

CORNELL UNIVERSITY ANNOUNCEMENTS

**48th Annual
ARM AND HOME WEEK**

**NEW YORK STATE COLLEGES, UNITS OF THE
STATE UNIVERSITY OF NEW YORK AT CORNELL UNIVERSITY**

MARCH 23 TO 27, 1959



ADMINISTRATION

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William Irving Myers, Ph.D., Dean of the College of Agriculture
Helen G. Canoyer, Ph.D., Dean of the College of Home Economics
William Arthur Hagan, D.V.M., M.S., D.Sc., Dean of the Veterinary College

IN CHARGE OF FARM AND HOME WEEK

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Harry G. Hodges, chairman, Veterinary College
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The Colleges of Agriculture and Home Economics and the Veterinary College at Cornell University are contract units of the State University of New York.

CORNELL UNIVERSITY ANNOUNCEMENTS

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CONTENTS

General Information	4
Program (agriculture, home economics, veterinary)	
Monday	5
Tuesday	8
Wednesday	12
Thursday	17
Friday	22
Exhibits	24
Tours	29
Special Announcements	29

WELCOME TO CORNELL

EXCITING and new things are happening in science these days, and you are right in the middle of it all. Whether you live on a farm or in a town; whether you're white collar or blue collar, man or woman, boy or girl—you're doing things differently now. And in ten years there will be even more profound changes in your life.

During Farm and Home Week at Cornell, professors and students in your State Colleges—Agriculture, Home Economics, and Veterinary—want to show you what's ahead. They want to show you what's in store for your boy or girl who might be going to college some day. And they want to give you some useful facts and ideas that you can use on your farm and in your home right now.

You'll be amazed at what's going on in the College of Agriculture. Not only are scientists finding ways to produce better food for less money, but they're discovering ways of getting it into your hands efficiently and conveniently. What's more, "Ag College" scientists are doing a lot of fundamental research—work that sheds light on the great mysteries of our environment. Students in the College are getting a broad education, and they're being trained for important jobs in at least forty-five different fields related to agriculture.

In the College of Home Economics you will see science at work in the home. You will hear reports of research into the factors affecting child behavior, the pros and cons of suburban living, the problems of handling new fabrics, family financial affairs, and many other areas vital to the welfare of your home and family. You will see how this work is translated in the classroom for the future home economists who are so much in demand by industry, science, business, and education.

At the Veterinary College, you'll see the finest and most modern plant of its kind in the world. A tour of this medical center—where topflight students study veterinary medicine and where important research is done for animal health—will be an experience you'll remember for a long time.

These are your state colleges. And their work in discovering new things, teaching your children, and co-operating in a state-wide Extension Service all have one prime objective: better living for all.

Cornell is honored by your visit and hopes that you'll find it exciting and rewarding.

GENERAL INFORMATION

Please Register: It is helpful to the Farm and Home Week committees to know who their guests are and where they live. Registration desks will be found in Mann Library, Martha Van Rensselaer Hall, and the Judging Pavilion. Please call at one of these places and fill out the registration card.

Overnight Rooms: Guests should make arrangements directly with hotels, motels, and tourist homes in Ithaca or in near-by communities. Apply at information desk at headquarters in Mann Library if help is needed in securing rooms. Phone, Ithaca 43211, extension 4442.

First Aid: Room 3M23 Martha Van Rensselaer Hall; nurse on duty. Phone, extension 2136.

Accidents: Call Safety Division, extension 2211.

Press Rooms: Press room facilities for visiting newspaper and magazine writers are in Room 113, Stone Hall, James S. Knapp in charge; and in Martha Van Rensselaer Hall, Room 154-156.

Checking Room: Coats and parcels may be checked free of charge in Room 124, Martha Van Rensselaer Hall, from 9 a.m. to 5 p.m.

Places to Eat

Martha Van Rensselaer Hall cafeteria

Entrance to the cafeteria is by the inside stairway from the first floor of the building.

Breakfast	7:15 a.m.-9:15 a.m.
Lunch	11:15 a.m.-1:30 p.m.
Dinner	5:00 p.m.-6:45 p.m.

Willard Straight Hall cafeteria (south of Library Tower)

Breakfast	7:15 a.m.-10:30 a.m.
Lunch	11:45 a.m.-1:30 p.m.
Dinner	Closed.

Willard Straight Hall Ivy Room

Breakfast	7:15 a.m.-10:30 a.m.
Lunch	11:00 a.m.-2:00 p.m.
Dinner	5:00 p.m.-7:00 p.m.
Coffee	10:30 a.m.-11:00 a.m.
Snack Bar	2:45 p.m.-5:00 p.m.
	7:00 p.m.-10:30 p.m.

Willard Straight Hall dining room

Lunch	12:00 m.-1:30 p.m.
Dinner	6:00 p.m.-7:30 p.m.

Dairy Building cafeteria

Breakfast	7:00 a.m.-10:30 a.m.
Lunch	11:00 a.m.-2:00 p.m.

Dairy Building soda and snack bar 11:00 a.m.-1:30 p.m.

Judging Pavilion Annex. Luncheon service. 11 a.m. to 2 p.m. Operated by members of the Round-Up Club, an organization of undergraduates majoring in animal husbandry.

Martha Van Rensselaer Hall, second floor. 9:30 a.m. to 4 p.m. Vending machine food service. Pastries, ice cream, coffee, and milk.

PROGRAM

EXHIBITS, PAGE 24, TOURS, PAGE 29.

MONDAY, MARCH 23

Unless otherwise indicated, all lectures and demonstrations begin on the hour and continue for 45 minutes, and all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. **Woodduck Ways.** Motion picture in color describing the life history and management of this unusually beautiful waterfowl. D. G. Dodds and F. B. Emerson. **Fernow Hall 122**
- Development of the chick embryo.** Demonstration-exhibit. Repeated every half hour except 12 m. and 12:30 p.m. **Rice Hall 101**
- 9:30 a.m. **"Atomic energy" in poultry research.** How radioactive materials are used in physiology and nutrition research. Demonstration-exhibit with colored slides. Repeated every hour on the half-hour except 12:30 p.m. **Rice Hall 100**
- 10 a.m. **Regular student lecture in farm management.** Visitors invited to class. S. W. Warren. **Warren Hall 45**
- Poultry post-mortems.** Demonstration continuous to 11:45 a.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E123**
- An objective measurement of hardness and firmness in vegetables.** Demonstration continuous to 12 m. F. M. Isenberg. **East Roberts Hall 5**
- Deer management.** Problems of managing our state's 400,000 white-tailed deer. F. B. Emerson. **Fernow Hall 122**
- Gas chromatography for vegetable flavor determinations.** Demonstration continuous to 12 m. J. D. Hartman. **East Roberts Hall 5**
- 10:30 a.m. **Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 12 m. Elevator service. **Plant Science 342**
- Dairy records analysis.** How complete dairy records computed by modern machines aid New York dairymen in improving the breeding, feeding, and management of their dairy herds. Includes a tour of the dairy records processing laboratory. Continuous to 11:45 a.m. H. W. Carter, J. D. Burke, and C. R. Henderson. **Wing Hall A**
- Problems and techniques involved in diagnosing plant diseases.** Demonstration and exhibit continuous to 12 m. Elevator service. **Plant Science 342**
- 11 a.m. **Regular student lecture in marketing.** Visitors invited to class. L. B. Darrah. **Warren Hall 45**
- Possibilities for agriculture in the Forty-ninth State.** Illustrated. R. Feuer and J. DeMent. **Caldwell Hall 100**
- New York's oldest plants—300,000,000 B.C.** Description of some remarkable plant remains and what has been learned about them through modern techniques of fossil study. H. P. Banks. **Plant Science 143**
- Stop that rot.** Methods of increasing the useful life of wood by using preservatives. Demonstration-lecture. L. S. Hamilton. **Fernow Hall 122**
- Getting started in farming.** R. S. Smith. **Warren Hall 145**
- Let George do it.** Series of motion pictures: Leave it to the Experts; The School and the Community; and A Citizen Participates. **Warren Hall 131**
- Dairy industry: guided tour.** With demonstrations of teaching and research facilities of the dairy industry department. J. C. White. **Stocking Hall 120**
- 12 m. **We chose careers in conservation.** A senior, a graduate student, and their faculty adviser discuss professional training in wildlife management at Cornell and career opportunities in this field. G. A. Whitaker, S. S. Peters, and O. H. Hewitt. **Fernow Hall 122**

- A Career in Bacteriology.** Motion pictures. Stocking Hall 218
- New developments in farm mechanization and farm buildings.** Motion pictures. Riley-Robb Hall 125
E. D. Markwardt.
- Bobwhite through the Year.** Motion picture in color on the life history and management of the bobwhite quail. O. H. Hewitt. Warren Hall 131
- 12:45 p.m. **Motion pictures of the dairy industry.** Continuous to 1:45 p.m. Stocking Hall 218
- 1 p.m. **Guided tour.** Visits to various laboratories where research is in progress. Animal husbandry staff. Judging Pavilion
- Forest plantation management from planting to harvest.** With colored slides. F. E. Winch, Jr. Fernow Hall 122
- Selecting a farm.** G. J. Conneman. Warren Hall 45
- Stop lightning loss.** Demonstration-lecture. Until 1:30 p.m. L. W. Knapp. Riley-Robb Hall 125
- Semen collection demonstration.** N.Y.A.B.C. Headquarters, Judd Falls Road
- Woodshop class open house.** Continuous to 4:30 p.m. E. W. Foss. Riley-Robb Hall 70
- Partnerships and farm business arrangements.** Individual conferences, continuous to 3 p.m. Make appointment at Warren Hall information desk. C. A. Bratton, R. S. Smith, and S. W. Warren.
- N.Y.A.B.C. open house.** Continuous to 4 p.m. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. See exhibits, page 26. N.Y.A.B.C. Headquarters, Judd Falls Road
- Mann Library tour.** Conducted by library staff. Junior and senior high school students and adults invited. Please sign for tour before 1 p.m. at reserve desk on first floor. Group limited to 100 persons. Tour starts from first floor lobby.
- A Long Time to Grow, part III.** Motion picture. Activities characteristic of six-, seven-, and eight-year-olds; a world of traditions, magic, and customs inherited from previous generations. Mrs. Miriam Taietz. Van Rensselaer Hall Auditorium
- Rewards of research.** Demonstration-lecture by students. Precision in the laboratory leads to success in the kitchen. Vivian Rainman and Gail Gutekunst. Van Rensselaer Hall Amphitheater
- Family life in other lands.** Panel of students from other parts of the world. Kathleen Rhodes, moderator. Van Rensselaer Hall 117
- 1:30 p.m. **Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 3 p.m. Elevator service. Plant Science 342
- How to tune up your farm tractor.** Demonstration-lecture. Until 2 p.m. C. W. Terry and W. W. Gunkel. Riley-Robb Hall 125
- Consultations with poultrymen on individual problems.** Continuous to 3:45 p.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. Veterinary College E113, 115, 117
- Consultations on plant disease problems.** Continuous to 3:30 p.m. Plant pathology staff available for informal visits. Information center, third floor hallway. Elevator service. Plant Science
- Nursery school tour.** Student guides will show the nursery school playrooms and answer questions. Continuous to 4 p.m. Van Rensselaer Hall G-29
- 2 p.m. **Problems farmers face when land is taken for highways or other public uses.** Lecture-discussion continuous to 3:30 p.m. H. E. Conklin, H. A. Kerr, and Adolph H. Huttar, attorney, Syracuse. Warren Hall 45
- Animal husbandry moves ahead in the Philippines.** With colored slides. R. W. Spalding. Wing Hall A
- The World at Your Feet.** An outstanding motion picture in color on soil management. Alfalfa Story. Motion picture in color. Caldwell Hall 100
- A Way of Life.** New motion picture in color portraying the story of predation. Superb nature photography. Until 2:30 p.m. C. D. MacInnes. Fernow Hall 122

- Mildew Disease of Apple. Life of the Molds.** Motion pictures. **Plant Science 336**
- Child art as art.** Understanding and appreciating children's art. Illustrated. H. H. Holladay. **Van Rensselaer Hall 121**
- Steps in kitchen planning.** With slides showing steps in planning a new kitchen or remodeling your present one. Leola Cooper. **Van Rensselaer Hall Auditorium**
- Design developments in home furnishings.** Fashion and fad in today's design of interiors. Panelists: Mrs. Julia Adler, G. C. Millican, and Lorraine Welling. **Van Rensselaer Hall 215**
- 2:30 p.m. Semen collection demonstration.** **N.Y.A.B.C. Headquarters, Judd Falls Road**
- 3 p.m. Veterinary College tours.** Since classes and clinics must be continued during the week, visitors who wish to see the new buildings are invited to take advantage of the tours conducted by veterinary students. Continuous to 4:30 p.m. Tours start in lobby of main entrance, east end of Tower Road.
- Vanishing American birds.** Features a motion picture in color of the whooping crane. D. A. West. **Fernow Hall 122**
- Pin Mold. Allomyces—A Water Mold.** Motion pictures. **Plant Science 336**
- Laboratory of Ornithology open house.** Opportunity to tour this unique facility, to hear Cornell bird song records, and to visit the observatory overlooking the waterfowl pond. Continuous to 5 p.m. Laboratory staff. See map, page 16. **Sapsucker Woods Road**
- It's on the label; what does it mean?** How a knowledge of food processing and additives can help you choose foods more intelligently. Illustrated. Marjorie Burns. **Van Rensselaer Hall 117**
- Selection and purchase of furniture.** Demonstration-discussion on learning to recognize quality construction in upholstered furniture and case goods. Translation of tags and labels. Questions invited. T. Donkin. **Van Rensselaer Hall Auditorium**
- The quantity cook speaks.** Foods and equipment for quantity cooking; activities in the Home Economics cafeteria kitchen. Kathleen Cutlar. **Van Rensselaer Hall Amphitheater**
- 4 p.m. Snakes of New York.** Demonstration with colored slides and live specimens. B. B. Collette. **Fernow Hall 122**
- Introducing new equipment into your kitchen.** Two-piece ranges, sinks, wall cupboards, refrigerators, and dishwashers. Some of this equipment on exhibit in Room G-19. Rose Steidl and Mrs. Lucille Williamson. **Van Rensselaer Hall 117**
- 8 p.m. Rice Debate Stage.** Resolved: That Congress should enact a federal right-to-work law. An annual speaking contest established by the late James E. Rice to encourage students in the College of Agriculture to become skillful in expressing themselves in the interests of agriculture. Prizes of \$100 and \$25 are awarded. Affirmative: D. G. Francis, Moravia, and F. S. Kelsey, Clyde. Alternate, W. F. O'Connor, Melbourne, Australia. Negative: J. J. Mullen, Ithaca, and H. S. Neilson, New Windsor, Md. Alternate, G. P. Hirsch, Brooklyn. **Warren Hall 45**

PROGRAM

EXHIBITS, PAGE 24, TOURS, PAGE 29.

TUESDAY, MARCH 24

Unless otherwise indicated, all lectures and demonstrations begin on the hour and continue for 45 minutes, and all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. Father-son partnerships.** S. W. Warren. **Warren Hall 45**
Development of the chick embryo. Demonstration-exhibit. Repeated every half-hour except 12 m. and 12:30 p.m. **Rice Hall 101**
Woodduck Ways. Motion picture in color describing the life history and management of this unusually beautiful waterfowl. D. G. Dodds and F. B. Emerson. **Fernow Hall 122**
Farm Electrification Conference. E. S. Shepardson in charge. **Riley-Robb Hall Seminar**
- 9:15 a.m. Eye opener.** Singing by Chi-O's, a student group; Dot Beattie, director. Welcome by Dean Helen G. Canoyer. **Van Rensselaer Hall Auditorium**
- 9:30 a.m. Handling farm produce.** Symposium on recent developments in materials-handling techniques in dairy, beef, fruit, vegetable, and poultry farming. Continuous to 11:45 a.m. W. W. Gunkel, chairman. C. S. Winkelblech, J. W. Layer, H. R. Davis, W. F. Millier, E. D. Markwardt, and Jordan Levin, U. S. Agricultural Research Service, East Lansing, Michigan. **Riley-Robb Hall 125**
"Atomic energy" in poultry research. How radioactive materials are used in physiology and nutrition research. Demonstration-exhibit with colored slides. Repeated every hour on the half-hour except 12:30 p.m. **Rice Hall 100**
- 10 a.m. Trends in beef cattle production.** Panel discussion. J. I. Miller and M. D. Lacy with a panel of successful farmers. Commercial cattle feeding—Ralph Poole, Ontario County. Breeding more productive cattle—Dale Fletcher, Dutchess County. Marketing purebred cattle—Myron Fuerst, Dutchess County. **Wing Hall A**
Regular student lecture in farm finance. Visitors invited to class. G. W. Hedlund. **Warren Hall 145**
Measuring soil moisture to determine when to irrigate. Demonstration continuous to 12 m. A. J. Pratt. **East Roberts Hall 107**
Poultry post-mortems. Demonstration continuous to 11:45 a.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E123**
Trout in New York farm ponds. How have they worked out? With colored slides. A. W. Fipper. **Fernow Hall 122**
Knowing our neighbors: our neighbors in India. With colored slides. E. Y. Campbell. **Warren Hall 131**
Understanding children's motivation. Some of the important motivational factors influencing children's behavior. H. N. Ricciuti. **Van Rensselaer Hall 117**
Steps in kitchen planning. With slides showing steps in planning a new kitchen or remodeling your present one. Leola Cooper. **Van Rensselaer Hall Auditorium**
A chemist in the kitchen. Demonstration-lecture on the application of chemistry to food preparation. Alice Briant, Nancy Fischer, Helen McDonald, and Grace Steinger. **Van Rensselaer Hall Amphitheater**
Nursery school tour. Ten-minute tours to observe activities of children attending the nursery school. Continuous to 11:45 a.m. Please sign in advance for tour. **Van Rensselaer Hall G-29**
School lunch magic. How can the school lunch program contribute to better nutrition, health, and citizenship training for our children today? Alice Burgoin. **Van Rensselaer Hall 215**

- 10:30 a.m. Dairy records analysis.** How complete dairy records computed by modern machines aid New York dairymen in improving the breeding, feeding, and management of their dairy herds. Includes a tour of the dairy records processing laboratory. Continuous to 11:45 a.m. H. W. Carter, J. D. Burke, and C. R. Henderson.
Wing Hall C
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 12 m. Elevator service.
Plant Science 342
- 11 a.m. Dairy industry: guided tour.** With demonstrations of teaching and research facilities of the dairy industry department. J. C. White.
Stocking Hall 120
- Growing Christmas trees.** Symposium. Bring your questions, and help to supply answers. L. S. Hamilton, G. R. Cunningham, and F. E. Winch, Jr.
Fernow Hall 122
- Let George do it.** Series of motion pictures: Leave it to the Experts; The School and the Community; and A Citizen Participates.
Warren Hall 131
- Land judging for beginners.** Illustrated demonstration. H. M. Wilson.
Caldwell Hall 100
- Travel in England.** With colored slides. H. W. Seeley.
Stocking Hall 119
- Earning national recognition for superior F.F.A. chapter achievement.** Discussion of a program which led to a National Gold Emblem Award. Members of Hamilton F.F.A. chapter and a state F.F.A. officer will participate. B. A. Gaylord and R. C. Jones.
Warren Hall 201
- Presentation of awards to the "500" Beef Club.** J. I. Miller.
Wing Hall A
- Trends in dairy farming.** L. C. Cunningham.
Warren Hall 45
- Blindfold or billboard?** Let the label help you choose and use food and laundry products. Elizabeth Wiegand, Mary Wood, C. E. Wright, and Barbara McCandless.
Van Rensselaer Hall 215
- Current issues in education.** F. H. Stutz and Sara Blackwell.
Van Rensselaer Hall 121
- Suburbia: utopia or delusion.** Two housing specialists answer a young homemaker's inquiries concerning the pros and cons of locating one's residence in suburbia. Audience participation invited. G. H. Beyer and L. L. Bower.
Van Rensselaer Hall 117
- Dressing for modern living.** Extension service homemakers show through creative design and economy of construction that they and their families can have well-fitted garments in the latest fashion. Mrs. Madeline Blum and Adaline Snellman.
Van Rensselaer Hall Auditorium
- 12 m. Canada's MacKenzie Valley.** Observations of its land and water, people and wildlife, from Edmonton, Alberta, to the Arctic Ocean. With colored slides. G. A. Swanson.
Fernow Hall 122
- New developments in farm mechanization and farm buildings.** Motion pictures. E. D. Markwardt.
Riley-Robb Hall 125
- A Career in Bacteriology.** Motion pictures.
Stocking Hall 218
- Cottontail.** Motion picture in color on the life history and management of the cottontail rabbit. O. H. Hewitt.
Warren Hall 131
- Luncheon.** Sponsored by the American Petroleum Institute, New York Oil Industry Committee.
Willard Straight Hall
- Designing, constructing, and improvising furniture.** Sarah Neblett.
Van Rensselaer Hall 215
- Managing a Community Meal.** Motion picture in color demonstrating quantity food preparation techniques and suitable equipment. Discussion and question period will follow. Marie Knickrehm.
Van Rensselaer Hall Amphitheater
- The consumer looks at rugs.** New buying guides for the homemaker. Harold Webber, textile consultant for Consumers Union.
Van Rensselaer Hall 117
- 12:45 p.m. Motion pictures of the dairy industry.** Continuous to 1:45 p.m.
Stocking Hall 218
- 1 p.m. Water.** Its productivity and potential in supplying food for expanding human population. Demonstration-lecture with colored slides. J. P. Barlow.
Fernow Hall 122

- Inspection of the beef breeding herds.** Inspection and discussion of experimental work, type classification, bull testing, and herd management problems. Continuous to 2:45 p.m. J. I. Miller, M. D. Lacy, K. Tillapaugh, R. Park, M. V. Wallentine, and C. R. Martin, Buffalo. **Beef Cattle Barns**
- Guided tour.** Visits to various laboratories where research is in progress. Animal husbandry staff. **Judging Pavilion**
- Selling days are here again.** J. F. Metz. **Warren Hall 45**
- Tilt-up concrete construction for farm buildings.** Low-cost construction techniques illustrated with models and slides. Until 1:30 p.m. H. R. Davis, R. Gibbs, and R. B. Furry. **Riley-Robb Hall 125**
- Semen collection demonstration.** **N.Y.A.B.C. Headquarters, Judd Falls Road**
- Partnerships and farm business arrangements.** Individual conferences continuous to 3 p.m. Make appointment at Warren Hall information desk. C. A. Bratton, R. S. Smith, and S. W. Warren.
- N.Y.A.B.C. open house.** Continuous to 4 p.m. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. See exhibits, page 26. **N.Y.A.B.C. Headquarters, Judd Falls Road**
- Woodshop class open house.** Continuous to 4:30 p.m. E. W. Foss. **Riley-Robb Hall 70**
- Singing by the Glee Club Eight.** A double quartet from the Cornell University Glee Club. **Bailey Hall**
- Mann Library tour.** Conducted by library staff. Junior and senior high school students and adults invited. Please sign for tour before 1 p.m. at reserve desk on first floor. Group limited to 100 persons. Tour starts from first floor lobby.
- The Medicine Man.** Motion picture with discussion about fact and fallacy in nutrition. Hazel Hauck. **Van Rensselaer Hall 117**
- Family life in other lands.** Panel of students from other parts of the world. Helen Moser, moderator. **Van Rensselaer Hall 121**
- Buying rugs and carpets.** Demonstration-discussion with emphasis on quality, construction, cost, use, color, and texture. E. M. von Fromm, Product Information Director, Carpet Institute, Inc., New York. **Van Rensselaer Hall Auditorium**
- Problems in dry cleaning the new fabrics.** Dr. Dorothy S. Lyle, public relations director of the National Institute of Dry Cleaning, will report on her investigation of new fabrics coming on the market and problems related to their care. **Van Rensselaer Hall 215**
- 1:30 p.m. Problems and techniques involved in diagnosing plant diseases.** Demonstration and exhibit continuous to 3 p.m. Elevator service. **Plant Science 342**
- Consultations with poultrymen on individual problems.** Continuous to 3:45 p.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E113, 115, 117**
- Consultations on plant disease problems.** Continuous to 3:30 p.m. Plant pathology staff available for informal visits. Information center, third floor hallway. Elevator service. **Plant Science**
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 3 p.m. Elevator service. **Plant Science 342**
- Nursery school tour.** Student guides will show the nursery school playrooms and answer questions. Continuous to 3 p.m. **Van Rensselaer Hall G-29**
- 2 p.m. A peek at farms and people behind the Iron Curtain.** Illustrated talk on Russia. Marlin G. Cline. **Bailey Hall**
- The contribution of the Veterinary College and the profession to public welfare.** Dean W. A. Hagan. **Veterinary College, James Law Auditorium**
- Should the county tax retail sales?** Panel discussion continuous to 3:30 p.m. F. A. Lutz, moderator. M. S. Kendrick; Fred Rosenberg, Broome County sales tax counsel; and Harold Hawley, Cayuga County farmer. **Warren Hall 45**
- Pin Mold. The Golden Nematode.** Motion pictures. **Plant Science 336**

- A Way of Life.** New motion picture in color portraying the story of predation. Superb nature photography. Until 2:30 p.m. C. D. MacInnes. **Fernow Hall 122**
- Have rising prices really hurt you?** Mabel Rollins. **Van Rensselaer Hall 121**
- Vegetables in vogue.** Demonstration-lecture by students. Color, flavor, and nutrient retention in vegetable cookery. Norma Ruebman and Janet Voegelé.
Van Rensselaer Hall Amphitheater
- Resilient floor coverings.** Selection in relation to comfort, price, and place of use; installation problems, precautions, and possibilities. Ruby Loper.
Van Rensselaer Hall 215
- Good food is no accident, either at home or in a hospital.** A look at meal preparation and service in hospitals. Nancy Colburn. **Van Rensselaer Hall 117**
- 2:15 p.m. See how and where your veterinarian is trained.** Tours, demonstrations, and exhibits (see page 28) of the Veterinary College conducted by veterinary students with staff cooperation. Continuous to 4:30 p.m. Tours start in lobby of main entrance, east end of Tower Road. **Veterinary College**
- 2:30 p.m. Semen collection demonstration.** N.Y.A.B.C. Headquarters, Judd Falls Road
- 3 p.m. Laboratory of Ornithology open house.** Opportunity to tour this unique facility, to hear Cornell bird song records, and to visit the observatory overlooking the waterfowl pond. Continuous to 5 p.m. Laboratory staff. See map, page 16.
Sapsucker Woods Road
- The problem of foliage discoloration in Christmas tree plantations.** A search for causes and new sources of seed. With colored slides. L. S. Hamilton.
Fernow Hall 122
- Meeting of New York Hereford Breeders' Association.** Scott Traxler, Dansville, president. **Wing Hall E**
- Meeting of the New York Aberdeen Angus Association.** William Landauer, Red Hook, president. **Wing Hall C**
- Mildew Disease of Apple. Life of the Molds.** Motion pictures. **Plant Science 336**
- Questions and answers on family financial management.** Questions from the audience. Jean Warren. **Van Rensselaer Hall 117**
- It's on the label; what does it mean?** How a knowledge of food processing and additives can help you choose foods more intelligently. Illustrated. Marjorie Burns.
Van Rensselaer Hall 215
- Research in progress in food and nutrition.** Includes a tour of research laboratories. Faith Fenton and Katherine Newman. **Van Rensselaer Hall 266**
- Dressing for modern living.** Extension service homemakers show through creative design and economy of construction that they and their families can have well-fitted garments in the latest fashion. Mrs. Madeline Blum and Adaline Snellman.
Van Rensselaer Hall Auditorium
- 4 p.m. The Great Adventure.** Prize-winning motion picture produced in Sweden. Widely acclaimed as a masterpiece of nature photography. Continuous to 5:20 p.m.
Van Rensselaer Hall Auditorium
- Wandorobo.** Motion picture of the honey-guide, an African bird that leads men and wild birds to hives of bees. C. G. Sibley. **Fernow Hall 122**
- Avenues to Happy Homes.** Film strip of homemaking programs in secondary schools. Helen Moser. **Van Rensselaer Hall 117**
- 6:30 p.m. Dinner.** Farm Electrification Conference. **Stadler Hall**
- 7:30 p.m. Demonstration by the Ithaca Dog Training Club.** Harrison Fagan, announcer. Harold Gerkin, drill master. **Judging Pavilion**
- 8 p.m. Cornell student Grange meeting, with a special speaker.** Visiting Grangers welcome. **Van Rensselaer Hall Auditorium**
- 8:15 p.m. Concert by the Cornell University Repertoire Concert Band.** Henry Romersa, director. No admission charged. **Bailey Hall**

PROGRAM

EXHIBITS, PAGE 24, TOURS, PAGE 29.

WEDNESDAY, MARCH 25

Unless otherwise indicated, all lectures and demonstrations begin on the hour and continue for 45 minutes, and all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. **Development of the chick embryo.** Demonstration-exhibit. Repeated every half-hour except 12 m. and 12:30 p.m. **Rice Hall 101**
- Woodduck Ways.** Motion picture in color describing the life history and management of this unusually beautiful waterfowl. D. G. Dodds and F. B. Emerson. **Fernow Hall 122**
- Farm Electrification Conference.** E. S. Shepardson in charge. **Riley-Robb Hall Seminar**
- 9:15 a.m. **Eye opener.** Singing by Pi Phi Hi Phis, a student group; Jan Markle, director. Welcome by Dean Helen G. Canoyer. **Van Rensselaer Hall Auditorium**
- 9:30 a.m. **"Atomic energy" in poultry research.** How radioactive materials are used in physiology and nutrition research. Demonstration-exhibit with colored slides. Repeated every hour on the half-hour except 12:30 p.m. **Rice Hall 100**
- 10 a.m. **How does a European farmer drain his land?** Illustrated. P. J. Zwerman. **Caldwell Hall 100**
- Quality measurement of processed potatoes.** Demonstration continuous to 12 m. O. Smith. **East Roberts Hall 2**
- Livestock production in Latin America.** With colored slides. K. L. Turk. **Wing Hall A**
- The family farm—partnership or corporation?** R. S. Smith. **Warren Hall 145**
- Knowing our neighbors: our neighbors in Honduras.** With colored slides. P. C. Heckert. **Warren Hall 131**
- More bear facts.** Summary of a three-year study of the black bear in New York. With colored slides. M. A. Marsh, Jr. **Fernow Hall 122**
- Gas chromatography for vegetable flavor determinations.** Demonstration continuous to 12 m. J. D. Hartman. **East Roberts Hall 5**
- Regular student lecture in farm management.** Visitors invited to class. S. W. Warren. **Warren Hall 45**
- An objective measurement of hardness and firmness in vegetables.** Demonstration continuous to 12 m. F. M. Isenberg. **East Roberts Hall 5**
- Poultry post-mortems.** Demonstration continuous to 11:45 a.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E123**
- Measuring soil moisture to determine when to irrigate.** Demonstration continuous to 12 m. A. J. Pratt. **East Roberts Hall 107**
- Rural Church Institute program.** See page 30. **Warren Hall Seminar**
- How we manage.** Kathryn Walker and a panel of employed homemakers. **Van Rensselaer Hall Auditorium**
- A chemist in the kitchen.** Demonstration-lecture on the application of chemistry to food preparation. Alice Briant, Nancy Fischer, Helen McDonald, and Grace Steininger. **Van Rensselaer Hall Amphitheater**
- Seeking answers to educational problems.** Discussion. Mrs. Helen Nelson and Sara Blackwell. **Van Rensselaer Hall 215**
- Today's fabrics: news and prevues.** New fibers and new developments in familiar fibers; how they affect the consumer. Evelyn Stout and Vivian White. **Van Rensselaer Hall 117**

- Nursery school tour.** Ten-minute tours to observe activities of children attending the nursery school. Continuous to 11:45 a.m. Please sign in advance for tour.
Van Rensselaer Hall G-29
- 10:30 a.m. Inspection of sheep barns.** Includes experimental and breeding flocks; and discussion of recent research, feeding, and management practices. Transportation provided for those without cars. Meet in Judging Pavilion. W. F. Brannon, D. E. Hogue, G. I. Hunt, J. R. Jones, and J. F. Proctor.
Sheep Barns
- Problems and techniques involved in diagnosing plant diseases.** Demonstration and exhibit continuous to 12 m. Elevator service.
Plant Science 342
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 12 m. Elevator service.
Plant Science 342
- 11 a.m. Can I kill weeds with chemicals?** Illustrated. M. M. Schreiber.
Caldwell Hall 100
- Logging in the U.S.S.R.** Motion picture in color showing Russia's forest resources and their utilization. L. S. Hamilton.
Fernow Hall 122
- Plastic greenhouses—construction and management.** Lecture and demonstration. R. D. Sheldrake.
East Roberts Hall 222
- Regular student lecture in marketing.** Visitors invited to class. L. B. Darrah.
Warren Hall 45
- Let George do it.** Series of motion pictures: Leave it to the Experts; The School and the Community; and A Citizen Participates.
Warren Hall 131
- Dairy records analysis.** How complete dairy records computed by modern machines aid New York dairymen in improving the breeding, feeding, and management of their dairy herds. Includes a tour of the dairy records processing laboratory. Continuous to 12:15 p.m. H. W. Carter, J. D. Burke, and C. R. Henderson.
Wing Hall A
- How young men become established in farming through vocational agriculture.** Panel discussion with young farmers. J. P. Bail and C. W. Hill. Warren Hall 201
- Dairy industry: guided tour.** With demonstrations of teaching and research facilities of the dairy industry department. J. C. White.
Stocking Hall 120
- How the use of bulk tanks will change milk marketing conditions.** R. D. Aplin.
Warren Hall 145
- Introducing new equipment into your kitchen.** Two-piece ranges, sinks, wall cupboards, refrigerators, and dishwashers. Some of this equipment on exhibit in Room G-19. Rose Steidl and Mrs. Lucille Williamson.
Van Rensselaer Hall 215
- Current issues in education.** F. H. Stutz and Sara Blackwell.
Van Rensselaer Hall 121
- Selection and purchase of furniture.** Demonstration-discussion on learning to recognize quality construction in upholstered furniture and case goods. Translation of tags and labels. Questions invited. T. Donkin.
Van Rensselaer Hall 117
- Problems in dry cleaning the new fabrics.** Dr. Dorothy S. Lyle, public relations director of the National Institute of Dry Cleaning, will report on her investigation of new fabrics coming on the market and problems related to their care.
Van Rensselaer Hall Auditorium
- 12 m. Sportsmen's paradise.** The natural history of Newfoundland. With colored slides. D. G. Dodds.
Fernow Hall 122
- A Career in Bacteriology.** Motion pictures.
Stocking Hall 218
- Developments in farm mechanization and farm buildings.** Motion pictures. E. D. Markwardt.
Riley-Robb Hall 125
- Bobwhite through the Year.** Motion picture in color on the life history and management of the bobwhite quail. O. H. Hewitt.
Warren Hall 131
- A Long Time to Grow, part III.** Motion picture. Activities characteristic of six-, seven-, and eight-year-olds; a world of traditions, magic, and customs inherited from previous generations. Mrs. Miriam Taietz.
Van Rensselaer Hall 117

- Design developments in home furnishings.** Fashion and fad in today's design of interiors. Panelists: Mrs. Julia Adler, G. C. Millican, and Lorraine Welling.
Van Rensselaer Hall 215
- Managing a Community Meal.** Motion picture in color demonstrating quantity food preparation techniques and suitable equipment. Discussion and question period will follow. Marie Knickrehm.
Van Rensselaer Hall Amphitheater
- 12:45 p.m. **Motion pictures of the dairy industry.** Continuous to 1:45 p.m.
Stocking Hall 218
- 1 p.m. **Concert by the Cornell University Concert Band.** William A. Campbell, director.
Bailey Hall
- What's the story on hay pelleting?** Illustrated. Until 1:30 p.m. D. C. Ludington.
Riley-Robb Hall 125
- N.Y.A.B.C. open house.** Continuous to 4 p.m. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. See exhibits, page 26.
N.Y.A.B.C. Headquarters, Judd Falls Road
- Discoveries in animal behavior.** How they help to interpret the actions of wildlife, domestic animals, and humans. Illustrated with speaker's drawings. W. J. Dilger.
Fernow Hall 122
- Recent developments in farm programs.** K. L. Robinson.
Warren Hall 145
- Guided tour.** Visits to various laboratories where research is in progress. Animal husbandry staff.
Judging Pavilion
- Partnerships and farm business arrangements.** Individual conferences continuous to 3 p.m. Make appointment at Warren Hall information desk. C. A. Bratton, R. S. Smith, and S. W. Warren.
- Semen collection demonstration.** N.Y.A.B.C. Headquarters, Judd Falls Road
- Mann Library tour.** Conducted by library staff. Junior and senior high school students and adults invited. Please sign for tour before 1 p.m. at reserve desk on first floor. Group limited to 100 persons. Tour starts from first floor lobby.
- The Medicine Man.** Motion picture with discussion about fact and fallacy in nutrition. Hazel Hauck.
Van Rensselaer Hall 117
- Hooked rug making.** With colored slides. How a designer works with color and pattern in rug making. Questions invited. Continuous to 2:30 p.m. G. J. Wells, New York, designer of rugs.
Van Rensselaer Hall Auditorium
- The quantity cook speaks.** Foods and equipment for quantity cooking; activities in the Home Economics cafeteria kitchen. Kathleen Cutlar.
Van Rensselaer Hall Amphitheater
- Be your age attractively.** The psychologist and the clothing specialist look at the woman over 50; the possibilities for maintaining an attractive appearance through the later years of life. Demonstration-lecture. Mrs. Elsie McMurry and Mrs. Mary Ryan.
Van Rensselaer Hall 215
- 1:30 p.m. **Keeping the New York vegetable industry competitive.** Marketing New York vegetables cooperatively—S. A. Allen, Tri-County Bean Coop, Waterville. Past and future of New York potato industry—Ora Smith. A panel discussion on the future of the potato industry in New York follows; P. A. Minges, chairman, S. A. Allen, Waterville; O. Smith; R. L. Sawyer; L. M. Hardison, potato farmer, Richford; D. R. C. Smith, potato farmer, Canastota; R. B. How; and A. J. Pratt.
East Roberts Hall 222
- Consultations on plant disease problems.** Continuous to 3:30 p.m. Plant pathology staff available for informal visits. Information center, third floor hallway. Elevator service.
Plant Science
- Equipment calibration—a way to save money.** Lecture-demonstration. Until 2 p.m. W. F. Millier.
Riley-Robb Hall 125
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 3 p.m. Elevator service.
Plant Science 342
- Consultations with poultrymen on individual problems.** Continuous to 3:45 p.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr.
Veterinary College E113, 115, 117

- Nursery school tour. Student guides will show the nursery school playrooms and answer questions. Continuous to 4 p.m. **Van Rensselaer Hall G-29**
- 2 p.m. **Early-cut forages make the difference.** Panel discussion continuous to 4 p.m. C. M. Chance, moderator. Response of cows to early-cut forage under experimental conditions—K. L. Turk. Equipment and methods costs with special reference to silage, barn driers, and conditioners—B. F. Stanton. Two dairymen will answer questions and tell how they incorporated some of these newer developments into their operations. **Wing Hall A**
- Can you get and keep farm help?** Panel discussion continuous to 4 p.m. C. D. Kearl, moderator. Nelson Hopper, New York State Employment Service, Rochester; Earl Henry, Erie County farmer; Robert V. Call, Jr., Genesee County farmer; and T. M. Clark, Tioga County farmer. **Warren Hall 45**
- Community problems in health, education, and welfare.** Panel discussion continuous to 3:30 p.m. B. E. Ellenbogen, P. Taietz, and H. E. Thomas. **Warren Hall 32**
- A new state program on sediment control in milk.** Continuous to 4 p.m. The program and methods of testing for sediment—Michael Roman, New York State Department of Agriculture & Markets. Keeping sediment out of milk—J. C. White. Straining and strainer materials—R. P. March. **Stocking Hall 119**
- Let's keep our wild flowers.** With colored slides. R. B. Fischer. **Plant Science 143**
- Mildew Disease of Apple. Life of the Molds.** Motion pictures. **Plant Science 336**
- A Way of Life.** New motion picture in color portraying the story of predation. Superb nature photography. Until 2:30 p.m. C. D. MacInnes. **Fernow Hall 122**
- Sitting and standing to do household tasks.** Mrs. Esther Bratton. **Van Rensselaer Hall 121**
- Cake day, the dump and save way.** Demonstration-lecture by students. Spotlighting one-bowl or quick-method cakes. Kate Williams and Margaret Rintz. **Van Rensselaer Hall Amphitheater**
- Family life in other lands.** Panel of students from other parts of the world. Kathleen Rhodes, moderator. **Van Rensselaer Hall 117**
- Home furnishings, fabrics, and furniture.** Motion pictures. Barbara Hochgrebe. **Van Rensselaer Hall 215**
- 2:30 p.m. **Semen collection demonstration.** N.Y.A.B.C. Headquarters, **Judd Falls Road**
- 3 p.m. **Probing the secrets of Oneida Lake.** Methods biologists use to study fish in New York's largest inland water. Demonstration-lecture with colored slides. J. L. Forney and A. W. Eipper. **Fernow Hall 122**
- Veterinary College tours.** Since classes and clinics must be continued during the week, visitors who wish to see the new buildings are invited to take advantage of the tours conducted by veterinary students. Continuous to 4:30 p.m. Tours start in lobby of main entrance, east end of Tower Road. **Plant Science 336**
- Pin Mold. The Golden Nematode.** Motion pictures. **Plant Science 336**
- Laboratory of Ornithology open house.** Opportunity to tour this unique facility, to hear Cornell bird song records, and to visit the observatory overlooking the water-fowl pond. Continuous to 5 p.m. Laboratory staff. See map, page 16. **Sapsucker Woods Road**
- Garden club tea.** Members and guests of Federated Garden Clubs in New York State. **Alumni Center Barn, behind White Art Museum**
- Understanding the adolescent.** What kind of help do adolescents want from parents and other adults? What kind of parents do adolescents want? With motion picture and discussion. E. O. Peisner. **Van Rensselaer Hall Auditorium**
- A day in the home management apartments.** Description of activities and methods used. Alice Davey and students. **Van Rensselaer Hall 117**
- It's on the label; what does it mean?** How a knowledge of food processing and additives can help you choose foods more intelligently. Illustrated. Marjorie Burns. **Van Rensselaer Hall 215**
- 4 p.m. **Wild animals of New York.** With colored slides and live specimens. W. J. Hamilton, Jr. **Fernow Hall 122**

Child art as art. Understanding and appreciating children's art. Illustrated. H. H. Holladay. **Van Rensselaer Hall 117**

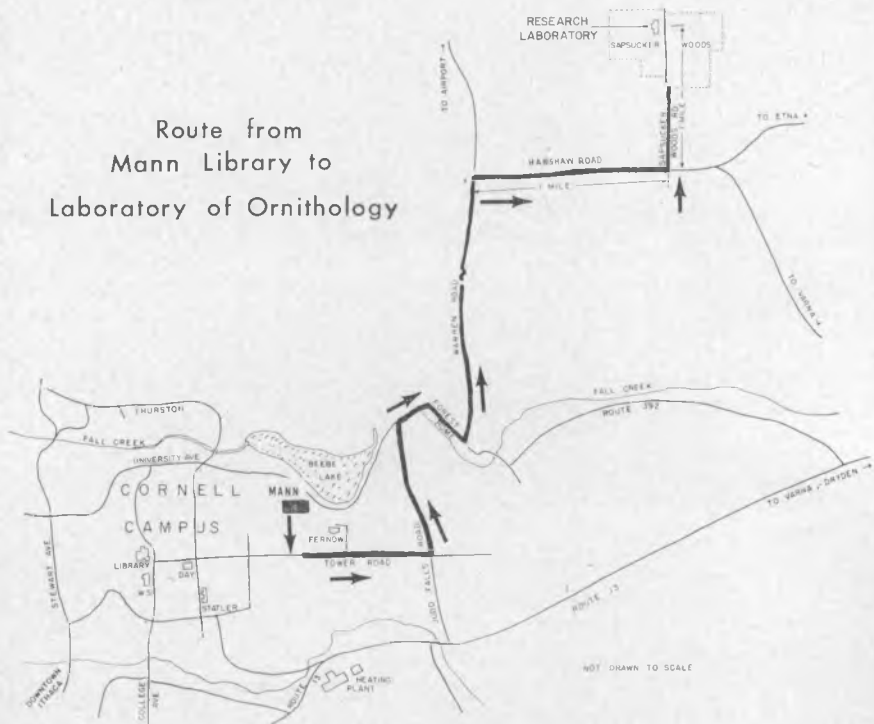
7:30 p.m. The contribution of the Veterinary College and the profession to public welfare. Dean W. A. Hagan. **Veterinary College, James Law Auditorium**

7:45 p.m. See how and where your veterinarian is trained. Tours, demonstrations, and exhibits (see page 28) of the Veterinary College conducted by Veterinary students with staff cooperation. Tours start in lobby of main entrance, east end of Tower Road. **Veterinary College**

8 p.m. The Federal Government's role in the conservation partnership. Ross Leffler, Assistant Secretary, U.S. Department of the Interior, Washington, D.C. **Fernow Hall 122**

8:15 p.m. Concert by the Cornell University Glee Club. Thomas A. Sokol, conductor. This concert by one of America's outstanding university glee clubs has become traditional with Farm and Home Week. No admission charged. **Bailey Hall**

Route from
Mann Library to
Laboratory of Ornithology



PROGRAM

EXHIBITS, PAGE 24, TOURS, PAGE 29.

THURSDAY, MARCH 26

Unless otherwise indicated, all lectures and demonstrations begin on the hour and continue for 45 minutes, and all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. **How some young farmers study their businesses.** C. A. Bratton.
Warren Hall 45
- Woodduck Ways.** Motion picture in color describing the life history and management of this unusually beautiful waterfowl. D. G. Dodds and F. B. Emerson.
Fernow Hall 122
- Development of the chick embryo.** Demonstration-exhibit. Repeated every half-hour except 12 m. and 12:30 p.m.
Rice Hall 101
- 9:15 a.m. **Eye opener.** Singing by Chi Gamblers, a student group; Pat Hicks, director. Welcome by Dean Helen G. Canoyer.
Van Rensselaer Hall Auditorium
- 9:30 a.m. **"Atomic energy" in poultry research.** How radioactive materials are used in physiology and nutrition research. Demonstration-exhibit with colored slides. Repeated every hour on the half-hour except 12:30 p.m.
Rice Hall 100
- 10 a.m. **Regular student lecture in farm finance.** Visitors invited to class. G. W. Hedlund.
Warren Hall 145
- You, too, can plow-plant corn successfully.** Illustrated. H. M. Wilson and C. S. Winkelblech.
Caldwell Hall 100
- New ideas for stocking warm-water fish ponds.** With colored slides. H. W. Regier.
Fernow Hall 122
- How much forage harvesting equipment can you afford?** G. J. Conneman.
Warren Hall 45
- Knowing our neighbors: our neighbors in Thailand.** With colored slides. J. S. Johnson.
Warren Hall 131
- Poultry post-mortems.** Demonstration continuous to 11:45 a.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr.
Veterinary College E123
- State Fish and Wildlife Management Board meeting.**
Warren Hall 32
- Annual meeting.** New York State Swine Breeders' and Feeders' Improvement Project. Edward Sodoma, Brockport, president.
Wing Hall C
- Palmour Street.** Motion picture and discussion of typical problems of family living. Mrs. Helen Bayer.
Van Rensselaer Hall Auditorium
- Children's money. Where it comes from and where it goes.** Molly Sylvester, Marjorie Knoll, and other panel members.
Van Rensselaer Hall 117
- A chemist in the kitchen.** Demonstration-lecture on the application of chemistry to food preparation. Alice Briant, Nancy Fischer, Helen McDonald, and Grace Steinger.
Van Rensselaer Hall Amphitheater
- School lunch magic.** How can the school lunch program contribute to better nutrition, health, and citizenship training for our children today? Alice Burgoin.
Van Rensselaer Hall 215
- Nursery school tour.** Ten-minute tours to observe activities of children attending the nursery school. Continuous to 11:45 a.m. Please sign in advance for tour.
Van Rensselaer Hall G-29
- 10:30 a.m. **Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 12 m. Elevator service.
Plant Science 342
- Dairy records analysis.** How complete dairy records computed by modern machines aid New York dairymen in improving the breeding, feeding, and management

- of their dairy herds. Includes a tour of the dairy records processing laboratory. Continuous to 11:45 a.m. H. W. Carter, J. D. Burke, and C. R. Henderson.
Wing Hall A
- 11 a.m. **What's ahead for New York farmers?** W. I. Myers. Warren Hall 45
- Meat-type hogs.** Should they, why and how can they, contribute more to New York agriculture? Panel discussion continuous to 12:30 p.m. E. A. Pierce, moderator. H. Beals, G.L.F., Ithaca; H. H. Rumsey, Tobin Packing Co., Rochester; W. D. Lashbrook, Beacon Milling Co., Cayuga; and R. V. Hemming, Empire Livestock Marketing Cooperative, Ithaca. Wing Hall C
- Growing Christmas trees.** Symposium. Bring your questions and help to supply answers. L. S. Hamilton, G. R. Cunningham, and F. E. Winch, Jr. Fernow Hall 122
- Travel in England.** With colored slides. H. W. Seeley. Stocking Hall 119
- Dairy industry: guided tour.** With demonstrations of teaching and research facilities of the dairy industry department. J. C. White. Stocking Hall 120
- Let George do it.** Series of motion pictures: Leave it to the Experts; The School and the Community; and A Citizen Participates. Warren Hall 131
- Plastic greenhouses—construction and management.** Lecture and demonstration. R. D. Sheldrake. East Roberts Hall 222
- Earning recognition as an F.F.A. member.** How four New York F.F.A. members earned local, state, and national recognition for superior achievement. R. C. Jones and B. A. Gaylord. Warren Hall 201
- Top yields of corn in New York—how we got them.** Colored slides and panel discussion with corn growers participating. The 1958 state champion corn grower award will be presented. Caldwell Hall 100
- Understanding children's motivation.** Some of the important motivational factors influencing children's behavior. H. N. Ricciuti. Van Rensselaer Hall 215
- Steps in kitchen planning.** With slides showing steps in planning a new kitchen or remodeling your present one. Leola Cooper. Van Rensselaer Hall Auditorium
- Avenues to Happy Homes.** Film strip of homemaking programs in secondary schools. Helen Moser. Van Rensselaer Hall 117
- Suburbia: utopia or delusion.** Two housing specialists answer a young homemaker's inquiries concerning the pros and cons of locating one's residence in suburbia. Audience participation invited. G. H. Beyer and L. L. Bower. Van Rensselaer Hall 121
- 12 m. **A Career in Bacteriology.** Motion pictures. Stocking Hall 218
- New developments in farm mechanization and farm buildings.** Motion pictures. E. D. Markwardt. Riley-Robb Hall 125
- Cottontail.** Motion picture in color on the life history and management of the cottontail rabbit. O. H. Hewitt. Warren Hall 131
- Cash crops in New York's salt waters.** Description of our marine fish and shellfish resources. With colored slides. L. H. Wood. Fernow Hall 122
- Designing, constructing, and improvising furniture.** Sarah Neblett. Van Rensselaer Hall 215
- Managing a Community Meal.** Motion picture in color demonstrating quantity food preparation techniques and suitable equipment. Discussion and question period will follow. Marie Knickrehm. Van Rensselaer Hall Amphitheater
- Today's fabrics: news and prevues.** New fibers and new developments in familiar fibers; how they affect the consumer. Evelyn Stout and Vivian White. Van Rensselaer Hall 117
- Alumnae luncheon: College of Home Economics.** For alumnae, their friends, and faculty of the College. Tickets available Thursday at Noyes Lodge and from officers of Alumnae Association. Noyes Lodge
- 12:15 p.m. **Alumni luncheon.** For alumni, former students, and members of the faculty of the College of Agriculture. Tickets may be purchased in advance at the information desk in Mann Library. They will be available, also, at the door. Memorial Room, Willard Straight Hall

- 12:30 p.m. **New York State Farm Buildings Project semiannual meeting.** Statler Hall
Swine seminar. Herd health and management, current research in the College herds, and recent advances in swine nutrition. S. J. Roberts, W. G. Pond, and B. E. Sheffy.
Wing Hall C
- 12:45 p.m. **Motion pictures of the dairy industry.** Continuous to 1:45 p.m.
Stocking Hall 218
- 1 p.m. **Your State Government's finances.** T. Norman Hurd, director of the New York State budget.
Warren Hall 45
- Concert by the Cornell Women's Glee Club.** James F. Armstrong, director.
Bailey Hall
- Role of hatcheries in fish conservation.** Description of the Cortland federal experimental hatchery, national center of fish nutrition studies. Robert Thoesen, U.S. Fish & Wildlife Service.
Fernow Hall 122
- Semen collection demonstration.** N.Y.A.B.C. Headquarters, Judd Falls Road
- Woodshop class open house.** Continuous to 4:30 p.m. E. W. Foss.
Riley-Robb Hall 70
- Partnerships and farm business arrangements.** Individual conferences, continuous to 3 p.m. Make appointment at Warren Hall information desk. C. A. Bratton, R. S. Smith, and S. W. Warren.
- Stop lightning loss.** Demonstration-lecture. Until 1:30 p.m. L. W. Knapp.
Riley-Robb Hall 125
- Guided tour.** Visits to various laboratories where research is in progress. Animal husbandry staff.
Judging Pavilion
- N.Y.A.B.C. open house.** Continuous to 4 p.m. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. See exhibits, page 26.
N.Y.A.B.C. Headquarters, Judd Falls Road
- Mann Library tour.** Conducted by library staff. Junior and senior high school students and adults invited. Please sign for tour before 1 p.m. at reserve desk on first floor. Group limited to 100 persons. Tour starts from first floor lobby.
- The Medicine Man.** Motion picture with discussion about fact and fallacy in nutrition. Hazel Hauck.
Van Rensselaer Hall 117
- Family life in other lands.** Panel of students from other parts of the world. Kathleen Rhodes, moderator.
Van Rensselaer Hall 121
- Buying rugs and carpets.** Demonstration-discussion with emphasis on quality, construction, cost, use, color, and texture. E. M. von Fromm, Product Information Director, Carpet Institute, Inc., New York.
Van Rensselaer Hall Auditorium
- Be your age attractively.** The psychologist and the clothing specialist look at the woman over 50; the possibilities for maintaining an attractive appearance through the later years of life. Demonstration-lecture. Mrs. Elsie McMurry and Mrs. Mary Ryan.
Van Rensselaer Hall 215
- Meeting of New York State Council of Rural Women.** Adjournment at 4 p.m.
Van Rensselaer Hall 114
- 1:30 p.m. **Consultations with poultrymen on individual problems.** Continuous to 3:45 p.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr.
Veterinary College E113, 115, 117
- Consultations on plant disease problems.** Continuous to 3:30 p.m. Plant pathology staff available for informal visits. Information center, third floor hallway. Elevator service.
Plant Science
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 3 p.m. Elevator service.
Plant Science 342
- Tilt-up concrete construction for farm buildings.** Low-cost construction techniques illustrated with models and slides. Until 2 p.m. H. R. Davis, R. Gibbs, and R. B. Furry.
Riley-Robb Hall 125
- Problems and techniques involved in diagnosing plant diseases.** Demonstration and exhibit continuous to 3 p.m. Elevator service.
Plant Science 342

- Nursery school tour.** Student guides will show the nursery school playrooms and answer questions. Continuous to 3 p.m. **Van Rensselaer Hall G-29**
- 2 p.m. Parlors, pipelines, and milking.** Panel discussion continuous to 4:30 p.m. Ray Albrectsen, moderator. Advances in pipeline equipment—J. C. White. Engineering aspects of milking—G. C. Perry. Economics of pipeline milkers—B. F. Stanton. Milking with pipeline milkers—G. H. Schmidt. I have a herringbone parlor—David Hardie, Tompkins County dairyman. I use a parlor with a stanchion barn—Stanley Chittenden, Columbia County dairyman. **Stocking Hall 218**
- How will vertical integration affect New York farmers?** Panel discussion continuous to 3:30 p.m. G. W. Hedlund, moderator. Edmund H. Fallon, G.L.F., Ithaca; Arthur Stangle, Tioga County farmer; Herbert Runsey, Tobin Packing Co., Rochester; and K. L. Robinson. **Warren Hall 45**
- Producing top yields of high quality forage.** Panel discussion continuous to 3:30 p.m. W. L. Griffeth, moderator. How I grow forage—Clarence Ford, Orange County dairyman, with William S. Pendergast, Orange County agricultural agent, and R. Feuer. How I harvest and store early-cut forage—Harold J. Creal, Cortland County dairyman, with W. K. Kennedy. **Caldwell Hall 100**
- The contribution of the Veterinary College and the profession to public welfare.** Dean W. A. Hagan. **Veterinary College, James Law Auditorium**
- A Way of Life.** New motion picture in color portraying the story of predation. Superb nature photography. Until 2:30 p.m. C. D. MacInnes. **Fernow Hall 122**
- Pin Mold. Allomyces—A Water Mold.** Motion pictures. **Plant Science 336**
- Tour of swine barns and new facilities.** Opportunity to observe experimental work in progress. W. G. Pond, E. A. Pierce, and J. A. Dunn. Transportation provided for those without cars. **Wing Hall, first floor**
- Resilient floor coverings.** Selection in relation to comfort, price, and place of use; installation problems, precautions, and possibilities. Ruby Loper. **Van Rensselaer Hall 215**
- Good food is no accident, either at home or in a hospital.** A look at meal preparation and service in hospitals. Nancy Colburn. **Van Rensselaer Hall 117**
- Have rising prices really hurt you?** Gwen Bymers. **Van Rensselaer Hall 121**
- Rewards of research.** Demonstration-lecture by students. Precision in the laboratory leads to success in the kitchen. Vivian Rainman and Gail Gutekunst. **Van Rensselaer Hall Amphitheater**
- 2:15 p.m. See how and where your veterinarian is trained.** Tours, demonstrations, and exhibits (see page 28) of the Veterinary College conducted by veterinary students with staff cooperation. Continuous to 4:30 p.m. Tours start in lobby of main entrance, east end of Tower Road. **Veterinary College**
- 2:30 p.m. Semen collection demonstration.** N.Y.A.B.C. Headquarters, Judd Falls Road
- 3 p.m. We chose careers in conservation.** A senior, a graduate student, and their faculty adviser discuss professional training in wildlife management at Cornell and career opportunities in this field. G. A. Whitaker, S. S. Peters, and O. H. Hewitt. **Fernow Hall 122**
- Laboratory of Ornithology open house.** Opportunity to tour this unique facility, to hear Cornell bird song records, and to visit the observatory overlooking the waterfowl pond. Continuous to 5 p.m. Laboratory staff. See map, page 16. **Sapsucker Woods Road**
- Mildew Disease of Apple. Life of the Molds.** Motion pictures. **Plant Science 336**
- Palmour Street.** Motion picture and discussion of typical problems of family living. Mrs. Helen Bayer. **Van Rensselaer Hall Auditorium**
- "Fatigue" of homemakers with young children.** Report on recent research. Elizabeth Wiegand. **Van Rensselaer Hall 117**
- It's on the label; what does it mean?** How a knowledge of food processing and additives can help you choose foods more intelligently. Illustrated. Marjorie Burns. **Van Rensselaer Hall 215**

PROGRAM

EXHIBITS, PAGE 24, TOURS, PAGE 29.

FRIDAY, MARCH 27

Unless otherwise indicated, all lectures and demonstrations begin on the hour and continue for 45 minutes, and all speakers and demonstrators are members of the staff of Cornell University.

- 9 a.m. Development of the chick embryo.** Demonstration-exhibit. Repeated every half-hour except 12 m. and 12:30 p.m. **Rice Hall 101**
- Woodduck Ways.** Motion picture in color describing the life history and management of this unusually beautiful waterfowl. D. G. Dodds and F. B. Emerson. **Fernow Hall 122**
- 9:30 a.m. "Atomic energy" in poultry research.** How radioactive materials are used in physiology and nutrition research. Demonstration-exhibit with colored slides. Repeated every hour on the half-hour except 12:30 p.m. **Rice Hall 100**
- 10 a.m. Student livestock show.** Display of dairy cattle, beef cattle, sheep, and swine. Prizes awarded to students with superior skill in fitting and showmanship. Continuous to 12 m. and from 1:30 p.m. to 4:30 p.m. Round-Up Club in charge. **Judging Pavilion**
- Regular student lecture in farm management.** Visitors invited to class. S. W. Warren. **Warren Hall 45**
- Poultry post-mortems.** Demonstration continuous to 11:45 a.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E123**
- New day for Finger Lakes fisheries.** Lake trout and salmon return and rainbow trout introductions succeed. With colored slides. D. A. Webster. **Fernow Hall 122**
- Quality measurement of processed potatoes.** Demonstration continuous to 12 m. O. Smith. **East Roberts Hall 2**
- Christmas tree growers.** New York Christmas Tree Growers Association, Inc., board of directors meeting. **Fernow Hall 207**
- Blindfold or billboard?** Let the label help you choose and use food and laundry products. Elizabeth Wiegand, Mary Wood, C. E. Wright, and Barbara McCandless. **Van Rensselaer Hall 121**
- Tips on sewing techniques.** With colored slides. Margaret Humphrey. **Van Rensselaer Hall 215**
- Nursery school tour.** Ten-minute tours to observe activities of children attending the nursery school. Continuous to 11:45 a.m. Please sign in advance for tour. **Van Rensselaer Hall G-29**
- 10:30 a.m. Problems and techniques involved in diagnosing plant diseases.** Demonstration and exhibit continuous to 12 m. Elevator service. **Plant Science 342**
- Dairy records analysis.** How complete dairy records computed by modern machines aid New York dairymen in improving the breeding, feeding, and management of their dairy herds. Includes a tour of the dairy records processing laboratory. Continuous to 11:45 a.m. H. W. Carter, J. D. Burke, and C. R. Henderson. **Wing Hall A**
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 12 m. Elevator service. **Plant Science 342**
- 11 a.m. Plantation agriculture in Hawaii.** Illustrated. R. D. Miller. **Caldwell Hall 100**
- Let George do it.** Series of motion pictures: Leave it to the Experts; The School and the Community; and A Citizen Participates. **Warren Hall 131**
- Dairy industry; guided tour.** With demonstrations of teaching and research facilities of the dairy industry department. J. C. White. **Stocking Hall 120**
- Regular student lecture in marketing.** Visitors invited to class. L. B. Darrah. **Warren Hall 45**
- Forest plantation management from planting to harvest.** With colored slides. F. E. Winch, Jr. **Fernow Hall 122**

- Do you know your valuable papers?** C. A. Bratton. **Warren Hall 145**
- A chemist in the kitchen.** Demonstration-lecture on the application of chemistry to food preparation. Alice Briant, Nancy Fischer, Helen McDonald, and Grace Steinger. **Van Rensselaer Hall Amphitheater**
- Home furnishings, fabrics, and furniture.** Motion pictures. Barbara Hochgrebe. **Van Rensselaer Hall 117**
- 12 m. A Career in Bacteriology.** Motion pictures. **Stocking Hall 218**
- Bobwhite through the Year.** Motion picture in color on the life history and management of the bobwhite quail. O. H. Hewitt. **Warren Hall 131**
- New developments in farm mechanization and farm buildings.** Motion pictures. E. D. Markwardt. **Riley-Robb Hall 125**
- Hunting and fishing in New York—past, present, and future.** With colored slides. H. B. Brumsted. **Fernow Hall 122**
- 12:45 p.m. Motion pictures of the dairy industry.** Continuous to 1:45 p.m. **Stocking Hall 218**
- 1 p.m. Which fuel for your tractor—diesel, gasoline, or L.P.?** C. W. Terry. **Riley-Robb Hall 125**
- N.Y.A.B.C. open house.** Continuous to 4 p.m. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. See exhibits. page 26. **N.Y.A.B.C. Headquarters, Judd Falls Road**
- Partnerships and farm business arrangements.** Individual conferences, continuous to 3 p.m. Make appointment at Warren Hall information desk. C. A. Bratton, R. S. Smith, and S. W. Warren.
- Duck studies at Delta.** Cooperative research in Manitoba, heart of the continent's waterfowl nesting area. With colored slides. R. E. Phillips. **Fernow Hall 122**
- Semen collection demonstration.** **N.Y.A.B.C. Headquarters, Judd Falls Road**
- 1:30 p.m. Student livestock show.** Display of dairy cattle, beef cattle, sheep, and swine. Prizes awarded to students with superior skill in fitting and showmanship. Continuous to 4:30 p.m. Round-Up Club in charge. **Judging Pavilion**
- Consultations on plant disease problems.** Continuous to 3:30 p.m. Plant pathology staff available for informal visits. Information center, third floor hallway. Elevator service. **Plant Science**
- Consultations with poultrymen on individual problems.** Continuous to 3:45 p.m. P. P. Levine, M. C. Peckham, and W. J. Mathey, Jr. **Veterinary College E113, 115, 117**
- Searching for chemicals toxic to fungi that cause plant disease.** Demonstration continuous to 3 p.m. Elevator service. **Plant Science 342**
- Mann Library tour.** Conducted by library staff. Junior and senior high school students and adults invited. Please sign for tour before 1 p.m. at reserve desk on first floor. Group limited to 100 persons. Tour starts from first floor lobby.
- 2 p.m. A Way of Life.** New motion picture in color portraying the story of predation. Superb nature photography. Until 2:30 p.m. C. D. MacInnes. **Fernow Hall 122**
- Mildew Disease of Apple.** Life of the Molds. Motion pictures. **Plant Science 336**
- 2:30 p.m. Semen collection demonstration.** **N.Y.A.B.C. Headquarters, Judd Falls Road**
- 3 p.m. The muskrat.** Life history facts that aid in its control in farm ponds. With colored slides. H. R. Erickson. **Fernow Hall 122**
- Laboratory of Ornithology open house.** Opportunity to tour this unique facility, to hear Cornell bird song records, and to visit the observatory overlooking the waterfowl pond. Continuous to 5 p.m. Laboratory staff. See map, page 16. **Sapsucker Woods Road**
- Pin Mold. Allomyces—A Water Mold.** Motion pictures. **Plant Science 336**
- 4 p.m. The Great Adventure.** Prize-winning motion picture produced in Sweden. Widely acclaimed as a masterpiece of nature photography. Continuous to 5:20 p.m. **Van Rensselaer Hall Auditorium**

EXHIBITS

All exhibits are open from 9 a.m. to 5 p.m. daily unless otherwise stated.

COLLEGE OF AGRICULTURE

Agricultural Economics. Warren Hall.

A look at research in progress, showing how economic research studies are made and how they are used in solving agricultural problems. Electronic equipment used in studies will be demonstrated. Examples of research in farm management, marketing, land economics, public finance, and related fields are on display. H. E. Conklin, D. C. Goodrich, and A. D. Jeffrey, committee in charge. **Rooms 101 and 160.**

Agricultural Engineering. Riley-Robb Hall. Directory of exhibits, first floor lounge.

Agricultural engineers build for today and plan for tomorrow. **First floor lounge.**

Farm operations and equipment for the future. R. B. Furry, G. E. Rehkugler, and W. W. Gunkel. **First floor lounge.**

Milk house designed to meet bulk milk cooler requirements. Features an electrical wiring panel, water heater, and a bulk milk cooler in a cut-away milk house. G. C. Perry, C. N. Turner, and D. C. Ludington. **Room 42.**

A major cause of road breakup. Demonstration. O. K. Dart and J. W. Spencer. **Room 40.**

Priorities for local and rural road improvements. Six-panel display illustrating important points of an extension short course. O. K. Dart and J. W. Spencer. **Basement hall, center section.**

Trussed rafter roof framing. Fabrication, erection, and strength characteristics of different types of roof trusses. Illustrates their use in clear-span farm buildings. R. B. Furry, L. L. Boyd, and J. W. Layer. **Room 40.**

Plastic films used on today's farm. A display of many of the available types of plastic films and sheets. R. B. Furry. **Room 10.**

Farm use of wood by-products. Use of wood chips, wood fibers, and pine thinnings. E. W. Foss. **Room 70.**

How to select welding equipment for a farm shop. Selection and use of oxyacetylene and electric arc welding equipment for a farm shop. F. G. Lechner. **Room 64.**

Soil and water use and control. How agricultural engineers bridge the gap between engineering and agronomic use requirements. R. N. Fenzl and C. D. Busch. **Room 72.**

Dynamometer for testing engines and field machinery. C. W. Terry. **Room 74.**

Strawberry mechanization. An experimental rotary strawberry runner cutter. C. S. Winkelblech. **Room 74.**

Farm tractors and machinery. W. F. Millier and C. W. Terry. **Room 74.**

Electronic tractor operator. Exhibit and demonstration of a tractor equipped with an electronic control to guide the tractor when cultivating row crops. C. W. Terry and W. W. Gunkel. **Room 74 and Courtyard.**

Air-conditioned comfort. Combine equipped with an air-conditioned cab for the operator's comfort. G. E. Rehkugler and W. W. Gunkel. **Room 74.**

Skyhook. An experimental machine designed to provide an economical means of air-lifting equipment and supplies, such as moving irrigation pipe, spraying, and dusting. G. E. Rehkugler and W. W. Gunkel. **Room 74.**

Material handling know-how. Full-scale equipment for handling grain, together with a cost and performance comparison of bucket, chain-flight, auger, belt, and pneumatic conveyors. New and modified equipment for handling loose, chopped, and pelletized hay; includes conveyors and mow distributors. W. F. Millier, D. C. Ludington, and G. E. Rehkugler. **Room 74.**

Bulk bins for dairy and poultry feed. Models of different types of labor-saving feed bins that can be built on the farm of wood. H. R. Davis and R. B. Furry. **Room 74.**

Inflatable-type buildings. Plastic structures for farm use. R. B. Furry. **Courtyard.**

Agronomy. Caldwell Hall. Room 143.

The earth, freak in space. Most heavenly bodies known to man are seething fireballs or barren clinkers lost in space. Earth differs from these only because its surface is covered with a pitifully thin layer of air, soil, and water. If primitive life was first sustained by the sea, higher plants, animals, and man evolved on the soil. Why does soil make earth a freak in space?

Animal Husbandry. Judging Pavilion. 9 a.m. to 4:30 p.m. Monday through Thursday and 7 p.m. to 9 p.m. Tuesday. Animal husbandry specialists in attendance.

Influence of level of nutrition in early life on performance of mature cows. J. K. Loosli and J. T. Reid.

Pelleting and wafering hay for beef cattle. J. I. Miller, R. L. Park, and M. V. Wallentine.

Early-cut forages make the difference. Results of feeding trials with farm animals using roughages harvested at different periods of the haying season. K. L. Turk, G. W. Trimberger, J. T. Reid, S. T. Slack, and J. C. Egermeier.

Practical problems in reproduction. Some of the bases for practical recommendations pertaining to reproduction problems. H. J. Bearden, R. W. Bratton, D. R. Lang, K. R. Simmons, and R. E. Staples.

Meat exhibits. Economy meat meals and steps in freezing meat. G. H. Wellington, J. R. Stouffer, and G. P. Lynch.

Roughage quality for fattening lambs. Results of recent research with fattening lambs designed to determine the effect and importance of roughages harvested at different periods of the haying season. D. E. Hogue, J. R. Jones, and W. F. Brannon.

Marketing hogs by grade. Compares live hogs and cut-out yields illustrating the relative value of each grade. E. A. Pierce, W. G. Pond, M. D. Lacy, and W. F. Brannon.

Art Exhibits. Andrew Dickson White Museum of Art. Open 12 m. to 5 p.m. Tuesday through Friday. Corner of Tower Road and East Avenue.

Trompe L'oeil, illusionistic paintings. History of glass, on loan from the Corning Museum of Glass.

Botany. Plant Science.

Fossil plants from New York State. Collection of 300,000,000 year-old plants from various localities in the state. H. P. Banks. Display case outside **Room 207**.

Seaweeds and their unsuspected uses. Specimens and products showing that certain marine algae serve as the source of materials used daily by millions of persons. J. M. Kingsbury. **Room 203**.

Conservation.

Cornell's Arnot Forest experimental maple sirup operation. Opportunity to inspect new methods of collecting maple sap with plastic gathering lines; to see a modern pole-type sap house; and to see the evaporation process (check in Fernow Hall, Room 212, to determine if it is in operation). 8 a.m. to 5 p.m. **Arnot Forest** is 18 miles (30 minutes' driving time) from campus. See map, page 21. R. R. Morrow, A. Fontana, and G. R. Cunningham.

Predation: a way of life. Live-animal exhibit highlighting predation as a vital process in the animal world. Cornell Conservation Club. **Fernow Hall. Room 14**.

Natural resources for tomorrow. L. S. Hamilton. **Fernow Hall. First floor hallway.**

Birds of farm and woodland. **Fernow Hall. Second floor hallway.**

Animal control in farm and forest. New methods in wildlife damage control, featuring the control of blackbirds. W. R. Eadie, J. W. Caslick, and H. R. Erickson. **Fernow Hall. Room 210**.

Maple sirup production in New York. Plastic gathering lines and modern methods of packaging and marketing maple products. F. E. Winch, Jr. and G. R. Cunningham. **Fernow Hall. Room 212**.

Dairy Industry. Stocking Hall.

Science in the dairy industry. **Lobby.**

A career for you in bacteriology. **Lobby.**

Milk harvesting equipment. Market milk laboratory.

Milk and ice cream processing. 8 a.m. to 12 m. Dairy industry department milk plant.

Entomology. Comstock Hall. Room 145 and first floor hallway.

Insect friends and enemies. During recent years man has eradicated undesirable insects from several areas in the world. Techniques for mass eradication are improving. A special exhibit illustrates the success in this field. An attendant is present to answer questions or to direct visitors to specialists in the department.

Floriculture.

Philodendrons and related aroids. Display of flowering and foliage plants for use in the home. *Orchids and other tropical plants.* (No sales.) 10:30 a.m. to 4 p.m. **Plant Science Conservatory.**

Research work on propagation of nursery crops, production of potted plants and cut flowers. Roses, carnations, lilies, chrysanthemums, gloxinias, and geraniums can be seen under various experimental projects. Self-tour information available. 10 a.m. to 3 p.m. **Floriculture experimental greenhouse. Tower Road, east of Judd Falls Road.**

Albert R. Mann Library. First floor, main foyer.

The State Colleges at Cornell—partners with the people of the state for better living. Shows the over-all work of the Colleges in research, extension, and resident teaching.

New York Artificial Breeders' Cooperative, Inc., Judd Falls Road. 1 p.m. to 4 p.m.

Open house. See the N.Y.A.B.C. sires, barns, laboratory, and frozen semen facilities. Exhibits on breeding program, semen-handling techniques, career opportunities, and latest research developments. Informal discussion. Contests and prizes for F.F.A. and 4-H Club members and for N.Y.A.B.C. members at 1 p.m. and 2:30 p.m. C. F. Denniston and R. E. Shaw.

Plant Breeding. Plant Science. Room 146.

Research accomplishments in the development of new field and vegetable crops. Phases of the breeding program, including winter hardiness studies with cereals; the development of Avon, a new winter wheat variety; corn pollen studies; grass and legume improvement research; and advances in the potato program. Staff members available for consultation.

Plant Pathology.

Teaching plant pathology, a biological science vital to modern agriculture. Mann Library. Farm and Home Week Headquarters.

These displays and demonstrations are indicative of the many ramifications of plant pathology, a biological science serving human welfare: *Indexing plants for disease control. Plant pathogenic nematodes and their effects on plants. Incorporation of fungicides in soil. Use of color photography to illustrate symptoms of plant disease. Antagonisms among micro-organisms. Decay in trees. Onion disease control. Breeding for disease resistance in the potato. Problems and techniques involved in diagnosing plant diseases.* Elevator service. **Plant Science. Room 342 and third floor hallway.**

Pomology. Plant Science. Room 107.

Display of apple varieties. Includes those of commercial importance, red mutations of certain varieties, some of the old varieties that were once common, and recently introduced varieties.

Research in the origination of new varieties. Essential steps in mass breeding, selections made on the basis of genetic make-up, and varietal improvement by mutations.

Collection of filberts, resulting from the nut breeding project, grown by the New York State Agricultural Experiment Station at Geneva.

Illustrations of dwarf trees suitable for the home fruit planting.

Exhibits prepared in cooperation with the Geneva Experiment Station. A staff member is in attendance.

Poultry Husbandry. Rice Hall.

"Atomic energy" in poultry research. Diagrams, apparatus, colored slides, and live chickens illustrate the use of radioactive materials in physiology and nutrition research. **Room 100.**

Chick-o-rama. Chicks will be hatching continually. Visitors might like to identify different breeds of baby chicks and watch the development of the chick embryo. **Room 101.**

There's a job for you. Job opportunities in the poultry industry. **Center entrance, first floor.**

Publications.

Extension bulletins are available in the mailing room in the basement of Stone Hall.

Rural Education. Warren Hall. Room 132.

Cornell trains teachers of agriculture. Division of agricultural education.

Good books for young children. Division of educational psychology.

Rural Sociology. Warren Hall.

The rural sociology department. **Room 131.**

Your Social Security—are you informed? **Room 14.**

The "young at heart" lead the way. Working demonstrations by the Salvation Army Golden Age Clubs of Ithaca. **Room 37.**

Pioneering their way. Working demonstrations by the Senior Citizens of Tompkins County. **Room 14.**

Vegetable Crops. Plant Science. Room 37.

Water and vegetables. Soil moisture and root growth. Soil moisture and vegetable seed germination. Soil moisture and chemical weed control. Soil moisture use from field capacity to wilting point. Growing plants in absence of soil. Hardening tomato plants.

**COLLEGE OF HOME ECONOMICS,
MARTHA VAN RENSSELAER HALL.**

Books and toys for young children. Ruth Amsden, Mrs. Jennifer Birckmayer, and students. **Green Room.**

Methods of testing kitchen plans. Devices used by families and classes. Leola Cooper and Kathryn Walker. **Room G-20.**

Are you up-to-date on materials and equipment? Selection and care of some of the newer materials and equipment. Elizabeth Wiegand and Jane Heath. **Room G-19.**

Nutrition up-to-date—up to you. Essentials of an adequate diet illustrated with food and charts. Mildred Dunn and Theresa Wood. **Room 301.**

Meditations on teaching. Emphasizes what the homemaking teacher does, how she prepares for teaching, and opportunities open to her. Sara Blackwell and Mrs. Helen Nelson. **Room 284.**

Design—wood. From American Craftsmen Council.

Art Gallery

Rug making. Hooked rugs for different types of rooms, working sketches, color schemes, textures, and materials. Loaned by G. J. Wells, New York, designer of rugs. **Green Room.**

School lunch materials. Display of material for parents and teachers to help interpret the educational and health values of the school lunch. Alice Burgoin. **Room 284.**

Student work: design and color in apparel. **Room 216.**

VETERINARY COLLEGE, EAST END OF TOWER ROAD

These exhibits and demonstrations are open daily only in conjunction with the tours scheduled at 2:15 p.m. Tuesday and Thursday, and at 7:45 p.m. Wednesday.

Anatomy.

There are more parts to an animal than meet the eye. Live animal anatomy, skeletal displays and stained bones, and animal dissections.

Physiology.

Amplification of heart sounds. A cow with the heart in the neck.

Diagnostic Laboratory.

Rabies diagnosis.

Pathology.

The veterinarian's role in public health. Preparation of specimens for microscopic examination. Autopsies on domestic animals.

Large Animal Hospital.

Restraining a cow for field surgery. Putting a horse on the operating table. Exhibit of large animal restraint. Equipment and surgical instruments. Hardware operation on a cow.

Small Animal Hospital.

Blood transfusion equipment and techniques. X-ray diagnosis. Skin diseases.

Ambulatory Clinic.

A clinic on wheels. Display of drugs, instruments, and equipment carried in a veterinarian's car.

Mastitis Laboratory.

It takes more than treatment to control mastitis. Laboratory diagnosis of mastitis.



TOURS

Albert R. Mann Library. Junior and senior high school pupils and adults are invited on the 45-minute tours conducted by the library staff at 1 p.m. Please sign for tours before 1 p.m. at the reserve desk on first floor. Each tour limited to 100 persons. Groups leave from first floor lobby.

Nursery School. Ten-minute tours to observe the activities of children attending the nursery school. Please sign for tours in advance in Martha Van Rensselaer Hall, Room G-29. Tuesday, Wednesday, Thursday, and Friday from 10 a.m. to 11:45 a.m. A student will guide visitors through the nursery school playrooms and answer questions. Tuesday and Thursday 1:30 p.m. to 3 p.m. and Monday and Wednesday 1:30 p.m. to 4 p.m. Room G-29.

Veterinary College. Tours of the new buildings conducted by veterinary students at 3 p.m. Monday and Wednesday. Tours at 2:15 p.m. Tuesday and Thursday and 7:45 p.m. Wednesday include demonstrations and exhibits. All tours start from lobby of main entrance, east end of Tower Road.

Dairy Industry. Guided tours with demonstrations of teaching and research facilities of the department. Tours start from Stocking Hall, Room 120, at 11 a.m.

Animal Husbandry. Guided tours through various laboratories where research is in progress. Tours start in Judging Pavilion at 1 p.m. Monday through Thursday. Tours of barns: beef cattle, 1 p.m. Tuesday; sheep, 10:30 a.m. Wednesday; and swine, 2 p.m. Thursday.

SPECIAL ANNOUNCEMENTS

Admissions Counseling Service. High school students, parents, and school personnel are invited to discuss preparation for and admission to the College of Agriculture. Call at the Office of Resident Instruction, Roberts Hall 192 or 195, or visit with a representative of that office stationed at Farm and Home Week Headquarters, Mann Library.

Vo-Ag Counseling. Members of the agricultural education staff of the rural education department are available to confer with teachers, parents, and boys interested in gaining information on teaching vocational agriculture. Stone Hall 201.

Student Help on Farms. Farmers who would like students to work on their farms during the summer may make application for such help at the Student Practice Office, Room 163, Roberts Hall.

Visit Student Classes. Most of the regular student classes are held during Farm and Home Week. All agricultural engineering classes in Riley-Robb Hall are open to visitors. Information about classes in home economics is available in the foyer of Martha Van Rensselaer Hall. See daily program for other classes open to visitors.

Cornell child, adolescent, and adult study clubs and family life discussion groups. All study-club members and family-life leaders are invited to sign the visitors' list in this room. Suggestions for programs are available. Van Rensselaer Hall G-27.

Corsage Bar. Floriculture students sell corsages each day from 12 m. to 5 p.m. Plant Science 22.

Evaluation of Farm Business. Designed especially for students of vocational agriculture. Practice in analyzing a farm business, locating the strong and weak points, and evaluating alternatives to improve the business. Appointments Monday through Friday, to be made in advance. G. J. Conneman and C. W. Loomis. Warren Hall 31.

Hay Judging and Plant Identification. (For Vo-Ag students.) The forage plants will include the more commonly grown annual, biennial, and perennial grasses and legumes. Hay judging options will be one class of timothy samples or one class of clover samples. Monday, Wednesday, and Friday. Participation by appointment only. H. B. Hartwig and R. R. Seaney. Caldwell Hall 250.

High School Natural Science Program. The high school natural science program will bring between 1500 and 2000 high school students to the campus to attend a series of lectures and demonstrations designed to foster their interest in the natural world about them. Subjects covered range widely in the physical and biological sciences—from adsorption as the physical basis of chromatography and radioactive isotopes as tools of the biologist to inheritance of biochemical mutants in fungi and the hormonal basis of mammalian reproduction. In addition, students will have the opportunity to talk informally with specialists in many biological science fields about careers and educational requirements. Invitations have been directed to principals and science teachers in all the public and private high schools of the state.

Alumnae Luncheon. For alumnae, their friends, and faculty of the College of Home Economics, Thursday, March 26, at 12 m. at Noyes Lodge. Tickets will be available Thursday at Noyes Lodge and from officers of the Alumnae Association.

Alumni Luncheon. Former students, alumni, and members of the faculty of the College of Agriculture are invited to a luncheon meeting, Thursday, March 26, at 12:15 p.m. in Memorial Room, Willard Straight Hall. Tickets may be purchased in advance at the information desk in Mann Library, but they will be available, also, at the door.

Russian Agriculture. Much has been heard of Russian progress in conquering outer space, but what of their agriculture? Dr. Marlin G. Cline, a soil scientist on the staff of the College of Agriculture, with six other American scientists visited Russia last summer. He will share his observations of farms and experimental stations with Farm and Home Week guests in Bailey Hall, Tuesday, March 24 at 2 p.m.

Music. Cornell student musical groups will present special concerts Tuesday, Wednesday, and Thursday at 1 p.m. and Tuesday and Wednesday evenings at 8:15 in Bailey Hall. See the daily program for details.

Registration. It is most helpful to the several committees that plan Farm and Home Week to know who attends, where they live, and something about their vocations. Please fill out a registration card at one of the booths conveniently located in Martha Van Rensselaer Hall, Mann Library, and the Judging Pavilion.

Rural Church Day—Wednesday. Warren Hall Seminar unless indicated otherwise.

10 a.m. Morning devotions.

10:15 a.m. Address: The urbanization of rural life and its implication for the town and country church. W. W. Reeder.

10:50 a.m. Song period.

11 a.m. Question-and-answer period.

12:15 p.m. Luncheon served. Anabel Taylor Hall.

2 p.m. Examination of exhibits. Consultants available. Warren Hall 260.

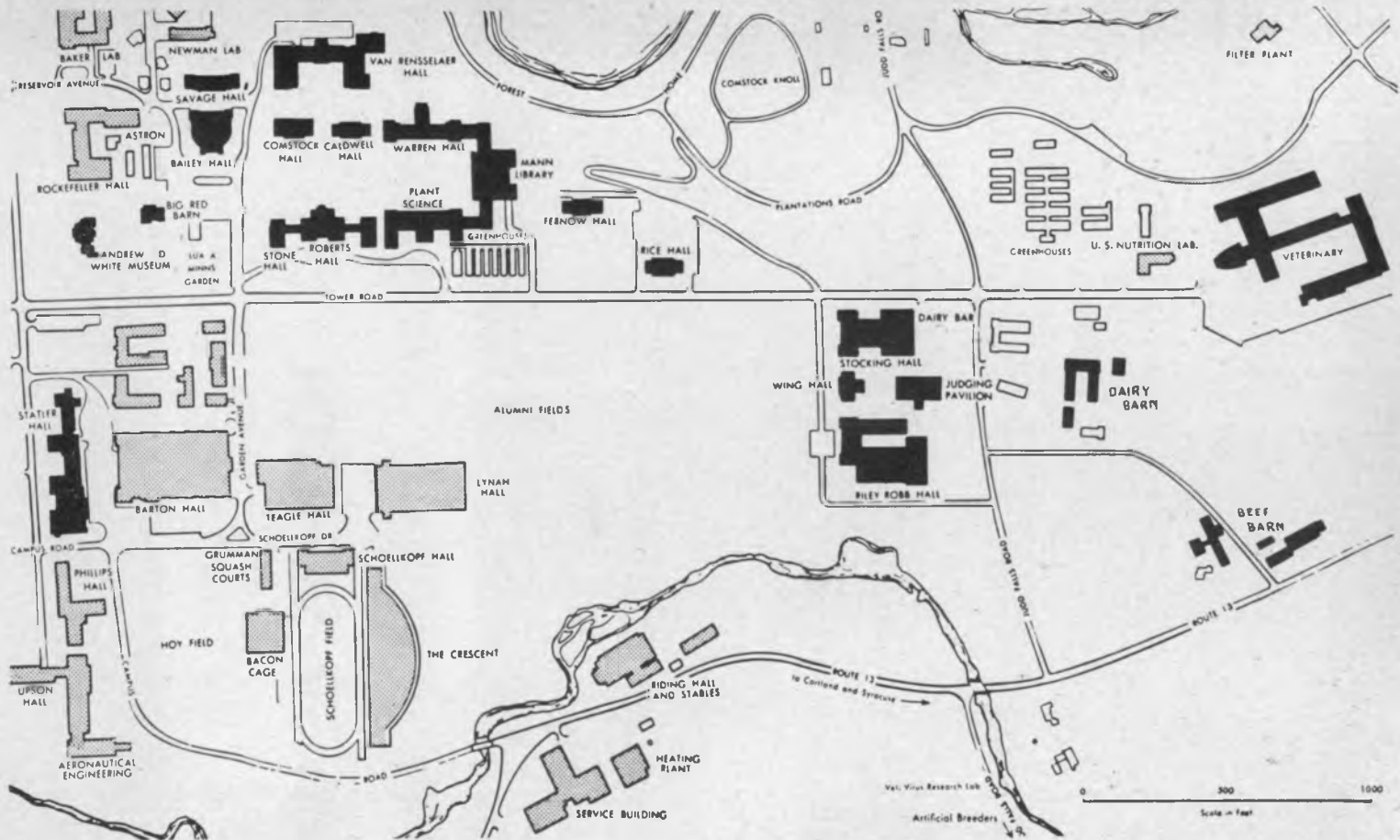
3 p.m. Panel discussion: Revitalization of the town and country church.

3:40 p.m. Question-and-answer period.

Exhibits on display 9 a.m. to 4:30 p.m. Warren Hall 260.

Conservation Day—Wednesday. A day full of events centering around wildlife management and farm forestry concluding with a talk by Ross Leffler, Assistant Secretary, U.S. Department of the Interior, Washington, D.C.

Swimming Meet. National collegiate swimming championships, Thursday and Friday, afternoon and evening. Teagle Hall. Admission charged.



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State Colleges Section of Cornell University Campus