

CORNELL
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STATION NEWS

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BRIEFS

Amish author to speak at NYSAES

David and Elsie Kline operate a 35-cow Jersey farm in Fredericksburg, Ohio. This farm blends traditional methods with newer technologies in a manner that is environmentally friendly and profitable. In his two books, *Great Possessions* and *Scratching the Woodchuck*, David shares his passion for wildlife-friendly farming. These stories reveal the rewards of a slower paced life.

David will be the keynote speaker at the Low Input Sustainable Farming Conference on Saturday, January 11, 2003 in Jordan Hall. Come share ideas with David and 16 other successful small-scale farmers from Ohio and Yates County, NY. Topics range from roadside produce to pastured poultry.

For a conference registration packet email Judson Reid at: jer11@cornell.edu or call (315) 536-5123

Viticulture 2003

VITICULTURE 2003 on February 20-22 in Buffalo will feature speakers from Australia, the UK, California, Washington, New York and other states addressing the top topics for grape growers and wine makers throughout the Eastern U.S. and Canada. A "New Grower Workshop" will guide people who want to enter the business. "The Big Picture" on Thursday will provide a global context on production, consumption, and marketing trends. Experts from Australia's University of Adelaide will present a 2-day seminar on wine marketing and winery business practices. Viticultural scientists from around the globe will provide information on improving quality and productivity in vineyards. And public policy experts will explain the bottom line implications of the business climate. For more detailed information, contact Susan Spence (SusanSpence@nywgf.org)

What's Up Across Castle Creek? Update on the Cornell Ag & Food Tech Park

Input from Geneva Faculty and Staff

On December 17, architects and engineers from Einhorn Yaffee Prescott Architecture and Engineering of Albany, NY, will be coming to the Station to find out from researchers in food science, plant pathology, entomology, and horticulture what is needed most in a research facility next to the Station. It is the second of two scheduled meetings with the architectural firm for the Cornell Ag & Food Tech Park, the first of which was held Nov 26. With six months to go before the anticipated ground breaking for the park, and 18 months before the buildings are ready for tenants, the idea of private companies moving next door to the Station is becoming more real and exciting. The Station's 300-plus employees represent a diverse community of skills and specialties.

"No one is in a better position than the Station's own researchers and support staff to tell the board which companies we should be trying to recruit for the park—companies that would benefit the Station and community," said assistant director Marc Smith. "It's not as if Bob Seem, Marc Smith and Jim Hunter are going to think of all these ideas," said Smith, referring to himself in the third person. "What the project needs most is employee participation."

Researchers and service personnel at the Station routinely interact with private research and support companies in the course of their duties. These private sector partners are a potential source of tenants.

And facilities? The architects say that before they can begin to design a state-of-the-art research facility, they need to talk to Station personnel. When the architects and engineers from EYP come to the Station next Tuesday, they'll be listening to learn.

"Creating the park is the domain of administrators and politicians, but, in the end, the park needs to serve a community of scientists, and, for that, there is no substitute for the scientists' input," said Smith.

If you would like to contribute your ideas for development of the park or the research incubator building, please contact Marc Smith at mas265 or x2201.

Update on the Park

When you stand on Collier Drive, in front of you looms the only six-story research facility in Geneva, housing high-tech biology and chemistry laboratories. On your left is a quiet residential neighborhood. On your right is a century-old dairy barn straight from a Norman Rockwell painting. This vista fuses three different worlds and is the key to understanding the success of the Experiment Station and the potential of the new Agriculture & Food Technology Park. The vision partners ground-breaking scientific research and community development with a 122-year history of service to New York agriculture.

Sitting in the middle of a potential research triangle, with Syracuse to the east, Rochester to the west, and Cornell University to the south, Geneva is particularly well-situated to become a major exchange on the high-tech corridor from Buffalo to Albany identified by Governor Pataki that will help revitalize Upstate New York. The corridor has the potential to attract the high-tech companies and high paying jobs that drive economic growth.

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(AGTECH PARK, continued)

The Planning & Review Process

Since 1995, the City of Geneva, Ontario County, and the Agricultural Experiment Station have come a long way toward making this vision a reality. Strong support from state and local governments propelled the expansion of Geneva's Empire Development Zone to include the 72 acres set aside for the park, and the rezoning of that land for Agricultural Technology. Public support for the project was evident in the rezoning process, where citizen volunteers worked alongside city and Station officials to draft the zoning ordinance.

"The public participation process utilized during this rezoning effort is considered by the city as a model for future rezoning efforts," said Bonnie Palmer, the director of the Department of Planning and Economic Development for the City of Geneva.

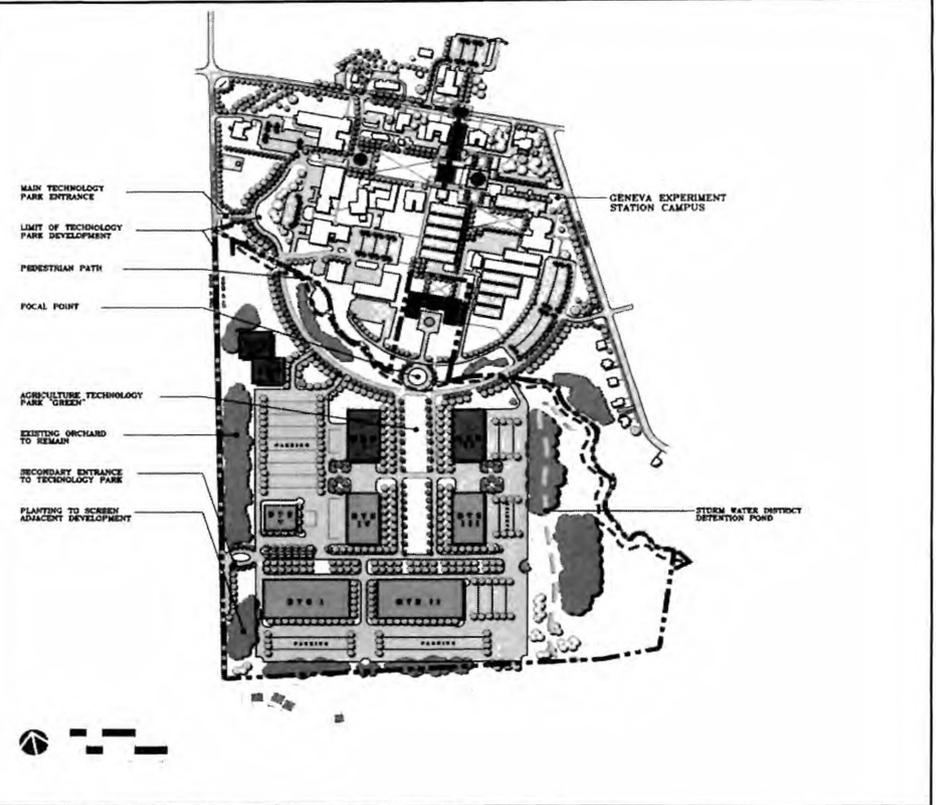
The Geneva Industrial Development Agency has also been a valuable partner in the project, overseeing a series of just-completed regulatory reviews and surveys required under the State Environmental Quality Review Act (SEQRA). The reviewers examined the potential impact of the park on the region's traffic, air, water, noise levels, and archeologically significant remains. The reviewers brought some issues into clearer focus and addressed many others.

As a direct result of the SEQRA review, proposed traffic patterns have been altered to meet community requests, and the New York State Department of Environmental Conservation is helping to ensure the century-old agricultural land meets today's standards for environmental quality. Completing the SEQRA review represents a major step toward groundbreaking for the project.

Funding Match

Strong support for the Cornell Agriculture and Food Technology Park has translated into nearly \$2 million dollars in funds, with another \$6.5 million pending, mostly from state and federal sources. Much of that financial support is from the U.S. Department of Commerce, and is provided as a funding match.

A strong effort to secure additional matching dollars from a variety of sources remains a high priority for the park board of directors. These funds are needed to cover the costs of initial development, infrastructure and research space. Once those are in place, com-



Architect's drawing of proposed Ag & Food Tech Park

panies can either lease space in one of the two proposed incubator research buildings, or build their own.

Architectural Design Focused on Collaboration and Interaction

The incubator is being designed by Einhorn Yaffee Prescott Architecture and Engineering of Albany, NY, to be flexible enough to meet a variety of research needs while still providing the specialized equipment required for food, agriculture and biotechnology research. The architects are working closely with Saratoga Associates of Saratoga, NY—the firm hired to manage the project.

Everything about the park—from its location adjacent to the Station right down to the inclusion of common areas for employee interaction within the research buildings—is designed to enhance professional collaboration and interaction. Access to Cornell entomologists, plant pathologists, plant breeders, geneticists, biologists, chemists, food scientists and technicians with years of experience in their fields is certain to appeal to companies looking for

a home for their research efforts. The prospect of frequent professional interaction with their peers in the private sector also excites Station scientists.

"The Ag & Food Tech Park will provide additional technologies and support opportunities to faculty and staff that will stimulate the development of new and ongoing research into commercial practice," said plant pathologist Thomas Burr, who studies bacterial diseases of fruits and other crops at the Station.

Securing Tenants for the Park

Tenants for the park might run the gamut from a start-up genomics company to the research arm of an international food processing firm. The incubator research building is expected to house biological and chemical wet labs, engineering and information technology research units, and a set of service companies that might provide anything from regulatory assistance to marketing. Larger companies could opt to construct facilities tailored to their own needs, opening the door to larger research opera-

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Amy Andersen with just a small portion of donated goods.

Station Food Drive and Operation Merry Christmas

A heartfelt Thank You to everyone who has contributed to the Station's Food Drive. Your kindness and giving spirit is remarkable!

To date, the Station has donated 92 bags of groceries, 8 bags of Christmas gifts/wrapping paper, and a bin of apples. We also plan to make deliveries this week and next. There is still time to donate to the Station Food Drive and Operation Merry Christmas. A Station Club representative will pick up donations in each building tomorrow for delivery to the Center of Concern on Friday. The Station Drive runs through December 18th.

Also, the Station Club will be having a holiday lunch and merchandise sale on December 19th. If you bring in canned goods, you will receive 10% off of your purchase.

Operation Merry Christmas is now in progress. The following gift donations are still sought:

- * GAMES * NEW BOOKS * TOYS * HATS & MITTENS
- * SOCKS * UNDERWEAR (For Boys and Girls Ages 0 - 18)

If you have questions, please call me at Extension 2314. Again, thank you for your wonderful kindness and generosity.

Amy Andersen

(AG TECH PARK, continued)

tions, or even a federal agency. The USDA's Agriculture Research Service has initiated a feasibility study to look into placing a new National Grape Genetics Laboratory at the Cornell Ag Tech Park.

"The feasibility study will determine the desirability of having such a center, what kinds of research would go on there, and what the scope of that research might be," said Henry Parker, Associate Area Director for the North Atlantic Region of the USDA-ARS. "The grape industry in New York has been very interested in encouraging and supporting expanded research. The initiative for this study came from the stakeholders."

The Agricultural Experiment Station provides unique resources upon which the park and its tenants can build, with varied and exciting research programs and strong international connections. Over 50 Cornell University faculty conduct research and provide extension from the Station, providing links to hundreds more researchers on the Cornell's main campus in Ithaca.

"Companies in the Park are likely to employ highly capable scientists and technologists with techniques and skills that complement those of the Station's faculty," said Gary Harman, a research professor at the Station. As cofounder of BioWorks, Inc., a company that develops, manufactures, and sells EPA-registered biological control products in the U.S. and other countries, Harman is especially

sued to understand the potential benefits of such a park to high-tech companies. BioWorks, Inc is an example of Cornell research that was transferred into the private sector for commercial development. "Some of the companies at the park will commercialize the technologies and expertise of Cornell faculty, speeding the translation of basic scientific knowledge into useful developments for society at large," he said.

Similarly, the City of Geneva is well-suited as a location for the Park, being situated in Ontario County, one of the fastest growing, business friendly counties in the state. The city's valuable partnership role in developing the park is a demonstration of its commitment to encouraging high-tech companies to locate in Geneva.

"The Geneva Area Chamber of Commerce has been a supporter of the Ag and Food Tech Park since its inception," said Melanie Stepp, president of the Geneva Area Chamber of Commerce. "It is another manifestation of the renaissance we are seeing in Geneva. We look forward to being an active partner as the project moves forward."

Food and agriculture already generate billions of dollars for New York State.

With such a range of potential tenants, the Cornell Ag & Food Tech Park is expected to generate hundreds of jobs for the region and generate new and exciting research in the fields of agriculture and food technology.

"The question of how to sustain the long

term viability of the Station in the face of the state's budget reality must be addressed," said Station director James Hunter, who is also president of the Cornell Agriculture and Food Technology Park Corporation (a not-for-profit business independent of the university). "Working with companies that conduct research and development in the park could be part of the answer and, at the same time, contribute to economic development in Upstate New York."

To date, collaboration has been the hallmark of the Ag & Food Tech Park—collaboration between academia and government, between public and private entities, and between scientists and entrepreneurs. This collaboration lends strength and substance to the promise of the park for the Station and for the city of Geneva: a promise to aid in the economic development of the region; a promise to ensure the longevity of the Agricultural Experiment Station; a promise to improve food and agriculture in New York and beyond; a promise to bring better jobs to the region; and a promise to provide the world with exciting advancements in science and technologies that improve our lives.

In another 120 years, when you stand on Collier Drive, looking at the Ag & Food Tech Park across Castle Creek, the research facilities will be better, the neighborhood thriving, and the dairy barn standing proudly, symbolizing a continued commitment to strengthening food and agriculture in the State of New York.

P. Seem

CALENDAR of EVENTS
DECEMBER 13 - 20, 2002

MEETINGS

CALS Chairs Meeting

Date: Tuesday, December 17, 2002
Time: 3:00 PM
Place: 264 Roberts Hall

LTC

Due to Jane Irwin's absence, the Open Labs that had been scheduled for the next month have been cancelled. Please contact library staff if you have questions.

FITNESS

Aerobics

Date: Mon. & Fri.
Time: 12:10 - 1 PM
Place: Sawdust Cafe

Taekardio

Date: Mon. & Wed.
Time: 12:10 - 1 PM
Place: Jordan Hall Auditorium

CLASSIFIEDS

FOR SALE: snow blower for Murray lawn tractor, 2 stage 36" wide. \$150. Call 2250 or 789-5368 after 5:00 PM

FOR SALE: Four, 44" X 27", push-put windows complete with screens and storm, 25\$ each. One solid wood Boston rocker, like new, 100\$. Contact mlh5 or call 2423.

FOR SALE: 1995 Ford Explorer XLT 4x4, 6-cyl, auto, AC, cruise control, power steering, windows, lock, and mirrors. Stereo + 6xCD-changer, moonroof. 103k miles. The car is grey metallic and in good condition. Asking \$6,200 or BO. Contact Ulf and Dace at 315-789-6169 or ulf.erlandsson@intentionia.se

FOR RENT: small two-bedroom trailer, basement, garage, nice yard. Less than 2 miles from Station. hlw7@nysaes.cornell.edu phone: 2433 or 781-8504.

FOR RENT: Large 1 bedroom apartment, walking distance from Station. \$500/month plus electric. Security deposit required. Contact dbc10 or 781-1808.

FOR SALE: professional drafting table, Hamilton VR20, 3'x5', power lift, excellent condition, \$300. Call Dave x2496.

Nearly all men
can stand
adversity,
but if you want
to test a man's
character,
give him power.

Abraham Lincoln

**HOLIDAY SHOPPING WITH
STATION CLUB
NOON-HOUR LUNCH AND
MERCHANDISE SALE.
THURSDAY, DECEMBER 19, 2002**



Sawdust Cafe

Get 2 slices of pizza, tossed salad &
soda all for only \$4.00

Bring in canned goods for the Station Food Drive and receive 10% off your purchase. We have a large selection of t-shirts, sweatshirts, golf shirts, book bags, aprons, hats, coffee mugs, wine glasses and children's t-shirts & sweatshirts for you to choose from. New this season, we are selling polar fleece pullovers and jackets in black, navy and forest green.

See you there!