

CORNELL  
UNIVERSITY

## STATION NEWS

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## BRIEFS

DEFENSIVE DRIVING COURSE  
OFFERED

A Defensive Driving course will be held June 24 in the Lounge, Jordan Hall. On a space-available basis, Station members who want to take the course for personal reasons may do so but will need to request personal or vacation time from their supervisor to attend. The six-hour course will be from 9:00 am-noon and 1:00-4:00 pm. The charge of \$28.00 will be paid by the individual Station member. Up to four points may be removed from an individual's license and/or a reduction in auto insurance premium may be incentive to attend this course. Confirm the savings with your insurance company.

To reserve a space, call Charlene Dunham at x203 or send her an e-mail at: cmd4@nysaes.cornell.edu

STATION TEAM WINS  
CORPORATE CUP

The Experiment Station won the YMCA Corporate Cup competition for the second straight year by taking four first places and three second places in the nine events. The swimmers (Corral, Fagoaga, Felicetti, and Wieman) were very good but could not overtake a strong YMCA swimming team in the 200 m relay race. The same result came in the inner tube relay race (Corral, Fagoaga, Felicetti, and Lakso). However, in the 0.7 mile race-around-the block, the Exp. Sta. runners (Wieman and Hokanson) dominated so ferociously that the nearest competitor in the male and female race were not even in sight on the last turn (1/2 block from finish). The volleyball team (Wallace, Grant, Lakso, Thibault) then cruised through a marathon

(BRIEFS Continued on page 2)

NELSON SHAULIS  
RECEIVES ASEV  
AWARD

Professor Emeritus Nelson J. Shaulis is considered by many to be one of the fathers of modern viticulture. The distinguished scientist will receive the American Society for Enology and Viticulture's (ASEV) highest award at the society's annual meeting in San Diego in July.

The ASEV Merit Award recognizes outstanding individual achievement in the field of enology or viticulture and is given to those persons who have contributed to the field in an outstanding and distinguished manner. Justin R. Morris, the 1996 Merit Award recipient from the University of Arkansas, will present the award to Shaulis after he delivers his address on July 2.

"I was very pleasantly surprised that the 1997 ASEV Award of Merit was made to me," said Shaulis, who retired from the Experiment Station in 1978. "Because the award comes 19 years after my retirement, it obviously reflects on the viticulture research program that was conducted during my pre-retirement career at the Experiment Station. That program involved many other people, including department and Station administration, as well as support specialists at Geneva and the Vineyard Laboratory in Fredonia."

Shaulis, who is as sharp as he is modest, was the viticulturist on two celebrated research teams. One team, consisting of research specialists, Messrs. Herman Amberg and the late Donald Crowe, and Shaulis, developed the Geneva Double Curtain (GDC) training system over 30 years ago. A second team, consisting of Professors E.S. Shepardson, from the ag engineering department at Cornell, the late James Moyer in Food Science, and Shaulis, worked concurrently to develop a mechanical grape harvester designed for the GDC that has become an industry standard.

Dr. Shaulis is being recognized by his peers for his lifelong commitment to viticulture research and teaching," said Robert Pool, who is the current Professor of Viticulture at Cornell. "As a former student and colleague, I know the extent to which he has been responsible for many important advances including research on mineral nutrition, rationalization of pruning, and membership on the Cornell team that developed machines to harvest vineyards."

Shaulis' most lasting and important contributions result from his work on grapevine canopy management. "Dr. Shaulis' concepts have been applied in every major grape producing region of the world, and served as the knowledge base which allowed new world wine growing to emerge as a major factor in international trade during the last 20 years," said Pool.

Industry representatives agree. "Dr. Shaulis' contributions have shaped the modern

(Continued on page 2)



*(BIKE WEEK, cont.)*

grape growing industry not just in New York, but throughout the United States," said Jim Trezise, president of the New York State Wine & Grape Foundation. "The Geneva Double Curtain training system is his landmark, but he has made so many contributions, it is impossible to list them all."

Trezise speaks for many, when he says, "Nelson's wonderful knowledge combined with his wonderful personality make him a unique individual."

**Geneva Double Curtain An Industry First**

The Geneva Double Curtain (GDC) system was initiated at the Experiment Station in Geneva in 1960 and grower trials started in 1964. It was the first divided canopy training system. Under this system, vines are trained to bilateral cordon wires located 5-6 feet above the vineyard floor, and the vines are short cane pruned. There is a four-foot division between the two top wires for each row of grapevines, and cordons are established along each wire. Vines in the row are alternated to the left or right cordon wires which gives the celebrated double curtain effect. The system effectively doubles the cordon length per acre of vineyard.

Advantages of the GDC system are many. It increases leaf exposure to sunlight,

which results in better fruit and vine maturation, and increases yield. Vineyards managed in this way are better adapted for mechanical harvesting. The GDC is documented in Bulletin 811, dated July 1967, which is still one of the Experiment Station's most frequently requested bulletins, according to Bulletin librarian, Beverly Dunham.

Shaulis' has also conducted important research on factors to consider in siting vineyards, grapevine physiology, vineyard mechanization and management, mineral nutrition, rootstocks, and canopy microclimates. He is an expert in defining attributes of site, growth, canopy, and crop in vineyard management. He also has pioneered the current interest in canopy management by documenting the negative impact of interior leaf shading and by providing new ways of measuring and expressing canopy density.

Shaulis' long and distinguished career began at Penn State, where he graduated with a B.S. in horticulture in 1935, and a M.S. in agronomy in 1937. He received his Ph.D. in Soils from Cornell University in 1941. He served as a Soil Conservationist with the USDA Conservation Service from 1938-44, while he was also the assistant pomologist at Penn State. In 1944, he became Assistant Professor of Pomology at

Cornell at the Agricultural Experiment Station in Geneva where he served as Professor of Pomology from 1948-67. From 1967-68, he was a Fulbright Scholar in Australia. He became Professor of Viticulture at Cornell from 1967 until 1978, when he retired. He remains very active in the field, and is a treasured sight on the Geneva campus as he walks to his office in Sturtevant Hall from his home on North Street early every afternoon.

Shaulis is a Fellow of the American Society of Horticultural Science, and a member of the American Society of Agronomy, the Soil Science Society of American, and an honorary member of the ASEV. He received an Award of Merit from the Society of Wine Educators, and the American Wine Society, and received the award for Outstanding Achievement from the Eastern Section-ASEV, in 1984. In 1990, he was cited for his extraordinary contributions in viticultural research by the New York Wine & Grape Foundation.

The Merit Award has been awarded annually since 1955. Past award winners include Charles Nagel, Robert Mondavi, Charles Fournier, Ernest Gallo, Edmund Rossi, and Elbert Brown, among others.

*L. McCandless*

*(BRIEFS, cont.)*

3-hour elimination contest with the other four teams and never lost a game. Some momentum was lost as the team took last place in the large Twister game (misunderstanding of the instructions right at the beginning), and then took a second in the Jell-O Slurp as Thibault finished way ahead of everyone, but had to wait for Arehart to suck it up. The team was mediocre in the Obstacle Course and got a 3rd, which made it important to do well in the last two events. In the Tug-Of-War, the team (Grant, Fagoaga, Wallace, Thibault, Lakso, Arehart) was great (with Arehart pulling backwards on hands and knees as anchor) and won all 4 pulls. Finally, the many long hours of practice on a team cheer paid off as they also won first place in the Spirit event. It was rewarding to find that some people even recognized that the beating on various noisemakers along with the rhyming words was a takeoff of STOMP. It was a great time and the event achieved the purpose of bringing employees of various corporations together for some fun competition.

*W. Roelofs*



*Station Corporate Cup team members display their winning ribbons, this year's trophy, and a picture-plaque of last year's Station champion team. Team members are: Front row, L to R: Pat Wallace, Karen Hokanson, Wendell Roelofs (Coach), Bill Arehart. Back row, L to R: Jennifer Grant, Carmen Fagoaga, Al Lakso, Dave Felicetti, Dave Wieman, John Thibault. Missing from picture: Rosa Corral*

## COMPUTER WORKSTATION ERGONOMICS PROGRAM TO BE PRESENTED

Plan on attending the Ergonomics Program to be presented June 30, from 1:30-3:00 pm in the Auditorium, Jordan Hall. The training program will cover computer workstation ergonomics and is designed to inform individuals about:

- Injuries which may arise due to continued computer usage.
- Risk factors involved with computer workstation operations.
- Proper placement of equipment and task rotation to reduce risk factors.

**"Just stand aside and watch yourself go by,  
Think of yourself as 'he' instead of 'I'."**

—STRICKLAND GILLIAM—



## LEE RECEIVES McCLINTOCK AWARD



*Po-ching Lee received the Barbara McClintock Award last week. She is pictured here with her advisor Alan Taylor, department Chairman Hugh Price, and Jim McFerson, who wrote a letter of support for her nomination.*

**L**ate Friday morning, June 13, a small crowd of students and faculty gathered for cake and ice cream in the horticultural sciences department to offer their congratulations to Po-ching Lee ("Dora"). Lee, a student working for Alan Taylor, is one of two recipients of this year's Barbara McClintock Award. According to department chairman, Hugh Price, no one is more

deserving. "She is a delightful person and an excellent student," notes Price.

The Barbara McClintock award, named after a famous Cornell geneticist, is given to Cornell graduate students who show extraordinary potential and dedication. Though the competition is fairly new, it is open to eight fields of Plant Science. Lee was nominated in Crop Sciences.

Lee started at Cornell in 1991 and is finishing her Ph.D. in the Department of Soil, Crop and Atmospheric Sciences. Recognition for her hard work is nothing new to Lee. In 1995, she won a Cornell graduate student oral competition and attended a graduate student research symposium. She has also gone to international conferences in China, Japan and Taiwan, her home country. In addition to being dedicated to her studies, she is also the director of Cornell's Taiwanese folk chorus, though she refused to sing on Friday.

Lee received a certificate and a check for \$1,000. Smiling, Lee said, "This award is an honor not only for myself but also for Dr. Taylor's program."

*L. Spittler*

## WHERE HAVE ALL THE FOXES GONE?



**I**n April, Dave Gill from Horticultural Sciences, spotted a family of seven red fox kits on Loomis Farm. It was a pleasant discovery because foxes

offer excellent mouse control on fruit farms and decrease turkey damage in vineyards. Rarely do they pose any threat to the people working there. "Wild animals tend to be more afraid of us than we are of them," noted FRU manager Mark Scott. "They're really only dangerous if they have a disease like rabies."

Only weeks after the fox family was discovered, Scott found one of the kits barely alive and contacted Mary Beth Sterling from Food Science, who is one of three licensed wildlife rehabilitators in the county. She took the kit to her home in Phelps where it died. She then sent it to Dr. Ward Stone at the NYS Wildlife Resources Center for a rabies test. It was negative, but further testing may reveal why the fox died.

Gill frequently spots a second kit around Loomis Farm. Though the kit is apparently eating well, he does have a bad case of mange, a contagious skin disease caused by tiny, parasitic mites. Not only is mange terribly uncomfortable, but it can be indirectly life threatening. As the mites burrow under the skin, their host may scratch so much that it starts to lose significant amounts of fur. This is not too serious at the start of summer, but a warm coat is critical to a fox's survival in the winter. "If he doesn't die, eventually his body will fight back worms, mites, and diseases and he will become a tolerant carrier, like his mother," said Gill.

As for the remaining fox kits, they have not been seen since the first fox died. Bob Lamoy from the Montezuma Wildlife Refuge offered a number of possible explanations.

"Red fox kits tend to stay loosely together throughout the summer, so it would be unusual for them to disperse to surrounding areas this soon," he said. However, if foxes feel threatened, the whole den may move.

Since the kits received so much attention and now five out of seven are missing, this is a real possibility.

A less optimistic possibility is that the foxes met with some predators. The number one natural killer of red fox in this area is the farm dog. Running a close second is the coyote, which will go after red fox for both the den and dinner.

Another prospect is that the fox kits were shot. Though there is a red fox trapping and hunting season that runs from late October to mid-March, "menacing" foxes, raccoons and beavers may be eliminated on private property at any time without a special permit. According to the D.E.C., a second wave of rabies through the Southern Tier in the last five years has broadened the definition of "menacing." Now, an uninhibited fox may just as likely be sick as friendly, and people are less willing to take any chances.

If anyone does happen upon one or more of our Loomis foxes, observe quietly from a safe distance for your own protection and so as not to scare the animal away. It's a small price to pay for services rendered.

*L. Spittler*

## CALENDAR of EVENTS

JUNE 20-27, 1997

## EVENTS/MEETINGS

**Tuesday, June 24, 9:00 am**

Lounge, Jordan Hall

*Defensive Driving Course (see related story)***Friday, June 27, 10:30 am**

Staff Room, Jordan Hall

*Worker Protection Standard Training (see related story)*

## SEMINAR

## FOOD SCIENCE &amp; TECHNOLOGY

**Date:** Tuesday, June 24**Time:** 10:00 am**Place:** FST Conference Room**Speaker:** Kathryn Diebler  
Graduate Student, Cornell-  
Geneva**Topic:** Aroma Analysis of Coffee Brew  
by Gas Chromatography-  
Olfactometry and Charm  
Analysis

## CLASSIFIEDS

**HOUSING NEEDED:** Department Chair with husband, child and optional fat cat seek 2-3 bedroom apartment or house to rent. Need by August 1. Please call Helene or Victor Dillard at 253-5001 or x469 or email hrd1@cornell.edu.**4-FAMILY SALE:** Friday and Saturday, June 20 and 21, from 9:00 am-4:00 pm. 35 N. Walnut Street, Waterloo. Something for everyone—baby items, furniture, housewares, etc.**FOR SALE:** 1986 Chevrolet Nova, 4-door sedan, very good condition, 130,000 mi., snow tires. Very well-maintained, all records provided. Asking \$950. Available any time after July 4, possibly sooner. Call Bill Edinger at x277, e-mail wde1@cornell.edu, or leave a message at 789-7223 any time.**CATNEEDS HOME:** Beautiful, affectionate adult spayed cat needs a new home (family moving to California) She's friendly, a real "talker" (but not a howler), and loves to be around people. Supply of food included. Call Bill Edinger at x277, e-mail wde1@cornell.edu, or leave a message at 789-7223 any time.**HOUSING NEEDED:** Couple with 8-year old child returning to area beginning of August seeks housing. Would be interested in a house-sitting situation. Contact Janice Allen at 789-2690.

## STATION SOFTBALL

**Last week's results:**

Thursday, June 12 PGRU def. FSPE

Wednesday, June 18 HS/X-tras def. PGRU

**This week's schedule:**

Tuesday, June 24 HS/X-tras vs. Serv Staff

Thursday, June 26 PGRU vs. FSPE

## CREPES LOSE BY A LICK AND A NOSE

For the fourth year in a row, the Cornell food product development team was a finalist in the prestigious Institute of Food Technologists' (IFT) national product development competition. But, at this week's IFT Annual Meeting and Food Expo in Orlando, Florida, the team's hopes of having a "three-peat" were dashed by students from the University of Nebraska.

The Corn Huskers' frozen "Twist Steaks," consisting of marinated pork and beef cuts rolled and sliced into pinwheels, beat out "Swiss Crepes," from Cornell; "Raspberry Wisdom," a ginkgo-fortified raspberry lemonade from UC-Davis; "Apple Crunchers," a minimally-processed apple snack from the University of Georgia; "Pizza Sweets," which are half-cinnamon, half-pizza flavored rolls; and "WafFills, which are microwavable, strawberry filled waffles, from Kansas State.

Kathy Kobayashi, who works with Cy Lee, and Kathryn Deibler, who works with Terry Acree, are graduate students in Food Science at Geneva and were members of the 11-person product development team, one of six finalists from an initial field of 17 entries. The Cornell team's ready-to-eat "Swiss Crepes" consisted of vitamin- and mineral-fortified apple and cinnamon crepes—"a breakfast food that might appeal to those who like granola or health bars," according to Kobayashi.

As part of the competition, students had to design a food factory where Swiss Crepes would be produced, develop a business and marketing plan, provide nutritional analysis, develop packaging, and come up with a bottom line, a profit margin and a retail price that would be judged for commercial viability.

The Cornell team was a finalist in 1994. The team won first place in 1995 with "Pizza Pop-Ups," a toaster pizza, and, again in 1996, with "Coffee Stir-Ins," which consisted of flavored coffee stir sticks.

L. McCandless

## WHALE WATCH '97



Volunteers are needed for Experiment Station activities at the 1997 Whale Watch, August 22, 23 and 24. This is the fourth year that the Station has participated.

This year, the Station will be holding various activities under a 20' x 30' tent: a Supersweet Corn Roast & Taste Test; Tomato Varieties Taste Test; a yet-to-be-announced mystery liquid tasting from FST; and a special presentation of the newly named squash 'Whitaker' by Dick Robinson. In addition, Entomology will be hosting a live Insect Zoo and Plant Pathology will host Garden Variety Disease Upclose, with microscopes.

Lots of volunteers are needed to sign up for these activities in 2-hour shifts, starting Friday night from 5-7 pm; Saturday, 11 am-7 pm; and Sunday, from noon-6 pm.

To volunteer, contact Sandy Antinelli at x248 or sja2@nysaes.cornell.edu, or sign up with your Station Club representative listed

below. Check out the complete schedule and times available in the "Whale Watch Folder" on the "Computer Center File Server". This will be updated daily by Sandy Antinelli.

For their efforts, volunteers will gain free admission to Whale Watch for the day, and the Director has again agreed to sponsor a noon-time pizza party for volunteers on Thursday, August 21. At that time, volunteers will get instructions and their tickets.

**Station Club Representatives:**

Administration/Library	Charie Hibbard
B&P, Security, Fleet, and Heating Plant	Ralph D'Amato
Comm. Services	Sandy Antinelli
Computer Services	Patty Gibbs
Entomology	Donna Roelofs
Field Research Unit	Alan Soper
FST	Debbie Ditzell
Horticultural Sciences:	
Hedrick Hall	Gemma Osborne
Sturtevant Hall	Kathy Roe
IPM	Janet Garlick
PGRU	Tiffany Fisk
Plant Pathology	Colleen VanAllen