

WEEK of OCTOBER 10, 1993

STATION NOTES

PRESIDENT RHODES VISITS GENEVA

Dr. Frank Rhodes, President of Cornell University, was taken on a whirlwind tour of the Geneva Experiment Station Friday morning. Also with him were: Dr. Mal Nesheim, Provost; Dr. Norm Scott, Vice President for Research; Hank Dullea, Vice President for University Relations; and Dr. Ronnie Coffman, Director of Research for the College of Agriculture and Life Sciences.



Photo #1.

Highlight of the visit was a meeting that the President and his colleagues had with more than 100 employees who ate a box lunch with him in the Auditorium of Jordan Hall. The President spent a few minutes addressing the employees, and then he and the rest of the visitors spent the remaining portion of the hour answering questions from the floor.

The tour part of the visit began with a welcome by Director James Hunter followed by a visit to the new pesticide facilities, sweet cherry seedlings, some vegetable research, a disease-resistant rootstock trail, grape breeding vineyard, grape training systems, grape rootstocks, and apple training systems. Accompanying the visitors on this portion of the tour were Drs. Hugh Price, Mike Dickson, Terence Robinson, and Bob Pool, all from Horticultural Sciences.

Then, Dr. James Tette, Director of New York's Integrated Pest Management pro-

gram, spoke to the group explaining to them how valuable IPM practices have



Photo #2.

become throughout the state. After this, Dr. Wendell Roelofs, Entomology, demonstrated the flight tunnel used in insect pheromone research, the technique that can be used in the vineyard to disrupt the mating process of the grape berry moth, and how it has been possible to recover the hormone and its gene for controlling pheromone production from moth brains. Dr. Jan Nyrop, Entomology, (Photo #1) followed this presentation by discussing mite control using predators and how this relates to a total integrated pest management program.

On the visit to plant pathology, Dr. Harvey Hoch discussed the cell biology of infection of bean leaves by the rust fungus. The scanning electron microscope was shown to the visitors. Then, Dr. Herb Aldwinckle, Plant Pathology, (Photo #2) took the group to the tissue culture laboratory and green-



Photo #3.

houses explaining some of the research using new technologies in developing disease-resistant apples, rootstocks, and vegetables.

Completing the review of the research programs at the Station was a visit to the Food Research Laboratory where Drs. Terry Acree, Richard Durst, and Karl Siebert (Photo #3) spoke about research on food quality, food safety, and food processing.



Photo #4.

The tour portion of the visit ended with brief stops in the Library (Photo #4) and Communications Services so the President and his associates could get an idea of some of the support programs available for research faculty and staff.

This was the second visit to Geneva by President Rhodes. His last time on campus was during his first year as President of Cornell University when he toured our facilities and met and spoke with employees in the pavilion behind Jordan Hall. During last Friday's visit, the President's commented about how well the physical plant of the Station is being cared for and what exciting research is being done at Geneva not only for the betterment of science but specifically for improving New York agriculture.

From a letter received by Dr. Hunter on Wednesday, October 6:

"All of us were greatly impressed by what we saw, and not least by the spirit of partnership and professional commitment that everyone showed."

Signed: Frank H. T. Rhodes

DR. PAUL CHAPMAN, ENTOMOLOGIST, DIES



We were saddened to learn of the death of Dr. Paul J. Chapman, 93, professor emeritus of entomology. "Chappie," as he was known to his friends and colleagues, died at home early Wednesday morning, October 6.

"He was one of the finest scientists of his time, a mentor to many of Cornell's entomologists at Geneva and Ithaca, and one of the most outstanding human beings you could ever know," said Wendell Roelofs, chair of entomology.

There will be no calling hours. A memorial service will be held at The Presbyterian Church in Geneva, Park Place, on Friday, **October 15** at 11 a.m. Contributions may be made to the Paul J. Chapman Graduate Student Fellowship. Checks should be made payable to Cornell University and sent to the Finance Office here at Geneva. Be

"As significant as his research, equally or perhaps even more important have been his contributions as a teacher of young faculty and a molder of the department of entomology into one of the leading departments in the world," said Wendell. He encouraged basic biological studies as essential to development of sound integrated pest management procedures. He established toxicology and biological control positions in the department and hired non-entomologists to help solve insect pest problems that plagued New York's fruit and vegetable industry.

During his career that spanned more than five decades, Dr. Chapman published in excess of 200 articles for both scientific and lay audiences. He received numerous awards and was active in the Entomological Society of America and its Eastern Branch.

In 1992, he was honored by his colleagues at Cornell University with the establishment of the Paul J. Chapman Graduate Student Fellowship. This permanently endowed a fellowship for graduate students in the department of entomology at Geneva. As James E. Hunter, Director, said at the ceremony establishing the fellowship, "This is the most fitting thing that could be done to honor Dr. Chapman. A student is looking to the future, and that so typifies Dr. Chapman. As long as I have known him, he has always talked about the future and the young people who will be the leaders of tomorrow."

In addition to his career at the Geneva Station, Dr. Chapman was actively involved in the Geneva community. He was a former member of the Board of Trustees of Geneva General Hospital, a member and past president of the Rotary Club of Geneva, a former director and past president of Geneva Concerts, Inc., *actively involved with various positions in the former North Presbyterian Church, and program chairman for more than 40 years of the Torch Club, now called the Finger Lakes Forum.*

Dr. Chapman is survived by a sister, Anita Parker of Minnesota. He was predeceased by his wife of 62 years, Susan.

sure to note on the bottom of the check that it is for the Chapman Fellowship.

Dr. Chapman came to the Geneva Station in 1930 distinguishing himself as one of the most progressive scientists in his field at the time. Additionally, he served as chairman of the department of entomology at Geneva from 1948 until 1967, a year prior to his official retirement in 1968. However, until practically the day he died, Dr. Chapman remained an active member of the entomology family at the Station working in his office still advising his colleagues on various scientific matters and writing a history of the Experiment Station.

Dr. Chapman was born in Cazadero, California on September 9, 1900. He earned his bachelor of science degree in 1922 at Oregon State University. He then came to New York and was employed as a special field assistant for Genesee and Wyoming counties in the departments of entomology and plant pathology at Cornell University during that summer. In the fall, he enrolled in graduate school at Cornell University in the field of entomology, and earned his doctorate degree in 1928.

After receiving his doctorate, Dr. Chapman went to the Virginia Truck Crop Experiment Station as an entomologist until June 1930 when he came to the Geneva Station at the age of 29. He was hired as the equivalent of a full professor, probably one of the youngest full professors ever to be hired by Cornell University.

Dr. Chapman's research distinguished him as a specialist in providing basic knowledge about insect pests of fruit crops and their interaction with their hosts. He developed innovative control measures for these pests. For example, he determined that storing apples at 32 degrees F kills the apple maggot, a major pest. This enabled apples to be shipped to Europe, opening new markets for the apple industry throughout the United States. His research on horticulture spray oils, done in cooperation with Station chemists, was started in the late 1930s. It gained world-wide recognition and resulted in the highly refined, safe spray oils so widely used throughout the world ever since.

When he became chairman of the department of entomology in 1948, he still continued his research. He studied the identification of apple feeders that could become serious threats to the industry. This research was sponsored by the National Science Foundation. Following his retirement in 1968, he initiated studies on flight periods of over 600 species of moth. At the age of 91, he published the results of these findings in a special publication issued by the Geneva Station.

GEORGE SCHAEFERS, ENTOMOLOGIST, RETIRES

Dr. George Schaefers, professor of entomology, retired on September 15, 1993 following 35 years of service. He served as chairman of the department of entomology for eight years from 1983-1991.

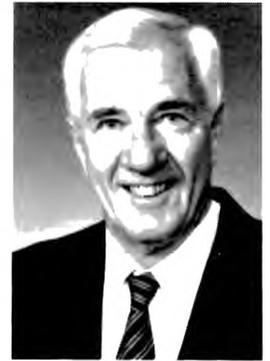
He began his research career at the Station in 1958 as an assistant professor. He specialized in insect transmission of virus diseases, and he developed a research program on the relationship of aphid feeding and virus transmission in small fruit crops. He was promoted to associate professor of entomology in 1962 and to full professor in 1973. He continued his research, emphasizing a continuous updating and improving of insect pest and pesticide management in small fruit crops. He also served as advisor to several graduate students who were involved with his research program.

George has been very active on the international scene and is considered a leading authority on pesticide management in developing countries. In 1967, he spent six months in Puerto Rico surveying insect

pests of papaya and resolving aphid transmission of two papaya mosaic virus diseases. In 1974-1975, he worked for a year at the International Institute of Tropical Agriculture in Nigeria on virus/vector relationships in sweet potato and cassava grasshoppers. In 1991-1992, he served as a Rockefeller Environmental Agriculture Fellow in Kenya where he conducted research on, "Understanding Traditional Crop Protection Practices Among Small Farmers in Sub-Saharan East Africa." He is summarizing this work in a book that he is writing.

Additionally, George has made more than 20 trips to different countries in Africa to evaluate the potential for integrated pest management programs, to coordinate a grasshopper/locust project, to participate in pesticide management workshops, and to advise various individuals on pesticide use in different international projects in these African countries. Much of this work was done as a specialist and consultant for

the Consortium for International Crop Protection (CICP), the U. S. Agency for International Development (AID), and the Food and Agriculture Organization (FAO).



George intends to remain active as a consultant in the international scene during his retirement. He has also been named an Associate Executive Director of CICP which has an office on the campus of the Geneva Station.

A reception honoring George and his wife, Kathy, will be held at the Belhurst Castle Garden Room from 5-7 p.m. on Sunday, October 24. If you would like to attend this occasion, please contact Donnas Roelofs in Entomology, x325.

JIM MCFERSON NAMED LEADER OF PLANT GENETIC RESOURCES UNIT

Dr. James R. McFerson has been appointed Research Leader of the Plant Genetic Resources Unit (PGRU). The PGRU is part of the U. S. Department of Agriculture's Agricultural Research Service.

Jim was hired as Geneticist/Curator of the PGRU in 1988 and served as Acting Research Leader from July 1991-July 1992. He served in this capacity again from July 1993 until his new appointment in September 1993.

Jim received his master's degree in horticulture in 1976 at Texas A&M University and his doctorate degree in plant breeding

and plant genetics in 1983 from the University of Wisconsin, Madison. Before coming to Geneva he was a plant breeder at Arco Seed Company from 1983-1985 and a senior plant breeder at Petoseed Company from 1985-1988. His areas of specialization include conservation and utilization of plant genetic resources, vegetable breeding and genetics, and crop evolution and systematics.

The Plant Genetic Resources Unit is part of the National Plant Germplasm System. It is responsible for maintaining, characterizing, and distributing a range of economically

important plants, including apple, grape, tomato, onion, garlic, broccoli, cauliflower, cabbage, clover, and trefoil, among others. The unit cooperates extensively with research programs nationally and internationally. *Congratulations, Jim.*



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STATION BOWHUNTING

Station employees wanting to bowhunt on Station property should see Mark L. Scott, Field Research Unit x296, and bring a copy of their hunting license.

CALENDAR of EVENTS

- Monday, October 11, 12:10 pm**
Sawdust Cafe
Aerobics/Fitness class for all employees
- Tuesday, October 12, 8:00-3:00 pm**
Staff Room, Jordan Hall
Individual Meetings with Mary Slaght
- Tuesday, October 12, 10:30 am**
348 Morrison Hall, Ithaca
CALS Department and Section Chairs' meeting
- Wednesday, October 13, 12:10 pm**
Sawdust Cafe
Aerobics/Fitness class for all employees
- Wednesday, October 13, 1:00 pm**
Staff Room, Jordan Hall
Employee Approach to the Performance Dialogue
- Wednesday, October 13, 6:30 pm**
Staff Room, Jordan Hall
English as a Second Language
- Thursday, October 14, 11:00 am**
Auditorium
Ithaca and Geneva Administrative Managers' meeting
- Friday, October 15, 12:10 pm**
Sawdust Cafe
Aerobics/Fitness class for all employees
- Friday, October 15, 6:30 pm**
Staff Room, Jordan Hall
English as a Second Language

SEMINARS

FOOD SCIENCE & TECHNOLOGY

- Date:** Wednesday, October 13
Time: 10:30 am
Place: Food Science Conference Room
Speaker: Dr. Malcolm Bourne
Department of Food Science and Technology, Geneva
Topic: Lubricated Versus Non-Lubricated Compression of Foods in Machines and in the Mouth

PLANT PATHOLOGY

- Date:** Thursday, October 14
Time: 3:00 pm (Coffee at 2:45 pm)
Place: Room A133, Barton Lab
Speaker: Michael Milgroom
Department of Plant Pathology, Ithaca
Topic: Population Biology of the Chestnut Blight Pathogen

STATION BOOK SALE/ CRAFT FAIR

Don't forget about the upcoming annual Station Book Sale/Craft Fair scheduled for Saturday, November 13. This is a great time to get some of that not-so-far-away holiday shopping done. The Library is still taking donations of paperback and hard cover books, puzzles, and records for the Book Sale. Bring those unwanted items to the Library office in Jordan Hall and receive a coupon for one free book at the sale for every three items donated.

ANNUAL STATION CLUB BANQUET

Club 86, Geneva
Friday, November 5, 1993

6 PM - Social Hour (cash bar)
7 PM - Dinner
8:30 - 11:30 PM Dancing

PLEASE PURCHASE YOUR TICKETS BY
FRIDAY, OCTOBER 29
FROM YOUR
STATION CLUB REPRESENTATIVE

Administration
Bldg. & Prop.
Entomology
Field Research Unit
Horticultural Sciences
Hedrick Hall
Sturtevant Hall
IPM
Plant Genetic Resources Unit
Plant Pathology

Charie Hibbard
Veronica Bailey
Donna Roelofs
Alan Soper

Lorraine Barry
Pat Nielsen
Janet Garlick
Sue Dwyer
Cherie Reid

