

STATION NEWS

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NEW YORK STATE AGRICULTURAL EXPERIMENT STATION
Celebrating the past, shaping the present, inspiring the future.

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BRIEFS

IFT 2007

Cornell faculty, students and scientists participated with 36 presentations (posters and oral presentations) at the Institute of Food Technologists (IFT) meeting held in Chicago the last week in July.

Two Awards were made to Geneva Students:

First place in graduate paper poster competition of the Fruit and Vegetable Products Division: Imelda Ryona—

“Quality of selected sweet cherries as affected by postharvest fungicide application and modified atmosphere packaging.”

Imelda Ryona, Cornell University, Geneva, NY; Herbert Cooley, Cornell University, Geneva, NY; Terence L. Robinson, Cornell University, Geneva, NY; Olga I. Padilla-Zakour, Cornell University, Geneva, NY.

Second place in graduate paper poster competition of the Fruit and Vegetable Products Division: Illeme Bonsi—

“Chemical composition of phenolic extracts from wine grapes and pomace in relation to oral health.”

Illeme Bonsi, Cornell University, Geneva, NY; Joanne Thimothe, Cornell University, Geneva, NY; Hyun Koo, University of Rochester, Rochester, NY; Olga Padilla-Zakour, Cornell University, Geneva, NY.

(See related story on page 3)

Station, HWS Formalize Agreement

As the Experiment Station celebrates its 125th anniversary, it is entering into an academic agreement with Hobart and William Smith Colleges (HWS) that will allow HWS students to work and study with Station scientists during the summer, or do independent studies during the school year. The mutually beneficial arrangement formalizes an already existing relationship that has allowed HWS students to gain valuable exposure to applied research while making important contributions to Station projects.

“We have had a long and very productive informal relationship with HWS faculty and students,” says Station Director Tom Burr. “Interactions with HWS greatly enhance the quality of education and research at the Station, and add an important community dimension. Formalizing this agreement is truly a positive development in the history of our long-standing relationship.”

The 50-mile commute between Cornell’s Geneva and Ithaca campuses made it difficult for Cornell undergrads to work with Station scientists on a regular basis. The solution to the problem came about by happenstance some 20 years ago, and was to some extent the result of previous collaborations between Tom Glover, professor of biology at the Colleges and entomologists Charlie Linn, Wendell Roelofs, and other Station scientists.

One of Glover’s students was seeking a summer job, and was qualified academically to work in Roelofs’ lab. The arrangement worked out perfectly for everyone involved, and slowly Glover began to send more qualified students to work at the Experiment Station, identifying students and programs that would fit well with each other.

“This is due largely to Tom’s efforts, and he deserves a great deal of the credit,” says Linn. “In fact, Tom has helped other HWS professors arrange for their students to do research at the Station.”

“We have had a really good working relationship, and the faculty at the Experiment Station have done a fantastic job mentoring these kids and really investing them in their research,” agrees Professor Glover. “The students come back with their eyes open to real-world science, as opposed to classroom science.”

As granting organizations like the National Science Foundation seek research projects that feature education as one of their stated goals, this agreement will benefit Station scientists and make official the understanding with HWS that undergraduates will continue to participate in NYSAES research projects.



William Smith student Jenn Davidson spent the summers of '05 and '06 working in Chris Smart's lab. She also did a winter project with Chris in 2006.

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Empire Farm Days 2007



A steady stream of visitors came to see what's currently going on in CALS.



Dean Henry helps three Ag Mech students from the Penn Yan FFA program with a drawing for an 1838 WC Allis Chalmers tractor. Students from the FFA program restored the tractor with guidance from teacher John Kriese and many volunteers. Total money raised exceeded \$10,000 (exact to be determined) and all proceeds benefit the Oswegatchie Educational Center shower house building fund. Oswegatchie is owned and operated by the NY FFA Foundation for the purpose of leadership training, environmental science, and outdoor recreation opportunities for both youth and adults.



Keith Waldron and Don Rutz talk IPM with an attendee.



Five-year-old Alex Voak of Penn Yan tentatively touches a cockroach held by entomology's Charley Linn.



Communications Service's interns Kelsey Ryan and Lauren Way served samples of apples, blueberries, blackberries, and cherries.



Ice Cream and cold drinks were a refreshing highlight of the Dean's Alumni Reception.



Congressman Michael Arcuri chats with Susan Noble from the Technology Farm.



CU and Tech Farm Travel to Chicago

On the last weekend of July, an enthusiastic Technology Farm team headed to Chicago to promote the Cornell Agriculture and Food Technology Park (CAFTP) and attract new research and development business to Geneva. For the second straight year Cornell delivered a joint message about scientific excellence and achievement in food science as well as valuable opportunities for food and agricultural business in the Finger Lakes at the annual conference of the Institute of Food Technologists.

The Technology Farm display on the floor of the McCormick Place Convention Center trade show was a study in cooperation across scientific disciplines and community lines. CAFTP Executive Director Steve Isaacs shared the Technology Farm's "value proposition" with scores of interested conference attendees. Prospective park tenants and businesses interested in collaborative projects as well as potential undergraduate students heard about Cornell's strengths from CALS Director of Corporate Relations and Business Partnerships Jennifer Drumluk and NYSAES Assistant Director Marc Smith. They were frequently joined on the floor by Food Science and Technology Chair Cy Lee and faculty members Olga Padilla-Zakour and Randy Worobo. Anyone unfamiliar with rewarding careers in food and agriculture in upstate New York could turn to Kitty Noble, project manager of the NSF Finger Lakes New Knowledge Fusion Project; if someone wasn't aware of economic opportunity in Geneva or the Finger Lakes, City Economic Development Director Valerie Bassett was on hand. Erin DiVincenzo, of Clark CSM Communications, designed the display to tell the Technology Farm's story and joined the group in the windy city.

The Cornell Food Science Institute breakfast for alumni and friends demonstrated the close collaboration between food science departments in Ithaca and Geneva. The breakfast provided an opportunity for Cornell graduates, who are now major corporate players from across the nation and around the world, to reminisce about college days and share ideas about food safety, product innovation and the future of this fascinating, critical industry. Ithaca Department Chair Kathryn Boor led the program at the Hilton Chicago Hotel.

The educational exchange at IFT in Chicago worked in many directions. Members of the Cornell contingent were able to learn about everything from the Food Valley, a major food and agriculture park built around Wageningen University in the Netherlands, to Penn State's experience with technology commercialization and intellectual property, to the fact that Cornell food scientists joined forces with MIT and the University of Massachusetts to found the Institute of Food Technologists in 1938.

M. Smith



Part of the Tech Farm team in front their trade show display. (Left to right) Steve Isaacs, Executive Director Cornell Agriculture & Food Technology Park; Valerie Bassett, City of Geneva Director of Planning & Economic Development; Jennifer Drumluk, Cornell University CALS, Director, Business Partnerships & Corporate Relations; and Marc Smith, Assistant Director NYSAES.

(BRIEFS, continued)

2007 International Photonics, Food, & Agriculture Conference: Roadmap to Security and Production in the 21st Century.

Agribusiness as an industry presents significant problems and opportunities that photonics, optoelectronics and microsystems-enabled technologies hold the key to solving. These include: smart farming, limiting pesticide applications and managing irrigation, monitoring pathogens and mitigating infectious diseases, tracking the flow of food products throughout the shipping process. Innovative agricultural technologies are offering possible solutions to these, and many other problems.

Please mark your calendar to attend this technology road-mapping session to hear about the latest advances in addressing agribusiness problems, and learn about what areas need future development. Company representatives will also speak about the value of developing new technology for the agribusiness sector, which can jump-start the development of technology for biomedical markets.

Sponsors include the Finger Lakes New Knowledge Fusion Project, the Infotonics Technology Center, Inc., the International Photonics, Commercialization Alliance (IPCA), and the New York AgriDevelopment Corporation.

The conference will be held from 8:00 am to 4:30 pm on November 16, 2007 at the Inn on the Lake, Canandaigua, NY. A wine and cheese reception will follow.

For registration material and more details go to:

www.fusiongrant.org

*Kitty Noble
Finger Lakes New
Knowledge Fusion Project*

Science progresses best
when observations
force us to alter our
preconceptions.

Vera Rubin



CALENDAR of EVENTS AUG. 17-31, 2007

MEETINGS

CHAIR'S MEETING

Date: Tuesday, August 21, 2007
Time: 8:30 AM
Place: Director's Office

ADMIN SERVICES INFORMATION

Change in Process from the Division of Financial Affairs

On-Line Travel Reimbursements

Travel reimbursements for all qualified travelers with a Cornell Net ID can no longer be processed on the paper travel reimbursement form. All travel reimbursements must be processed using the on-line travel reimbursement system unless the traveler does not have a valid Cornell Net ID. Information regarding the on-line system can be found at the following web site: http://www.payments.cornell.edu/Request_Travel_Reimbursements.cfm

Travel Reimbursements can be processed through one of the following methods:

Complete the Travel Reimbursement Check List which can be found at: <http://www.nysaes.cornell.edu/adm/asc/finance.php> and forward with receipts to the ACS Transaction Team for processing OR

Submit your travel reimbursement request by utilizing the on-line travel reimbursement system (link above). Please check with your ASC Transaction Specialist for instructions if you are unfamiliar with this process.

Please contact any member of the Transaction Team if you have questions regarding this new process. Thank you.

ENGLISH AS A SECOND LANGUAGE

Classes are free and include conversational English, writing skills and real-life communications.

Instructor: Susan Deidrich

When: Every Tuesday & Thursday
from 4:30 - 7:30 PM

Where: The Food Science and Technology Building Lunch Room.

New students are welcome to join at any time. Just show up for any session. Classes are flexible so that students may attend either or both sessions each week.

CLASSIFIEDS

FOR RENT: 3 bedroom house, 106 Oak St. Freshly painted throughout. All appliances, including washer and dryer. Off street parking. Email Rick at esk7@cornell.edu or call 789-0120 and leave a message

FOR SALE: 2000 Dodge Caravan Minivan, 135,300 mi, V6 3.3 liter, automatic, 7 passenger, AC, dual front air bags, PS, cruise, second sliding door, PL, PW, tilt wheel, AM/FM stereo, cassette, single CD. Well maintained. Asking \$3700 Kelley Blue Book. Contact Michal Shores at x2246,ms534@cornell.edu or (315) 781-2714

WANTED TO BORROW: Flute for visiting scientist's daughter (senior at high school) for 5 months. Contact Tae-Myung Yoon at ty96@cornell.edu or (315) 787-2226, or (315) 789-2462

FOR RENT: 2nd floor apartment on Castle street will be available on Sept 1. Two bedrooms, living room, dining room, kitchen and 1 bath room. \$475 P/m. plus utilities, and garbage pick-up. Email Mei Cheung at ymc7@cornell.edu or call 789-7974 after 5PM

FORSALE: Jeep Cherokee Country, 1997. 105,000 mi. 6-Cyl., 4.0 Liter Transmission, Automatic Drivetrain, 4WD, A/C, Dual Front Air Bags, PDL, PS, AM/FM cass., sun roof, roof rack, CC, privacy glass. Very good condition. Must sell, moving to Europe. Asking \$4,000 (Kelley Blue Book) or B/O. If interested please call [x2277](tel:x2277), 315-781-1205 or e-mail lc98@cornell.edu

FOR RENT: House on South West St. 3-4 bedroom, 1.5 bathrooms, kitchen, dining room, living room, fenced-in back yard, garage. Available September 1. \$900/mo. plus utilities. Contact Kathy DeRosa, [x2236](tel:x2236), [kad2](tel:kad2), 789-7482

FOR RENT: Apartment, available Sept. 1, 1 bedroom, 68 N. Main St., \$500/mo. includes utilities. Contact Kathy DeRosa, [x2236](tel:x2236), [kad2](tel:kad2), 789-7482



Congratulations to Denise Duclos and Jason Soderblom on the birth of their son, Ayden Nicholas Soderblom. Ayden was 7 lbs 5 oz and 20.5 inches long. He and Denise are both doing very well.

Cherry Juice For Sale at the Tech Farm

CherryPharm would like to let the Station community know that we have an outlet to purchase CherryPharm juice which is open every Wednesday, 10 AM - 2 PM. We will also sell by appointment. Contact Cindy Smith at 781-7308. It's right here at the Tech Farm. Please call for more information.

*Cynthia Smith
Cherrypharm, Inc.*

FRU SURPLUS ITEMS FOR AUCTION

ITEM 1

1968 John Deere Tractor Mod. 1020
Serial No. 011585L
CUID 62733000038
Condition - fair
minimum bid - \$2,500

ITEM 2

Toro Ground Master Rotary Unit (mower)
Mod. 327 Serial No. 80615/90184
CUID C655014600
acquired 4-1-1989
minimum bid - \$1,500

ITEM 3

Triumph Hydro Clipper Sicklebar Mower
Mod. B8508 Serial No. 9075090
Bar Code 36120
condition - fair
minimum bid - \$400

ITEM 4

Ford 3 point hitch auger with 9" auger
condition fair-poor
minimum bid - \$50

If you are interested in any of the above please send a sealed bid to Mark L. Scott, Field Research Unit (from main campus it would be Box 15 Kennedy - Geneva) no later than August 29, 1 PM. Include on your bid you name, department, phone number, e-mail, item you are bidding on and bid. Successful bidders will be contacted that afternoon. You have 5 business days to pay by cash or check made out to FRU-NYSAES. Taxes do apply unless you have a NYS tax exempt form.

Questions can be directed to Mark L. Scott, mls32@cornell.edu or 315-789-3689.

SAVE THE DATE Join us at our 125th Anniversary OPEN HOUSE

September 15, 2007

