

CORNELL
UNIVERSITY

STATION NEWS

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MARCH 29 - APRIL 5, 2002

BRIEFS

Information for Ethanol Users

For personal safety and fire safety, staff who pick up ethanol from the Food Science bulk ethanol supply are required to use secondary containers when transporting ethanol in glass bottles. The secondary containers should be made of plastic or rubber and have a closeable top. If you have any questions about this requirement, please contact Soon Kong, X2350 (ssk19@cornell.edu).

Your cooperation is greatly appreciated!

S. Dwyer

Wayne County Receives Agribusiness
Block Grant

Wayne County has received a \$600,000 New York State Governor's Office for Small Cities Community Development Block Grant (CDBG) to start a Wayne County Agribusiness Micro-Enterprise Program. Funds will be used to provide technical assistance and business planning and enhancement seminars, establish an agribusiness development center, and begin a \$500,000 revolving loan program for farm, agribusiness, and agri-service owners.

Agriculture is a major industry in Wayne County, with 840 farms contributing \$107M in gross farm income in 1997, according to the Census of Agriculture.

COMING APRIL 4

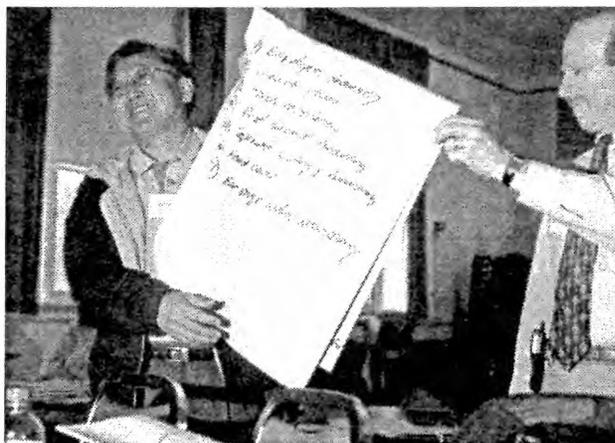
National Satellite Conference at the
Agricultural Experiment Station:'Environment and Breast Cancer:
Education for Change'

Can lifestyle choices during adolescence affect breast cancer risk in later life? Can generations work together to reduce a family's cancer risk? How can we reduce

(Continued on page 2)

Good Agricultural Practices (GAP) Workshop
Held in Geneva

Over 30 extension educators from all over the country came to the Experiment Station to attend the "Good Agricultural Practices (GAP) Train the Trainer Workshop for Extension Educators" workshop, held March 12 and 13, 2002, in Jordan Hall. The workshop was organized by Betsy Bihn, GAP Project Coordinator, and Robert Gravani, Professor of Food Science and GAP Program Director. The goal of the event was to inform extension educators about GAP and how



Robert Gravani (right) and a GAP Workshop participant work the flip charts.

they can assist growers with implementing GAP on the farm.

The first day of the workshop covered the GAP basics, starting off with a welcome from Gravani, on "Foodborne Illnesses Associated with Fresh Fruits and Vegetables." Speakers included: Randy Worobo, Food Science and Technology, Geneva, on "Basic Microbiology: The Pathogens Involved in Foodborne Illness," and Anu Rangarajan, Horticulture Department, Ithaca, on "Production GAPS: Where to Begin?" Rangarajan also spoke on "Using the Farm Assessment Tool with Growers." Shantana George, University of California, Davis, spoke on "Hand Sanitation and Glove Use." Marvin Pritts, Horticulture Department, Ithaca, spoke on "Postharvest GAPS: End Product Quality and Safety," while Daryle Foster, Education Department, Ithaca, addressed "How to Teach Adult Learners: Effectively Teaching Growers about GAPs." The day also featured hands-on demos where educators got to experiment and sample the tools of the trade.

The second day provided the participants an opportunity to hear what is going on in industry and how growers are being affected by third-party audits. Joe Furuike from Driscoll provided an industry perspective on GAP and the importance of its implementation. Larry Beasley of A. Duda and Sons, Inc., in Florida, highlighted the commitment it takes to implement GAP on the farm and in the packing house. He discussed the time and financial commitments necessary to properly and effectively develop a GAP plan. Leanne Skelton from the USDA, Wes Kline from Rutgers, and Earl Flint from the NYS Department of Ag and Markets all discussed GAPs audits. Leanne outlined the new USDA GAP audit and how it is being phased in throughout the nation as a voluntary fee-for-service program. The second day wrapped up with a lively GAP panel of all the day's speakers. Implementing practical food safety procedures was a top concern for all participants.

Bihn thought that the workshop went very well, as the feedback from all participants was quite positive. "I was quite proud to have so many good presenters take time from their busy schedules to come all the way to Geneva. I have been presenting GAP talks at

(Continued on page 2)

(WORKSHOP, continued)

meetings all over the US for a few years now and I think this training really did a fine job

Handwashing Tips

Handwashing might seem like a no-brainer, but removing all pathogens is harder than it looks, based on the GAP demonstration by Shantana George of UC Davis. Using glow germ (synthetic micro beads that fluoresce under UV light) technology, she demonstrated how well individuals wash their hands. One volunteer rinsed with water, one washed for 5 seconds, and one washed for 20 seconds. Washing for 20 seconds is the only 'correct' and recommended method as was evidenced by the hands of the two individuals who had only rinsed or washed-for-5. Both of them glowed under UV indicating they had not removed the "pathogens."

of highlighting what is going on around the country," she added.

Attendees agreed. "The workshop was a good opportunity to share experiences, interact with my colleagues and learn new strategies for teaching good agricultural practices," said Penn State's Luke LaBorde.

Bihn and Gravani would have liked to see more extension educators in attendance but realize that many educators couldn't fit the two-day workshop into their schedule.

"I would like to thank all the presenters and those who attended. We had some great discussions and those only occur when the participants and presenters are interactive. Kathy Morabito, in Hort Sciences, really provided an important link for me since I am officially located in Ithaca," said Bihn.

J. Zakour



(BRIEFS, continued)

Environment and Breast Cancer : Education for Change

our exposure to chemicals in the environment? What can educators and concerned citizens do to help reduce breast cancer risk at home and in the community?

These are among the questions to be addressed by experts from Cornell University in a national satellite conference, "Environment and Breast Cancer: Education for Change," on Thursday, April 4, from 1 to 3 p.m. EST. The conference will be presented by satellite downlink at sites around the nation. Locally, it can be viewed at the New York State Agricultural Experiment Station, in the auditorium of Jordan Hall, at 630 West North Street. If you wish to attend, please reserve a place by calling 315-787-2207.

The conference is designed for community educators in health and environment, including cooperative extensions, cancer advocacy, youth development and integrated pest management. Local participants in the conference will have the opportunity to question the experts by fax or telephone. All site facilitators will receive a demonstration set of materials, the "Tool Kit for Breast Cancer Risk Reduction," from the Breast Cancer and Environmental Risk Factors (BCERF) program at Cornell, which is presenting the conference.

Jana Lamboy, NYS Integrated Pest

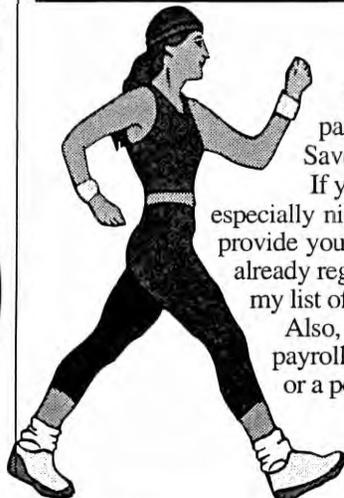
Management (IPM Program, Ornamentals IPM Coordinator in Geneva, will host the downlink in Jordan Hall. Lamboy developed an educational module for BCERF on the topic of IPM for homeowners in conjunction with Jennifer Grant, Community IPM Coordinator, and Carmel Orenstein, BCERF Extension Project Leader. IPM reduces chemical exposure to pesticides by relying on more benign pest control strategies. Pesticide exposure is considered one of the environmental risk factors in the development of breast cancer. The IPM slide show is included in the BCERF Tool Kit being offered to community educators.

"In the slide show, we discuss IPM in apartment as well as landscape settings," said Lamboy. "IPM is just one strategy to reduce women's exposure to the larger class of environmental chemicals, which includes organic solvents, dry cleaning fluids, and beauty parlor chemicals. The gist of the program is how to protect your immune system. They will focus on developing a healthy lifestyle approach for teenagers."

"We know that established risk factors for breast cancer, such as genetic predisposition, account for fewer than half of all cases of breast cancer, so there is growing concern that something in the environment might play an important role in this disease," says Suzanne M. Snedeker, research project leader at BCERF and one of the conference speakers.

Researchers in cancer-risk reduction define "environment" to include diet and lifestyle habits, as well as exposure to environmental chemicals and ionizing radia-

(Continued on page 3)



WalkAmerica!

C'mon on 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!

Kathy DeRosa, kad2@cornell.edu, x-2236

April 1 Marks United Way Campaign Drive at Station

Once again, the United Way is conducting its annual campaign and encouraging employees at the Station to be generous. The United Way is an organization that specializes in helping others and has been providing support funds for agencies in the Ontario County area for over 80 years. United Way agencies offer a variety of services and programs that deliver results through five equally important impact areas:

- **Success By 6** – Striving for healthy newborns and preparing children for success in school.
- **Kids on Track** – Helping school-age kids thrive before, during, and after school with caring adults serving as role models.
- **Strengthening Families** – Creating and maintaining environments for families and individuals who nurture and care for one another.
- **Helping Seniors** – Helping older adults remain active, vital, and involved, while providing support for senior caregivers.
- **Overcoming Disabilities** – Teaching living skills, developing employment opportunities, and providing support for people who are disabled.

Although the Station family has been generous in past years—donations totalled \$13,387 in 2001, \$15,409 in 2000, \$17,823 in 1999, and \$16,533 in 1998—overall participation has decreased. This year, we need the continued support of all who have contributed in the past, and are encouraging new participants to give.

In our Drive-Away Sweepstakes promotion, every individual who watches the United Way/Red Cross Campaign video during a United Way presentation will receive a United Drive-Away Sweepstakes entry form. Picture yourself in a shiny candy-apple-red 2002 Chevrolet Corvette! The Campaign Team has

arranged for this vehicle to be on campus sometime during the week of April 8. We're hoping the chance to win this vehicle could be a "driving force" to encourage your participation.

Did you know that **Every Dollar Gets Empowered (EDGE)** at United Way? United Way of Ontario County was among the first United Ways in America to ensure that every cent of every dollar collected goes to take care of our own in Ontario County. The yearly earnings from United Way's Community Endowment Fund—not a penny of donors' dollars—pay United Way's operating expenses. Bottom line? You and your community get your money's worth when you give to the United Way.

Last year, Ontario County service providers answered more than 75,000 calls for help in our community.

PLEASE consider contributing this year to the United Way Campaign. If you've never donated in the past, even a pledge of \$1.00 per week can help people in need. If you currently donate, consider an increase of just 50 cents more a week. You can really make a difference. Thank you!

Lorraine M. Barry
Campaign Coordinator



Station United Way coordinators come together to plan the 2002 campaign: (back row, l-r) Judy Burr, Tom DeYulio, Sandy Antinelli and Susan DiPerri, United Way Representative. (front row, l-r) Bernice Andersen, Lorraine Barry and Gemma Osborne. Missing from photo: Robert Lasher, Kristen Ondik and Nancy Reissig

(BRIEFS continued)

tion. "Now we are beginning to look at the increased susceptibility of children to exposures that might increase the risk of developing cancers—including breast cancer—later in life," says BCERF research associate Barbour Warren, another conference speaker.

Highlights of the conference include: "Environment and Breast Cancer: An Emerging Science (Snedeker), "Adolescence: A Critical Life Period for Breast Cancer Risk" (Warren), "The Importance of Intergenerational Influences on Health Behavior" (Elaine Wethington, associate professor of human development at Cornell), as well as comments from health professionals and breast cancer activists. BCERF education project leader Carol Devine will introduce the "Tool Kit for Breast Cancer Risk Reduction." Community educators who field-tested the materials will discuss their experiences. There will be a question-and-answer session with national conference participants and the panel of scientists.

Support for BCERF's research and educational activities, including the April 4 teleconference, is provided by New York State Departments of Health and of Environmental Conservation; the U.S. Department of Agriculture/Cooperative State Research, Education and Extension Service; and by Cornell. BCERF is a program of the Institute for Comparative and Environmental Toxicology in the Cornell University Center for the Environment.

More information about the conference is available on the BCERF web site:

<http://cfe.cornell.edu/bcerf/>

| UNITED WAY UNIT COORDINATORS | |
|--|----------------------------------|
| Administration/Communications Services/Library | Gemma Osborne |
| Buildings & Properties | Tom DeYulio |
| Entomology | Nancy Reissig |
| Food Science & Technology/Computer Services | Bernice Andersen |
| Field Research Unit | Robert Lasher |
| Horticultural Sciences | Lorraine Barry and Kristen Ondik |
| IPM | Sandy Antinelli |
| Plant Pathology | Judy Burr |

CALENDAR of EVENTS

MARCH 29 - APRIL 5, 2002

SEMINARS

HORT SCIENCE

Date: Monday, April 1, 2002
Time: 11 AM
Place: Food Science Conference Room
Title: "Flavor Development in the Vineyard"
Speaker: Dr. Andrew Reynolds, Cool Climate Oenology & Viticulture Institute, Brock University

**PLANT GENOMICS
 CANDIDATE SEMINARS**

Date: Thursday, April 4, 2002
Time: 9 AM
Place: Jordan Hall Staff Room
Title: "Using Genomics and Genetics to Characterize the Effects of Sugar Levels on Plant Metabolism and Development"
Speaker: Dr. Susan I. Gibson, Rice University

Date: Monday, April 8, 2002
Time: 9 AM
Place: Jordan Hall Staff Room
Title: "A Genomics Approach to Understanding Abiotic Stress Signal Transduction in Arabidopsis"
Speaker: Dr. Liming Xiong, University of Arizona

PLANT PATH

Date: Tuesday, April 9, 2002
Time: 3:30 PM, Coffee at 3 PM
Place: Room A130, Barton Lab.
Title: "Learning to Manage New Poinsettia Disease: First Powdery Mildew, Then Scab... What Next?"
Speaker: Margery L. Daughtrey, Cornell, Riverhead, NY

FITNESS

Aerobics

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

Taekwondo Class

Date: Monday, April 1, 2002
Time: 12:10 - 1 PM
Place: Jordan Hall Auditorium

(FITNESS, continued)

Taekardio Class

Date: Wednesday, April 3, 2002
Time: 12:10 - 1 PM
Place: Jordan Hall Auditorium

CLASSIFIED

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

FOR SALE: 1994 Chevy Lumina Minivan. Turquoise blue, 3.1 liter V6, 5 passenger, air conditioning, front wheel drive, power steering, power brakes ABS 4-Wheel, power door locks, air bag, tilt wheel, cruise control, AM/FW radio (cassette deck is a bit funky), no rust, 1200,000 miles. Kelly blue book \$2840, asking \$2500. email Herb Cooley hjc1@cornell.edu or call 789-9159 after 6 PM.

CANOE WANTED: Looking for a good used lake canoe. Email Tyrone Hall at twh22@cornell.edu or call ext. 2367, (h)781-5352.

FOR SALE: Butcher block countertop and deep stainless steel sink with faucet as well as metal kitchen cabinets that go with the countertop. email Ralph D'Amato at rjd15@nysaes.cornell.edu, Ext. 2310 or at home 946-4635.

LAKE HOUSE FOR RENT: Two bedroom, year-round home, seven miles south of Geneva on the west side of Seneca Lake. Sleeps five comfortably. Natural gas central heat and city water. Fully equipped, eat-in kitchen, large open living room. Window enclosed 35-foot by 10-foot porch stretching across entire front of the house overlooking the water. Porch also has extra bed, dining room size table, couch and chairs. 70 feet of stone beach, 100 foot long wood and steel dock with 40-foot by 8-foot end platform allowing plenty of room for fishing and sunbathing. 25-foot by 100-foot side yard, great for kids. Rent is \$750/week with weeks still available in July and August. Pictures available or arrange to come and see for yourself, 257 Oak Tree Drive off West Lake Road, one mile south of Kashong. Contact Herb Cooley hjc1 or call 789-9159 after 6PM.

(CLASSIFIED, continued)

FOR SALE: 1989 Volvo 240 sedan. Excellent condition. \$2,500.00 or best offer. 789-8112.

FOR SALE: Young goat kid, Nubian/Boer cross, \$ 35.00. Call x2496 or 315-585-2248.

GOOD BICYCLE AVAILABLE: Older model, but not much used. Raleigh Sprite 10-speed with 19" mixte frame, upright handle bars, front bag, rear rack, good tires, bell (!). Helmet goes with. \$25, or free to graduate student working with Expt. Sta. professor. Contact MaryLou Dumbleton at 2290 or mld2@cornell.edu.

FOR SALE: Leaving in early April. Must sell a Performa computer and an Omega Zip drive. Both items are in excellent condition since I only used them for writing my thesis. If interested, please call Baozhong Meng at 2434 or 781-8465 at home. We can then discuss the price.

**RED CROSS
 BLOOD
 DRIVE**



**MONDAY,
 APRIL 1ST
 (NO FOOLING)**

**JORDAN HALL
 STAFF ROOM
 9:00-3:00 PM**

**CONTACT DONNA ROELOFS (X2325 OR
 DRR2) FOR AN APPOINTMENT**

Surplus Vehicles For Sale

1. 1987 Ford Aerostar van, 69K miles, \$300.00 min. bid
2. 1986 Ford Ranger pick-up, 62K miles, \$500.00 min. bid
3. 1985 Dodge pick-up, 71K miles, \$800.00 min. bid
4. 1990 Dodge sedan, 117K miles, \$250.00 min. bid
5. 1991 Olds sedan, 104K miles, \$1,000.00 min. bid
6. 1993 Ply. sedan, 116K miles, \$1,075.00 min. bid
7. 1993 Ply sedan, 109K miles, \$1,075 min. bid
8. 1999 Chev. 12 pass. van, 63K miles, \$11,700.00 min. bid

Sealed bids with description of vehicle must be turned into B&P office by 11 am April 1, 2002. For more information, contact the Fleet Garage at ext. 2304.