

# **Station Calendar**

**FOR WEEK OF DECEMBER 3, 1978**



## **CALENDAR OF EVENTS**

- December 5—10:00 a.m.—Tour, Fifth Grade, Dresden Elementary School  
5—1:00 p.m.—Tour of vegetable research programs, Joe Cuniglio, Extension Vegetable Specialist for the Capital district and members of his advisory committee  
6—9:00 a.m.—Staff Room, Jordan Hall—Station Seminar  
6—2:45 p.m.—Tour, Analytical Chemistry Class, Cayuga County Community College  
6—4:00 p.m.—Conference Room, Food Research Laboratory—Food Science Seminar  
6—8:00 p.m.—Mrs. Barton's Home—Ceres Circle Christmas Wrapping Party  
7—3:00 p.m.—Room A133, Entomology-Plant Pathology Laboratory—Plant Pathology Seminar  
7—10:00 a.m.—Tour, Russian Scientists  
8—10:00 a.m.—Hudson Valley Lab., Highland—Hudson Valley Program Review

## **CERES CIRCLE MEETS DECEMBER 6**

Ceres Circle will hold its annual Christmas wrapping party at the home of Mrs. Donald Barton at 8 p.m. on December 6. Purpose of this party is to wrap the gifts that Santa will bring to the children at the Christmas party December 15. We hope that all Station women will want to participate in this gift wrapping evening.

### **STATION SEMINAR**

Wednesday, December 6, 1978 - 9:00 A.M.  
Staff Room, Jordan Hall

- TITLE: Current Awareness Literature Service (U.S.D.A.)  
Hazel Pollard  
Technical Information Systems  
National Agricultural Library

### **FOOD SCIENCE SEMINAR**

Wednesday, December 6, 1978 - 4:00 P.M.  
Conference Room  
Food Research Laboratory

- TITLE: Microbiology of Frozen Vegetables—Update  
Don Splitstoesser  
Department of Food Science and Technology

### **PLANT PATHOLOGY SEMINAR**

Thursday, December 7, 1978 - 3:00 P.M.  
Room A133

Entomology-Plant Pathology Laboratory

- TOPIC: Monitoring tolerance of *Monilinia fructicola* to benomyl  
Michael Szkolnik  
Department of Plant Pathology

For the most part this seminar will cover work done while Dr. Szkolnik was on sabbatical leave at the University of California, Davis. Monitoring of peach mummies and apothecia provided information on the level of tolerance of *Monilinia fructicola*, the brown rot pathogen, to the fungicide benomyl and the monitoring of infected blossoms later provided information on changes in the level of tolerant strains.

# **Station Calendar**

**FOR WEEK OF DECEMBER 10, 1978**



## **CALENDAR OF EVENTS**

- December 10—7:00 p.m.—Staff Room, Jordan Hall—  
Firemen Little League Baseball Team  
Meeting  
12—10:00 a.m.—Staff Room, Jordan Hall—  
Station Seminar  
12—10:30 a.m.—348 Morrison Hall Seminar  
Room, Ithaca—Department Heads  
Meeting  
13—10:30 a.m.—Visitor—Mr. Gupta, Punjab  
University, India (UNESCO Fellow)  
13—3:00 p.m.—Dr. Barton's Office—Geneva  
Department Heads Meeting  
13—3:30 p.m.—Staff Room, Jordan Hall—  
Horticulture Seminar  
13—7:00 p.m.—Staff Room, Jordan Hall—  
Finger Lakes Stamp Club Meeting  
14—3:00 p.m.—Room A133, Entomology-  
Plant Pathology Laboratory—Plant  
Pathology Seminar  
15—6:00 p.m.—Jordan Hall—Station Club  
Christmas Party

## **FINE ARTS EXHIBIT IN LIBRARY**

On December 11, the oil paintings of Beverly Raynak Pinckney will go on display in the Library. A renowned area artist, Bev is employed in the Ag. and Markets Department and most recently exhibited paintings at the Station Arts and Crafts Fair. Her works, which include portrayals of agricultural produce and rural scenes from the Finger Lakes Area, will remain on display in the Library for the month of December.

We are hoping to follow this initial exhibit with further displays by Station personnel of photographs, watercolors, wall hangings, or memorabilia collected from trips or sabbatical leaves. If you are interested in preparing a display for the Library, please call Gail Hyde at 787-2214.

## **STATION SEMINAR**

**TUESDAY, DECEMBER 12, 1978 - 10:00 A.M.**  
Staff Room, Jordan Hall

- TOPIC:** Models: what they are and how to build them  
M. J. Sarette  
Department of Entomology

The use of models is basic to scientific thought and experiment. Actually, a model is a codified hypothesis. In recent years simulation modeling has come to play a major role in the understanding of complex systems; in particular, ecosystems. The capacity of modern computers to handle large amounts of raw data quickly has aided in the development of multidimensional models. However, the modeling process relies more on an understanding of the biology of the system, and an appreciation of factors common to all systems, than on knowledge of computers. This seminar will present a cookbook approach to the development of simulation models.

## **HORTICULTURE SEMINAR**

**WEDNESDAY, DECEMBER 13, 1978 - 3:30 P.M.**  
Staff Room, Jordan Hall

- TOPIC:** ISHS - 1978 meeting and tours, Sydney,  
Australia  
M. T. Vittum  
Department of Seed and Vegetable Sciences

## **PLANT PATHOLOGY SEMINAR**

**THURSDAY, DECEMBER 14, 1978 - 3:00 P.M.**  
Room A133  
Entomology-Plant Pathology Laboratory

- TOPIC:** Cultural and cellular factors affecting regulation of endo-Polygalacturonate trans-eliminase in *Erwinia carotovora*.  
J. P. Hubbard  
Department of Seed and Vegetable Sciences

Glucose repression of Polygalacturonate trans-eliminase (PGTE) synthesis in *E. carotovora* is associated with a decrease in cellular levels of adenosine 3',5'-cyclic monophosphate (cAMP). This repression could be overcome by addition of the nucleotide to repressed cultures. As a further indication of the integral role of cAMP in *E. carotovora*, a cAMP deficient mutant was identified by its characteristic inability to utilize a number of carbon sources including pectin unless supplied with cAMP. PGTE synthesis in *E. carotovora* is also subject to a substrate specific induction, smaller units of the pectin chain being more effective as inducers of the enzyme.



## **PLAY PRESENTED AT CHRISTMAS PARTY**

The Auburn Players production of "Pig Tales" will highlight the Station Christmas Party, December 15, in Jordan Hall. The show, which is billed as a "mud puddle musical," will be presented at 6:45 p.m.

The touring show, for all ages, was written by Ernest J. Schwarz of the Toronto (Canada) Studio Lab Theater and is being produced for the first time in the United States. Schwarz also wrote "Treasure Island" and "Aladdin and His Magic Lamp," which The Players have previously produced.

Heading the cast as Dumpy and Dirindel Piggums are David Wade and Michelle De Forrest. Wade is a free lance writer-photographer for the Syracuse Newspapers. Miss De Forrest, a sophomore at Auburn High School, is the daughter of Mr. and Mrs. Michael De Forrest of 88 N. Fulton St.

The show, which runs about one hour, traces the trials and tribulations of the Piggums as they leave Muddyville to seek fame and fortune on the silver screen in Hoggywood. There is much audience participation in the show including an appearance of the "Pigfield Follies."

In addition to the play, there will be a tea for adults, a special teenage party, and, of course, a visit by Santa. The party starts at 6 p.m. Each family is asked to bring a plate of hors d'oeuvres for the adult tea.

# **Station Calendar**

**FOR WEEK OF DECEMBER 17, 1978**



## **CALENDAR OF EVENTS**

December 21—3:00 p.m.—Room A133, Entomology-Plant Pathology Laboratory—Plant Pathology Seminar

### **PLANT PATHOLOGY SEMINAR**

Thursday, December 21, 1978 - 3:00 P.M.

Room A133

Entomology-Plant Pathology Laboratory

TOPIC. The origin and distribution of potato cyst-nematodes and their effects on the potato crop.  
Dr. K. Evans  
Rothamsted Experiment Station  
England

For many years cyst-nematodes were thought of as strains or races of a single species. Later it became clear that they consisted of a number of species which could be divided into two main groups, the round-cyst forms and the lemon-shaped cyst forms. It also became clear that the potato cyst-nematodes had their origin in South America and were taken to Europe on contaminated potato tubers. From Europe they have spread to many other parts of the world.

Potato cyst-nematodes are root parasites and when present in large numbers severely restrict growth of the root system of the crop. This results in poor water relations and nutrient deficiency in the crop, with consequent serious loss of yield.

### **SECURITY PROBLEMS CONTINUE**

Maintaining security on campus is still a problem. Many of you perhaps noticed in the paper that a battery was stolen from a truck and that several tires were also stolen within recent days. Not only is the matter of theft of concern to us all, but to replace items stolen costs dollars which depletes our research effort.

Because of a limited security force, it is absolutely necessary to receive the cooperation of all Station employees in helping to maintain security. If you should happen to see anything suspicious, please report it immediately to either the Business Office (201) or to Buildings and Properties (220). It is only through total cooperation that we can keep thefts under control. Thank you for your help on this important matter.

# **Station Calendar**

**FOR WEEKS OF DECEMBER 24 AND 31, 1978**



## **CALENDAR OF EVENTS**

December 25—January 1—Holidays  
January 3—3:00 p.m.—Director Barton's Office—  
Geneva Department Heads Meeting  
4--Noon--Hilton Inn, Rochester—Processing  
Vegetable Conference Planning Com-  
mittee  
4--3:00 p.m.—Room A133, Entomology-Plant  
Pathology Laboratory—Plant Pathology  
Seminar

## **PLANT PATHOLOGY SEMINAR**

Thursday, January 4, 1979 - 3:00 P.M.  
Room A133  
Entomology-Plant Pathology Laboratory

TOPIC: Vegetable virus research in Cyprus  
Dr. R. Provvidenti  
Department of Plant Pathology  
Geneva

The objectives of the vegetable virus research program conducted in Cyprus in cooperation with the Nicosia Agricultural Research Institute and the Plant Protection Service of the Department of Agriculture were to: 1) survey all vegetable crops, including potato, for viral diseases; 2) isolate and identify the causal agents; 3) determine the host range of each virus and its strains; 4) maintain pure cultures of viruses and relative strains for future investigations and comparative studies of new isolates; 5) clarify the epidemiology of each viral disease, such as primary sources of infection and mode of transmission; 6) develop strategies for the control of these diseases; 7) test cultivars of leading crops for their reaction to the most common viruses in order to determine their relative susceptibility, tolerance, or resistance; and 8) train counterpart personnel of the Agricultural Research Institute and of the Department of Agriculture.

The six months' research program was sponsored by the World Bank, in connection with the Paphos Irrigation Project, and the Department of Water Development of the Ministry of Agriculture and Natural Resources of the Democratic Republic of Cyprus.



## CHRISTMAS 1978

*For some reason, which I hardly remember, I started writing an annual Christmas message 16 years ago. As the years went by, I just seemed to continue writing such a message for the last issue of Station News each year.*

*It certainly isn't the finest prose you have read, nor does it contain very profound thoughts. However, it is something I have enjoyed doing all these years, and I hope brings a small amount of pleasure to at least a few members of the Station family.*

*Perhaps one of the reasons I continue to write these few words is that this particular time of the year—the holiday season—provides an excellent time for reflections. One can take a few moments to look back at the past months or years and see what has been accomplished and what have been the highlights, the happy moments, the sad moments. It is especially a time to think of your friends and your family, and to spend a few special hours with them. If you have children, as we do, who are still maturing toward adulthood, but not quite there, it adds an even greater significance to the holiday period.*

*During these 16 years, many exciting events have taken place. We have seen this country in a period of great affluence during the 60's; we were involved in a war that not many people understood, if there ever was anything to understand, or wanted; we have been through a period of militancy in this country not witnessed to such a degree in most of our lifetimes; we have all felt the impact of recession and the energy crunch; and, we all recognize the great strengths of this country that have enabled its people to weather both the good and the bad proving once again the reliability of our democratic society.*

*Much has happened at the Station during these years as well. The Entomology-Plant Pathology Laboratory was constructed, Sturtevant and Hedrick Halls were renovated, a new laboratory in the Hudson Valley was built, the Vineyard Laboratory in Fredonia has been vastly improved, a General Services Building was constructed as was the Soils Building and the Seed Processing Laboratory, and the Raw Products Building became a reality. With these physical improvements in facilities also came the latest in equipment to provide the faculty and staff the tools with which to do their jobs faster, more easily, and, in many instances, with greater accuracy. Although the acreage of the Station is still about the same as it was in 1962, the stature of the institution and its outstanding faculty and staff has grown throughout the agricultural scientific world.*

*This time of the year is not only a time to review what has been and what is, but also a time to look ahead at what might be or could be. The children will continue to grow, some soon off to college or starting their first full-time job. New friends will be made and old friendships renewed. New ideas will abound, allowing the faculty and staff to continue to solve the many complex problems in the agricultural world. Many of the problems will be discovered and answers obtained before they ever become a matter of concern in the field.*

*Yes, this time of the year is something special for us all. Each of us has his own thoughts, his own ideas, his own special feelings. Thank you for making the past 16 years such a joy for our family, and may each of you have the very best of holidays and the happiest and most prosperous of New Year's.*

R. E. Krauss

