

CORNELL  
UNIVERSITY

## STATION NEWS

GENEVA  
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MARCH 3-10, 2000

## BRIEFS

LIBRARIAN CANDIDATES COMING  
TO CAMPUS

Marty Schlabach, interim Geneva librarian, has announced three candidates for the position of Geneva Librarian will be interviewed in March. The three candidates are: March 9-10, Elaine Nowick, University of Nebraska-Lincoln; March 20-21, Sara Rutter, University of Michigan; March 27-28, Amy Paster, Pennsylvania State University.

Each candidate will spend one day in Geneva and one day on the Ithaca campus. There are a couple of open sessions to which all interested faculty, staff and students are welcome to attend. On March 9, from 9-10 a.m., Elaine Nowick will make a presentation entitled "Vision for the Experiment Station Library at Geneva: Potentials and Possibilities." Please mark your calendars and come meet the candidates. Times for the future candidates will follow.

## USDA GRANTS PROGRAM

On March 16, the first grantsmanship workshop using internet-based streaming video will be offered from 1-4 p.m. Sally Rockey and colleagues from USDA-CSREES will be providing information on both Section 401 and 406 competitive grants program.

USDA has a site license for 300 simultaneous viewers using RealVideo technology. The program will be available in both the Biotech auditorium on the Ithaca campus and in the staff room at Geneva for a group presentation using a computer and projector. Everyone is welcome to attend.

GORDON CONWAY TO  
SPEAK IN ITHACA

Gordon Conway, president of the Rockefeller Foundation, will speak on "Biotechnology: Challenges and Opportunities for Global Agriculture" when he addresses

## VITICULTURE 2000 HELD IN BUFFALO

Grape growers from throughout New York, Pennsylvania, Ontario and ten other states converged on Buffalo last week for Viticulture 2000, which was held on February 18 and 19 at the Adam's Mark Hotel. This expanded program and trade show, held in place of the regional Lake Erie and Finger Lakes grape growers conventions, was organized with the active participation of growers and processors, the New York Wine and Grape Foundation, Lake Erie and Finger Lakes Cooperative

Extension programs, and Cornell faculty from Geneva and Ithaca.

An audience of 400 appreciative growers, with strong representation from all production areas in NY (Lake Erie, Finger Lakes, Long Island, and the Hudson Valley) attended ten different sessions featuring local and internationally known speakers from Australia, Washington, California, Pennsylvania, Michigan, and Ontario. They visited 90 exhibitor booths set up in the trade show. They also attended two wine and grape juice receptions, and a banquet featuring industry awards and tributes to the recently deceased Nelson Shaulis and Marvin Sands, founder of Canandaigua Wine Company.

Friday morning's session, *Managing Vine Size: a key to yield and quality*, reviewed how cultural practices can influence vine growth and production. Bob Pool's talk on factors influencing vine size in New York set the stage for other presentations on pruning and canopy management (Richard Smart, Australia), water relations (Alan Lakso), nitrogen (Eric Hanson, Michigan State University), and vineyard mechanization (Justin Morris, University of Arkansas and Terry Bates, Cornell)

In the afternoon, there were two concurrent sessions. One focused on *Viticultural Practices and Wine Quality*, with talks on training systems (Richard Smart), crop control, through thinning (Andy Reynolds, Brock University) and a panel discussion of cultural practices influencing wine quality in California (Jim Wolpert, UC Davis), Oregon (Mark Chien, Penn State Cooperative Extension) and Long Island (Alice Wise, Cornell Cooperative Extension). *Current issues in juice grape production* featured talks on precision agriculture techniques (Bob Wample, Washington State University), sprayer technology (Andrew Landers, Cornell) and foliar fertilization (Maria Dercacz, Univ. of Guelph).

The mid-afternoon session, *Markets for New York Grapes in the 21<sup>st</sup> Century*, started off with talks on global trends in markets for grapes (Barry Bedwell, Allied Grape Growers) and wine marketing (John Gillespie, Wine Market Council). Industry representatives Dave Moynihan of Canandaigua Wine Company, Patrick O'Donnell of National Grape Cooperative, and Dave Peterson of Swedish Hill Vineyards wrapped up the session with predictions on future market trends in the large winery, juice grape, and small winery segments of the New York industry. The session was organized by Jim Trezise of the NY Wine and Grape Foundation.



Tasting wine in the trade show area are (left to right): Richard Smart of Smart Viticulture and former Grad Student of Nelson Shaulis, Jim Finckle of Canandaigua Wine Co., and Bob Pool of the Experiment Station.

PHOTOGRAPHY BY TIM MARTINSON

BRIEFS, continued on page 2.

VITICULTURE, continued on page 2.

*BRIEFS, continued.*

the Cornell Genomics Colloquium on Friday, March 10, at 10 a.m. in the G-10 conference room of the Biotechnology Building on the Cornell University campus.

The talk by Conway, author of the recently released book, "The Doubly Green Revolution: Food for All in the 21st Century", is free and open to the public.

Conway is expected to emphasize the need for a global forum to address the potential benefits and risks of biotechnology, according to his university host, Stephen Kresovich, director of the Cornell Institute for Genomic Diversity. It is Conway's personal belief that such a forum is necessary to calm the increasingly passionate and sometimes self-defeating rhetoric that is polarizing the debate in agriculture, says Kresovich, a professor of plant breeding.

In his March 10 talk, Conway will argue that carefully managed biotechnology, employment of sound ecological principles and increased farmer participation in the development of new technologies -- as well as other innovative strategies for dealing with local problems -- are all interdependent issues that need to be addressed holistically.

The Rockefeller Foundation was founded in 1913 to affirm John D. Rockefeller's mandate "to promote the well-being of mankind throughout the world," and it recently defined its mission for the 21st century "to enrich and sustain the lives and livelihoods of poor and excluded people throughout the world."



VINIFICATION & BREWING  
TECHNOLOGY  
LABORATORY  
Open House

Third Annual Gala Dinner  
Premiere Wine Country Auction  
Friday, March 31, 2000

Ramada Inn, Geneva Lakefront

\$100 per person

(\$50 tax-deductible contribution)

[www.nysaes.cornell.edu/fst/vb](http://www.nysaes.cornell.edu/fst/vb)

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*VITICULTURE, continued.*

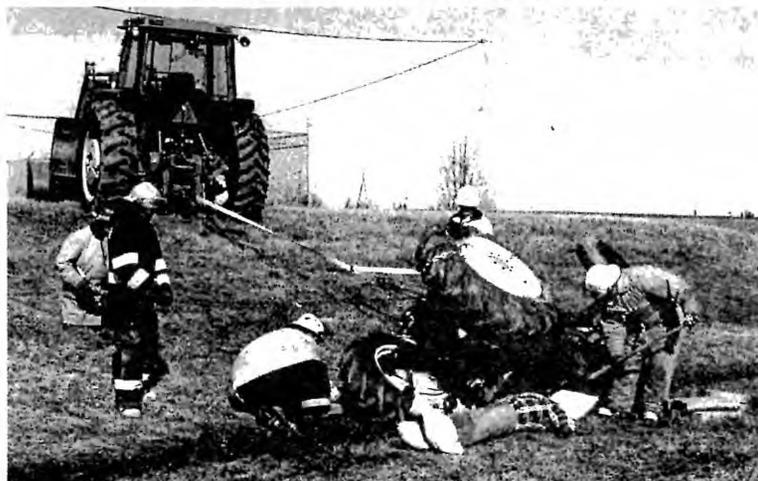
Saturday morning's session, *Roots and Rootstocks*, was organized by Phil Throop, and featured recent results from the joint Cornell/ Penn State root biology project in Fredonia. Dave Eissenstat, Penn State, who collaborates with Alan Lakso and Terry Bates of Cornell on this project, described the timing and average duration of Concord root growth during 1997 and 1998. Terry Bates showed data on relative growth of Concord roots over a range of soil pH. Peter Cousins, USDA Germplasm Repository in Geneva, outlined the origin and characteristics of *Vitis* species in commercially available rootstocks. Jim Wolpert, UC Davis, and Helen Fisher, Guelph University, commented on rootstock trials in California and Ontario. Dennis Rak, Double A Vineyards, closed the session with practical tips on caring for grafted vines.

Other Saturday sessions focussed on special topics. An informal breakfast session, organized by Tim Weigle, IPM, highlighted use of E-mail and the internet for information on vineyard management. In *Retirement and Management transfer of the farm*, organized by Barry Shaffer, speakers Jerry White, Cornell, Tom Waring, financial planner, and Gary Snider emphasized the importance of assessing farm income potential, communication, and tax issues in intergenerational transfers of farms. *Labor in the 21<sup>st</sup> Century* featured talks on migrant labor issues by Brandon Mallory, farm labor consultant, Gail Dash of the NY Department of Labor, and Julie Suarez of the NY Farm Bureau. In *New Developments in Vineyard Establishment*, Alice Wise, CCE Suffolk County, discussed site preparation on Long Island, and Tom Zabadal, Michigan State University emphasized the importance of weed management in vineyard establishment. The session closed with three perspectives on the use of 'grow tubes' by Bob Wample (Washington), Tom Zabadal (Michigan) and Kevin Ker, a consultant from Ontario. *Niagara Grape Production* techniques were featured in the final breakout session, organized by Rich Erdle, National Grape Cooperative.

Early comments from attendees indicated that participants appreciated the wide variety of sessions and topics, the trade show, the chance to interact personally with local and international speakers, and the balance between juice grape and wine grape presentations. Most would like to see this 'joint meeting' format repeated in 3 years.

Success of the program resulted from unprecedented involvement and cooperation of growers, the New York Wine and Grape Foundation, Geneva and Ithaca faculty, and the Lake Erie and Finger Lakes Cornell Cooperative extension grape programs. Major financial support came from the New York Wine and Grape Foundation, Canandaigua Wine Company, and the Nelson Shaulis Fund for the Advancement of Viticulture.

Tim Martinson



Station Employees: Lee Hibbard, Mark Scott, Fred Jensen, Jeff Rios, John Barnard and Bruce Moore participate in a farmedic "responding to rural North America" farm accident rescue training exercise.

# THIS YEAR'S P.J. CHAPMAN FELLOWSHIP AWARDED TO AMY RODA

Amy Roda has been named this year's recipient of The P. J. Chapman Fellowship. Roda along with last year's winner Jennifer Grant were presented with plaques at a ceremony in Barton Lab on February 18th. The Chapman Fellowship is given each year to a graduate student in Entomology as voted on by the Full Professors of the Department of Entomology-Geneva. Candidates are judged on the merits of their achievements while conducting graduate studies. Roda is provided with a full year Fellowship of tuition and fees, totaling \$28,000.

Dr. Jan Nyrop, Roda's major professor was not at all surprised by Roda's selection. He noted that she not only is a fine student and researcher, but also excels at finding funding for projects she is working on, an important asset for any scientist today. Nyrop feels this ability along with her other skills, will lead Roda to a very successful career as a researcher.

Roda's research is focused on how the physical structure of the leaf surface of different apple varieties affects the behavior and population dynamics of the predatory mite *Typhlodromus pyri*. (*T. pyri* is an important biological control agent of European Red mite.) Roda suspects that she received the Chapman Fellowship because of how her research not only offers insights into the fundamental interactions between predators and prey as mediated by the plant, but also the fact that it has practical applications.

Roda says what she really enjoys about her research is, "finding patterns and seeing how wonderfully complex life on a leaf is!" Also, as mentioned above, she likes the idea that her fundamental research may have some applied benefits to growers.

Roda finds her biggest challenge is to know when to stop the experiments. "With each analyzed result there are so many more questions that open up that could add ever more layers to the interactions between the predatory mites, the plant, other insect predators and the prey," Roda says.

Speaking about her future, Roda says she plans to continue with research that asks basic questions that also have practical applications. She is currently searching for career possibilities with academia and the government as well as the biological control industry.

Roda would like to thank her advisors Jan Nyrop and Greg English-Loeb for "their insight and enthusiasm for my project." She also credits Marcel Dicke (University of Wageningen) for his help during her visit to the Netherlands.



Amy Roda (left) and Jennifer Grant (right) with plaques designating them recipients of the Paul J. Chapman Graduate Student Fellowship Award.

## CHAPMAN FELLOWSHIP BACKGROUND

Selection of the awardees is based on the three broad criteria used for nominations for the John Henry Comstock Graduate Student Award in the ESA: 1) scientific quality of research work, 2) publications and presentations, and 3) involvement in professional activities. Candidates are to be judged on the merits of their achievements while conducting graduate studies.

The Chapman Fellowship was endowed heavily by P. J. Chapman, with some portions of that endowment matched by funds provided Cornell University, and additional donations from major donors (over \$10,000 each) including Ed and Nell Glass, Siegfried and Mary Lienk, and Haruo and Hatsue Tashiro., and other friends of the Dept. of Entomology. The endowment totals over \$350,000.

**The Chapman Fellowship was established in the name of Dr. Paul J. Chapman in recognition of his tremendous contributions to entomology. By example and encouragement, he set the highest goals for the department's basic and applied research programs. He was an outstanding researcher in the field with his carefully planned experiments that have provided essential knowledge about the basic biology of fruit pests and their interactions with their hosts. He was hired as a full professor of entomology at the age of 29 in 1929 and subsequently served as Head of the department for 17 years from 1948 until 1965. He retired in 1968 but continued to work on the flight periods of moths and the history of the Station until his death in 1993. In 1992 he established the Chapman Fellowship with his generous gift to Cornell University to ensure that "his" department would continue to inspire young entomologists to follow the principles and insights he had instilled in his colleagues.**

Last year's winner was Jennifer Grant

John Zakour

Wendell Roelofs

CALENDAR of EVENTS

MARCH 3-10, 2000

MEETINGS

**The Geneva Arboretum Association**  
**Date:** Tuesday, March 7, 2000  
**Time:** Noon  
**Place:** Hedrick Hall Conference Room (G19)  
**Topics:** Spring activities, Arbor Day ceremonies

SEMINARS

PLANT PATHOLOGY

**Date:** Thursday, March 9, 2000  
**Time:** 3:30 p.m.  
**Place:** A133, Barton Lab  
**Speaker:** Professor David Geiser, Pennsylvania State University, State College, PA  
**Title:** "Cryptic Species in Fungi"

HORT SCIENCE

**Date:** Monday, March 6, 2000  
**Time:** 11:00 a.m.  
**Place:** Jordan Hall Staff Room  
**Speaker:** Wen-Fei Uva, Senior Extension Associate, Dept. Agricultural Research & Managerial Economics, Cornell University, Ithaca  
**Title:** "Industry and Consumer Trends for Fruit and Vegetables"

FOOD SCIENCE & TECH

**Date:** Wednesday, March 8, 2000  
**Time:** 10:30 a.m.  
**Place:** Food Science & Technology Conference Room, Food research Lab, Second Floor  
**Speaker:** Olga Padilla-Zakour, Ph.D. Food Science and Technology, Geneva  
**Title:** "The Northeast Center for Food Entrepreneurship: Building on the New York State Food Venture Center"

FITNESS

AEROBICS AT THE SAWDUST CAFE

**Date:** Wednesday and Friday  
**Time:** 12:10 to 1 p.m.  
 This group uses the videotapes of the fitness expert "Gilad." VCR and tapes are provided by the Station Club. For more information contact Julie Kikkert at x2221 or jrk2@cornell.edu.  
*Continued in next column*

TAEKARDIO

**Date:** Monday, March 6, 2000  
**Time:** Noon  
**Place:** Jordan Hall Auditorium  
**Date:** Wednesday, March 8, 2000  
**Time:** Noon  
**Place:** Jordan Hall Auditorium

NOTICES

CORNELL FINGER LAKES CREDIT UNION MEMBERS

A new and improved P. A. L. (phone access line) is now available. Please call (2203) or e-mail me at (cmd4@cornell.edu) for the instructions.

Charlene Dunham

CONTRACT SIGNED

The Geneva Medical Associates have signed a contract, confirming their participation in the Empire Plan effective March 1, 2000.

Charie Hibbard

ANNUAL PESTICIDE UPDATE

**WHEN:** Thursday, March 30; 9:00 - 11:45  
**TIME:** Registration and refreshments: 9:00 - 9:30. Program begins promptly at 9:30.

**WHERE:** Jordan Hall Auditorium

**WHY:** The CALS Pesticide Use Policy requires that all CALS personnel who use pesticides must be certified and must attend an annual update program.

The CALS Pesticide Use Policy defines use of pesticides as: application of pesticides including general maintenance applications for pest control on plants and animals, efficacy testing, impact on biological control agents, leaching, residue analyses, environmental fate, etc.;

- direct supervision over one applying pesticides as described above;
- teaching/demonstration of pesticide applications and/or use;
- recommendation of pesticide application or use.

**WHO MUST ATTEND:** All college personnel, including faculty, who use pesticides in their research, teaching, and extension programs/activities. For those unable to attend on March 30, a videotape of the  
*Continued in next column.*

program will be available at a later date. Watching the videotape will qualify for DEC recertification credits and will satisfy the requirements of the CALS Pesticide Use Policy.

**REGISTRATION:** No pre-registration is required. Attendees will be required to sign a roster. DEC recertification credits for commercial applicators are pending. Bring your Pesticide Applicator ID card with you. Separate credits will be issued for each session - we are aware that not everyone uses knapsack sprayers.

AGENDA:

- 9:00 - 9:30: Registration and Refreshments
- 9:30 - 10:30: Changes to the New York State Pesticide Applicator Certification Regulations (Ron Gardner, Sr. Extension Assoc., PMEP)
- 10:30 - 10:45: Break
- 10:45 - 11:45: Everything You Ever Wanted to Know About Knapsack Sprayers (Andrew Landers, Extension Assoc., ABEN)

CLASSIFIED

**DONATIONS** of old towels for dog and cat beds are needed for the City of Rochester Animal Shelter. If you have some old, clean towels that you would like to part with, please contact Frank at x2406 or fpw1. Thanks!

**FOR SALE:** Loveseat and matching highback chair, floral print. Excellent condition. \$200. Contact Dave at x2220, or 781-1217.

**FOR SALE:** 1989 Ford Escort LX, 4 door hatchback, 5 speed, one owner, 168k miles, some rust. Maintenance records available, runs well. \$1100. Contact me at: mes33@cornell.edu

**FOR SALE:** Refrigerator and electric range and electric dryer. All in excellent condition. Call Nancy at x2313 or 789-5485.

**FOR SALE:** Casio electronic keyboard with stand. Model CT 620. Full size keys. \$100. Contact John Ludwig at x2407, jwl2@nysaes.cornell.edu or 539-3155.

**WANTED:** Tops grocery tapes in support of Geneva High School's Marching Band/Color Guard. Please send tapes to Judy Birkett, Jordan Hall.

**DAY CARE OPENING:** Full or part-time. Some restrictions apply. Call Penny VanKirk at 789-9518.

**WANTED:** Used cross country ski equipment. Cheap. We could use kids or adult equipment. Contact Marty VanKirk at mwv1 or Penny at 789-9518.

**FOR SALE:** Scuba equipment: oceanic ocean sport BC, size: M, near mint, black with blue trim, comes with blue carry bag. \$300, or best offer. Contact Mike Fordon at x2214 or mpf8.

**WANTED:** Tops grocery tapes. The tapes are a fund raising activity in support of the Geneva High School marching Band/Color Guard. Please send tapes to Judy Birkett, Jordan hall. Thank you.