

WEEK of APRIL 19, 1992

STATION NOTES

TWO PROMOTED TO FULL PROFESSOR

We wish to congratulate Reginald H. Walter and David M. Soderlund who have been promoted to full professor.

Reg is a professor of food science in the department of Food Science and Technology, and Dave is a professor of insect toxicology in the department of Entomology. Reg is working on ways of improving the economics of food processing by finding uses for food processing waste. He is working with polysaccharides to extend the use of pectins and other fruit-derived materials, particularly those from apple and grape, to new food ingredient uses. In essence, apple and grape pomace are mostly waste products in the food industry. They are difficult to dispose of because they are bulky, have a high moisture content, and are biologically insatiable. Reg hopes to find commercial applications for these waste products that will enable them to become usable products in the food chain. It is expected that some of their components will make them likely sources of low-fiber, fabricated foods.

Reg was awarded his bachelor and master of science degrees from Tuskegee Institute and his doctorate degree in food science and technology from the University of Massachusetts. He joined the faculty at the Geneva Station in 1971 as an assistant professor of food science, was promoted to associate professor in 1977, and now to professor. Since 1981, he has been a consultant to the Carib-



Dave Soderlund



Reg Walter

bean Development Bank. He is a member of the American Chemical Society, the Institute of Food Technologists, and the Caribbean Food Crops Society.

Dave joined the department of Entomology as an assistant professor of insecticide toxicology in 1978 and was promoted to the rank of associate professor in 1984. His research program is directed at the discovery and development of new and more appropriate insect control chemicals. Also, he studies the definition of toxicological consequences and risks resulting from the use of established and experimental pesticides.

He is a nationally and internationally recognized scientist in the field of insect toxicology. He has been an invited speaker at numerous national and international symposia. He is particularly well known for his research on the mode of action of insecticidal neurotoxicants using carefully chosen neuropharmacological approaches. These studies have yielded important information about the nature of these sites of *insecticide action*, and has improved significantly the understanding of the quantitative aspects of insecticide-receptor interactions.

Recently, Dave pioneered the application of neurochemistry to the study of sodium channel toxicology, and has initiated collaborative research in molecular biology on insect sodium channel genes. Research on the

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ARBOR DAY CELEBRATION

Join us for our third annual tree planting ceremony as we commemorate Arbor Day 1992 with the planting of a Bosnian pine in the Station pinetum. (yes, we have a pinetum here on the Station. For more information on the pinetum and its history, reserve your copy of the new release *A Guide to the Woody Ornamentals of the New York State Agricultural Experiment Station* today!) The ceremony will be held Friday, April 24, 1992 at 3:30 PM, on the Station grounds just north of the Heating Plant. Director Hunter and Martin Goffinet, Arboretum Chairman, will be the keynote speakers. All Station employees are invited to attend.



The
**GENEVA ARBORETUM
 ASSOCIATION**
 Proudly Presents:

***A Guide to the Woody Ornamentals of
 the New York State Agricultural Experiment Station***

A descriptive guide to the Station's trees and shrubs, including: area maps, species lists, and information on unique species. This guide will be available Arbor Day, April 24, at a price of \$3.00 each. Place your order by Arbor Day and receive a *free Cucumber Magnolia tree*.

To reserve your copy, contact an Arboretum representative:

JORDAN - Elaine Gotham

B&P - Don Johnson

ENT/PP - Cathy Matteson, Brian Terhune

FST - Stan Comstock

FRU - Gary Chicoine

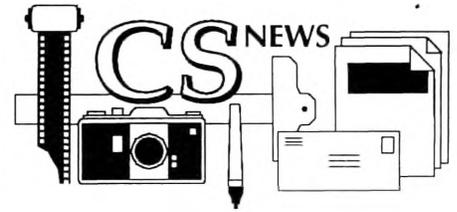
HS - Martin Goffinet, Chris Hayes, Dick

Robinson

PGRU - Warren Lamboy

PROCEDURE FOR TAKING HOBART AND WILLIAM SMITH COLLEGE COURSES

John C. Burditt, Treasurer for Hobart and William Smith Colleges, has asked us to have Station employees follow this procedure in signing up for courses: A call or visit to Peter Sarratori, Registrar, is necessary. His office is located on the main floor of Gulick Hall. Mr. Sarratori can tell employees which courses have space available. Where someone is interested in a course and there is space available, Mr. Sarratori will grant permission for entry. Once he has given his approval, the next step is to pay the \$175 in the Business Office located in the basement of Demarest Hall. The person to see in that office is Mrs. Cynthia Smith, the bursar. Mrs. Smith will do the necessary paper work to complete the registration and enrollment. Should an employee have questions regarding this procedure, please contact Personnel X203



TYPE FONTS SUPPORTED BY SLIDE MAKER

The following fonts of type are now fully supported by the Station's slide maker in Communications Services: Avant-Garde, Bookman, Garamond, Courier, Helvetica, Palatino, Symbol, Times, New Century Schoolbook, and Zapf Dingbats. These fonts work with such slide-producing programs as PowerPoint, Aldus Persuasion, MacDraw Pro, and Cricket Presents.

CORNELL FEDERAL CREDIT UNION Spring Invitational Auto Sale

From Monday, May 4 through Monday, May 11, you will be able to select the new or used car of your choice at both extraordinarily reduced prices and special loan rates and terms offered for this sale only by CFCU. This sale has been designed to give you the best deals—with the added benefit of very favorable Credit Union financing. Geneva Toyota, Jeep, Eagle on Route 5 & 20 is the only local dealer participating in this sale, but many others from the Ithaca area are also participating. Stop by the Personnel office and pick up an invitation listing all participating dealers and special loan rates.

relationship of these genes to pyrethroid resistance lays the foundation for the use of these approaches in the rational management of resistance to pyrethroid insecticides. Insecticide resistance continues to threaten sound pest management practices in many important crops.

In addition to his research program at Geneva, Dave has served as a consultant to several chemical companies, has been a member of the U.S. Department of Agriculture's Competitive Grants Review Panel, and is on the editorial board of two prestigious scientific journals. He developed and teaches a course in insect toxicology to undergraduate students on the Ithaca campus. His research group has included graduate students, postdoctoral associates, and visiting scientists from throughout the world.

Dave was awarded his bachelor of science degree from Pacific Lutheran University and his doctorate degree in entomology from the University of California, Berkeley. He is a member of the American Association for the Advancement of Science, the American Chemical Society, and the Entomological Society of America.

POLICIES, PROCEDURES and PEOPLE

• *Joe Pettrone Recovering from Surgery*

Joe Pettrone is recovering from heart bypass surgery at Rochester General Hospital. Cards may be sent to him at Rochester General Hospital, 1425 Portland Avenue, Patient Room 4422, Rochester, NY 14621. Joe was an employee in Buildings & Properties until his retirement in 1987.

• *Update on Bob Nellis*

We have reported for the last couple of weeks that Bob was moved to a rehabilitation center in Cortland, NY, on March 25. His address is New Medico Rehabilitation and Skilled Nursing Center of Cortland, 28 Kellogg Road, PO Box 5510, Cortland, NY 13045 2 South Room 208. The telephone number for the facility is: 1-800-473-5369.

People wishing to contribute to "The Bob Nellis Benefit Fund" may send donations in care of Chase-Lincoln First Bank, 5 Seneca Street, Geneva, NY 14456. Anyone with questions about the fund may contact Bonnie Nicastro at 781-2679 or 568-6977.

• *Directories Available*

Extra copies of the 1991-92 Directory of Professional Workers in State Agricultural Experiment Station and Other Cooperating State Institutions are available by contacting Kathy DeRosa at x210.

CALENDAR of EVENTS

Tuesday, April 21, 3:30 pm
Auditorium, Jordan Hall
Geneva Faculty Meeting

Tuesday, April 21, 6:30 pm
Sawdust Cafe
English as a Second Language

Wednesday, April 22
Professional Secretaries' Day

Wednesday, April 22, 3:30 pm
Director's office, Jordan Hall
Research department chair's meeting

Wednesday, April 22, 7:00 pm
Sawdust Cafe
Finger Lakes Stamp Club

Thursday, April 23, 8:00 am
Lounge, Jordan Hall
Performance Dialogue Workshop

Thursday, April 23, 6:30 pm
Sawdust Cafe
English as a Second Language

Friday, April 24, 3:30 pm
Station grounds just north of the Heating Plant
Third annual tree planting ceremony to commemorate Arbor Day 1992

SEMINARS

HORTICULTURAL SCIENCES

The Horticultural Sciences Seminar scheduled for Monday, April 20, has been cancelled.

PLANT PATHOLOGY

Date: Wednesday, April 22
Time: 3:00 pm
Place: Room A133, Barton Lab
Speaker: Dr. Wayne Wilcox
Department of Plant Pathology, Geneva
Topic: Phytophthora diseases of fruit crops II: The sequel

ENTOMOLOGY

Date: Thursday, April 23
Time: 3:30 pm
Place: Room 310, Barton Lab
Speaker: Dr. Russell Jurenka, Research Associate, Department of Entomology, Geneva
Topic: Hormonal Control of Pheromone Biosynthesis in Moths, Part I



Happy Easter



TIMES HAVE BEEN BAD BEFORE

We all recognize that these are difficult financial times. This is true for the Station and Cornell University, just as it is with our personal finances. Morrie Vittum, a professor emeritus of horticultural sciences, came across the following statement in the Station's Annual Report for 1940:

"Because of the reduction in personnel and funds due to the cut in appropriations, adjustments in a number of instances were necessary....difficulties were encountered, chief of which is that the sum of money provided by the budget for heat, light, and power proved too small for the maintenance of necessary operations....In order to avoid a deficit, it became necessary to shut down the greenhouses from November 1 to March 1, which unfortunately necessitated the loss of one year in the vegetable breeding activities."

The Station survived that incident, and will survive the current situation as well. It will continue to serve the fruit and vegetable industry in this state as it has so well for over a century. And, it will continue to play an important role in Geneva as one of the major employers of the area.

LIBRARY OPEN HOUSE

Sixty-five people attended the Library Open House Friday, April 10, 1992. Featured were over 100 books recently edited or authored by the Station faculty and staff, and a display of rare botanical books.



Above, Wolfram Koeller, Head of the Faculty Library Committee.

Below, Director Hunter, Charlotte Pratt and Muhammad Lodhi look over book display.



ASK AUNT JORDIE...



Dear Aunt Jordie:

I don't understand procedures at the Station with the United Way campaign. An employee must return a donation card whether he/she chooses to contribute or not. Why? Also what is the purpose of the report which I understand must be filled out. This is an invasion of privacy and personal business.

Signed: Campaign Problem

Dear Campaign Problem:

It is not mandatory, but it is very useful to an efficient drive to have all the pledge cards returned. On the local level the returned cards give the campaign coordinators an indication of how the drive is progressing. The returned cards ensure accountability for all donations, which are recorded to protect the interests of the donors. This information is kept confidential. The Station and unit coordinators are not told who gave what last year. The only reports are those that the unit coordinators send to the Station coordinator listing donations so that the cash, checks and deduction arithmetic can be checked to agree with the total pledged.

CLASSIFIED

OPEN: Stark Street Gardens is now open for the season. Lilies, begonias, spring bulb pots, and other blooming Easter plants available. Open Saturdays and Sundays 9:00-6:00 pm. Weekdays 2:00-6:00 pm. 79 Stark Street, Waterloo. 539-3155.

RABBITS FOR SALE: Baby mini-tops. \$10 each. Call John Ludwig at x309 or 539-3155.

FOR SALE: Pure New York State Maple Syrup. FRESH! Contact Pam Adams, x364.