

CORNELL
UNIVERSITY

STATION NEWS

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BRIEFS

FIRST ON THE SCENE FARM
SAFETY PROGRAMFOR ALL STATION PERSONNEL WHO
OPERATE AGRICULTURAL EQUIPMENT

On January 6, personnel from FRU and the United States Department of Agriculture attended the First on the Scene Safety Program with good reviews for the information they acquired. If there are other Station personnel whose duties include operation of agricultural equipment interested in this seminar, it will be possible to schedule another session in late February. The three-hour program covers how accidents happen, procedures to follow in case of an accident, and how to handle an emergency situation should one occur. If you are interested in attending, please call Lee Hibbard (FRU) at 789-5827 or e-mail lgh6. If there is enough interest among Station personnel, a time, date and place will be set.



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

\$3.8 MILLION USDA GRANT TO CULTIVATE FOOD ENTREPRENEURSHIP

The New York State Agricultural Experiment Station and the University of Vermont will receive a four-year, \$3.8 million grant from the United States Department of Agriculture to nurture small food-processing ventures into solid businesses by funding the Northeast Center for Food Entrepreneurship. U.S. Agriculture Secretary Dan Glickman announced January 10.

"Entrepreneurship is increasing in the rural and urban landscapes of the Northeast. It is an important concept to support," says Olga Padilla-Zakour, assistant professor of food science and director of the Northeast Center for Food Entrepreneurship. "With this funding, we will be able to provide entrepreneurs with all the tools and information they need to start a food venture correctly."

Glickman unveiled plans Monday for \$180 million in new USDA projects aimed at boosting the rural economy, promoting agricultural research and developing new agricultural products. About \$60 million was specifically earmarked for the Fund for Rural America grants, part of which will fund the Northeast Center for Food Entrepreneurship.

While small businesses represent the largest growth area in today's economy, food processing companies and specialty food companies, in particular, represent one of the largest segments of growth. In fact, specialty food-product business earnings totaled \$33.7 billion nationally in 1997, up 7 percent from 1996.

The new center nurtures small food-processing businesses by assisting entrepreneurs in business planning, regulation adherence, controlling food safety and boosting the chance of long-term success. The Northeast Center for Food Entrepreneurship also will provide help with research, education and extension information on scientific, technological and general business aspects of the food-processing business. It will ensure that the latest technological advances and safety guidelines are transferred from researchers to the individual entrepreneurs and their products and then, ultimately, to the marketplace.

In New York, Cornell now assists small food entrepreneurs through the New York State Food Venture Center, an extension program of the university's Department of Food Science and Technology. Its mission is to promote new food processing concerns by facilitating licensing, establishing an understanding of safe food processing, encouraging successful business planning and guiding parties through permit procedures.

Since the New York State Food Venture Center started in 1988 under the directorship of Donald Downing, it has assisted more than 1,500 entrepreneurs. In 1997 the center handled 380 general inquiries, of which more than 250 were specifically for new products. In fact,

(Continued on page 2)



Olga Padilla-Zakour will be the director of the Northeast Center for Food Entrepreneurship.

NYROP PROMOTED TO FULL PROFESSOR

Jan P. Nyrop has been promoted to full professor of entomology at Cornell University. Nyrop specializes in biological control, pest control decision making, and quantitative population ecology. He came to Geneva in 1982 as an extension associate in the IPM program, and accepted an assistant professorship in the entomology department in 1985. He was promoted to associate professor in 1991.

"Jan came into our department to enhance our overall quantitative skills and biocontrol expertise," said Dr. Wendell Roelofs, chairperson of the entomology department in Geneva. "Initially he became a major player in the internationally renowned fruit IPM team, and then collaborated with additional faculty in developing and validating pest control decisions on major pests of turf and vegetables as well. Jan's pervasive research reaches out to encompass the whole department and binds it together as a cohesive unit. He also has been our resident computer expert throughout the years of our metamorphosis to a computer-based environment.

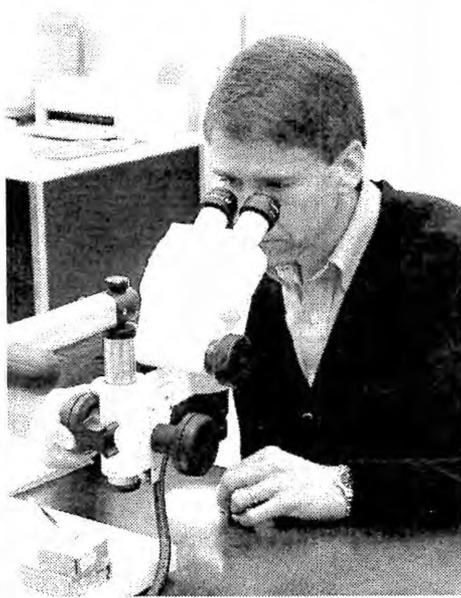
"Jan has also enthusiastically spread the joy and importance of insect research through many presentations to school kids, undergraduates, and graduate students, and to the public on numerous Station tours," Roelofs added.

Nyrop's program is multifaceted. He strives to increase the understanding of the ecology of pests and their natural enemies for the purpose of improving pest management systems. He also seeks to develop knowledge and tools for improving crop protection decision making, which, according to Nyrop, "runs the gamut of statistical methodology, understanding the impact of pests on crop yield and quality, and risk assessment analysis." Nyrop also uses his background in and experience with quantitative methods to leverage other investigations. Finally, Nyrop seeks to engage in teaching and outreach to promote better understanding of crop protection decision making, pest management, insects, and population ecology.

"Developing a mite biological control program in apples that can be successfully used throughout the Northeast" is the accomplishment of which Nyrop is most proud. He has a book soon to be published by CAB International: *Sampling and Monitoring in Crop Protection: The Theoretical Basis for Developing Practical Decision Guides*. Included will be an electronic version written in MathCad which will allow users to make all the computations described in the book. Nyrop co-authored the book with two men he calls very fine colleagues: Wopke vanderWerf of Holland and Michael Binns from Canada.

In talking about the future, Nyrop plans to steer the same course. "I don't foresee any dramatic shift in my research program," he said. "Over the next several years I plan to continue working with mites in grapes and develop further insights into how plant characteristics influence mite dynamics." He also plans to continue work on spatial ecology of insects that has till now focused on scarab grubs. "A new area of inquiry will be the ecology of exotic arthropods from the perspective of predicting invasiveness," he said.

Nyrop received his B.S. in Wildlife Ecology in 1977 from the University of Maine. He received his M.S. in Entomology in 1979, his M.S. in Systems Science in 1982, and his Ph.D. in Entomology in 1982, all from Michigan State University. Before coming to Geneva,



Nyrop worked as research assistant in the Department of Entomology at Michigan State University and as a forest insect specialist for Michigan DNR, Forest Management Division. He is a member of the Entomological Society of America, American Statistical Society and Phi Kappa Phi. Nyrop has had over a hundred publications ranging from peer reviewed journals to trade journals to books to computer programs.

On the personal side, Jan is married and has two children. His wife Jeri teaches at the middle school. His daughter, Jessica, is a senior in high school who plans to pursue an architecture program in college next fall. His son, Jason is a freshman with interests in biology and chemistry. Both kids play lacrosse and ski. Jason is also an avid sailor. For exercise and relaxation, Jan runs, cycles, and skis. He ran his first marathon last fall (Toronto) and plans to run two more this year. He also enjoys woodworking, including designing and building furniture.

J. Zakour

USDA grant, continued

84 new, licensed food processors and 319 new or improved products resulted from the service.

Prior to this new federal grant, Cornell's Food Venture Center gave little, if any, marketing and business support to entrepreneurs, says Padilla-Zakour. But with federal funding and the partnership with the University of Vermont, the Northeast Center for Food Entrepreneurship will be able to offer technical and marketing expertise.

While Padilla-Zakour will serve as the center's director, Richard A. Durst, Cornell professor of food science and chair of the food science and technology department at the Station will serve as the center's administrator.

Says Padilla-Zakour: "This will create new jobs in rural areas, help new food company start-ups, provide workshops and website information, and enhance food safety. You can't believe how excited we are to receive such a substantial grant. With it, we can go a long way in nurturing business start-ups in the Northeast."

B. Friedlander



ON SPECIAL ASSIGNMENT

Bruce Moore of Communications Services was one of four Geneva firemen on duty during First Lady Hillary Rodham Clinton's visit to Hobart and William Smith Colleges Tuesday, January 11. Mrs. Clinton was the first guest for the President's Forum, a new lecture series sponsored by HWS President Mark Gearan. A crowd of 2,000 gathered to hear Mrs. Clinton discuss the merits of public service with HWS seniors Jennifer Leshnower and Michael Harms before opening the discussion to the audience.

The First Lady paused for this photo op with Assistant Fire Chief Moore (left) and former Fire Chief Carlton Naegley as she left the Sport and Recreation Center for a meeting with area Democrats at Nonna's Trattoria downtown. As one of the organizers of the invitation-only gathering, Pat Blakeslee, also of Communications Services, was among a handful of guests honored to meet Mrs. Clinton before her formal presentation to approximately 130 Democratic supporters. (Photo: John Oughterson, PGRU)

TAEKARDIO IN JORDAN HALL

A group of 15 or so Station employees have become regulars at the biweekly taekardio classes held during Monday and Wednesday lunch hours in Jordan Hall. Instructors Tina and Sue, from Geneva Martial Arts, create a friendly and supportive atmosphere for the rigorous 45-minute workout. They encourage everyone to work at his or her own pace (yes, it's coed).

"They're there to help you get the most out of the exercises," says Judy Birkeit of Administration. "It's hard to keep up sometimes, but it's a lot of fun."

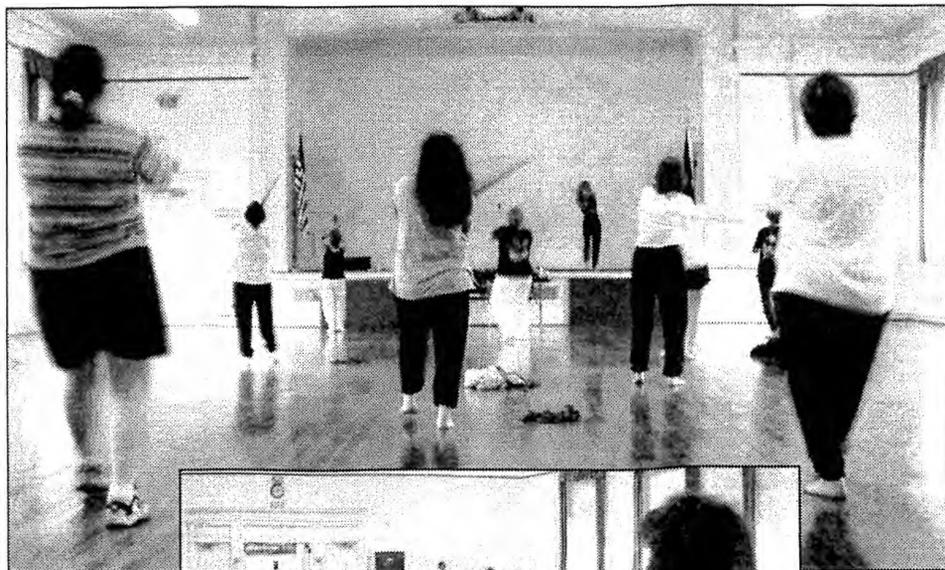
A new six-week session starts next week. Participants may pay \$20 per session or \$4 per class.

BRING A FRIEND DAY

For anyone interested in checking out the class

Date: January 17 and 19
Time: Noon-1 p.m.
Place: Jordan Hall Auditorium

Tina and Sue, from Geneva Martial Arts, have started their second six-week session at the Station. Mark your calendar and plan to come check out this fun exercise program. You just might get hooked!



CALENDAR of EVENTS

JANUARY 14-21, 2000

MEETINGS

Tuesday, January 18, 10:30 a.m.
GENEVA FACULTY MEETING
 Room A-133, Barton Lab

SEMINARS

HORTICULTURAL SCIENCES

Date: Monday, January 17
Time: 11 a.m.
Place: Jordan Hall Staff Room
Speaker: Jose Saenz, Ph.D. Candidate Fruit and Vegetable Sciences
Title: "Mineral Nutrition of Grapes and Its Relation with Alternate Bearing"

PLANT PATHOLOGY

Date: Tuesday, January 18
Time: 3:30 p.m.
Place: A133 Barton Lab
Speaker: Dr. William C. Johnson, USDA-ARS
Title: "Screening for Disease and Insect-Resistant Apple Rootstocks"

LTC

January 19, 2000, 2-4 p.m.
Dreamweaver Part I
 Learn to create your own web page using Dreamweaver.
 Some of the topics that will be covered are:

- Creating and editing web pages
- Object, properties and launcher
- Tables, links, images and anchors
- Preferences

Jane Irwin - Instructor.

FITNESS

AEROBICS AT THE SAWDUST CAFE

Date: Every Monday, 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 jrck2@cornell.edu.

UPDATE

Date: Tuesday, February 15, 2000
 Register no later than February 4 for the Greenhouse Management Update offered in Geneva. This year there will be two workshops offered from 8:30-3:30, in Jordan Hall Auditorium. DEC recertification credits will be offered for each session. Moderator will be Aimee Roberts.

Morning session (8:30 a.m.-noon)
Nutrient Management Workshop
 Introduction: (Mary-Lynn Cummings)
 Backflow Prevention (Barry Smith)
 Principles of Nutrient Management (Dr. Thomas Weiler)
 Calculating, Calibrating and Weighing Fertilizers (Andy Leed)
 Pesticide Injectors- A Crash Course (John Kumpf and Andy Leed)

Afternoon Session (1:30-3:30 p.m.)
Pest Scouting Workshop
 Introduction (Mary-Lynn Cummings)
 Principles and Identification (John Sanderson)
 Record Keeping Scouting Tour and Identification (Jana Lamboy)

Everyone should bring: current scouting forms (preferably filled out), a hand lens or tools currently being used for scouting, and ideas and questions we can share with each other.

The program is being set up and administered by Mary-Lynn Cummings, assistant director of occupational and environmental health, CALS, at Cornell.

This program is aimed at greenhouse personnel, and is separate from the annual pesticide update to be offered later in the spring. All Geneva personnel involved with greenhouse research or greenhouse project maintenance are encouraged to attend.

Registration (via phone or email) to Gary Chicoine (X2293, gdc2) no later than February 4. Questions also may be directed to Gary Chicoine.

**STATION CLUB BOWLING PARTY
 February 5, 2000**

Use the form in this issue of *NEWS* to sign up **no later than January 31.**
To bowl: \$9, member; \$11, non-member.
To watch with refreshments:
 \$2, member; \$4 non-member.

CLASSIFIED

FOR SALE: 2 Port Mac USB Upgrade (designed for PCI based PowerMacs): \$40. Contact John Zakour x2249.

FOR SALE: 1990 Cheverolet Berretta, 116000 miles, no rust (spent most of its days in Florida) with A/C and cruise control. Just had checked out by a mechanic and said the engine is in good shape. Please contact soon if interested (x2407 or x2474).

FOR SALE: Honda Accord LX (1987, 134 k miles) runs smooth, and is in good condition. Automatic transmission, power windows & mirror, power & tilt steering, stereo, AC, and cruise control. New timing belt, four new tires, two new rear ball joints, one new front axle & control arm, new water pump, and new brakes. Price: \$2,000, or best offer. Contact 787-2344 (office), 789-0107 (home) or sej7@cornell.edu, and ask for Seong.

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

CAR FOR SALE: 1990 Chevrolet Beretta GTZ, 115,00 miles, air, no rust. Car was checked out by a mechanic who said the engine is in good shape but the car needs a new timing chain and wheel bearing. Edmunds.com lists resale price at over \$3,000 but I am asking \$1,200 due to needed repairs. Please contact Tim at tlw10 or x2374.

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

FOR SALE: 1990 Honda Civic (3 door), gold with brown interior. NO RUST. New tires, cv joints, brakes, shocks and exhaust. Stereo cassette plus an extra stereo cassette (the newer one's digital- I was going to swap them out but didn't have time. We'll even throw in a set of chains for nasty weather.) 130,000 miles. Gets great gas mileage and can haul a lot of stuff. Contact us by e-mail (mlk25@cornell.edu) or by phone (x2419, 789-5345, home) if you are interest. Mike and Helen Kirby.

FOR SALE: Men's size 10 hockey skates. Never used, asking \$35, originally \$50 new. Contact Jim at jpe6@cornell.edu or ext 2378.

