

CORNELL
UNIVERSITY

STATION NEWS

GENEVA
NEW • YORK

VOLUME LXXIX • NO. 9

MARCH 6-13, 1998

BRIEFS

WYNIFT FOOD INDUSTRY EXPO

On March 24th the Western New York Institute of Food Technology (WNYIFT) will host the WNY Food Industry Expo—a suppliers' exposition for the food industry.

There are currently 82 companies signed up and fully paid as exhibitors and WNYIFT is in need of 12 student volunteers for the day. Each volunteer will receive a free ticket to the early evening reception.

Students will be asked to help with setup and assist industry reps in getting their booths arranged. Students will cover the tables with paper tableclothes and set out signs, help exhibitors unpack cars and generally be charming and helpful to exhibitors as well as attendees. Undergraduates as well as graduate students are welcome to enlist.

It will be a full day starting at 8 am and ending in the evening. The expo will be held at the Rochester Riverside Convention Center.

Please send an email to Debby Ditzell (dld2@cornell.edu) expressing your interest.

M. McLellan

TAX-DEFERRED ANNUITIES

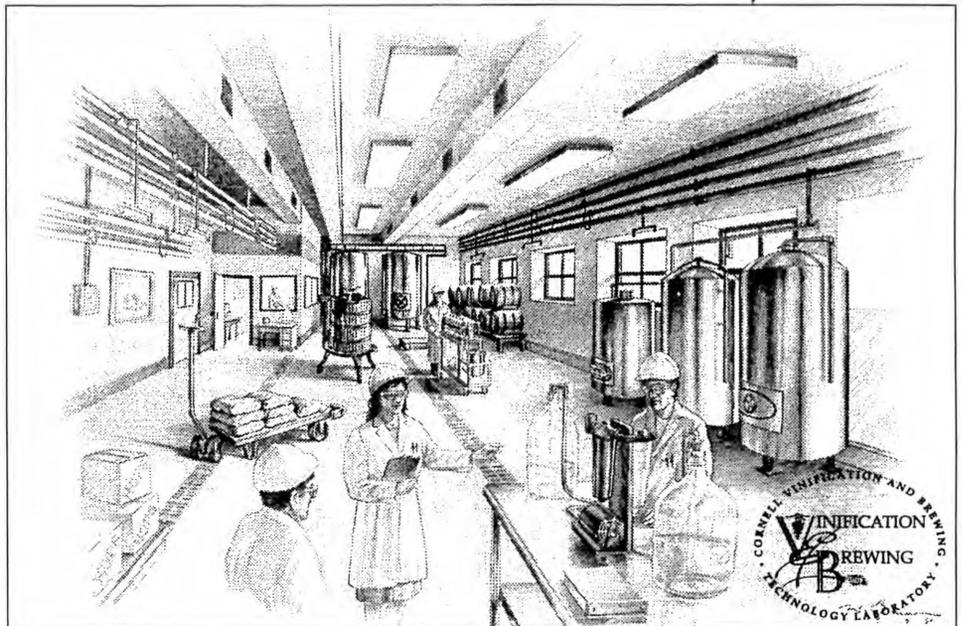
These days it's more important than ever to put aside extra funds for the future. While there always seems to be a good reason to postpone saving, the best time to start is now.

Tax-deferred annuities (TDAs) offer you an easy and affordable way to help build that additional income you'll need for the future. When you enroll, your employer puts a portion of your salary into your TDA before your taxes are calculated. TDA contributions lower your taxable salary, so you pay less tax now.

What's more, all earnings on your TDAs are tax deferred, so you pay no taxes on your contributions or your earnings until you receive them as income.

Cornell offers two TDA's, TIAA-Cref
(Continued on page 4)

GALA DINNER SET TO SUPPORT STATION'S VINIFICATION AND BREWING TECHNOLOGY LAB



For the first time in its history, the Station is in the process of constructing a special laboratory that has been requested by and is being supported to a large extent by industry. The new Vinification and Brewing Technology Laboratory will be housed in a 2,000 square foot facility on the ground floor of the Station's Food Research Laboratory.

As a combination fundraiser and social event, the Station is sponsoring a \$100 a-plate-dinner at the Ramada Inn Geneva Lakefront on Thursday, March 26, 1998. The dinner will be preceded at 6 pm with a sparkling wine and specialty draft beer reception, which will be held just outside the main ballroom at the Ramada. There will also be a silent auction of single cases of premium wines that are considered to be among the finest selections ever offered at a single function. More than 20 different wines and about half that many beers will be served during the reception and dinner.

Tickets for the event can be obtained from Pat Krauss, assistant to the director, and the public is invited. The dinner choices are: grilled sea bass on a roasted red pepper sauce; stuffed breast of chicken with apples, cranberries, and walnuts, pecan crusted with raspberry sauce; or roasted prime rib hickory marinated. Reservations should include choice of dinner and a check made payable to Cornell University for \$100 for each dinner selected. Reservations will be accepted until March 10.

"Our goal is to raise \$20,000 as a result of this dinner that can be used to begin construction of the Cornell Vinification and Brewing Technology Laboratory," said Dr. Mark R. McLellan, director of the lab and chair of the Department of Food Science and Technology. "I am especially pleased to announce that Canandaigua Wine Company has underwritten half of the cost of the actual dinners," commented McLellan. "We are still looking for another donor from industry to

(Continued on page 3)

(TECH. LAB, cont.)

cover the remaining half of the actual cost of the dinner. This would then clear the way for the total income from dinner reservations to be used toward building the laboratory."

Master of ceremonies for the evening's festivities will be Daryl B. Lund, the Ronald P. Lynch Dean of the College of Agriculture and Life Sciences. Guest speaker is Howard Jacobson, Canandaigua Wine Company, who will discuss "Marketing Trends for Alcoholic Beverages."

Even though the Station has a 10,000 square foot fruit and vegetable processing pilot plant that has been used, in part, for fermentation studies, the growth of the wine and beer industry in the state has been such that a separate facility is required to properly serve the needs of the industry. Today, there are 125 farm wineries in New York plus three large breweries. Numerous pub breweries and microbreweries have been established in the last few years.

As a result, industry, the state, and the staff at the Station have formed a partnership to construct the new Cornell Vinification and Brewing Technology Laboratory. The facility will have its own loading dock and a specially prepared floor and drainage system. Mashing and lautering vessels, a boiling kettle, and fermenters will be located at one end of the room and dedicated to brewing technology. The other end of the laboratory will have 100 liter to 500 liter wine fermentation tanks and an analytical laboratory and office. The central workspace will include de-stemmers, crushers, presses, filters, and heating and cooling equipment.

In addition to McLellan, the laboratory will be under the guidance of Thomas Henick-Kling, enology program leader, and Karl Siebert, brewing program leader.

The new facility will be used by the faculty and staff at the Station and will be shared with wineries, breweries, suppliers, and equipment manufacturers as well as educators, consumers, national associations, and students.

The Station has a long tradition of working with fermented products. Food scientists have expertise in enology, brewing, other food fermentation, quality assessment of beverage products, flavor chemistry, engineering, process technology, and food safety. Horticultural scientists have developed new varieties of wine and juice grapes particularly suited to the New York microclimate. They also have made innovative changes in the growing, training, and breeding of grapes for the juice and wine industry. Plant protection specialists in entomology and plant pathology have focused on managing insects and diseases and reducing the reliance on traditional agricultural chemicals to control these pests.

Fermented products constitute a significant aspect of New York agriculture. This new laboratory is just one more reason how the Station "means business for New York State."

P. Krauss

CPR/FOREIGN BODY OBSTRUCTION TRAINING SESSIONS

CPR and Foreign Body Obstruction training sessions will be presented by Carol Raymer, Education Department, Geneva General Hospital, on Friday, April 10, 1998, in the Jordan Hall Auditorium. Session 1, scheduled from 8:15-10 am, and Session 2, scheduled from 10:15-12 pm, will be specifically designed for individuals requesting recertification. Session 3, scheduled from 1-4 pm will be designed for individuals requesting certification. A \$5 fee, which includes a manual, will be charged to the appropriate department/ unit. Supervisor approval will be required. Enrollment will be limited by the number of available instructors.

To register, fill out the form below and return to Personnel by March 31, 1998. Questions may be referred to Charlene Dunham, x203 or cmd4.

CPR TRAINING AND FOREIGN BODY OBSTRUCTION Return to Personnel, Jordan Hall by March 31, 1998

PLEASE PRINT

Name: _____

Department: _____

Phone: _____

Supervisor's Signature: _____

Request: Session #1 _____ (recertification) OR
 Session #2 _____ (recertification) OR
 Session #3 _____ (certification)

WWW SITE OF THE WEEK

To continue last week's topic, this week's web site also deals with a leading science magazine that has come to the Web: *Science Online*, at www.sciencemag.org.

Science Online is meant to be a full complement to the print version of *Science*. In fact, in order to register for complete access to *Science Online*, you must be a member of the American Association for the Advancement of Science and have a paid subscription to *Science* magazine. For an additional \$12, you may become a registered subscriber to *Science Online*.

Is it worth it? That is pretty much up to each individual. Luckily, the free access portion of *Science Online* does give a good sampling of what you can expect from the full version. (It should be noted that registering for "Free Partial Access" gives you no more access than not registering.)

Science Online is fairly simple to navigate. The free access sections include a past issue of *Science Online*, essays on science and society, and the features, "*Science's Next Wave*," "*Science Professional Network*," and "*Electronic Marketplace*." "*Electronic Marketplace*" lists advertisers and products as they would appear in a paper magazine. "*Science Professional Network*" may be a useful networking tool. "*Science's Next Wave*" deals with science as a business. *Science Online* has two especially nice touches. One is that they are aware not everybody is surfing with a fast connection, and they provide a "low bandwidth" version with fewer graphics. The second is that they also realize that the entire science world does not speak English, and some general information is available in a wide variety of languages.

GLOVE SELECTION AT CORNELL

Gloves are a key component of the personal protective equipment used at Cornell University. Glove selection is a complicated decision that should not be taken lightly. There are many factors to consider when choosing a protective glove.

Every glove manufacturer provides chemical resistance and permeation information that you should make yourself aware of. It is important to keep in mind that every manufacturer's glove is formulated differently. This will influence which glove is the best
(Continued on page 3)

(GLOVES, cont.)

choice to provide protection from the chemical you are working with. Not all chemicals have been tested by glove manufacturers, and most mixtures have not. It is especially important in these situations to contact the manufacturer. There is no glove currently available that is resistant to all chemicals. Some general guidelines to different glove materials follow:

- *Neoprene*: Resistant to mineral acids, organic acids, caustics, alcohols, and petroleum solvents.
- *Nitrile*: Resistant to ketones, alcohols, caustics, and organic acids.
- *Natural Rubber*: Resistant to ketones, alcohols, caustics, and organic acids.
- *Polyvinyl chloride (PVC)*: Resistant to mineral acids, caustics, organic acids, and alcohols.
- *Polyvinyl alcohol (PVA)*: Resistant to chlorinated solvents, petroleum solvents, and aromatics.

The following is a list of common chemicals used at Cornell University and the recommended glove to select for use:

- Acetone: Butyl Rubber, Nitrile, Neoprene, Ansell Edmont 4-H™
- Acetonitrile: Butyl Rubber
- Carbon Tetrachloride: Nitrile, Viton®
- Chloroform*: Viton®
- Dioxane: Butyl Rubber, Ansell Edmont 4-H™
- Ethanol: Nitrile, Neoprene, Butyl, Viton®, Ansell Edmont 4-H™
- Ethyl Ether: Nitrile for light exposures
- Hexane: Nitrile, Neoprene, Viton®
- Isopropanol: Nitrile, Neoprene, Butyl, Viton®
- Methanol: Butyl, Viton®, Ansell Edmont 4-H™
- Methylene Chloride*: Nitrile for light exposures, Viton®, PVA
- Toluene*: Viton®, PVA
- Xylene: Viton®, PVA

*will attack all types of natural and synthetic glove material

Another important factor to consider when selecting hand protection is the amount of time you will be exposed to the chemical. There is no glove that offers protection for an indefinite period of time. Estimate the time you will be in contact with the chemical and choose a glove with an appropriate breakthrough time.

Remember also to choose a glove that fits properly. Determine your proper hand size before ordering. Use a tape measure to find the circumference of your hand, in inches, around the palm. Measure right on the knuckles. The

BARTON LAB SCENE OF COOK-OFF

Smells of chili filled the lobby as the folks at Barton Lab held their first annual chili cook-off last week. Seventeen participants submitted entries and around 50 tasted, tested, and judged. There was something among the many entries to suit everyone's palate, and the biggest problem for most of the judges was finding room for the many different chilis. Winners were:

Meat Chili:

1. Michael Kirby: "Aztec Smoke"
2. Manoel Souza: "I Do Believe It's Not Chili"
3. Cathy Heidenreich: "Hawaiian Pizza"

Vegetarian Chili:

1. Paul Robbins: "Cranberry Cashew"
2. Jay Norelli: "Raj Ma Chili"
3. Five tied for third



Spiciest Chili:

1. Michael Kirby: "Aztec Smoke"
2. (tie) Iris Velazquez: "Boracho" and Frank Wong: "14 M Chili"

Special thanks to Katie McCormick for bringing the cornbread and Carmen Fagoaga for the tortillas, Helene Dillard for sponsoring this event, and everyone else who helped setting up and participating.



Membership Drive

By becoming a member you are entitled to **REDUCED** ticket prices for the banquet, holiday party, golf tournament, bowling party, the summer picnic, and selected souvenirs.

Membership Cost is ONLY:

\$8/family-\$5/single

Retirees: \$7/family-\$4/single

(GLOVES, cont.)

measurement in inches is your glove size (7"=size 7 glove). Of course, sizes may vary among manufacturers, but usually XS=size 6-7, S=size 7-8, M=size 8-9, L=size 9-10, and XL=size 10-11.

Gloves should be replaced periodically depending on the frequency of use and permeability to the substance(s) handled. *Gloves should be rinsed and then carefully removed after use.* Disposable gloves should not be

reused. Wash hands with soap and water after glove use.

If you have questions about which glove to choose, please contact Environmental Health and Safety at 5-8200. Cornell maintains a variety of manufacturers' glove selection guides and several glove selection data bases and is always happy to provide assistance with questions on the appropriate glove selection for specific chemical usage.

-1998- Membership Drive March 1-21

Contact your department representative by **March 21**

Administration	vacant
Buildings & Properties, Security, Fleet & Heating Plant	Ralph D'Amato
Communications	Sandy Antinelli
Entomology	Donna Roelofs
Field Research Unit	Mark Scott
Food Science & Technology	Nancy Long
Horticultural Sciences Hedrick Hall Sturtevant Hall	Gemma Osborne Kristin Ondik
Integrated Pest Management	Cheryl TenEyck
Plant Genetic Resources Unit	Tiffany Fisk
Plant Pathology	Colleen VanAllan

CALENDAR of EVENTS

MARCH 6-13, 1998

EVENTS/MEETINGS

Tuesday, March 10, 10:30 am

348 Morrison Hall
CALS Chairs' meeting

Wednesday, March 11, 3:00 pm

Jordan Hall Staff Room
Chairs' and Unit Leaders' meeting

SEMINARS

HORTICULTURAL SCIENCES

Date: Monday, March 9, 1998
Time: 11:00 am
Place: Jordan Hall Staff Room
Speaker: Dr. Richard Robinson
 Dept. of Hort. Sciences
 Cornell Univ., Geneva
Topic: Breeding Tomatoes for Cold
 Tolerance

PLANT PATHOLOGY

Date: Tuesday, March 10, 1998
Time: 3:30 pm
Place: Room A133, Barton Laboratory
Speaker: Talo Pastor-Corrales
 Novartis-Hudson Valley Station
Topic: New Plant Medicines from
 Novartis for Integrated Disease
 Management
Meet the speaker at 3:00.

FOOD SCIENCE & TECHNOLOGY

Date: Wednesday, March 11, 1998
Time: 10:30 am
Place: Conference Room, FST Bldg.
Speaker: Olivier Perrin
 Visiting Scientist
 France
Topic: Aroma Analysis of Concord Grape
 Juice with an 'Electronic Nose'

ENTOMOLOGY

Date: Thursday, March 12, 1998
Time: 10:30 am
Place: Room 310, Barton Laboratory
Speaker: Alan Hruska, Prof. & Head
 Dept. of Crop Protection
 Zamorano, The Honduras
Topic: The Use of Transgenic Crops in
 Mesoamerican Agriculture
*There will be a period of social interaction
 with the speaker at 10:00 am.
 Coffee & cookies will be available.*

LTC WORKSHOPS

We will be offering one additional workshop in the LTC on April 9th from 9-11am. This workshop will be on searching the AGRICOLA, BIOSIS and CAB databases. Please go to the LTC workshop schedule page at <http://nysaes.cornell.edu/library/cal.html> and register from there.

Tuesday, March 10, 10 am-12 pm
 Library Technology Center, Jordan Hall
Photoshop

Wednesday, March 11, 10 am-12 pm
 Library Technology Center, Jordan Hall
Beginning HTML

Wednesday, March 11, 2-4 pm
 Library Technology Center, Jordan Hall
Intermediate HTML

Thursday, March 12, 10-11:30 am
 Library Technology Center, Jordan Hall
Web Research/Search

GENEVA HEAD START

Geneva Head Start is a preschool program for three and four year olds who live in the Geneva School District. Children of low-income families and children with disabilities or special needs are given priority. There is no charge for this program. At the present time, Head Start is recruiting for the 1998-99 school year and welcomes inquires. Applications will be taken until Thursday, April 2, 1998.

For more information contact Carol Wilson, Coordinator of Family Services, Geneva Head Start, 400 West North Street, Geneva, New York 14456; Telephone: 315-781-4104.

BOTTLE AND CAN DRIVE

The Geneva High School Marching Band/Color Guard will hold a Bottle and Can Drive Saturday, March 14, 1998, at the Northside Fire Department. Students will canvass the city for donations of bottles & cans which may be dropped off at the firehouse between 9:00 am-1:30 pm. For pick-up call: 789-3187 or 789-9193.

FST HOUSECLEANING

Free to a good home! Help yourself!

- (3) 5 ft. metal Steelcase table/desk with center drawer
- (1) 5 ft. metal Steelcase typing desk with 6 drawers
- (1) metal Steelcase desk with 7 drawers

Contact Bob Clise, x372.

Miscellaneous glassware and lab items available in Food Science stockroom, also free. Call Jane DeCann, x287. Remaining stock will be given to area high schools.

Food Science conference room has a 15 ft. chalkboard available, also free. Call Roger, x256 to claim and schedule removal and installation by B&P.

(BRIEFS, continued)

and Fidelity. Information describing how the benefits of tax deferral make TDA's such a smart way to save and invest is available for both plans. Call x203 or e-mail cmd4 for informational literature about either or both plans along with the necessary forms. Start now—it's a smart decision! You'll feel good knowing you're working towards a more financially secure future in a way that makes good financial sense.

C. Dunham

NIFTY URL FROM THE LIBRARY

Planning a trip overseas? From Bob Seem in Australia, here's help for distant travelers: Steve Kropla's *Help for World Travelers* web site. Welcome to one of the Web's most comprehensive listings of worldwide electrical and telephone information. Wondering how you're going to recharge your VCR in Argentina? Hook up your modem in New Caledonia? Call that number in India? You've come to the right place. Point your browser to: <http://www.kropla.com/>

P. McDonald

CLASSIFIED

FOR SALE: Sony, SPP95, cordless, 10 channel, speaker phone with intercom. Best offer. Contact Roger, x256 or rec3.

FOR SALE: 1990 Toyota Camry, 140K, good condition, clean engine, driven 80 miles daily, reliable. \$3600, e-mail cm22

WANTED TO RENT: One bedroom apartment for visiting European couple. Call 781-5331 (evenings) or e-mail dm51

SPRING IS ALMOST HERE! It's time to start planning for a warm weather get-away. Consider a week at the "Beach House" on beautiful Canandaigua Lake. Openings available in June, August, and September. Call Elaine at x253 or e-mail elg2 for more information.