

STATION NEWS

A House Organ for Station Employees
Not for Publication Without Consent

Vol. 85, No. 9
July 9, 1971

.....

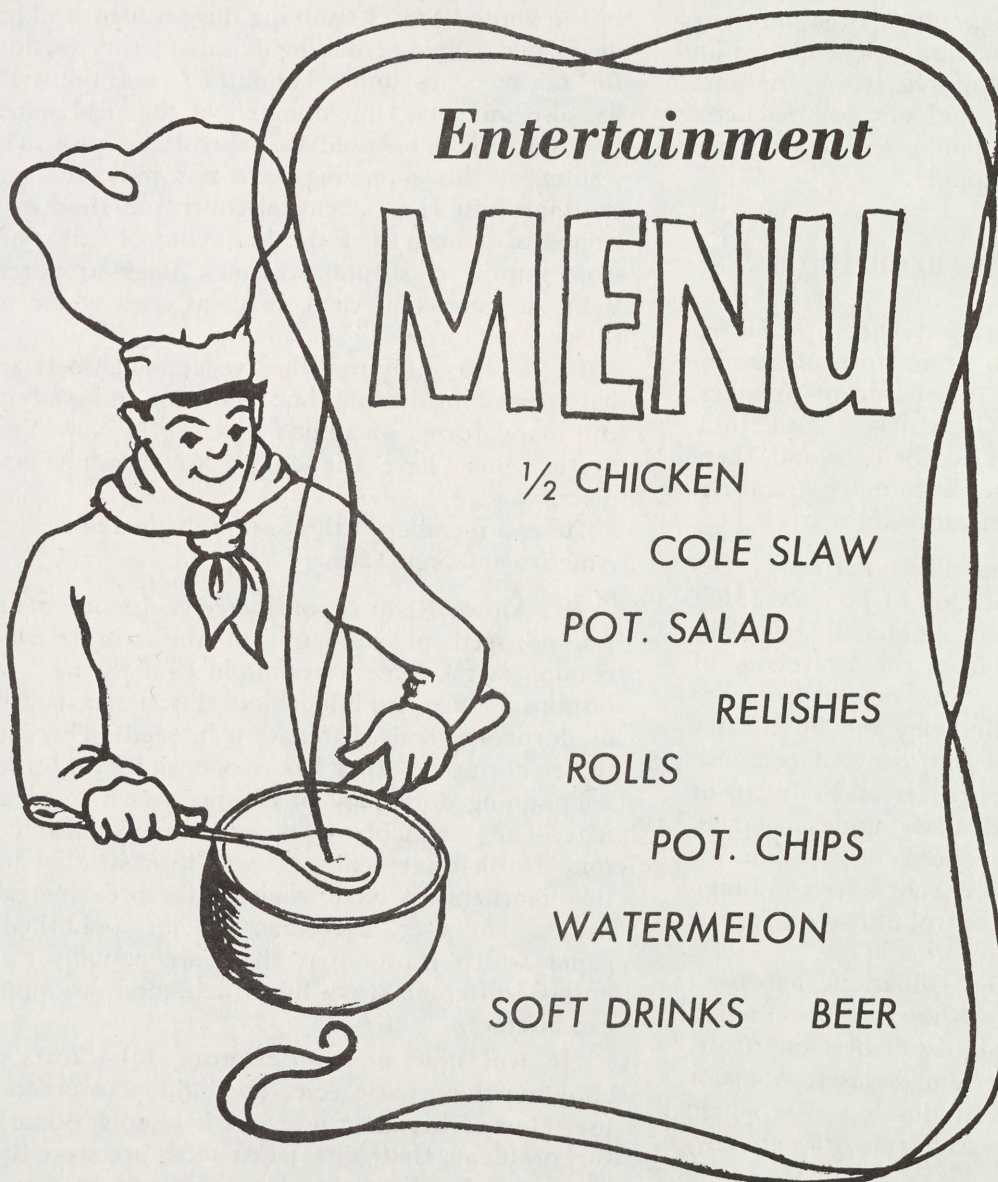
New York State Agricultural Experiment Station, Geneva

.....

Station Club **CHICKEN BAR-B-Q**

WEDNESDAY, JULY 28 AT 5:30 P.M.

SENECA LAKE STATE PARK



station club members – \$1.50

non-members – \$2.25

children of
station club members – \$.90

children of non-members – \$1.25

member family plan – \$6.00

non-member family plan – \$8.50

tickets available from departmental secretaries

Special Raffle

1st. prize \$50.00 AND MANY OTHER SURPRISES

CALENDAR OF EVENTS

July 14—10:00 a.m.—Tour, Canandaigua Jr. Academy

NAME CHANGE FOR COLLEGE

Governor Rockefeller has just signed a bill officially changing the name of the College of Agriculture to the New York State College of Agriculture and Life Sciences effective July 1. It is felt by the administrative staff of the College that this new name reflects more accurately the teaching, research, and extension programs under way at the College.

In announcing the name change, Dean Palm said, "Recently, concern has been widespread about the interactions of agriculture, biological mechanisms, and the environment. The College's unique strengths in both agriculture and the life sciences have spurred the environmental dialogue and stimulated a cooperative approach between the disciplines.

"Our dynamic modern agriculture is basic to our survival as a nation. Its increasing dependence on science and technology requires strong support from the social, biological, and physical sciences. The teaching, research, and public service programs of the College reflect this support."

FOUR SCIENTISTS PROMOTED

Four scientists at Geneva have been promoted from assistant professor to associate professor effective July 1 by action of the Board of Trustees.

The four are: Dr. John Gilpatrick, Plant Pathology; Dr. John B. Bourke, Food Science and Technology; Dr. F. David Judge, Entomology; and Dr. Anwar A. Khan, Seed Investigations.

Dr. Gilpatrick joined the Plant Pathology Department at the Geneva Station in January 1968. He received his B.S. degree from McGill University in 1946, his M.S. degree from the University of Alberta in 1948, and his Ph.D. degree from the University of California, Berkeley in 1961. Since coming to the Station, he has assumed responsibility for research on the causes and control of diseases of tree fruits, particularly apples, cherries, plums, and pears. He has been responsible for determining appropriate spray schedules and fungicide recommendations to control diseases affecting these fruits in western New York.

In addition to this, Dr. Gilpatrick has been studying, in cooperation with the Station's Pomology Department, the possibility of breeding fruits resistant or immune to certain diseases. A major aim of this program is to develop new apple varieties immune to apple scab, powdery mildew, and apple rust diseases.

Dr. Bourke's research program at the Station has centered in the field of pesticide chemistry and metabolism in plants and animals. In this most important field, he has been responsible for using the latest instrumentation methods of measurements such as radioactive tracer techniques. He has also had the administrative responsibility for the feed, fertilizer, and lime materials and pesticide control work that the Department of Food Science and Technology performs for the New York State Department of Agriculture and Markets. Recently, the Station installed a large computer for use in advance research studies, and Dr. Bourke has been

the prime individual responsible for its installation and initial use.

He received his B.A. degree in biochemistry from Colgate University in 1957 and his M.S. and Ph.D. degrees from Oregon State University in 1960 and 1963 respectively. He first came to the Geneva Station in 1963 as a research specialist and was promoted 2 years later to assistant professor of chemistry.

He is a member of the American Chemical Society, the American Association for the Advancement of Science, the New York Academy of Science, the Entomological Society of America, Sigma Xi, and Phi Sigma.

Dr. F. David Judge received his training in economic zoology and entomology at the University of Glasgow. He was conferred his Ph.D. degree in 1966. He joined the Entomology Department at Geneva as an assistant professor in 1967. Since then, he has spent much of his time studying the biology and control of slugs, a devastating economic pest found particularly in garden fruit and vegetable crops. He is one of two or three persons in the United States studying this problem and has developed a unique and highly satisfactory method for raising slugs under laboratory conditions. He has also screened large numbers of chemical materials that might be used to control this pest. The results of this screening have not indicated any great promise for a chemical control method so it begins to appear as if the best control will result from improved cultural practices. Slugs are potentially dangerous in such crops as corn where no tillage is performed.

He is also studying other vegetable insects and has spent considerable time analyzing and studying the many forms of aphids that are in New York State which have the ability to transmit virus diseases.

He is a member of the Entomological Society of America and Sigma Xi.

Dr. Anwar Khan is considered to be one of the leading seed physiologists in the world. Since coming to the Geneva Station in 1965, he has been responsible for studying biochemical mechanisms of dormancy and germination in seeds. There are three hormones that are responsible for either maintaining dormancy or causing a seed to germinate. They are gibberellin, cytokinins, and inhibitors. Until just recently, it was thought that just two mechanisms were available for breaking dormancy. However, Dr. Khan has just published a paper which shows that there are actually eight known different ways by which these hormones can interact.

He will now be concentrating his efforts on applying these basic research findings to practical use. One of his main interests is to solve some of the problems that arise when seeds are stored for long periods of time and are exposed to various diseases and early germination. The ultimate goal of his research is to allow man to control dormancy and germination of seeds at his will.

Dr. Khan received his professional training at the University of Karachi in Pakistan where he was conferred his B.S. and M.S. degrees in 1956 and 1957 respectively and the University of Chicago where he was conferred his Ph.D. degree in 1963. He is a member of the Institute of Biological Scientists, the American Society of Plant Physiologists, the American Association for the Advancement of Science, and the Scandinavian Society of Plant Physiologists.

CHEMIST RETIRES AT STATION

Dr. Guilford Leroy Mack, Food Science and Technology, retired June 30 following 40 years of service.

Dr. Mack was an associate professor of chemistry at the time of his retirement. Effective July 1, the Board of Trustees of Cornell University awarded him the title of professor of chemistry, emeritus.

During his career at the Geneva Station, Dr. Mack became an authority in the field of analytical methods for agricultural pesticides, particularly soil insecticides, and the application of these methods. He also extended his research to analyzing food products for various components including vitamins. He also was in charge of supervising the laboratory analysis of official samples of economic poisons, particularly insecticides and fungicides, for New York State.

He has authored or co-authored more than 45 publications covering the results of his research. He also was granted a sabbatical leave in 1949-1950 to serve as agricultural chemist in the Brazilian Ministry of Agriculture and spent another sabbatical leave in 1966-1967 as an FAO pesticide consultant to Yugoslavia and India.

Dr. Mack was born in Bellefountain, Oregon. He received his B.S. degree in chemistry from Oregon State College in 1927, his M.A. degree from Rice Institute in 1929, and his Ph.D. degree from the University of Michigan in 1931. He joined the staff of the Geneva Station in 1931 as an associate in research in chemistry, was promoted to assistant professor of chemistry in 1938, and to associate professor of chemistry in 1952.

He is a member of the American Chemical Society, the Phytopathology Society, and is a member of two honorary scientific fraternities, Phi Lambda Upsilon and Sigma Xi.

Dr. Mack and his wife, Dorothy, have two children. Their daughter, Mrs. Robert Lambert, has her Ph.D. degree in English literature and is employed in Chicago. Guilford Leroy, Jr. graduated from Cornell University with a degree in engineering and is currently working at Goulds Pumps, Inc.

PAYROLL ON BIWEEKLY BASIS

In order to comply with federal and state regulations, which are based on work-week units, Cornell must pay its employees every other week. The semimonthly payroll system is no longer feasible.

The last semimonthly payroll checks will be issued September 15 for line item payroll and September 23 for voucher payroll.

Under the biweekly system, the first payday for exempt employees will be September 30; for non-exempt employees it will be October 7.

Thereafter, all employees will receive their checks on alternate Thursdays for 26 pay periods a year.

A letter will shortly be mailed to each employee giving the new schedule for check distribution.

It should be noted that non-exempt employees will need to plan their personal finances carefully due to the week lag during the conversion period. This week lag is unavoidable because that amount of time is required to collect and report hours worked and to process the non-exempt payroll.

SERVICE PINS AWARDED

Thirty-five Experiment Station employees re-

ceived service pin awards this year for from 5 to 35 years of employment at the Station. At the Sixteenth Annual Service Recognition Dinner held in the Ballroom of the Statler Club June 15, pins were given to those persons having 25 or more years of service. Those receiving service emblems this year were: Bette Nelson, Seed Investigations, 35 years; John Schadt, Entomology (Highland), 30 years; Gertrude Catlin, Entomology, 25 years; Charles Ruggles, Plant Pathology, 25 years; Steve Valerio, Pomology, 25 years.

At another ceremony held in the Food Research conference room July 1, service pins were awarded to the following employees who had 5 to 20 years of service. They are: Everett Henecke, Heating Plant, 20 years; Joseph Pettrone, Buildings and Properties, 20 years; Mary Lou Dumbleton, Administration, 15 years; Harold Bremer, Vegetable Crops, 15 years; Frances Consolie, Entomology, 15 years; Darwin Dunham, Entomology, 15 years; Gerald Gibbs, Vegetable Crops, 15 years; Clarence Kunz, Administration, 15 years; Harold Ralston, Pomology, 15 years.

Paris Trail, Publications, 15 years; Earle Waters, Seed Investigations, 15 years; Harriet Hubbard, Pomology (Fredonia), 10 years; Brigitta Stoyla, Food Science and Technology, 10 years; Ruth Sullivan, Entomology, 10 years; Edward Broderick, Food Science and Technology, 10 years; Robert Ennis, Food Science and Technology, 10 years; George MacDonald, Vegetable Crops, 10 years; Kenneth Miller, Entomology, 10 years; John Minns, Entomology, 10 years; J. Ronald Nevill, Plant Pathology, 10 years; DeWayne Norsen, Custodial, 10 years; Charles Smith, Plant Pathology, 10 years; LaVerne Weirs, Food Science and Technology, 10 years; Allison Straight, Pomology (Fredonia), 10 years; Sebastian DeMaria, Entomology, 5 years; Katherine O'Riely, Food Science and Technology, 5 years; Linda Jensen, Plant Pathology, 5 years; David Hummer, Plant Pathology, 5 years; Dallas Thurley, Custodial and Safety and Security, 5 years; Howard Rozell, Heating Plant, 5 years.

MRS. TEICHNER RETIRES

Mrs. Marie Teichner, stenographer in Plant Pathology since 1956, retired on June 30. Marie was a very dedicated individual who had the respect of everyone in her department and who was well known by other employees at the Station. Certainly, her dedicated work made it much easier for the Plant Pathology Department heads to perform their tasks.

The department honored her at a party on May 26 at the Town Pump, at which time, she was presented with a gift of appreciation and a departmental photograph.

We wish Marie a most enjoyable and healthy retirement.

MEETINGS

Claude Heit, Seed Investigations, was in Washington, D. C. June 14-17 participating in the 16th International Seed Testing Association Congress. He acted as chairman of the Flower Seed Session and presented a paper on "Thirty Years' Testing of Flower Seeds for Germination." In addition, Claude is a member of the ISTA Tree Seed Committee on research and rules revision. Roy Nittler and Tom Kenny also attended the meetings, and Roy presented a paper at the Symposium.

John Einset, Pomology, and Ed Glass, Entomology, joined the Extension Service sponsored tour of 10 fruit, vegetable, poultry, dairy, and livestock farms in western New York June 15 and 16.

Director Clark, Willard Crosier, and Claude Heit, Seed Investigations, participated in the Association of Official Seed Analysts meeting in Raleigh, North Carolina on June 6-10. Claude presented two papers on flower and tree seed germination.

Terry Acree, Len Mattick, and Jim Moyer, Food Science, attended the annual meeting of the American Society of Enologists in Palo Alto, California June 23-25. Each presented a paper.

Willard Robinson, Food Science, presented a seminar at the Syracuse University Symposium on "Hunger-1971" on June 23. His assignment was the world protein supply.

VISITORS

We were honored on June 21 to have Provost Robert Plane, Vice Provost Keith Kennedy, Director Edward H. Smith, and Harold Sweet on our campus visiting Gerry Marx and Bob Becker. The group was particularly interested in reviewing Bob's Cooperative Extension program and to see how the effectiveness of his program has increased since being housed on the Geneva campus.

Dr. Ronald Goodwin, a former fellow student of George Schaefer at Berkeley and a former colleague and friend of Roger Bartell of C.S.I.R.O., Australia (at present a visiting professor in Entomology), visited our Entomology Department June 11. Dr. Goodwin is an insect pathologist and is currently working with Dr. Heimpel at Beltsville, Maryland. He presented a seminar on his insect pathology studies with milky disease of grubs.

Dr. S. A. Pienacek, President of the International Society for Horticultural Science, recently visited Pomology. As Director of the Research Institute for Pomology at Skierniewicz, Poland, Dr. Pienacek has been instrumental in sending a number of his younger colleagues to this country for graduate training.

Professor Timothy O'Mullane, Dean of the Faculty of Food Science and Technology, University College, Cork, Ireland, spent June 27 visiting our Food Science and Technology Department. He discussed programs and facilities with Don Downing, Jim Moyer, Don Splittstoesser, John Stamer, and Willard Robinson.

A 15-man delegation from Japan visited Food Science on June 8. Called the "Japan Fruit Juice and Marketing Team," the group consisted of members from grower, government, and research segments of the Japanese fruit industry. Jim Moyer, Bob LaBelle, and Willard Robinson spoke to them briefly.

Dr. Abdul R. Rahman was another recent visitor to Food Science. He discussed progress on the Natick contract to study dehydration procedures for cherries and peppers with Bob LaBelle and Terry Acree.

Dr. Peter May, Principal Research Scientist of the CSIRO Division of Horticultural Research, was a visitor in our Pomology Department June 15-July 1. He is working with Nelson Shaulis on a grape research project they started in Australia in 1967-1968. Dr. May has specialized in fruit bud development and now is in charge of the Australian research in mechanization of harvest of grapes.

RESIGNATION

George Saravacos resigned his position as assistant professor of food science from our Department of Food Science and Technology on June 30. George and his wife have returned to Greece. He has accepted a position as professor at the University of Athens and will become chairman of the Chemical Engineering Department.

BIRTHS

Congratulations to Dan and Linda Sovereign who have a new son born June 8 and weighing 4 lbs., 8 oz. Dan works in Buildings and Properties.

We also extend congratulations to Carol and Barry Harnacker on the birth of Timothy on June 8. Carol used to work for Ross Hackler in our Food Science and Technology Department.

WEDDINGS

Our best wishes to Alice Hottle, Food Science, and John Rosza who were married June 29 and to Nazha Bishara and Andre Comeau who were married June 26. Andre was a graduate student in Entomology and was recently awarded his Ph.D. degree from Cornell. He is now working in the Department of Agriculture, Ste-Foy, Quebec, Canada. The women in Entomology gave a shower for Nazha on June 21.

DEATHS

Sympathies of the entire Station family are extended to the Desmond Dolan family on the death of Mrs. Dolan's mother, Mrs. Agnes B. Kelly, in Dansville on June 11.

We were deeply saddened to learn of the sudden death of Niels (Willie) Pedersen on July 7 in Geneva General Hospital. Willie retired last year after being employed by the Station for 28 years. Many of the improvements in the Station's physical plant were a direct result of Willie's adroitness as a carpenter.

The funeral is to be held Saturday at 11 a.m. with the arrangements being handled by the Bennett Funeral Home.

We extend our sympathies to his wife, Dora, and to his two daughters, Mrs. Joseph (Joan) Gillotte of Phelps and Mrs. Richard (Mary Ann) Rogers of Orlando, Florida, and to the eight surviving grandchildren.

NOTES OF INTEREST

Freeman McEwen, former head of our Entomology Department, has been appointed head of the newly created Department of Environmental Biology at Guelph University. This department was created as a result of a college-wide College of Agriculture study committee chaired by Freeman.

Leslie Gilpatrick, Harold Schwarz, and Bill Devcreaux have returned to work for the summer in Plant Introduction.

The Food Science softball team outlasted Entomology in a 21 to 20 squeaker on June 23.

CLASSIFIEDS

Free: Gallon glass jugs—continuing supply. Charlotte Pratt, 473 William Street, 789-7771.

For Sale by Owner: 3-bedroom brick ranch house located in Gorham area. Priced in mid-\$20's.

Mrs. R. K. Crosby, 596-6708.

Wanted: Pedal-type organ. Joe Pettrone, 787-2297.

Wanted: Would someone having a medium or large station wagon consider lending it or temporarily exchanging it for one or more sedans in mid-August? The Bob LaBelles have in mind a 10-day excursion to the Bridger Wilderness in Wyoming that would require a vehicle with room for reclining while (continuously) en route. Conditions to be negotiated. Contact Bob at 787-2263.

For Sale: Two pairs girl's tap dancing shoes, sizes 11 and 1, one pair worn twice and the other four times. \$4.00 each. Rose McMillen, 787-2324.

WEATHER

		Max.	Min.	Rain
June	1	61	40	
	2	68	45	
	3	65	55	.61
	4	71	57	
	5	81	50	.03
	6	69	53	
	7	81	40	
	8	86	52	
	9	80	50	.13
	10	65	47	
	11	68	40	
	12	79	54	
	13	84	60	1.50
	14	74	60	.34
	15	74	54	1.45
	16	60	51	
	17	70	51	
	18	77	56	
	19	84	62	
	20	85	66	
	21	87	67	.11
	22	75	56	.04
	23	75	51	
	24	79	59	
	25	81	60	
	26	85	56	.24
	27	73	52	
	28	81	65	.04
	29	83	69	.13
	30	89	65	
July	1	89	64	.37
	2	77	60	.71