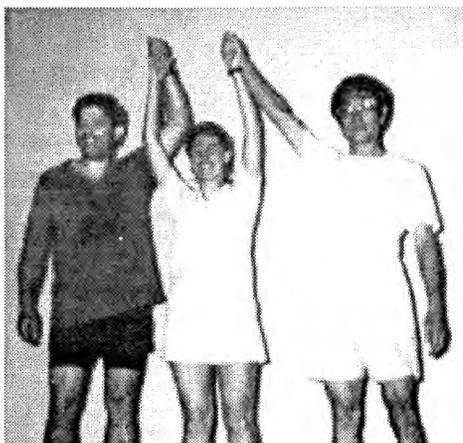


CORNELL
UNIVERSITY

STATION NEWS

GENEVA
NEW • YORKVOLUME LXXVII • NO. 31
AUGUST 2-9, 1996

BRIEFS

PLANT PATHOLOGY WINS FIRST
NYSAES PING-PONG
TOURNAMENT CHAMPIONSHIP

Winners! (l-r) Marc Fuchs, Carmen Fagoaga, and Baozhong Meng.

The first NYSAES Ping-Pong tournament ended in the stadium of Jordan Hall on July 25, after a two-week fierce competition among eight teams. Organized by Aijun Zhang and Shaojiu Wang of Entomology, and sponsored by the Station Club, this tournament has brought fun, excitement and exercise to its 24 participants. Plant Pathology II (Carmen Fagoaga, Baozhong Meng and Marc Fuchs) beat all their opponents to become the first ever NYSAES Ping-Pong championship team. Rixana Petzoldt, Ken Bell, and Wendell Roelofs, the tournament favored "dream team," fell short in the final matches to take the silver. Food Science I (Jirarat Tattiyakul, Yang Wei, and Hungju Liao) finished third, while Team Entomology (Sue Mazumdar, Shaojiu Wang, and Aijun Zhang) ended up in fourth place.

Ping-Pong, a basement family game for most Americans, is a big deal in some other parts of the world. This tournament happened right before the Atlanta Olympic table tennis matches.

(Continued on page 2)

From the Director...

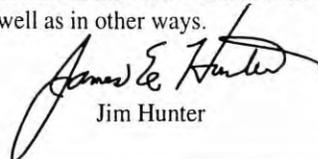
BUDGET NEWS

You may have seen a recent headline in the *Cornell Chronicle* that indicated that the statutory colleges had fared well in the state budget allocation. Maybe the headline should have stated that Cornell had not done as poorly as was originally feared. The budget reduction for Cornell that was stated in the *Chronicle* was \$2.4 million. Cornell estimates that our share of the budget cut will be \$285,900. I do not expect a major change when the final figures are released.

The "good news" is that this cut is less than we had planned on, and the savings from participation of employees in the retirement incentive program last year and this year will enable us to absorb this cut without further reduction in the number of state employees at this time. The bad news, of course, is that we have downsized to the point where some critical programs are unstaffed or understaffed. The other bad news is the possibility of a cut later in the year, which we suspect would be approximately \$90,000. However, we have held funds in reserve to meet this possible cut.

On the positive side, I am pleased that our allocation for utilities was increased by \$42,800. We need this badly because for the fiscal year that ended June 30, Ithaca had to cover a utility deficit at Geneva of approximately \$54,000. We can't count on this help every year so everyone must practice energy conservation as much as possible: no lights turned on unnecessarily, and conservative use of air conditioning now and heating later.

The bottom line is that we positioned ourselves to absorb a cut of the magnitude we expect to receive this year, so we can all breathe a little easier for now. In the meantime we will keep working on trying to get the Governor to include a special appropriation for Geneva in his 1997 budget that will be finalized by October. Employees can probably be most effective by informing their contacts in industry or other key people of our need for them to speak on our behalf with their legislators. This should only be done selectively and in a limited way. But, if you do have a few good contacts, Communications Services can give you copies of our two recent publications to share with these people. This includes the one called an Investment Prospectus that identifies our resource needs for critical programs that will benefit the state economically as well as in other ways.



Jim Hunter

FINAL NOTICE END OF THE PRIME COMPUTER

This is the final notice of removal of the Prime Computer from service. Mechanically, it is on its last legs and is being maintained on a day-to-day basis. Once it stops, that is it! If you have anything of value on the Prime, you should tell Patty Gibbs, x289, as soon as possible.

NEW EQUIPMENT MAKES PILOT PLANT MORE VERSATILE

In the last three months, more than \$130,000 worth of new food processing equipment has been donated to the Experiment Station's Food Science & Technology department and is being added to the Pilot Plant, where it will be used in research, teaching, and testing.

"The food industry has donated this equipment to us in recognition of our outreach and service," said Mark McLellan. "We will be able to provide them with important feedback about operational characteristics, design, and performance when we use the equipment in our research projects. As a neutral site, we will also be a resource to potential purchasers who want to discuss technical issues concerning equipment operation."

The Pilot Plant will also be much more versatile as a service facility, because food companies who come to Cornell to develop new product lines will be able to incorporate the equipment into their operations. Dozens of companies have used the Pilot Plant in the last few years. They pay by the hour to process small quantities of food and develop products and streamline new methods of production.

The equipment includes the following:

- **A Steam Injection Unit from Pick Heaters in Wisconsin** - This unit uses direct steam

contact on fluid and semi-fluid foods elevating the food to temperatures that will destroy microorganisms and deactivate enzymes extremely fast, thereby helping to preserve color, texture, flavor and vitamins.

Estimated value: \$25,000-30,000.

- **A Juice Extractor donated by Frontier Technologies in Michigan** - This unit uses a continuous belt and roller system for fruit and vegetable juice extraction. The extractor can be used for soft fruit pulps as well as very firm vegetable mash such as crushed carrots. Estimated value: \$30,000-35,000.

- **An Automated Filling Line from Oden Corporation in Buffalo** - This computerized container-filling process will fill product in everything from small glass jars to institutional size pails. This equipment is expected to arrive in late August.

Estimated value: \$65,000-70,000.

In addition, Nabisco has donated a stainless steel fruit elevator system. Like most of the rest of the processing equipment in the 10,000 sq. ft. Pilot Plant, the equipment will be put on casters so it can be moved into position as needed or stored when appropriate.

Pilot Plant manager Bob Kime has direct

responsibility for integrating new machinery into the Pilot Plant's equipment flow. Although the donations come with on-line technical assistance and training, it will be up to Kime to work directly with faculty and outside industries who want to use it. Some replaces outdated equipment; others, like the filler, are new additions to the food processing services that the Pilot Plant is able to offer.

"We have been making a major push to get new equipment here," said McLellan, "The additions are exciting, but the department is really challenged to keep up with what is in essence a multi-million dollar equipment plant in times of greatly reduced operating budgets."

Other items on McLellan's wish list include a continuous capper system that will work with the new filler line; container conveyor systems for product handling; control temperature tankage for product preparation; other types of heat exchanges such as scrape surface heat exchangers and high turbulence tube and shell heat exchangers. "Another major area of need is our packaging systems. With the exception of one pouch machine, most of ours date back to the 1950s," he said. "We also need new steam controllers for energy management."

(BRIEFS, Cont.)

Players competed for their departments/units of the station. They also played with different styles deeply rooted in the culture of origin. Technically, athletes in this tournament are not nearly as good as the Olympians, but they set an example for the people in Atlanta for their excellent sportsmanship. Congratulations to all the players! Organizers hope more people will join the next tournament.

NEW YORK STATE TOP RANKING PRODUCER

According to an editorial in *New York Farmer* by Commission of Agriculture, Donald Davidsen, agricultural receipts total about \$3 billion in New York which makes "agriculture the number one industry."

New York ranks first in the nation in the production of fresh market cabbage, creamed cottage cheese, and lowfat cottage cheese. It is second in the production of tart cherries; third in corn silage, apples, grapes, processed snap beans, and milk; fourth in Italian cheese, pears, fresh

market cauliflower, fresh market sweet corn, total cheese (excluding cottage). New York is fifth in fresh market snap beans, processed green peas, processed sweet corn; sixth in fresh market cucumbers, fresh market onions, American cheese; seventh in strawberries and fresh market lettuce; eighth in processed carrots; and ninth in the production of oats and sweet cherries.

WHALE WATCH VOLUNTEERS NEEDED

Don't forget that lots of volunteers are needed for Experiment Station activities at this year's Whale Watch, August 24 and 25.

The Station will be holding three tastings under a 20' x 30' tent: a Supersweet Corn Roast & Taste Test; Tomato Varieties Taste Test; and Early Italian vs. Castleton Plum Taste Test. In addition, Entomology will be hosting an educational insect display and microscope. Outside the tent, volunteers will be helping encase small children in human-sized bubbles in the Station's Bubble Machine.

To volunteer: sign up with your Station Club representative listed below. Check out the complete schedule in the *Whale Watch Folder* on the Computer Center File Server. The schedule will be updated daily by Sandy Antinelli.

The Director has agreed to pay for volunteers' admission for the day, and to sponsor a pizza party on Friday, August 23. 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 |
| Entomology | Donna Roelofs |
| Field Research Unit | Alan Soper |
| FST | Nancy Long |
| Horticultural Sciences: | |
| Hedrick Hall | Gemma Osborne |
| Sturtevant Hall | Cathy Roe |
| IPM | Janet Garlick |
| PGRU | Tiffany Fisk |
| Plant Pathology | Colleen VanAllan |

SURPLUS FOR SALE

The following are being surplused by the Station. Minimum bid prices are given for some items. Sealed bids will be accepted by Mark Scott, Field Research Unit Office until Wednesday, August 14, at 1:00 pm. Please be sure to include your name, campus telephone number, and department on each bid. The Station has the right to reject any or all bids. Call Mark Scott at x296 if you have any questions.

| LOCATION | ITEM AND DESCRIPTION | CONDITION | MINIMUM BID |
|--------------------|--------------------------------------|-----------------------------|-------------|
| Dairy Barn | Allis Chalmers riding mower 36" deck | fair | \$100 |
| Farm Service | spring tine soil conditioning | fair to good | \$50 |
| Farm Service | JB Spray tank w/PTO pump | fair | \$100 |
| Farm Service | Bush hog mower 8' as is | gear box needs repair | \$500 |
| Research North | 1968 INT. 544 hydrostatic tractor | fair to good PTO needs work | \$2,500 |
| Farm Service | 1983 MF 152S Tractor with cab | good | \$4,500 |
| Farm Service | Hammer Mill | fair | |
| Denton | 2 wheel cart with water tank | | |
| | 2 bottom INT. land plow | fair to good | \$200 |
| New Pole Barn | Sweepster Broom Hydraulic angle turn | good | \$1,000 |
| | Tri-Axle trailer fold down ramps | fair to good | \$1,500 |
| Farm Services | Tire Changer AMMCO 502 | good | \$1,500 |
| Veg Crops | Vicon 3pt. Fert. Spreader | good | |
| Farm Services | Hydraulic Chain Saw | Good | \$300 |
| Pomology Pole Barn | Ford 3pt. 5' mower | fair needs work | \$200 |
| Pomology Pole Barn | compressor and tank | fair to good | \$75 |
| Spray Facility | 4 cyl Wisconsin Engine | good | |
| Spray Facility | 4 cyl Wisconsin Engine | good | |
| Darrow | small water tank on trailer | poor | |
| Farm Services | Ford Compressor CH500 | fair | \$25 |
| Research North | 2 section spike tooth harrow | fair | \$35 |
| Research North | 3pt. 1 bottom plow | fair to good | \$100 |
| Research North | 3pt. 2 bottom plow | good | \$200 |
| Crittenden | hay wagon | poor | \$100 |
| Crittenden | trailer type seeder | poor | |
| Crittenden | off set tow behind disc | fair | \$100 |
| Crittenden | single axle trailer | fair | |
| Crittenden | 3pt. 3 bottom plow Ford | fair | \$300 |
| Research North | 250 gallon water tank | poor | |
| Research North | 125 gallon fiberglass spray tank | fair | |
| Research North | high clearance trailer sprayer | poor to fair | |
| Research North | 3pt. 2 row Lilliston cultivator | fair | \$100 |
| Research North | Trailer type seeder | poor | |
| Research North | 3pt. 2 row Ford cultivator | fair | \$100 |
| Research North | 10' cultmulcher Hydraulic lift tow | fair | \$300 |
| Research North | 250 gallon fuel tank with pump | good | \$150 |
| Research North | 3pt. 6' wide snow blower | good | |
| Robbins | 3pt. 2 bottom plow MF 66 | fair to good | |
| Robbins | Sulky sprayer Mcqueen 3hp | fair | |
| Robbins | 12' spring harrow | fair | |
| Robbins | 12' spring harrow | fair | |
| Robbins | 4' pickup drag | fair | |
| Robbins | pull-type transplanter | poor | |
| Robbins | 3pt. 5' disc | fair | |
| Robbins | 10' pull type roller | fair | |
| Robbins | 3pt. 8' spring harrow | fair | |
| Robbins | International 10' grain drill | fair to good | |
| Robbins | 50 gallon spray tank | fair | |
| Robbins | International Cub | fair needs work | |
| Robbins | International Cub | fair needs work | |
| Farm Services | Homelite chainsaw 450 | fair | |
| Farm Services | Homelite chainsaw Super XL | fair | |

THIS WEEK'S CALENDAR

AUGUST 2-9, 1996

EVENTS • MEETINGS

Tuesday-Thursday, August 6-8, 9:00 am-5:00 pm

Redman Lott & Sons Farm, Seneca Falls
Empire Farm Days

EMPIRE FARM DAYS

Empire Farms Days will take place next week, August 6-8, at the Rodman Lott & Sons Farm in Seneca Falls. The theme of the 1996 show is: "If your business is agriculture, our business is you." This year, more than 600 exhibitors are expected to participate, with agricultural displays and demonstration spread over 75 acres. Show hours are 9 a.m.-5 p.m., Tuesday and Wednesday, and 9 a.m. to 4 p.m. on Thursday. Admission is \$5 per car.

PEOPLE

Condolences:

Condolences are extended to the following Station family members:

- Franzine Smith and Dave Gadoury on the death of Franzine's mother, Wednesday, July 24. Dave works in Plant Pathology.
- Amy and Berry Szewc-McFadden on the death of their 5-month-old son, Timothy Jacob, Sunday, July 28. Amy works in PGRU.
- Nelson Shaulis on the death of his wife, Lillian, Monday, July 29. A memorial service will be held for Lillian at 2:00 p.m., Friday, August 2, at the Zion Lutheran Church, Snell Road, Geneva. Memorial contributions may be made to the Center of Concern, 58 Avenue D, Geneva, NY 14456.

STATION SOFTBALL



Last week's results:

Wednesday, July 24 PP forfeits to Serv Staff
Thursday, July 25 PP forfeits to PGRU
Tuesday, July 30 Serv Staff def. ENT

This week's schedule:

Tuesday, August 6 ENT vs. PP
Thursday, August 8 HS/X-tras vs. PGRU

Playoffs begin Monday, August 12. If umpires are needed, the home team captain is responsible for setting them up.

PLAY ULTIMATE! (FRISBEE)



on the south lawn of Barton Lab
Wednesdays at 5:30 pm

Everyone can play. No experience needed.
Questions? Call Amy Roda at x355

VOLLEYBALL

at the Pavilion behind Jordan Hall
Tuesdays at 6:30 p.m.
Everyone's invited.
Questions?
Call Aijun at x362

CO-ED SOCCER

now on the south lawn of Barton Lab
Thursdays at 6:00 p.m.
Everyone's invited.
Questions? Call John Sanford at 539-1200



CLASSIFIEDS

WANTED: Postdoc seeks electric washer and dryer in good condition. Call Chris at x277.

WANTED: Postdoc seeks car. Wagon-type in good condition, preferably with low mileage (e.g. Taurus wagon). Call Chris at x277.

FOR SALE: Two winter 'Starter' jackets, one Buffalo Bills (Youth Large) and one Miami Dolphins (Youth Medium). Both in great shape. \$25.00 each. Two 20" children's bikes in good condition, \$25.00 each. Call Janice in Plant Pathology at x314 if interested.

FOR RENT: Three-bedroom apartment with deck, garden, parking. Walking distance to the Station. \$500/mo. plus utilities. Available immediately. 781-2500.

FOR RENT: Phelps—in the country. One bedroom apartment. \$300/month plus utilities. Security deposit and references required. Available immediately. Call 315-548-2516 or 315-548-9024.

MIKE DICKSON Recognition Dinner

Friday, August 16, 1996

Abigail's Restaurant, Waterloo

6:00 PM Social Hour • 7:00 PM Dinner

Dinner Choices

(all include fresh fruit cup, tossed salad, red roasted potatoes, vegetable of the day, rolls/butter, sundae dessert, coffee/tea)

| No. | Entree | Cost |
|-------|---|------------|
| _____ | Baked Chicken 86 @ \$ 12 | _____ |
| _____ | Veal Parmigiana @ \$ 14.75 | _____ |
| _____ | Broiled Whitefish with Continental Sauce @ \$ 14.75 | _____ |
| _____ | NY Strip Steak @ \$ 17.50 | _____ |
| | Gift Amount Enclosed _____ | (optional) |
| | Total Amount Enclosed _____ | |

Please send reservations with cash or check to Dona Soper, Department of Horticultural Sciences, Hedrick Hall, NYS Agricultural Experiment Station, Geneva, NY 14456. Make checks payable to Dona Soper.

DEADLINE IS AUGUST 9, 1996

Name _____

Address _____