

CORNELL  
UNIVERSITYSTATION NEWS GENEVA  
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APRIL 12 - 19, 2002

## BRIEFS



## Bid Results, Surplus Vehicles

- 1987 Ford Areostar:** H. Schwaninger, \$559  
**1990 Dodge Sedan:** J. Engel, \$825  
**1991 Olds Sedan:** P. Beman, \$1226  
**1993 Plymouth Sedan:** J. Freeland, \$1359  
**1993 Plymouth Sedan:** L. Hanvey, \$1850

## \$1.6 Million in Grants from Sustainable Ag Research &amp; Education Program

The Northeast Sustainable Agriculture Research and Education (SARE) program awarded \$1,654,457 to 16 researchers who will explore topics as diverse as alternative crop development, grazing, marketing, nutrient management, and training for farmers in machinery selection and maintenance. Grants ranged from \$32,680 to strengthen a local food development and distribution network to \$164,882 to see if gooseberries, currents, elderberry, and other native fruit are suitable for adding value.

The project leader on the ribes project is Steven McKay, CCE, of Hudson, NY. McKay plans to verify the healthful qualities of these small berries through research, offer planning and business support to at least 20 farmers, and collect and share knowledge about their culture, market standards, and processing. The project originally arose from a SARE Farmer Grant that established small-scale commercial plots of

(Continued on page 2)

## Dennis Gonsalves to Leave the Station

**L**iberty Hyde Bailey Professor Dennis Gonsalves has been named the Director of the Agricultural Research Service's (ARS) Pacific Basin Agricultural Research Center in Hilo, Hawaii. In addition to directing the center, the prominent plant pathologist will maintain an active research program on plant viruses.

Gonsalves will leave the Experiment Station on April 24, after nearly 25 years, with more than 180 publications and 13 patents to his credit, having helped educate 18 graduate students and numerous postdocs from around the world in his laboratory at Geneva. He will be joined in Hilo by his wife, Carol, who has volunteered in his lab for over a decade. Gonsalves will also take along with him two post doctoral associates, Gustavo Fermin and Sue Mazumdar, and, probably, visiting scientist Ariadne Vegas and graduate student Ju-Jung Wang.

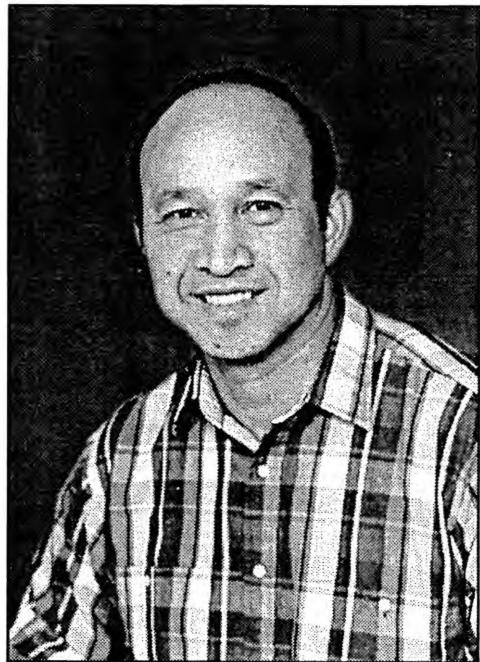
Gonsalves' research focuses on plant virology with the goal of controlling virus disease of fruits and vegetables. His lab also serves as a quarantine and testing facility for imported grapevines, and as the center for ELISA testing for the plum pox virus in New York.

Gonsalves, a native of Hawaii, grew up on a sugar cane plantation and attended the University of Hawaii, where he received his BS and MS degrees. He subsequently obtained his PhD at the University of California at Davis. From 1972-77, he was an assistant professor at the University of Florida, where he was named an associate professor just before coming to Cornell as an associate professor in 1977. He was named a full professor in 1986, and a Liberty Hyde Bailey Professor in 1995. He is a member of the Society for General Microbiology, and the American Phytopathological Society. He was named a fellow of APS in 1991.

Gonsalves distinctly remembers that December 1, 1977, when he and Carol, their son, Andrew, and daughter, Jennifer, first arrived in Geneva to that year's record snow fall. "I thought—what have I done, leaving sunny Florida?" Gonsalves said, looking back at the moment. Gonsalves now calls his decision to come to Geneva the best thing that happened to him both personally and career-wise, noting, "Geneva is a unique place where one can do high powered research in an informal atmosphere."

Many successes highlight Gonsalves' career while at Geneva, most notably the development of multiple virus resistant transgenic plants, particularly squash, using tomato-spotted-wilt-virus as a model. He serologically characterized and sequenced the genomes of grapevine leafroll and stem-pitting viruses, and developed rapid diagnostic methods to detect them. He has also worked on the identification of resistant grape cultivars and rootstocks.

This research led to what may be Gonsalves' most notable accomplishment: the commercialization of virus resistant transgenic papaya. The work helped save the papaya in-



Dennis Gonsalves

(Continued on page 2)

(BRIEFS, continued)

berries for retail gourmet and wholesale markets.

Terry Spittler received a \$100,000 grant for "Compensated Recovery of Surplus Produce from Local Farms by Food Banks," a project that will help develop a mechanism for reimbursing farmers for their harvesting costs for making gleaned food available through local food banks across the region.

For more information about the grants, contact Helen Husher at SARE, at hhusher@zoo.uvm.edu

## RETIREMENT PARTY FOR STEVE CARPENTER

TUESDAY, APRIL 23

Cocktails: 5:00pm-6:00pm  
Dinner: 6:00pm

AMERICAN LEGION,  
LOCHLAND ROAD, GENEVA

### BUFFET DINNER

Includes: Quartered chicken, roast beef, ziti, meatballs, corn, roasted potatoes, tossed salad, 3 bean salad, rolls, butter, coffee, tea, cake & ice cream

**COST PER PERSON = \$18.50**

Monetary donations will be accepted for a special retirement gift. Please make checks payable to Kathy Morabito.

**RSVP:** Kathy Morabito, Dept. of Hort. Sciences, 630 W. North Street, Geneva, NY 14456. Email kmm64, ext. 2234, no later than 04/19/02

Minds are like  
parachutes...  
they function  
only when open.

(GONSALVES, continued)

dstry in Hawaii (and elsewhere) and drew the attention of the world media culminating in his being featured on an episode in the widely acclaimed television series *Nova*. Recently, Gonsalves has been working to assess the potential risks of transgenic plants under realistic field conditions. He has also done international work on a wide range of viruses and their impact on grower communities. Over the years, his research program has attracted numerous scientists and graduate students to his laboratory.

Gonsalves extends many thanks and much praise to his co-workers in Geneva. "I am grateful to Dr. Jim Hunter for hiring me, and for giving me the opportunity to work on papaya as a model system," he says. "The members of the plant pathology department were great to work with, especially Dr. Rosario Provvidenti, from whom I learned a lot. Most of all, I thank the past and present people who worked in my group. A tree will be dedicated to George Mittak shortly after I leave. Posthumously, I certainly thank George for being such a good friend since I came to the Station."

Gonsalves is looking forward to the challenges of his new position. Historically, ARS has had several research units scattered throughout Hawaii. The center was started a little over three years ago, with the plan to build a completely new center in Hilo to house all of the units. Gonsalves expects ground breaking and construction of the different phases of the center will start later this year. He says that his biggest challenge will be "to shepherd along the building of the center, determine research priorities as we strive to increase the number of scientists at the center, and keep my own research program going." There are currently 18 scientists at the center; that number is projected to increase to 38. "How we perform and justify our activities will affect our chances of reaching the upper number of scientists," Gonsalves said.

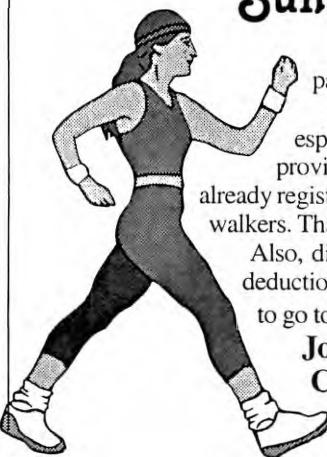
Gonsalves added that he would always strive to be a good steward of the Station, and will always have fond memories of the people who work here. "I appreciate the chance to come from a sugar plantation in Kohala to such an excellent university as Cornell," he says. "Now, I will return to Hawaii to work only 80 miles from where I was born, but with a wealth of knowledge and experience that I gained at Cornell to help me. It's been a great 25 years at Cornell, but it is time for Carol and me to see what we can do in Hawaii."

Many at the Station will remember warm and fun-filled times joining Dennis and Carol in Hawaiian singing and dancing, accompanied by Dennis on guitar. The entire Station community will miss Dennis and Carol, and extend the best of wishes to both of them.

More on Gonsalves' ground breaking work with papaya may be found at:  
[http://www.nysaes.cornell.edu/pubs/press/1998/papayarelease.htm!](http://www.nysaes.cornell.edu/pubs/press/1998/papayarelease.htm)

## Walk America

Sunday, May 5, 2002, 1 PM



C'mon all you walkers and potential walkers!! Register to participate in this year's WalkAmerica!! This is the Walk that Saves Babies!

If you're interested in participating in the walk (at the lake on an especially nice day) or in giving to this cause, please contact me! I will provide you with a registration card and more information. If you have already registered for the Walk, please let me know so I can add you to my list of walkers. Thanks!

Also, did you know that if you give to the United Way through payroll deductions at work, you can designate your entire donation or a portion of it to go to the March of Dimes?

**Join the Station Team for the Walk that counts!  
Contact Kathy DeRosa, kad2@cornell.edu, x-2236**

## 31st Annual New York Wine Industry Workshop Held in Geneva

The 31<sup>st</sup> NY Wine Industry Workshop and 2002 Annual Meeting & Seminars, hosted by the Cornell Enology Program at the New York State Agricultural Experiment Station and the New York Wine & Grape Foundation, were held in Geneva NY from April 3-5. The event at the Ramada Inn Geneva Lakefront was attended by over 100 people each day.

The focus of this year's workshop was on Riesling—growing, wine making, marketing and food matches. The reason for this focus is that Riesling is the "signature wine" of the Finger Lakes, a strong suit of New York's other wine regions, and, arguably, one of the most distinctive and demanding grape varieties in the world.

The first day was titled "Riesling—Making it, Marketing it, Matching It." The day featured a panel discussion with Erik Olsen (Chateau Ste. Michelle, WA), Dennis Martin (Fetzer Vineyards, CA), Peter M.F. Sichel (Germany) talking about "Marketing Riesling." There were also talks on "Riesling: Matching It," by Isabelle Sipp Mack, Alsace, Guy Goldstein, Maritime Restaurant, NYC; "Marketing New York Wines in New York City" by Trent Preszler, Cornell University, and Bob Ransom, Vintage New York; "Marketing New York Wines Nationally," by Ann Littlefield, New Vine Logistics, Napa, CA, and Spike Herzig, of the Finger Lakes Association. "A Votre Santé—The Latest on Wine and Health," was presented by Dr. R. Curtis Ellison, of the Institute on Lifestyle and Health, Boston University Medical Center. The day's featured luncheon speaker was Nathan Rudgers, Commissioner, New York State Department of Agriculture & Markets.

The second day was titled "Riesling Production." Speakers explored innovations in grape growing and wine making techniques. Talks included: "Riesling viticulture and winemaking techniques," "Riesling selections," and "Cold hardiness," by Bob Pool, Cornell. "Riesling viticulture in NY," was addressed by David Peterson, of Swedish Hill Vineyards, NY. "Production costs for premium vineyards in NY," was the focus of Jerry White, Cornell. "Vineyard management and fruit ripening and flavor development," was offered by Hans Schultz, Research Institute Geisenheim, Germany. There was also a winemaking techniques panel presentation by Erik Olsen, Dr. Wolf Sponholz, Dennis Martin, Morten Hallgren, Tim Miller, Peter Saltonstall, and Charles Massoud. The day also featured an update on atypical aging (ATA), with talks on "What is atypical aging," from Sponholz, and Jürg Gafner, Swiss Federal Research Institute, as well as "Viticulture and atypical aging," by Hans Schultz, Research Institute Geisenheim, Germany. "Water stress and atypical aging in NY vineyards," was addressed by Alan Lakso and Lailiang Cheng, of Cornell. Sponholz and Doris Rauhut, of the Research Institute Geisenheim, Germany talked about "ATA chemistry."

The theme of the Wine Sensory Workshop on the third day was, "The Good, The Bad and The Ugly." Sponholz spoke on grape varietal flavors, fermentation esters and cork off-odors while Torey Arvik, Cornell, spoke on "Brettanomyces: Ecology and descrip-



*Riesling 'working' at the Station.*

(WINE & GRAPE, continued)

tion of bretty odors." Terry Acree, Cornell, closed the day with a talk on "Aroma chemistry, taste perception, and management of taste panels."

"I am very pleased with the workshop," said Thomas Henick-Kling one of the organizers of the workshop, who directs the Enology Program at the Station. "We had outstanding speakers presenting the most up-to-date information about the subjects covered. We had a wonderful cross-section of experience from the Old World (Germany and Alsace and Switzerland) and the New World (NY, WA, CA). We had a diverse group of grape growers and winemakers and wine educators attending the workshop. Technical and scientific information was of highest quality. Wonderful discussions!"

The people who attended seem to be in agreement. "I was particularly interested in the talks that dealt with atypical aging of wines," said Peter Saltonstall, president of King Ferry Winery. "All of the wineries in the Finger Lakes want to know more about this potential problem, and how they can keep it from showing up in their wines. The problem is tied to drought stress in the vines and how their ability to absorb nutrients is affected during drought conditions. What I took from the talks was that the problem is correctable and can be prevented both in the vineyard and the winery."

"The opportunity to hear from some of the key international researchers on the subject of ATA was particularly enlightening," said Bob Madill, Sheldrake Point Vineyard and Winery. "It is clear that we have vineyard issues (nutrition and water) that affect vine stress and wine making (yeast health, fermentation temperatures, SO<sub>2</sub> additions) that will impact the potential to develop ATA. Moreover, the tastings and subsequent discussions in and out of sessions with producers were extremely helpful in providing some practical guidelines in handling the growing and fermentation of Riesling wines here in the Finger Lakes."

Roland Riesen (Ohio) who has attended many of the workshops through the years said, "Perhaps the best workshop ever." He concluded that the workshops get better year after year.

J. Zakour

**CALENDAR of EVENTS**

APRIL 12 - 19, 2002

**SEMINARS****PLANT GENOMICS****CANDIDATE SEMINARS**

<b>Date:</b>	Monday, April 15, 2002
<b>Time:</b>	9 AM
<b>Place:</b>	Jordan Hall Staff Room
<b>Title:</b>	"Systemic Acquired Resistance and Age-Related Resistance, Two Distinct Induced Resistant Pathways that Both Require Salicylic Acid"
<b>Speaker:</b>	Dr. Robert Cameron, University of Toronto
<b>Date:</b>	Thursday, April 18, 2002
<b>Time:</b>	9 AM
<b>Place:</b>	Jordan Hall Staff Room
<b>Title:</b>	"Transcriptional Re-Proframming During Local Disease Resistance in <i>Arabidopsis Thaliana</i> "
<b>Speaker:</b>	Dr. Thomas Eulgem, University of North Carolina

**PLANT PATH**

<b>Date:</b>	Tuesday, April 16, 2002
<b>Time:</b>	3:30 PM, Coffee at 3 PM
<b>Place:</b>	Room A130, Barton Lab.
<b>Title:</b>	"Plant Parasitic Nematode Levels and Distribution Across NYS Putting Greens"
<b>Speaker:</b>	Karen L. Snover, Dept of Plant Pathology, Ithaca

**ENTOMOLGY**

<b>Date:</b>	Tuesday, April 16, 2002
<b>Time:</b>	10:30 AM, Coffee at 10 AM
<b>Place:</b>	Room 320, Barton Lab.
<b>Title:</b>	"Organics in New Zealand—a Heinz/Lincoln University Initiative"
<b>Speaker:</b>	Dr. Steve Wratten, Lincoln University, New Zealand

**FOOD SCIENCE**

<b>Date:</b>	Wednesday, April 17, 2002
<b>Time:</b>	10:30 AM
<b>Place:</b>	FST Conference Room, Second Floor
<b>Title:</b>	"Who We Are and How We Eat: New Ideas and Approaches for Understanding Food Choice"
<b>Speaker:</b>	Dr. Carole Bisogni, Ithaca

**FITNESS****Aerobics**

**Date:** Monday and Friday  
**Time:** 12:10 - 1 PM  
**Place:** Sawdust Cafe

**Taekwondo Class**

**Date:** Monday, April 15, 2002  
**Time:** 12:10 - 1 PM  
**Place:** Jordan Hall Lounge

**Taekardio Class**

**Date:** Wednesday, April 18, 2002  
**Time:** 12:10 - 1 PM  
**Place:** Jordan Hall Auditorium

**CLASSIFIED**

**FOR SALE:** 1995 Geo Prizm Sedan. 4D, red, automatic, air conditioning, cruise control, mileage 91000. \$3,900.00. Please feel free to check it out at the Surge Lab parking area or contact me by e-mail: ca33@cornell.edu, or find me in Surge Lab office 109B.

**FOR SALE:** Playstation 1, excellent condition (we upgraded to PS2). Comes with rubber grip controller, memory card, and your choice of 2 of the following games: Tony Hawk's pro skater 2, final fantasy IX, medal of honor, driver 2. Asking \$120.00. Call C. Linn @ 2319, or cell1@nysaes.cornell.edu

**FOR SALE:** 1994 Transport. 96,000 miles. Very clean with power steering, power brakes, passenger side power sliding door, fiberglass body, no rust. No salt Florida car, stored in a barn. Just completed full service checkup. \$6500. Contact Tim Dreyer at 607-582-6690 or e-mail trd26@cornell.edu

**BEACH HOUSE RENTAL:** Beautiful location, southwest shore of Canandaigua Lake. Getaway, golf, fish, relax. Canoe and rowboat included. By the week or weekend. Suitable small family/two couples. Off-season openings (and off-season rates!) remain in June, September and October. Serious inquiries only. elg2@cornell.edu

**POSITION AVAILABLE**

**Posting #:** TBA  
**Location:** Department of Food Science & Technology, Geneva  
**Title:** Technician II  
**Available:** Immediately  
**Duration:** April 1, 2002 - March 31, 2003 (term appointment)  
**Description:** To assist with the daily routine of the laboratory, measure ethylene, ACS enzyme activity, softening of fruit, isolate RNA and run Northern blots, isolate DNA and carry out Southern blotting, maintain tissue cultures and propagate tissues, and provide essential help with the characterization of transgenic apples.

**Qualifications:**

Associate's degree in Biology, Chemistry or Microbiology; formal training of one or two years; two years of college course work.

**Salary:** \$12.00/hour

**Please forward application, transcripts, and 3 references to:**

Deborah Ditzell, Administrative Assistant III  
 NYSAES, Cornell University  
 Geneva, NY 14456-0462  
 Cornell University is an Equal Opportunity, Affirmative Action Employer & Educator.

# Perennial Plant Exchange

Saturday, May 4th, 10 am - Noon  
 Experiment Station Pavilion

Bring divisions of your favorite perennials.  
 Come at 10 am to set up your plants.  
 The exchange will begin at 10:30

Refreshments will be served

\$1 donation requested to help cover expenses. If you have any questions, call Rixana @ 2246 or e-mail at rp14@nysaes.cornell.edu