



STATION NEWS

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New York State Agricultural Experiment Station
Geneva

CALENDAR OF EVENTS

June 20-22 - Conference Room, Food Research Laboratory - Chromatography
Workshop

June 22 - 4:00 p.m. - Jordan Hall - Retirement tea for Drs. Hamilton, Avens, and
Lee

RETIREMENT TEA FOR THREE FACULTY MEMBERS

Three members of the Geneva faculty retire July 1. The retirees are: Dr. James Hamilton, former head, Department of Plant Pathology; Dr. Alfred W. Avens and Dr. Frank A. Lee, members of the Department of Food Science and Technology.

There will be a tea in Jordan Hall on June 22 at 4 p.m. to honor these scientists. All members of the Station staff, active and retired, are invited to attend.

Dr. Hamilton, long recognized by growers in New York State and by research

colleagues throughout the country as one of the Station's most colorful figures and leading scientists, is completing a career with the Station that began in 1930. For several years, he was located in the Hudson Valley directing research on orchard fruit diseases and their control. During his 37-year career, he has published nearly 180 scientific papers dealing with various aspects of plant disease control. His research has covered a wide gamut of diseases including apple scab, cedar-apple rust, cherry leaf spot, brown rot, and fire blight.

Dr. Hamilton discovered ferbam as a fruit fungicide which opened the organic chemistry era in plant disease control fungicides. Another major contribution of his to the New York fruit industry was the introduction of dodine (Cyprex), a fungicide used by growers today as a standard control measure for apple scab and cherry leaf spot. Earlier in his career he concentrated many of his efforts on the physical and biological properties of sulfur fungicides.

His scientific colleagues consider some of Dr. Hamilton's best research to be in the development of techniques for providing adequate disease control programs. He has, for example, devoted years to the study of redistribution of fungicides as well as to the retention, eradication, and systemic action of fungicides.

Dr. Hamilton attained the rank of full professor in 1942 and was appointed head of Geneva's Department of Plant Pathology in 1951.

He is a member of the American Association for the Advancement of Science, Pathological Society of America, Phi Sigma, Sigma Xi, and Gamma Alpha.

Dr. Frank A. Lee, a member of the Geneva staff since 1936, has spent most of his 31 years working in the fields of food preservation, biochemistry of fruits and vegetables, and lipid oxidation. He has more than 100 scientific publications to his credit, and is well known both in this country and abroad for his early research on freezing of fruits and vegetables. In recent years, Dr. Lee has turned his attention to studying the reasons for development of off-flavors in some vegetables. Much of this research has been directed toward peas, lima beans, sweet corn, and asparagus.

Dr. Lee received his B.S. degree from the University of Washington in 1923, and his M.S. and Ph.D. degrees in 1926 and 1928 respectively at the same university. He has traveled extensively as a member of the Station's Department of Food Science and Technology, and has spent sabbatic leaves at Rutgers University in New Jersey and in 1961 spent a year in a German Food Technology Laboratory conducting investigations on changes that take place in food products during canning and storage.

He is a member of the American Chemical Society, Sigma Xi, and a founding member of the Western Section of the Institute of Food Technologists and served as its first secretary.

The third retiring faculty member is Dr. Alfred W. Avens, also a member of the Station's Department of Food Science and Technology. He first joined the Cornell staff in 1926 as an assistant in chemistry on the Ithaca campus. He came to Geneva in 1935. About 1948, Dr. Avens assumed full responsibility for planning and directing the work of the analytical section of the Department of Food Science and Technology. This work comprised control analyses in feeds and fertilizers and insecticides as well as the chemical determination of vitamins and a large variety of other analytical work. Thousands of samples are analyzed annually today in this part of the department's activities, and Dr. Avens has spent much of his research time developing techniques for measuring pesticides in and on foods. He has worked on procedures for measuring traces of such pesticides as petroleum oils and other hydrocarbon compositions, lead arsenate, dinitro compounds, chlorinated hydrocarbons, organophosphates, carbamates, and others. He has received three patent awards resulting from research on calcium arsenate. He is author or co-author of 49 publications.

Dr. Avens is a member of the American Chemical Society, Entomological

Society of America, American Association for Advancement of Science, Association of Official Analytical Chemists, and several others. He was the recipient of the Eastern Branch Association of Economic Entomology Award in 1940 and 1942.

These three scientists have spent a total of 109 years working for Cornell University, its Geneva Station, and for the betterment of New York agriculture. We congratulate each on his excellent contributions to the Geneva Station and wish each many productive and enjoyable years of retirement.

AL BRAUN RETURNS FOR BRIEF STAY

Al Braun, Plant Pathology, has returned for 2 weeks from Thailand where he and his family have been spending a sabbatic leave. Al's daughter returned with him and Mrs. Braun will be arriving in August to take up her teaching activities in Geneva High School. Al has decided to spend another 6 months in Thailand.

APPOINTMENTS AND RESIGNATIONS

Dr. Heinrich Arn has accepted an appointment in the Department of Entomology as research associate. Dr. Arn comes to Geneva from Bern, Switzerland and will be assisting Wendell Roelofs in his research on insect pheromones (attractants). He received his Ph.D. degree from the University of Bern and has conducted research in the isolation and identification of natural plant products. His wife and daughter have come to this country with him.

Andre Comeau, a graduate from the University of Sherbrooke, Quebec, Canada, will be a graduate assistant working with Wendell Roelofs. He will spend the summer here and then move to Ithaca in September. Mr. Comeau received a scholarship from the Province of Quebec, and this is the first time that he has had to speak English. He is residing at Mrs. Glasgow's while in Geneva.

Marsha Dornburg has resigned her position in Food Science and Technology. She will be married July 8 and will move to Endicott, New York. She has been assisting Don Splittstoesser for the past 2 years.

Lew Hicks is transferring to the Ithaca campus where he plans to work for the Department of Entomology and Limnology. While on the Ithaca campus, Lew will complete courses fulfilling requirements for his B. S. degree.

Ghassem Tehrani, a graduate assistant in Vegetable Crops for several years, obtained his Ph.D. degree from Cornell this week and has left to take a position as plant breeder at the Ontario Horticultural Experiment Station, Vineland, Canada.

Summer Help:

Entomology Department - Peter Austin, Bob Flood, Carol Fox, Diane Kunes, Stevens Moyer, Leland Sackett, Bonnie Steinkraus, and John Stelter.

Food Science and Technology Department - Thomas Copeland, Lisa Hartnagel, Jacqueline Johnson, Anne Marie Lucey, Thomas McIntosh, Donna Meyer, William Platzer, Barbara Segen, and Greg Sprissler. Also, Richard Porensky and Channing Kury, Cornell students and summer employees of the Department of Conservation at Ithaca, will be working with Dr. Mack for part of the summer.

Plant Pathology Department - Richard Paul Barton and Christopher Clark, Cornell students, are working with John Natti this summer. They are enrolled in the College of Agriculture, and are here getting farm practice. Other summer employees are Debbie McCaigh and Donald J. Skinner.

Plant Introduction Department - Patricia Walker and William Hartnagel are back for their second summer, and Brian Bonkowski also joined the P. I. crew.

Vegetable Crops Department - Kathy Goodman, Mike Walker, Brian Whitaker,

and David I. Dubbs.

VISITORS

Dr. Johan Hoff, Associate Professor of Horticulture, Purdue University, and two graduate students from Purdue, Mr. and Mrs. Bartolome, visited Food Science June 13. Mr. and Mrs. Bartolome are from the Philippines and were quite interested in the Station's soybean research.

MEETINGS

Len Mattick is heading up a Chromatography Workshop for the Field of Food Science at Geneva and Ithaca June 20-22. The workshop will be held in our Food Research Laboratory.

Extension agents in Western New York concerned with fruit pests and diseases held their annual summer meeting June 14 on our campus. Several extension specialists from the Ithaca campus and several members of the Geneva Entomology and Plant Pathology staffs attended.

Ben Clark, Claude Heit, Willard Crosier, Earle Waters, and Bette Nelson will all present papers next week at the annual meeting of the Association of Official Seed Analysts at Madison, Wisconsin.

ILLNESS

Bill Blodgett, Plant Pathology, is currently a patient at the Rochester State Hospital. We are sure that he would appreciate receiving a note or a letter from his many friends on the campus. His address is 1600 S. Avenue, Ward 2M.

DEATH

The sympathies of the entire Station staff are extended to Floyd DeJohn, Vegetable Crops, whose father died June 5.

SPECIAL NOTICE

Mark your calendars now, please. Put a big circle around Wednesday, July 19, from 5:30 to 8 p.m. That is the date for the annual Station Club picnic.

FOR SALE

Two English bikes, one girl's and one boy's. These bikes do need some repairs. Call Helen Melious at 789-7555 or LY 6-6280 after 5 p.m.

WEATHER

	<u>Maximum</u>	<u>Minimum</u>	<u>Rain</u>
June 3	82	46	
4	84	52	
5	85	55	
6	86	55	
7	85	59	
8	84	62	.05
9	76	62	.16
10	89	65	
11	85	60	
12	86	63	tr.
13	89	60	
14	87	66	
15	83	64	tr.
16	91	67	

NEW BOOKS IN THE STATION LIBRARY

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- Brissey. Your future in food technology. N.Y., Rosen Press, 1967.
- U.S.D.A. Agricultural statistics, 1966.
- Shurtleff. How to control plant diseases in the home. Iowa University Press, 1966.
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- Frazier. Food microbiology, 2d ed. McGraw-Hill, 1967.
- Faegri. The principles of pollination ecology. Pergamon Press, 1966.
- Stearn. Botanical Latin. Hafner, 1966.
- Barton. Bibliography of seeds. Columbia Univ. Press, 1967.
- Ritcher. White grubs and their allies. Oregon State Univ. Press, 1966.
- Meryman. Cryobiology. Academic Press, 1966.
- Davis. Systematic embryology of angiosperms. Wiley, 1966.
- Advances in food research, v. 15, 1966. Academic Press.
- Copson. Microwave heating. Avi Press, 1962.
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- Woodroof. Peanuts, production, processing products. Avi Press, 1966.
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- Kramer & Twigg. Fundamentals of quality control for the food industry. Avi Press, 1966.
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- Friess, Lewis & Weissberger. Investigations of rates and mechanisms of reactions, 2d ed., rev. 1963. Interscience.
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