will be available September 24. Please call: home 315-781-3240 or e-mail: kyy7

**FOR RENT:** Furnished one bedroom apartment overlooking Seneca Lake on East Lake Road available immediately. Large rooms, galley kitchen, private entrance. Includes cable, electric, water and phone. \$575 per month. Security deposit required, lease preferred. No pets or smoking allowed. Please call 585-9514 or e-mail pnm19

**FOR SALE:** 1988 Olds Delta 88 Regency. Excellent winter-car for someone or a good starter car for a student. Excellent 3.8 V6, white with blue velour interior. Power windows/door locks. Tilt steering. High miles but regularly maintained when needed at Oaks Garage in Phelps. Four new tires, new brakes. All repair records. Needs some TLC. Asking \$800 or best offer. (315)-946-6617 or e-mail Dave at dwc15

*If a man empties his purse into his head, no man can take it away from him. An investment in knowledge always pays the best interest.*

*Albert Einstein*

  
**OKTOBERFEST**  
**OCTOBER 1, 2004**  
**Geneva Lakefront**  
**5 - 10 PM**  
**LIVE MUSIC FROM**  
**GENESE VALLEY BAND**  
**GERMAN STYLE FOOD**  
**TICKETS \$10**  
 Ticket price includes admission and 50/50 raffle.  
 For more information contact:  
 The American Red Cross at 568-9436 or 789-1522.

(UNITRAC, continued)

home and login pages.

- Be precise with funding notes and account numbers as well as with your description of the work required.
- It is ultimately your data. Help us keep it useful and accurate for billing and reporting to the faculty and PLs.

**Future Development**

- Stricter requirements for providing account numbers at time of order
- Online help tailored to each page
- Online suggestion box
- Additional special purpose searches (currently these have xx-prefix)
- Training for unit managers and center staff



**SAVE THE DATE**  
**The Next Station Blood Drive is October 4, 2004**

**ENGLISH AS A SECOND LANGUAGE**

Finger Lakes Community College will continue to provide the Station with the English as a Second Language (ESL) classes free of charge.

Classes will meet Tuesday and Thursday evenings from 6:30 - 9:00 PM through December 16, 2004 in the Sawdust Cafe. A Thanksgiving break (November 24-26) is the only scheduled College Holiday this semester.

A new instructor will be teaching the class this year. Lisa Commisso is a certified teacher who has experience teaching ESL and has also served in the Peace Corps. She is looking forward to working with this group of students.

If you need further information or have questions, please contact Sharon Nedrow, Adult Basic Education Program - FLCC, at 585/394-3500 x7431.

VOLUME LXXXV • NO. 18  
 SEPTEMBER 17-OCTOBER 1, 2004

**BRIEFS**

**Special Bulletin**

On September 16, there were several instances of spray-painting overnight on CALS buildings. The buildings reported to us and to Cornell Police were Bradfield, Warren and Kennedy. The graffiti in question related to bioterrorism and 9-11, and was hostile in tone. Campus police have not received reports of similar acts on other parts of campus, thus CALS may be a specific target. Campus police are conducting an investigation.

I am asking all members of the CALS community to maintain extra vigilance and awareness of their surroundings. I am particularly concerned about facilities, such as research labs, greenhouses, fields, etc. If anyone sees any suspicious activity, I would ask that this be reported immediately to Cornell Police.

*Susan A. Henry*

**Bag Lunch**

In an effort to provide communications between administration and staff, Bob Seem has initiated "Bag Lunch with the Interim Director," an occasional get together where staff, faculty and students can join Bob with a bag lunch to discuss...anything. Answers will be attempted to the best of his ability, but not guaranteed. Discussion is open to any topic, although it is expected most people will be interested in current events at the Station.

The seventh Bag Lunch with the Interim Director will be on Wednesday, September 22, in the Jordan Hall Lounge from noon to 1 PM. Of course this is not mandatory, but you are most welcome to come. Drop by for a few minutes or stay for the hour. If you cannot make it but have a question, please send it to Kathy DeRosa (kad2). Hot water, tea bags and coffee will be provided.

(Continued on page 2)

**Cornell-developed Apple Rootstocks Survive Extreme Winter**

Last winter a "perfect freeze" in New York's Champlain Valley destroyed nearly 25,000 apple trees, resulting in losses projected to be as high as \$2.5M. Out of this devastation, comes the encouraging report that two new Cornell-developed rootstocks showed strong resistance to the unusually harsh conditions.

"The new rootstocks in our trial tolerated this cold snap and survived extremely well compared to those in growers' orchards on the standard rootstocks," said Terence Robinson, associate professor in the department of horticultural sciences at the New York State Agricultural Experiment Station (NYSAES) in Geneva. Among five rootstocks showing the most hardiness were Geneva 30 and Geneva 16, which exhibited 96 and 92 percent survivability, respectively.

"In commercial orchards, apple varieties are grafted onto rootstocks that help growers control tree size and productivity, and manage pests, diseases, and environmental stress," said Robinson. "The Cornell rootstocks were developed for tolerance to fire blight, a devastating bacterial disease, by James Cummins and Herb Aldwinckle at the NYSAES from mid-1970 through the mid 1990's. Their survival this past winter demonstrates their extreme cold-hardiness."

Robinson, who specializes in tree fruit systems, and Kevin Iungerman, extension associate with Cornell Cooperative Extension's Northeast NY Commercial Fruit Program, have a five-acre, 3200-tree rootstock trial comparing 16 rootstocks at Chazy Orchards in the Champlain Region. Planted in 2001, the trees were in a unique location to show the effects of the 2003-04 winter. Many of the common rootstocks in the trial showed the same rate of mortality as nearby growers' orchards, but a few of the newer rootstocks proved to be strong survivors.

The trial and commercial trees in the area were subject to some of the harshest winter conditions of the last half-century. The large crop of 2003 coupled with a mild fall and early winter laid the groundwork for the treacherous conditions. A thaw in late December and early January, which was accompanied by rain, led to a loss of snow cover. That was followed by extreme sub-zero temperatures, which penetrated deep into the soil, damaging the root systems of three- to five-year old trees especially.

(Continued on page 2)



*Roger (center) and Mason (right) Forrence of Forrence Orchards in Peru, NY, show Dean Susan Henry the winter damage and the dead rootstocks suffered by over 25,000 apple trees in Northern New York this past winter. Estimates on losses range from \$1.25-\$2.5M.*

L. McCandless

(BRIEFS, continued)

### 2004 Outstanding Employee Award Call for Nominations

Each year the Station Club solicits nominations for an Outstanding Employee. The Outstanding Employee will be announced and presented with gifts at the November 5th Station Club Banquet. Nominators should solicit letters of support for a selected individual and submit all supporting materials to Bill Srmack, Selection Committee Chair, by Friday, October 1.

These packets will be evaluated by a volunteer panel of department and unit representatives. All nominations will be confidential. The panel will convene and select the awardee based on criteria such as:

- a high degree of excellence in job performance
- a friendly demeanor along with strong interpersonal skills that promote teamwork
- A willingness to extend themselves to help others
- A commitment to the goals of the Experiment Station

Other considerations of the Selection Committee will include:

- Quality (content) of the letters - not quantity (number)
- Who wrote the letters (supervisors, co-workers, administrative staff, department chair)
- A diversity of sources for the letters (department, Geneva campus, Ithaca campus, departed visiting scientists)

Community involvement (outside the Station) should not be a strong determining factor. Nomination packets will be accepted through October 1. Please send completed nomination materials to Bill Srmack, PGRU.

Please take a few minutes to think about this and then nominate someone who perhaps has been long overdue for this recognition. Thank you.

*B. Srmack*

### Cornell Pesticide Information Workshop October 15, 2004 8:30 AM to 11:15 PM Jordan Hall Auditorium

Sponsored by the Pesticide Management Education Program and the CALS Dean's Office.

**Agenda:**  
8:30 AM Registration & Refreshments

(Continued on page 3)

(ROOTSTOCK, continued)

According to a survey taken in June by Iungerman, 24,632 trees were lost coming out of the 2003-04 dormant season — and this number is on the rise especially now that the consequences of summer stress and cropload are showing at harvest. Trees that initially appeared to survive are now seen as lost. The survey results also showed the freeze damage killed trees of all ages, but younger and more productive trees were the hardest hit.

Although the 25,000 trees lost represent about five percent of the county's apple tree population, they were predominantly young orchards representing the recent investments by growers and the future production of the area. Growers will have to make considerable new investments to replant the lost orchards.

The economic impact of the loss won't be clear for some time, but Robinson has some numbers that can be used as a starting point.

"Each tree that is three to five years old and is killed represents a \$50 loss if it was McIntosh and a \$100 loss if it was Honeycrisp," he said. "Even working with the assumption that all of the lost trees were McIntosh, the current losses represent \$1,231,600. And that doesn't include the cost of replanting."

The \$50 loss includes the original tree cost plus the lost production that the tree would have produced until replacement trees can begin production.

To avoid the same level of damage in the future, growers are advised to choose wisely among commercially available rootstocks when replanting.

"Although Geneva 16 and 30 are relatively new, they have been tested in several locations in New York and around the country, so they are ready for use now," advises Robinson. "Growers who plant these stocks will have the benefits of using the most highly productive and disease-resistant rootstocks around and will have some insurance against tree death from this type of winter damage."

Growers won't be able to replant immediately with these new rootstocks because they are at the beginning of commercialization, and hard to get at the moment. Three Canadian rootstocks in the trials also showed strong survival rates. These included Ottawa 3, Vineland 1, and Vineland 3.

"Growers may have to leave their plots open for a little while they wait for enough commercial stock, but that small amount of time will be a big help in the future of the farm," said Robinson.

"This exact type of winter cold snap may not happen for another 50 years, but if another event like 2004 comes, growers will protect themselves from losses by planting the new stocks," he concludes.

### Bruce Moore Named New Geneva Fire Chief

Retired Station printer Bruce Moore has been named Geneva's next fire chief. Moore, a volunteer firefighter since 1969, also prepared for his new job by working as assistant fire chief of Hydrant Hose Company since 1990. After a stint as deputy chief, he will take over in March 2005 for retiring Chief Ralph DeBolt.

One of two applicants interviewed for the job, Moore was named chief last week by Rich Rising, city manager. As the chief, he will oversee 18 paid firefighters and more than 100 volunteers.

"I know somewhat what to expect having served as assistant chief for 14 years, but aspects of it will be new, and I'm looking forward to the challenge," said Moore.

It's anticipated that the transition of power will go smoothly. Moore joined the department at the same time as DeBolt and the two have advanced together. With six months of training, Moore should be able to pick up where DeBolt is leaving off.

Bruce retired from the Station on March 30, 2003 — 30 years to the day after he began work here as the Station's printer.



*B. Moore*

Neil Spjohom

## Introducing UnitTrak Workorder Entry and Management System

### Overview and Rationale

With the arrival of the Administrative Service Center (ASC) we understood that a single comprehensive workorder system was possible. Such a system accurately records user's wishes, schedule the work with the proper shop and debits the correct account in a timely manner at completion. When the user enters the information used by the shop doing the work, orders are not lost or misinterpreted. The FRUTrak model was modified and extended by Mart VanKirk. As development progressed we realized that many other features were possible if the data entry was properly controlled.

- For example: It is possible to track activity on a specific plot or report the repair costs of major lab equipment.

- A link to WebFinancials allows users to check account status and specify the preferred account to charge.

- Entry of large workorders covering multiple plots or multiple actions on a single plot is expedited.

- Access control allows tailoring the view and actions allowed.

- Access control gives faculty and leaders with budget responsibility control over who is allowed to initiate orders for their program and allows historical reporting by individual or program.

- Clients and users with dual appointments can enter workorders for more than one program.

- A shop's outstanding workorders can be readily called up.

- A nearly paperless system reduces administrative overhead and results in much more timely debits to proper University accounts.

- Reports in WebFinancials will be more accurate and useful.

Adding all these features resulted in a more complex system to program and use, so a training program was developed to help users quickly navigate through order entry. Extended modules will help departments and those in the center handle further processing.

The UnitTrak login system is designed not only to provide security but also to make the entire workorder and billing process easier for users at every access level. Your access code, Net Id and database password work together to provide customized pages with shorter pick lists.

#### How does UnitTrak work?

- FileMaker tables are served to the web by the UnitTrak system.

- The "support" tables maintained by the Administrative Service Center (ASC), unit managers and shop managers provide the pick lists users see on the UnitTrak web pages. Staff registered at the "User" level can then submit workorders to any unit for any Client that has granted the user access privileges.

- Depending on e-mail preferences, e-mails containing specific information about the workorder are automatically sent to the unit leader, shop manager, client, and user.

- As work progresses on an order, materials used and time spent by shop personnel are added to the workorder's line-item records.

- When a workorder is completed, the unit releases the order for billing and transaction specialists in the ASC verify account numbers from which funds will be drawn to pay for the workorder.

- A billing script runs periodically to upload client (debit) and unit (credit) data from all completed and coded workorders to the Cornell Accounting System. Within a day or so the uploaded transactions appear in WebFinancials.

(Continued in next column)

#### Glossary of Terms

(Presented in the order encountered)

- Access Code—The 4-digit phone code you use when dialing calls, not the voicemail code.

- User Name

- Your Cornell Net ID; must be associated with a client.

- Client—The person with budget responsibility, usually a faculty member or program leader. It can also be a department if the department will pay from general department funds (departments appear twice e.g. "ENT ENT"; B&P uses "ENT facilities ENT" to record work billed to Station maintenance accounts). Clients pay the bill.

- Multiservice/Multitarget—A convenience feature for people entering large workorders covering multiple services or targets (see target).

- Target—The thing that will be worked on such as a field plot, vehicle, room or publication. Strong name control is desirable.

- Service—The general type of work to be done.

- Request notes—The specific details of work to be done (precise and detailed descriptions reduce confusion, errors and delays due to calls for clarification).

- Documentation—How you will send detailed documentation if needed.

- Confirm completed work—For entering workorder to pay for work previously performed in an emergency situation.

- Unit manager—Manages data for the unit and releases workorders for billing.

- Shop manager—Records time and materials.

#### Usage Tips

- To access UnitTrak go to <http://132.236.192.167/ut/login/>

- If you make a mistake, hit the back button on your browser. No data is saved until you hit the **Submit** button.

- Rather than subvert the data with incorrect choices, request the center or unit to add appropriate new targets to the pick lists.

- Bookmarks will only work on the

(Continued on page 6)