

Summer Session Expands Offerings

"We've put less emphasis on summer school as a remedial kind of thing," Martin W. Sampson, director of the Cornell Summer Session, said.

"We try to serve the needs of special interest groups with special programs," he said.

Cornell's expanded summer session program is more than half over, and an extremely diverse group of people have participated. The University has offered various programs appealing to everyone from returning alumni, ambitious school teachers and artists, to advanced high school students and engineers, in addition to those who desire the more traditional programs.

The Summer Session offers two regular programs — a six-week and an eight-week "semester." As at many other universities across the country, enrollment in these types of courses has dropped somewhat over the last few years.

Regular University courses, ranging from biology through French to government are offered, with students often doing a full year's work and earning two semesters' credit in six weeks — which often means long hours in the lab and lecture hall.

The eight-week session largely offers courses from the College of Engineering.

Altogether, some 870 students are enrolled in these sessions, a drop of some ten per cent from *Continued on Page 15*

In the Good Old Wintertime...



THAT WAS THE WAY IT WAS — Way back in December when the underground Campus Store was completely camouflaged by the Blizzard of '69, which closed Tompkins County roads to all traffic for three days. The same area now is covered with sod, "keep off the grass" signs and 90 degree temperatures. Ithaca weather is not known for its moderation.

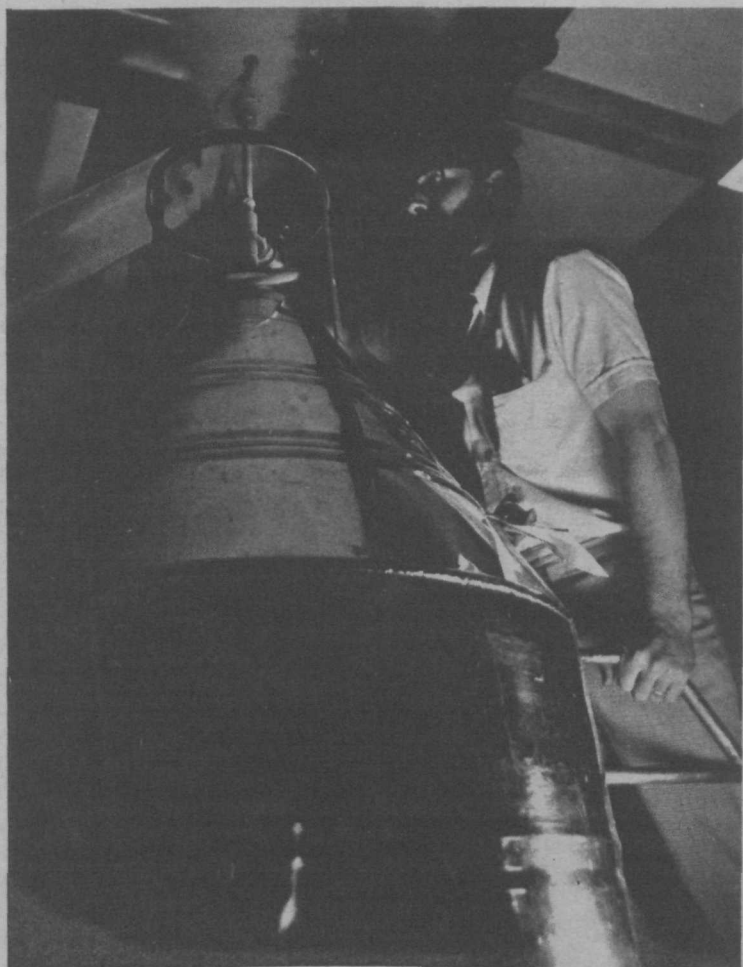
Deep Freeze

Physicists Seek Absolute Zero

While most Ithacans are sweltering in this week's humid heat wave, a few Cornell physicists are exploring a world where things are as cold as they can possibly get.

The bizarre world of absolute zero exists, artificially, in a special laboratory in Clark Hall. While it may be 90 degrees outside, it is, or is near, 459.69 Fahrenheit degrees below zero inside the scientists' super-freezer — called a cryostat.

A team of Cornell scientists are trying to find out more about what happens at absolute zero — a state in which no heat-causing molecular motion exists.



ENVIABLE POSITION — These hot humid days far above the waters of Cayuga Lake find physics research assistant William P. Halperin in the cold world of a special Clark Hall laboratory where a scientific team seeks to understand what happens near absolute zero. Here Halperin transfers liquid helium which is used in the experiments.

They include: Robert C. Richardson, assistant professor; David M. Lee, professor; and John Reppy, professor; all of the physics department.

At minus 459.69 degrees Fahrenheit, the conventional laws of physics seem to be defied, and strange, unfamiliar phenomena occur. The air becomes solid and looks like white sand, while friction almost disappears. At that temperature, even the tiny amount of heat generated by an insect waving its feelers would spoil an experiment.

To get the temperature down to that low level, the scientists use liquid helium as a "coolant."

"Liquid helium has peculiar properties at low temperatures," Richardson said. "If one understands these peculiarities, one could learn a great deal more about physical properties of other matter."

Helium is the only known substance that cannot be frozen solid — even at absolute zero. However, it can be pressed into a solid state at near absolute zero temperatures. At these low temperatures, helium does something no other substance is known to do. It becomes a superfluid, a fluid capable of flowing without friction.

Continued on Page 15



CORNELL CHRONICLE

The official weekly of record for Cornell University

Vol. 1 No. 35

Thursday, July 30, 1970

Cornell Fund Tops Four Million Mark

The Cornell Fund, the University's alumni and annual-giving campaign for 1969-70, has completed its year with a grand total of \$4,005,164, an increase of 60 per cent over last year's previous record total of \$2,527,644.

The increase came about through gifts of \$3,005,164 from nearly 28,000 alumni, up approximately 2,000 from last year's 25,857 donors, and a \$1 million "challenge grant" from an anonymous graduate, according to Gilbert H. Wehmann of New York City, national chairman of the Fund.

Success of the Fund campaign in reaching \$3 million in alumni gifts, which already represents an increase of \$500,000 or 20 per cent over the preceding year, and qualifying for the additional \$1 million challenge gift, is the result of work by some 4,000 Fund workers across the country. The final push came from a small group of dedicated alumni who worked to raise the last \$100,000 in the two weeks before the June 30 deadline, Wehmann said.

The challenge grant was announced last fall, when the anonymous donor said any increased gift of new gift would be matched, and that if the Fund reached \$3 million, the entire extra \$1 million would be contributed.

The Fund includes only unrestricted, individual alumni gifts for the operation of the University, and does not include gifts for buildings or other restricted purposes.

Wehmann, senior partner of White, Weld & Co., New York City investment firm, said the Cornell achievement is in contrast to many other universities where both total funds and numbers of donors to

Continued on Page 15

Chronicle Capsule

INDEX of Volume 1 of the Cornell Chronicle. Pages 5-11

ANDREW D. White Professors-at-Large Report. Page 4

CROAKING FROGS may be doing more than just making noise. Page 3

ALUMNI UNIVERSITY—a Chronicle photofeature. Page 13

LETTERS to the Chronicle. Page 14

This issue is the final one in Volume 1 of Cornell Chronicle. A complete index of Volume 1 appears on Pages 5-11. Publication of Cornell Chronicle will resume September 3.

Trustees Approve New Parking Regulations

New campus parking regulations will go into effect at Cornell this fall as scheduled, as a result of a meeting of the Executive Committee of the University Board of Trustees in New York City July 21.

A copy of a resolution by the University Faculty, enacted at a June 10 Faculty meeting, was presented to the committee.

The Faculty had asked that "regulations of the Board on Traffic Control relating to the charging of parking fees be set aside until a more equitable and helpful scheme can be brought to the Faculty of the University for its approval."

The Executive Committee took no action on the Faculty request, which means that the action of the Board of Trustees on May 12 establishing the fee schedule for parking on the central campus, and new traffic patterns to keep unauthorized traffic out of that area, will go into effect in September as planned.

Keeton and Gaylor Named Chairmen

Two faculty members have been appointed department chairmen by the Board of Trustees in the University's Division of Biological Sciences.

William T. Keeton, professor of biology, has been named chairman of the Section on Neurobiology and Behavior, in the Division of Biological Sciences.

He succeeds Richard D. O'Brien, who became director of the Division July 1. Keeton's appointment is effective immediately and is for a five-year term.

James L. Gaylor, a member of the Cornell faculty since 1960, has been named chairman of the Section of Biochemistry and Molecular Biology in the Division of Biological Sciences.

He was named to a five-year term by the Executive Committee of the University's Board of Trustees. Gaylor succeeds Efraim Racker, the Albert Einstein Professor of Biochemistry and chairman of the section since joining the Cornell faculty in 1966.

An authority on systematic, evolutionary and behavioral biology, Keeton joined the Cornell faculty in 1958. He is the author of a widely used college textbook, "Biological Sciences," published in 1967 by W. W. Norton and Co.

Keeton received the bachelor of arts degree from the University of Chicago in 1952, the bachelor of science degree from Chicago in 1954, the master of science degree from Virginia Polytechnic Institute in 1956, and the doctor of philosophy degree from Cornell in 1958.

He has been consultant on advanced placement biology courses and consultant on medical scholarship examinations for the New York State Education Department. He has been a member of the executive committee of the Division of Biological Sciences at Cornell since 1964 and was chairman of the curriculum committee of that division from 1964 to 1965.

An authority on the

biosynthesis of cholesterol and the metabolism of drugs and toxic compounds, Gaylor joined the Cornell faculty after receiving his doctor of philosophy degree in biochemistry from the University of Wisconsin in 1960. He was graduated from Iowa State University in 1956 with a bachelor of science degree.



WILLIAM T. KEETON
Neurobiology Chairman

Students to Participate In Food Science Congress

Students will participate in the Third International Congress of Food Science and Technology, to be held August 9-14 in Washington, D.C., at the suggestion of the Department of Food Science, at the New York State College of Agriculture at Cornell.

This is the first time students have been sought to take part in the Congress.

Called "SOS/70," the Congress will stress the need for international cooperation by governments, industries and individuals in increasing the world's food production and improving the nutritional value of food. The fact that "SOS" stands for "Science of Survival" dramatizes the pressing nature of the need for more food.

According to Paul A. Buck, associate professor in the College's Food Science Department, when Cornell suggested the importance of having students attend the Congress, Richard L. Hall, chairman of the SOS/70 executive board, liked the idea and appointed a sub-committee consisting of Cornell faculty members to make the idea a reality.

In addition to Buck, who serves the sub-committee as chairman, the Cornell group includes Robert F. Holland and Frank F. Kosikowski, professors of food science, and Robert C. Baker, director of the Institute of Food Science and Marketing. Other members are Andre G. van Veen of the Graduate School of Nutrition at Cornell, Kenneth L. Turk, director of International Agricultural Development, and two representatives from the New York State Agricultural

Alumni News, Editor Win Publishing Honors

The Cornell Alumni News and its editor have won honors in alumni publishing for their coverage and analysis of conflict between militants and Cornell University.

The alumni-owned magazine won six awards in the 1969-70 competition of the American Alumni Council (AAC), including special recognition for its June, 1969 issue reporting the week in April, 1969 following occupation of Willard Straight Hall by black students.

Editor John Marcham was named top editorial writer for the second time in three years. His entries included a study of university response to militants and a lengthy analysis of the events of the spring of 1969.

In competition among 500 alumni magazines from the United States and Canada, the News was named to the "Top Ten" for the first time in its 70-year history. It tied with the magazines of Harvard, Yale, and

Continued on Page 11

Construction Starts On 'Jughandle'

Construction has begun on the new "jughandle" intersection at Judd Falls and Plantations Road.

Due to the construction, which began yesterday, Judd Falls Road is closed to traffic between Tower Road and Forest Home Drive.

James D. Parkes, assistant University planning officer, said Judd Falls Road is scheduled to be reopened to traffic the first week in September, although final surfacing and curbing by the Tompkins County Highway Department may not be completed until later in the fall.

Hayes Appointed Assistant Med Dean

Dr. Arthur H. Hayes, Jr. has been appointed assistant dean of Cornell University Medical College in New York City. He will head the newly created Office of Academic Programs, and will be responsible for the implementation of the new first year curriculum and its subsequent evaluation.

In addition, he will play a key role in reviewing the curricula of the second, third, and fourth years, and in implementing any changes which the faculty may ultimately adopt for these courses of study.

The establishment of the Office of Academic Programs was one of the innovations proposed by the Committee for Academic Programs after an intensive eight-month study which evaluated the entire teaching program and the relationship of the administrative organization of the Medical College to teaching effectiveness. All of the recommendations submitted by the Committee were approved by the Medical College's Basic and Clinical Science Faculty Councils and Executive Faculty.

Responsibilities of the new Office include helping in the operation of the elective and advisory program, aiding in the

The new intersection is part of the University's "loop road" system around the main campus, so that the central campus can be closed off to through traffic. The "jughandle" project is being undertaken jointly by the University and the County.

In another move aimed at moving traffic around the campus, a new surface has been applied to Caldwell Road and it is open to traffic. Caldwell Road runs from Route 366 near the Guterman Bioclimatic Laboratories to the Forest Home area passing behind the Veterinary College and past the filter plant.

coordination of teaching efforts among departments, organizing a faculty-student evaluation of the new curriculum, and assisting departments to increase the effectiveness of their teaching.

A former Rhodes Scholar, Dr. Hayes holds a master of arts degree in political economy from Oxford University. He received his undergraduate training at the University of Santa Clara, and his professional training at Georgetown Medical School and Cornell University Medical College. He was graduated from Cornell in 1964. While a student, Dr. Hayes was elected to membership in Alpha Omega Alpha, the national medical honor society, and was named the recipient of the Good Physician Award.

After completing his first two years of medicine at Georgetown, and prior to completing the last two at Cornell, Dr. Hayes spent two years in graduate work in pharmacology under Dr. Walter F. Riker, Jr., professor and chairman of the Department of Pharmacology at Cornell Medical College.

From 1964 to 1965, Dr. Hayes served an internship in medicine at the New York Hospital. He then entered the Army, and was stationed at Edgewood Arsenal, Maryland, where he served as Chief of the Clinical Investigation Branch of the Clinical Research Department, Medical Research Laboratories. In 1967, he returned to the New York Hospital-Cornell Medical Center to complete residency work and in 1968, he was named assistant professor of medicine and assistant professor of pharmacology at Cornell Medical College, and assistant attending physician at the New York Hospital. He is also Chief of the Cardiac Pacemaker Clinic at the Hospital.

Dr. Hayes' specific research interests include the effects of atropine drugs on the heart, the human pharmacology of cardiac antiarrhythmic drugs, and various aspects of the pharmacology of the cardiac glycosides.

Outstanding Cornell Service



MAIL FEMALES—The new U.S. Post Office substation in Barnes Hall has opened for business. University mail employees Mrs. Mary A. Swader (left) and Miss Margaret A. Darchangelo (right) will man substation. Summer hours are 8 a.m. to 5 p.m. Monday-Friday, closed Saturday and Sunday. The postal substation is the first facility finished for occupancy under the plan for renovation of the interior of Barnes Hall.



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Conservation Programs Motivate Teachers

Conservation workshops for teachers, such as the five-day Cornell Conservation Workshop now in session at Arnot Forest may make teachers more strongly conservation motivated, according to a study being made by Christopher White, a Cornell University graduate student.

As part of the study, a questionnaire was sent to three groups of people: a random group of teachers, a selected group of teachers who have been involved in conservation workshops, and members of the Sierra Club, an active conservationist club.

It was found that the attitude of the teachers who have attended workshops comes

closer to the attitude of the militant conservationists than to the attitude of an average teacher.

Whether the attitude is one which the teacher had before the workshop, or whether it is an attitude he gained because of the workshop has not yet been determined.

As an extension of his study in the fall, White will poll the teachers attending this summer's Arnot Forest Workshop, which ends tomorrow, to see how attendance at the workshop has affected their teaching techniques.

According to White, a graduate fellow in conservation education at the New York State College of Agriculture, the most important aspect of conservation workshops for teachers is what they learn that can be used in teaching.

White further believes that the best education in conservation comes when classes are conducted outdoors as well as indoors. And conservation education should not stop with a science class any more than it stops with a classroom's walls.

"Conservation should permeate the whole curriculum," White says. "Most people go through life wearing blinders. They should learn to see, hear, feel, smell, and taste what is around them."

The Cornell Conservation Workshop at Arnot Forest, which is being directed this year by Alex Dickson, associate professor of forestry, is now in its 22nd year.

Richard Ramin Named Assistant Vice President for Public Affairs

The appointment of Richard M. Ramin '51 as assistant vice president for public affairs at Cornell in addition to his existing title of director of development, has been announced by President Dale R. Corson.

Steven Muller, vice president for public affairs, said, "This



RICHARD M. RAMIN
Assistant Vice President

While on sabbatic leave in 1966-67, Broten served as acting chairman of the travel industry management program at the University of Hawaii. He also has served as a technical consultant for major hotel groups including Hilton, Holiday, Inter-Continental, Marriott, Treadway and Host International.

Broten Named To Hotel Post

Paul R. Broten, professor of hotel engineering has been appointed director of research and development at the School of Hotel Administration, Dean Robert A. Beck announced.

A member of the Cornell faculty for nearly 15 years, Broten succeeds Charles I. Sayles, who became a professor emeritus upon his retirement July 1.

Broten assumes directorship of research programs responsible for introducing a number of modern techniques and facilities into the hotel, motel and restaurant industries. These include the development of computer-programming techniques for hotel operations.

He joined the Hotel School faculty in 1949 as an instructor in hotel engineering, was named an assistant professor in 1953 and, after service in Korea and in private industry, was named a professor in 1960. A native of Minneapolis, Minn., he earned a bachelor's degree in mechanical engineering at Cornell in 1947 and a masters degree in administrative and industrial engineering at Cornell in 1953.

A Marine Corps veteran of World War II, Broten was recalled to active duty as a commissioned officer during the Korean conflict. From 1955 until 1960, when he returned to the Cornell faculty, he was supervising engineer for the Sheraton (hotel) Corp. of America. During this period he was responsible for technical services and planning for approximately 60 hotels. He also served as project manager for the construction of Sheraton hotels in Philadelphia, Pa., and Tel Aviv, Israel.

Southern Love Call

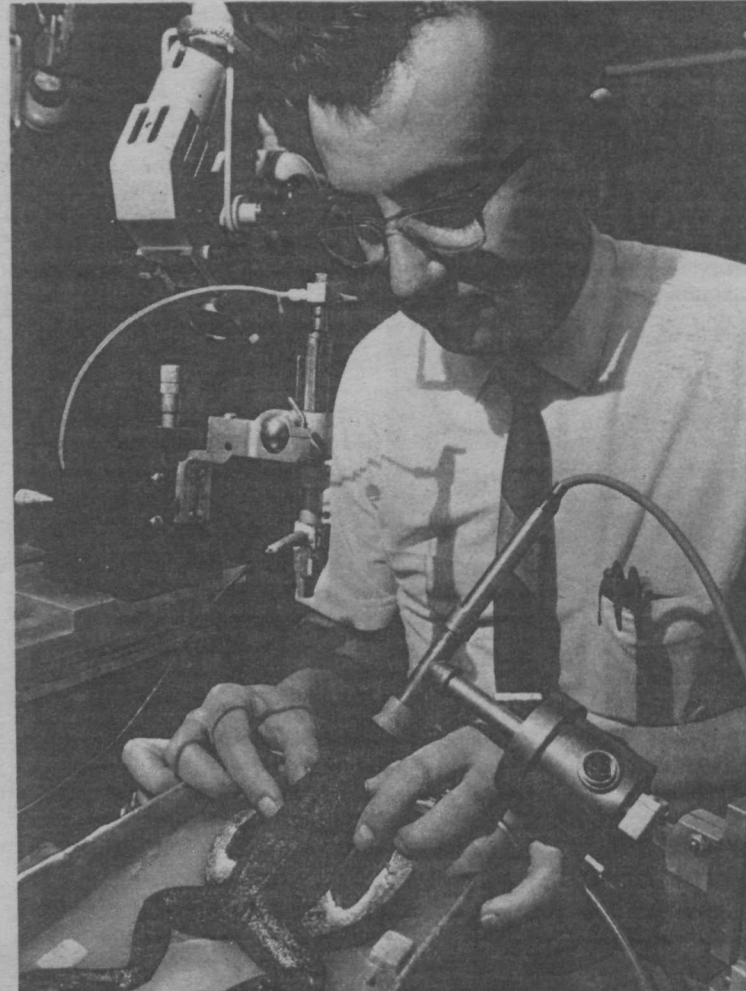
Staffer Studies Frog Communications

If a male cricket frog from Texas chirps a love call to a female of his species from Georgia, he might as well forget it.

It's not that the Georgia female has anything against Texans — his love call just doesn't turn her on.

To learn more about the communications gap in the world of frogs, a Cornell University researcher has started a project to decipher the code the nervous system uses in transmitting messages.

Robert R. Capranica, associate professor of neurobiology and behavior and electrical engineering, is seeking specifically to learn what sort of information a nerve cell extracts and sends along to higher auditory centers. Capranica, who originally obtained his degrees in electrical engineering but has specialized in biological problems during the past ten years, is setting up facilities to conduct his studies at Langmuir Laboratory near the Tompkins County Airport.



FROG COMMUNICATIONS — Robert R. Capranica, Cornell University researcher, prepares a frog for an experiment in his laboratory in Langmuir Laboratory. Capranica, an associate professor of neurobiology and behavior and electrical engineering, is trying to find out what kind of information nerve cells extract and send along to higher auditory centers.

Animals, Capranica points out, have vocabularies, but no language. The frog's vocabulary, for example, is fixed. That animal has a stereotyped set of signals that convey the same meaning to other frogs of its species around it. But neither the frog nor any other animal is known to be able to combine their vocabulary to convey more complex meanings.

Some of the 2,600 species of frogs have as many as six or seven sounds in their vocal repertoire, Capranica said. The bullfrog, which he has studied closely, has seven sounds in its repertoire. These include a mating call, territorial calls, distress call, warning call and a release call. The latter is used by a male frog who has inadvertently clasped another male frog. Since it is very difficult in cases of frogs to distinguish between sexes, the release call is used to notify one male that he has another male in his grasp.

Capranica chose the frog for his studies because it is the lowest vertebrate that uses airborne sounds to communicate. His research is currently centered upon the cricket frog because more is known about the cricket frog's mating call than any other species. It's known, for example, that the cricket frog has developed different dialects for various parts of the country. That's why the male cricket frog would be wasting his time chirping a love call to a Georgia female. She just doesn't understand his dialect.

While the female cricket frog is unaffected by a male's call with a different dialect, she can be tricked into response by Capranica using a synthetic mating call.

"I don't talk to the animals as some people seem to think," Capranica said. "I'm just trying to understand what sounds are important to different animals and what happens in the animal's nervous system to cause it to respond only to specific sounds."

One of his most recent projects is to try to determine whether dialects in animals are learned or genetically controlled. To help him find out, Capranica has captured hundreds of frogs from all parts of the country in their early stages of life and brought them to his laboratory in Ithaca. In time, he'll be able to say whether their dialects are learned or fixed. If he can, for example, get a Texas frog to come up with a New York dialect, then the frog's vocabulary is learned.

Capranica has spent the past

Continued on Page 11

appointment gives recognition to the outstanding service rendered by Mr. Ramin to the University and formalizes his role as senior deputy to the vice president in the area of public affairs.

"In this added new capacity, Mr. Ramin will take charge of the work of the Public Affairs staff at times when it is necessary for me to be absent from the University."

The new appointment was effective July 1.

As director of development, Ramin has been responsible for gifts to the University from private sources, including Cornell alumni, friends, corporations and foundations. The public affairs area also includes public information, alumni affairs, and publications.

A native of Williamsport, Pa., Ramin received the bachelor of arts degree from Cornell in 1951 and has been a member of the University staff since 1954, when he was appointed alumni field secretary. In 1956, he was named assistant director of admissions and continued in that post until 1959, when he was

named associate director of development. He has been director of development since 1964.

He is a member of the American Alumni Council and the American College Public Relations Association.

Universities Lose Travel Tax Exemption

University air travel costs will jump some \$48,000 next year, because a tax loophole has been closed.

As of this July 1, University air travel became subject to the eight per cent federal tax. Previously, individuals travelling on official business for educational institutions were exempt from the tax, which other air travellers paid.

According to Victor DiNicola, travel manager, legislation has earmarked the tax funds for use in improving air terminals and service. He added that the legislation had eliminated most other air travel tax exemptions.

Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty William T. Keeton, 304 Day Hall, 256-4843.)

Andrew D. White Professors-at-Large Annual Report 1969-70

The following report was prepared by Max Black, chairman of the Andrew D. White Professors-at-large program and professor of philosophy, on this year's activities of the professors-at-large program:

This year's visits have illustrated once again the variety of ways in which our Professors-at-Large are contributing to the intellectual

Professors-at-Large to give occasional talks to non-specialist audiences.

Professor Schrieffer's public address on "The Breakdown of Disciplines Versus the Breakdown of the University" produced argument that was all the livelier for its controversial content.

Mr. Carter's analysis, with musical illustration, of his prize-winning String Quartet No. 2

at-Large: Mr. Felix Candela (architect), Professor Northrop Frye (literary critic) and Professor J. Robert Schrieffer (physicist), with the hope that we shall see much of them during their terms of office. Pending appointments, of a historian of art, an Indian anthropologist, and a world authority on operations research (still to be ratified by the Trustees) will fill our quota of twenty. However, a number of appointments made in 1965 will terminate in 1971.

Acknowledgments. It is a pleasure, as always, to thank the many Cornell faculty members and administrators involved in the Program and especially the "faculty sponsors" and the members of the selection committee for advice, encouragement and help. But above all our thanks are due to the Professors-at-Large themselves, who work so strenuously on their eagerly awaited visits to the campus.

Max Black
Chairman, Program for
Andrew D. White Professors-at-Large

Appendix Andrew D. White Professors-at-Large

(Note: Faculty sponsors are identified between parentheses.)

Aigrain, Pierre, 1967-73 (Herbert J. Carlin). Electrical engineer, solid-state physicist and administrator. Formerly Director of Higher Education in the Ministry of National Education of France. General Delegate for Scientific and Technical Research since 1968.

Aron, Raymond, 1965-71 (Mario Einaudi). Professor at Ecole Pratique des Hautes Etudes, Paris.

Ashby, Sir Eric, 1966-72 (Max Black). Botanist, educator, master of Clare College and

formerly Vice-chancellor of Cambridge University.

Candela, Felix, 1969-75 (Martin Dominguez). Mexican architect.

Carter, Elliott, 1967-73 (Robert Palmer). Distinguished American composer.

Cosío Villegas, Daniel, 1965-71 (Donald Freebairn). Mexican historian.

Eigen, Manfred, 1965-71 (Gordon Hammes). Chemist, Nobel Prize winner.

Frye, Northrop, 1969-75 (M.H. Abrams). Literary critic, university professor, University of Toronto.

Gorla, Gino, 1966-72 (Rudolf B. Schlesinger). Professor of Comparative Law, Rome.

Kac, Mark, 1965-71 (William R. Sears). Physicist and mathematician, The Rockefeller University.

Leakey, L.S.B., 1966-72 (Kenneth Kennedy). Archaeologist and paleontologist.

McClintock, Barbara, 1965-71 (Harry Stinson). Geneticist, Cold Springs Harbor Biological Laboratories; Distinguished Service Member, Carnegie Institution of Washington.

Medawar, Sir Peter, 1965-71 (Frederick C. Steward). Biologist, director of Medical Research in England; Nobel Prize winner.

Schrieffer, J. Robert, 1969-75 (James Krumhansl). Professor of Physics, University of Pennsylvania.

Singleton, Charles, 1965-71 (Jean Parrish). Dante Scholar, director of Humanities Center, The Johns Hopkins University.

Von Wright, Georg Henrik, 1965-71 (Norman Malcolm). Philosopher, past president of the Academy of Finland.

Wilkinson, Elizabeth M., 1967-73 (Eric Blackall). Professor, Department of German, University College, London.

Dropkin Named To Sweet Chair

David Dropkin, professor of mechanical engineering and a member of the Cornell University faculty since 1941, has been named the John Edson Sweet Professor of Engineering.

Sweet was director of the machine shops in the Sibley School of Mechanical Engineering at Cornell from



DAVID DROPKIN
Named to Sweet Professorship

1873 to 1879. He had exhibited one of the first type-setting machines at the Paris Exposition in 1867 and was the inventor of a straight-line reciprocating engine. He was also one of the founders of the American Society of Mechanical Engineers.

Dropkin received his three degrees from Cornell: mechanical engineer in 1933, master of mechanical engineering in 1935 and doctor of philosophy in 1938. In 1968-69 he was awarded the Excellence in Teaching Award of the Cornell Society of Engineers, of which he is a member.

He has served as visiting engineer at the Brookhaven National Laboratory in 1949-50 and as senior consulting scientist at the Avco Corporation in Wilmington, Mass., in 1957 and 1964. He is a member of the American Society of Heating, Refrigeration and Air Conditioning Engineers; the American Society for Engineering Education; the American Association of University Professors; the American Society of Mechanical Engineers; the American Association for the Advancement of Science;

Faculty Opinion...

Editor:

While grazing my sheep, I read Professor (Robert S.) Morison's diatribe on the selfishness and the vileness of the Cornell faculty (Cornell Chronicle, July 17, 1970). I regret but am not surprised that Professor Morison fails to discern the principle behind the resistance to the administrative ukase on parking. It is simply this: self-government entails the right of those being governed to pass upon rules affecting their persons and their pocketbooks. This principle, it is true, derives certainly from selfishness and even possibly from vileness but

Professor Morison should remember the words of his fellow biologist, Aristotle, that beauty often comes from vile origins. The barons at Runnymede in 1215 were both selfish and vile when they forced Magna Carta on King John; Professor Morison's colonial ancestors were certainly selfish when they demanded the right to assent to their own taxation. The action of the Cornell faculty on June 10, I submit, should be viewed within this tradition. I think it a rather noble one.

L. Pearce Williams,
Chairman, Department of
History

Bischoff to Direct Chem Engineering

Kenneth B. Bischoff, professor of chemical engineering at the University of Maryland, has been appointed the Walter R. Read Professor of Engineering and director of the School of Chemical Engineering.

The Walter R. Read chair was endowed by Read, a Cornell 1915 alumnus, and by the Ford Foundation. His professional interests include machine tool manufacturing and real estate management.

A native of Chicago, Bischoff received two degrees from the Illinois Institute of Technology: the bachelor of science degree in chemical engineering in 1957 and the doctor of philosophy degree in chemical engineering

in 1961. During 1960-61 he lectured at the Universities of Ghent and Brussels in Belgium and at the Technische Hochschule in Darmstadt, Germany.

In the past nine years he has written more than fifty papers, many in the area of biochemical engineering research. He is co-author of the text "Process Analysis and Simulation" (New York: Wiley, 1968) and is now working on the manuscript for another text, "Chemical Reactor Principles."

Bischoff is active in many professional organizations.

He is chairman of the planning committee for the Engineering and Urban Health Sciences

Study Section of the United States Public Health Service; a consultant to the Biomedical Engineering Special Study Section and the Artificial Kidney Contracts Review Group of the National Institutes of Health. He has also served as a consultant to the Esso Research Laboratories.

As director of the School of Chemical Engineering at Cornell he succeeds Charles C. Winding, the Herbert Fisk Johnson Professor of Industrial Chemistry, who has directed the affairs of the school since 1957. Winding has participated in the education of all but a handful of the 1,300 Cornell chemical engineering graduates.



MAX BLACK

Reports on Professorships

life of the campus.

1. Such visits provide valuable opportunities to graduate students and their seniors to learn at first-hand about work in progress. The levels of specialization and expertise presupposed are suggested by such titles as "Programming of Gene Action by Controlling Elements" and "The Origins of the Races of Maize" (both given this year by Miss Barbara McClintock), "The Theory of Atom-Surface Interactions: Chemisorption" (Professor J. Robert Schrieffer) and "Philosophical Problems Connected with the Concept of Action" (Professor Georg Henrik von Wright).

2. Even more appreciated by students are chances, eagerly seized, for individual and group consultation with established investigators. In this connection, I think especially of the stimulus to those working in Professor Mark Kac's areas of specialization of his happily regular visits, or of the benefits to music students from Mr. Elliott Carter's individual lessons and colloquia on problems of composition. We are especially grateful to the Professors-at-Large for the time all of them spend in this kind of activity.

3. We regularly encourage

(later performed by the Lenox String Quartet at a special concert, partly supported by the Program) provided some wonderful glimpses of the process of musical composition.

Professor von Wright's four public lectures on "Explanation and Understanding in the Sciences of Nature and Man" (an elaboration and revision of a series with the same title, previously delivered at Cambridge University) were "popular" in the most complimentary sense of that word, since they reported original investigation of first-rate importance. Professor von Wright's lucid exposition enthralled a large and enthusiastic audience.

3. A special category should be reserved for the kind of exercise we have come to call a "Public Disputation," which Professor Mark Kac helped to initiate a few years ago. The latest in the series, on the topic of "The Tyranny of Logic" (with the collaboration of Professor Peter Hilton, Professor Anil Nerode and the writer of this report), was another welcome demonstration that serious scholarship is compatible with wit and high spirits.

New appointments. We are happy to welcome to the program three new Professors-

CORNELL CHRONICLE INDEX

Volume I: Numbers 1-35, September 25, 1969 to July 30, 1970

ACADEMIC COMPUTING ADVISORY BOARD

Vol. 1, No. 34, 7/17/70

Recommended research allocation funds for computing be distributed by the Cornell Research Grant Committee. Chester, Geoffrey V., director of the Laboratory of Atomic and Solid State Physics and Advisory Board chairman.

ACADEMIC FREEDOM AND TENURE

Vol. 1, No. 3, 10/9/69

Faculty Committee completes investigation of infringements that may have occurred at Cornell University in 1968-1969.

ADMINISTRATION REORGANIZATION

Vol. 1, No. 34, 7/17/70

President Corson explains administration reorganization.

ADMISSIONS

Vol. 1, No. 26, 4/16/70

Dean of Admissions Walter A. Snickenberger announces acceptance of new freshman class.

Vol. 1, No. 27, 4/23/70

Dean of the Arts College Alfred E. Kahn announces new admissions policy to bring Arts College sex ratio to an even 1:1.

AFRICANA STUDIES CENTER

Vol. 1, No. 2, 10/2/69

Cornell Africana Studies Center enrolls 160 students.

Vol. 1, No. 24, 4/5/70

Early morning fire destroys Center at 320 Wait Ave. on April 1, 1970.

Vol. 1, No. 25, 4/9/70

Vol. 1, No. 26, 4/16/70

Vol. 1, No. 27, 4/23/70

Fire aftermath.

Vol. 1, No. 34, 7/17/70

New permanent home of Center at 310 Triphammer Road will be ready for occupancy in time for start of fall term.

AFRO-AMERICAN STUDIES CENTER

Vol. 1, No. 5, 10/23/69

Renamed the "Africana Studies and Research Center."

AGRICULTURE — NEW YORK STATE COLLEGE OF

Vol. 1, No. 10, 12/4/69

Faculty and students share policy responsibility; Jones, Richard D. (President of Agriculture Student Council).

Vol. 1, No. 21, 3/12/70

Agriculture Leaders' Forum, March 26, 1970, to be addressed by United States Secretary of Agriculture Clifford M. Hardin and United States Senator Jacob Javits.

Vol. 1, No. 32, 6/4/70

—Promotions.

—Rose research established.

Vol. 1, No. 35, 7/30/70

Bankers School of Agriculture at Cornell reaches 25-Year mark.

AIR POLLUTION

Vol. 1, No. 12, 12/18/69

Cornell University reduction project nears completion as switchover from coal to oil heating finished; Phillips, Cushing, Jr. (Director of Operations).

ALUMNA GIFT

Vol. 1, No. 27, 4/23/70

The late Ruth E. Chipman left \$150,000 estate to Cornell University to establish a scholarship fund for needy students.

ALUMNI CONVOCATION 1970

Vol. 1, No. 27, 4/23/70

Secretary of State William P. Rogers addresses Convocation in New York City.

ALUMNI GIFT

Vol. 1, No. 19, 2/26/70

Mr. and Mrs. W. Van Alan Clark bestow \$1.3 million grant for the purpose of maintaining the special library currently attached to the Clark Hall of Science.

ALUMNI HOMECOMING WEEKEND

Vol. 1, No. 3, 10/9/69

Schedule of events.

ALUMNI NEWS

Vol. 1, No. 35, 7/30/70

Alumni News and editor win alumni publishing honors.

ALUMNI REUNIONS 1970

Vol. 1, No. 33, 6/11/70

Special supplement of activity information.

ALUMNI UNIVERSITY

Vol. 1, No. 25, 4/9/70

Research nears key juncture; Slobin, Lawrence I. (Director of Program).

Vol. 1, No. 32, 6/4/70

Third annual Cornell Alumni University; McHugh, G. Michael (Director of Public Affairs Education Programs).

Vol. 1, No. 34, 7/17/70

CORNELL CHRONICLE: VOLUME I

No. 1, 9/25/69 (Thurs.)

No. 2, 10/2/69 "

No. 3, 10/9/69 "

No. 4, 10/16/69 "

No. 5, 10/23/69 "

No. 6, 10/30/69 "

No. 7, 11/6/69 "

No. 8, 11/13/69 "

No. 9, 11/20/69 "

No. 10, 12/4/69 "

No. 11, 12/11/69 "

No. 12, 12/18/69 "

Special, 12/30/69

(Constituent Assembly)

No. 13, 1/8/70 (Thurs.)

No. 14, 1/22/70 "

No. 15, 1/29/70 "

No. 16, 2/5/70 "

No. 17, 2/12/70 "

No. 18, 2/19/70 (Thurs.)

No. 19, 2/26/70 "

No. 20, 3/5/70 "

No. 21, 3/12/70 "

No. 22, 3/18/70 (Wed.)

No. 23, 3/25/70 "

No. 24, 4/5/70 (Sun. special on

fire of Africana Studies Center)

No. 25, 4/9/70 (Thurs.)

No. 26, 4/16/70 "

No. 27, 4/23/70 "

No. 28, 4/30/70 "

No. 29, 5/7/70 "

No. 30, 5/14/70 "

No. 31, 5/21/70 "

No. 32, 6/4/70 "

No. 33, 6/11/70 "

No. 34, 7/17/70 (Fri.)

No. 35, 7/30/70 (Thurs.)

Some 120 Cornellians and 80 of their children return for first week.

APPOINTMENTS AND PROMOTIONS

1-1, 9/25/69; 1-2, 10/2/69; 1-3, 10/9/69; 1-4, 10/16/69; 1-6, 10/30/69; 1-8, 11/13/69;

1-9, 11/20/69; 1-10, 12/4/69; 1-11, 12/11/69; 1-12, 12/18/69; 1-13, 1/8/70; 1-14, 1/22/69; 1-15, 1/29/70; 1-16, 2/5/70; 1-17, 2/12/70; 1-18, 2/19/70; 1-19, 2/26/70;

1-20, 3/5/70; 1-21, 3/12/70; 1-25, 4/9/70; 1-26, 4/16/70; 1-27, 4/23/70; 1-28, 4/30/70;

1-29, 5/7/70; 1-30, 5/14/70; 1-31, 5/21/70; 1-32, 6/4/70; 1-33, 6/11/70; 1-34, 7/17/70.

ARECIBO OBSERVATORY

Vol. 1, No. 17, 2/12/70

Expansion of capacities of world's largest radio-telescope at Puerto Rican observatory.

Vol. 1, No. 34, 7/17/70

—French astronomers studying solar bursts at Arecibo Laboratory.

—Thomas Gold appointed assistant vice president for research (Arecibo affairs).

ARCHITECTURE, ART AND PLANNING

Vol. 1, No. 34, 7/17/70

Committee formed to seek successor to Dean Burnham Kelly.

ART MUSEUM

Vol. 1, No. 16, 2/5/70

Brucke Art Exhibition at Cornell is a first for an American museum.

Vol. 1, No. 34, 7/17/70

Bids for construction of proposed new museum were higher than anticipated.

ARTS THIS WEEK (THE)

Initiated in Cornell Chronicle Vol. 1, No. 5, 11/13/69 and appeared as follows:

1-6, 10/30/69; 1-9, 11/20/69; 1-10, 12/4/69; 1-11, 12/11/69; 1-19, 2/26/70; 1-21, 3/12/70; 1-22, 3/18/70; 1-28, 4/30/70.

ASSISTANTSHIPS

Vol. 1, No. 16, 2/5/70

Center for International Studies announces two graduate assistantships for 1970-71.

ATHLETICS

Vol. 1, No. 11, 12/11/69

Budget — Some junior varsity teams eliminated in sports budget cuts.

Vol. 1, No. 11, 12/11/69

Football — "In the Marinaro Manner" featuring Edward Marinaro (Cornell football).

Vol. 1, No. 13, 1/8/70

Ivy League Schools — Ivies back Yale University on ECAC ruling.

Vol. 1, No. 13, 1/8/70

Winter — Cornell teams play well in winter holiday athletic tourneys.

Vol. 1, No. 14, 1/22/70

ECAC meets to discuss Yale University penalty for use of ineligible player.

Vol. 1, No. 19, 2/26/70

NIT Tournament — Ivy League presidents vote not to allow member institutions to make their own decisions as to whether or not to participate in the NIT.

Vol. 1, No. 19, 2/26/70

Facilities — New rules announced for the use of the Teagle Hall trampoline.

Vol. 1, No. 21, 3/12/70

Skating — Figure skaters to present an exhibition at Cornell University.

Vol. 1, No. 22, 3/18/70

Varsity Teams — Spring '70 schedule.

Vol. 1, No. 22, 3/18/70

Hockey — Skaters oppose University of Wisconsin at Lake Placid.

Vol. 1, No. 26, 4/16/70

Crew — Announcement of Coach R. Harrison Sanford retirement in June, 1970.

Vol. 1, No. 27, 4/23/70

Hockey — Richard Bertrand, tri-captain of the 1969-70 hockey team, assumes position as head coach.

Vol. 1, No. 32, 6/4/70

Teams — Cornell University teams end Spring '70 seasons with varying degrees of success.

Vol. 1, No. 33, 6/11/70

Summer schedule.

AWARDS

Vol. 1, No. 8, 11/13/69

Applications being accepted for the John F. Kennedy Award established by the Cornell Class of 1964; Office of Financial Aid.

Vol. 1, No. 32, 6/4/70

Daughters of the American Revolution (DAR) History Prizes awarded at Cornell University.

1-6, 10/30/69; 1-23, 3/25/70; 1-30, 5/14/70; 1-33, 6/11/70; 1-34, 7/17/70. 1*35, 7/30/70.

BARLOW, WALTER G.

Vol. 1, No. 34, 7/17/70

Re-elected to five-year term on Board of Trustees.

BARTON BLOTTER

Initiated in Cornell Chronicle Vol. 1, No. 14, 1/22/70 and appeared as follows:

1-15, 1/29/70; 1-16, 2/5/70; 1-17, 2/12/70; 1-19, 2/26/70; 1-20, 3/5/70; 1-21, 3/12/70;

1-22, 3/18/70; 1-23, 3/25/70; 1-25, 4/9/70; 1-27, 5/23/70; 1-28, 4/30/70; 1-29, 5/7/70;

1-30, 5/14/70; 1-31, 5/21/70; 1-32, 6/4/70; 1-34, 7/17/70; 1-35, 7/30/70.

BERRIGAN, REV. DANIEL, S.J.

Vol. 1, No. 23, 3/25/70

Announcement of date for Berrigan Weekend, "America Is Hard To Find."

Vol. 1, No. 26, 4/16/70

Announcement of April 17, 18, 19, 1970 weekend celebration tribute to Cornell's Rev. Berrigan, priest convicted in the Catonsville, Maryland draft record burning.

BLACK COMMEMORATION

Vol. 1, No. 15, 1/29/70

Malcolm X., DuBois Tribute planned for Feb. 21-23, 1970. A black tribute to black leaders to be held at Cornell University.

Vol. 1, No. 17, 2/12/70

Malcolm X., DuBois tribute to feature jazz musician, Archie Shepp.

Vol. 1, No. 18, 2/19/70

Malcolm X., DuBois tribute starts today with Black Panther David Hilliard speaking and reference to BLF and Africana Studies and Research.

BLACK STUDIES

Vol. 1, No. 2, 10/2/69

Concept and a plan; Turner, James E. (Director of Africana Studies and Research Center).

Vol. 1, No. 27, 4/23/70

Professor of Floriculture named as Chairman of the Department of Floriculture and Ornamental Horticulture.

BOOKS

Vol. 1, No. 35, 7/30/70

Cornell faculty members contribute to books on life sciences and animals.

BOORSTEIN, EDWARD

See Cuban Revolution Course.

BRADFIELD-EMERSON HALLS

Vol. 1, No. 32, 6/4/70

Cornell University buildings receive the highest professional recognition for architectural

excellence.

BRONFENBRENNER, URIE

Vol. 1, No. 26, 4/16/70

Cornell University's Board of Trustees elects Professor Bronfenbrenner (Psychology and Human Development) to fill vacancy left by resigning trustee, Robert A. Plane.

Vol. 1, No. 11, 12/11/69

Named dean of Cornell University Medical College in New York City.

Vol. 1, No. 33, 6/11/70

Elected to Board of Trustees.

BUDGETS

Vol. 1, No. 14, 1/22/70

Statutory budget is over \$46 million.

BUGLIARI, JOSEPH B.

Vol. 1, No. 1, 9/25/69

Appointed first judicial administrator.

BUILDINGS

Vol. 1, No. 12, 12/18/69

Names — President Dale R. Corson announces the formation of an advisory group for naming memorial buildings.

BURAK, C. DAVID

Vol. 1, No. 34, 7/17/70

Burak barred from campus as result of his disruption of commencement.

BURTON, JOHN E.

Vol. 1, No. 14, 1/22/70

Continued from Page 5

CHRISTIAN, DR. CHARLES L.
Vol. 1, No. 20, 3/5/70

Appointed physician-in-chief of The Hospital for Special Surgery and head of the Division of Rheumatic Diseases of The New York Hospital — Cornell Medical Center in New York City.
CHRONICLE

Vol. 1, No. 7, 11/6/69

Changes in format and distribution.

Vol. 1, No. 9, 11/20/69

Distribution points and subscription information.

Vol. 1, No. 10, 12/4/69

Readership survey will be conducted in the December 11th issue.

Vol. 1, No. 11, 12/11/69

Readership survey.

Vol. 1, No. 12, 12/18/69

Schedule for Christmas publications.

Vol. 1, No. 13, 1/8/70

Capsule — Initiated. Appeared in each subsequent issue.

Vol. 1, No. 13, 1/8/70

Staff — More staff for Chronicle as Michael Rosenbaum named editorial assistant.

Vol. 1, No. 14, 1/22/70

Special Registration issue to be published 1/29/70.

Vol. 1, No. 15, 1/29/70

"Term-In-Review" — Examination, study and summary of events for fall term 1970.

CHRONICLE COMMENT

Section initiated for opinions of students, staff and employees appeared as follows:

1-10, 12/4/69; 1-11, 12/11/69; 1-12, 12/18/69; 1-13, 1/8/70; 1-14, 1/22/70; 1-20, 3/5/70; 1-21, 3/12/70; 1-22, 3/18/70; 1-26, 4/16/70; 1-32, 6/4/70; 1-34, 7/17/70; 1-35, 7/30/70.

CHRONICLE STATEMENT OF PURPOSE

Vol. 1, No. 1, 9/25/69

CINEMATOGRAPHY

Vol. 1, No. 25, 4/9/70

"Films of Ed Emshwiller" showing April 14th.

Vol. 1, No. 26, 4/16/70

Student film makers at Cornell receive opportunity to acquire complete video center.

CIVITAS

Vol. 1, No. 27, 4/23/70

Service organization seeks to set up "Half-Way-House" for patients of Willard State Mental Hospital and the Mental Health Clinic.

CLASS OF 1968

Vol. 1, No. 27, 4/23/70

Donates books on science, technology and society in cooperation with Cornell University.

CLASS OF 1970

Vol. 1, No. 33, 6/11/70

Africana Studies and Research Center Commitment Fund will receive some \$9,000 from members of the class as a result of the alternative option of receiving the "Alumni News."

CLOCK TOWER

Vol. 1, No. 32, 6/4/70

McGraw Tower clock hands painted orange by unknown person.

COFFEE HOUSES

Vol. 1, No. 15, 1/29/70

Cornell University places assessment on independent coffee houses; Peterson, Arthur H. (University Controller).

COLLEGE ENTRANCE EXAMINATION BOARD

Vol. 1, No. 13, 1/8/70

CEEB examinations to be given.

COLUMBUS, FRANK S.

Vol. 1, No. 33, 6/11/70

Named trustee emeritus.

COMMENCEMENT — 102nd

Vol. 1, No. 32, 6/4/70 and Vol. 1, No. 33, 6/11/70

—Faculty participation invited for 6/8/70.

—Costumes for academic personnel may be borrowed.

—Dale R. Corson investiture as President of Cornell University.

—Speaker — Julius A. Stratton, Chairman of the Board of Ford Foundation.

—Cap and gown fee balance to be redesignated.

—Corson commencement address.

—Addresses by Rev. David Connor and Gloria I. Joseph, Associate Professor, Africana Studies.

—Ceremony disrupted briefly by demonstrators.

COMMUNITY — ITHACA

Vol. 1, No. 7, 11/6/69

—Cornell University's economic impact on the Ithaca community. Testimony on impact as NLRB hearing gets under way.

—President Dale R. Corson makes historic appearance before Ithaca Common Council to "seek community solutions" to problems existing between the University and the downtown community.

Vol. 1, No. 32, 6/4/70

—Statement by Faculty Council (5/22/70) urges University Senate establishment of a Standing Committee on Community Relations composed of students, faculty, citizens from the downtown community and representatives of non-academic employees.

COMPUTERS

Vol. 1, No. 14, 1/22/70

Computer Advisory Board picked by Robert A. Plane (Acting University Provost).

CONCERT PERFORMANCE

Vol. 1, No. 27, 4/23/70

A special performance to honor Donald J. Grout, retiring professor of musicology.

CONCERT SERIES

Vol. 1, No. 27, 4/23/70

Statement on the serious financial difficulties currently being encountered by the Cornell University Concert Series.

CONSTITUENT ASSEMBLY

Vol. 1, No. 1, 9/25/69

Announcement of future reports to be presented.

Vol. 1, No. 3, 10/9/69

—Assembly's Drafting Committee considers Senate Proposal considerations.

—History and evolution of Assembly charted from Barton Community meeting to Bailey Hall; Tobias, Sheila (Assistant to the Vice President for Academic Affairs).

Vol. 1, No. 4, 10/16/69

History from September 15, 1969 to present time; Tobias, Sheila (Assistant to the Vice President for Academic Affairs).

Vol. 1, No. 6, 10/30/69

—Assembly urges employee participation. Offices are staffed.

—Election planned and consideration of Senate proposals.

Vol. 1, No. 7, 11/6/69

Debate on structure and powers of the Cornell University Board of Trustees and proposals for restructuring.

Vol. 1, No. 9, 11/20/69

—Nears final governance plan choice.

—Proposal concerning Board of Trustees to be brought to the floor if Assembly adopts Senate proposal No. 1; Gottfried, Kurt (Professor of Physics and Delegate to Assembly).

Special Edition, 12/30/69

Constituent Assembly Proposal for University Senate.

CONSTRUCTION — SOCIAL SCIENCE BUILDING

Vol. 1, No. 15, 1/29/70

Construction set to begin on Day Hall parking lot area for new building.

Vol. 1, No. 16, 2/5/70

Map of access around construction in front of Ives Hall; Personnel Department.

Vol. 1, No. 23, 3/25/70

Construction shanty on East Avenue site.

COOK, ALICE

Vol. 1, No. 2, 10/2/69

Named University Ombudsman.

CORBETT, RAYMOND R.

Vol. 1, No. 33, 6/11/70

Re-elected to the Board of Trustees.

CORNELL AERONAUTICAL LABORATORY

Vol. 1, No. 4, 10/16/69

Contract for the sale of CAL signed by Robert W. Purcell (Chairman of the Board of Trustees) which is subject to the lifting of a temporary injunction barring the University from selling the Laboratory.

Vol. 1, No. 20, 3/5/70

State Supreme Court Justice rules that Cornell University cannot sell the Laboratory located in Buffalo, New York.

CORNELL CAMPUS CLUB

Vol. 1, No. 32, 6/4/70

The International Hospitality Committee is sponsoring a Host Family Program and collecting warm winter clothing needed for male foreign students arriving in Ithaca in the fall.

CORNELL DAILY SUN, THE

Vol. 1, No. 23, 3/25/70

Daily Sun staff elects new editors for '70-'71.

CORNELL EZRA

Vol. 1, No. 9, 11/20/69

Ezra Cornell descendant becomes University Trustee.

CORNELL FUND

Vol. 1, No. 10, 12/4/69

Gets a million dollar challenge from anonymous donor.

Vol. 1, No. 20, 3/5/70

Anthony C. DiGiacomo, '53, (Vice President of the First National Bank and Trust Company of Ithaca) will be the general chairman of the fund drive soliciting financial support from the 3000 alumni estimated to be living in the Tompkins County area.

Vol. 1, No. 35, 7/30/70

—Results of 1969-70 Cornell Fund Drive announced.

CORNELL IN THE SEVENTIES

Vol. 1, No. 18, 2/19/70

Thomas W. Mackesey (Vice President for Planning) discusses Cornell University life in the seventies on WHCU radio program.

CORNELL MEDAL

Vol. 1, No. 33, 6/11/70

Presented to five trustees and vice president for business.

CORSON, DALE R.

Vol. 1, No. 9, 11/20/69

President Corson appears on WCNY-TV, Syracuse, New York, "Teleweek" program presentation on "The Role of the University."

Vol. 1, No. 11, 12/11/69

"Discussion with the President" broadcast (12/10/69) over WVBR radio.

Vol. 1, No. 16, 2/5/70

Formal inauguration set for June 1970 as Cornell University's 8th President.

Vol. 1, No. 33, 6/11/70

Investiture ceremony as Cornell's eighth President.

Vol. 1, No. 34, 7/17/70

Explains administration reorganization.

COSEP

Vol. 1, No. 3, 10/9/69

—Cornell University's intention to continue and strengthen the Committee on Special Educational Projects (COSEP) program reaffirmed by President Corson.

—Members of the COSEP group rap Robertson Report surveying campus disorders of April 1969; fifteen members' signatures.

Vol. 1, No. 4, 10/16/69

Announcement of summary of statistical findings on the academic performance of students in the program released by Robert A. Plane (Acting University Provost); Tetlow, William L., Jr.

Vol. 1, No. 9, 11/20/69

Cornell Committee on Special Educational Projects reorganized; Plane, Robert A., (Acting University Provost).

Vol. 1, No. 12, 12/18/69

Trailing in national competition for black talent; Carr, Carson, Jr. (Assistant Director of Admissions).

COUNSELING SERVICES

Vol. 1, No. 15, 1/29/70

List of services available; Dean of Students Office.

COURSES

Vol. 1, No. 11, 12/11/69

Malnutrition — "Hunger and Malnutrition in the United States" course set; Call, David L. (Professor of Food Economics) and Latham, Michael C. (Professor of International Nutrition).

Vol. 1, No. 14, 1/22/70

Urban Problems — "Urban Ghetto Development" offered for Spring '70 by Department of City and Regional Planning.

Vol. 1, No. 15, 1/29/70

Course change and incomplete procedures set.

Vol. 1, No. 16, 2/5/70

Announcement of a new seminar on "Social/Technological Forecasting and its Implications for Policy Planning" to be given in spring of '70; Center for International Studies.

Vol. 1, No. 23, 3/25/70

Size and Type — Plans are made to use the popular Cornell lecture course, "The Development of Human Behavior" as an experiment to determine the effectiveness of large lecture courses; Bronfenbrenner, Urie (Professor of Human Development).

Vol. 1, No. 32, 6/4/70

Student-Run — Student-initiated and student-run courses in Arts College. Report of the College of Arts and Science faculty committee appointed in 1969 at the request of Dean Alfred E. Kahn.

Vol. 1, No. 35, 7/30/70

Introductory program in field ecology opens at Arnot Forest.

COURSES — AFRICANA STUDIES CENTER

Vol. 1, No. 8, 11/13/69

—"Colonialism and Africanization of Public Administration."

—"Black Political Thought (in the United States)."

—Rukudzo Murapa (Assistant Professor) to teach the above two courses.

Vol. 1, No. 9, 11/20/69

"20th Century America: Infancy, Family and the Street" and "Psychological Aspects of the Black Experience;" Jones, C. Dalton (Research Associate and Lecturer).

Vol. 1, No. 10, 12/4/69

"Black Resistance: South Africa and North America" and "History and Politics of Racism and Segregation;" Mbata, J. Congress (Associate Professor).

COURSES — BLACK CULTURE ISSUES

Vol. 1, No. 15, 1/29/70

"Topics in Black Culture and Contemporary Social Issues" course announced by Arts and Sciences College; Kahn, Alfred (Dean).

COURSES — CUBAN REVOLUTION

Vol. 1, No. 6, 10/30/69

Cuban revolution course announced by the College of Arts and Sciences; Kahn, Alfred (Dean).

Vol. 1, No. 7, 11/6/69

—Cuban student advisor disputes validity of bringing a "Marxist" to teach course on Cuba as announced by the College of Arts and Sciences.

—Disagreement on announced Cuba course as a proper course for University study; Williams, L. Pearce (Professor of the History of Science and Chairman of the History Department).

Vol. 1, No. 8, 11/13/69

—Graduate student responds to L. Pearce Williams' position on announced course; Bayer, David L. (Graduate student, Development and Sociology).

—Reply to graduate student's disagreement concerning announced course; Williams, L. Pearce (Professor of the History of Science and Chairman of the History Department).

Vol. 1, No. 10, 12/4/69

Aftermath — Government Department plans course by Luis Aguilar in the Spring, 1970, title "Latin American Revolutions;" Dotson, Arch T. (Chairman, Government Department).

COURSES — EXTRAMURAL

Vol. 1, No. 10, 12/4/69

Data search seeks information on courses for staff and area residents; Sampson, Martin W. (Director, Division of Extramural Courses).

Vol. 1, No. 14, 1/22/70

Spring '70 course registration begins; Sampson, Martin W. (Director, Division of Extramural Courses).

CRANCH, EDMUND T.

Vol. 1, No. 33, 6/11/70

Elected faculty trustee.

CREDIT UNION

Vol. 1, No. 21, 3/12/70

Announcement of the annual Cornell Federal Credit Union meeting (3/24/70).

Vol. 1, No. 25, 4/9/70

Election results.

CRISIS COMMITTEE

Vol. 1, No. 1, 9/25/69

Two crisis committees will be appointed by President Dale R. Corson. One will represent students and the other will represent faculty and they are to advise the administration in the event of campus disruptions involving public order.

CURW

Vol. 1, No. 5, 10/23/69

—Cornell United Religious Work's Administrative Council has referred its subcommittee report to the CURW Board, other campus groups and persons for considerations.

—Konvitz Report on CURW; Konvitz, Milton R. (Professor of Industrial and Labor Relations and Law and Chairman of the Committee).

—Report disagreeing with the Konvitz Report; Ewing, Elmer E. (Associate Professor of Vegetable Crops, member of Committee).

Vol. 1, No. 7, 11/6/69

—Current evaluations of CURW and recommendations concerning "appropriate" organizational structure; Davis, Tom E. (Professor of Economics and Chairman, CURW Board).

—Ministry Council responds to Konvitz Report.

Vol. 1, No. 18, 2/19/70

Restructuring proposal prepared as a compromise to the controversial Konvitz Committee Report; Davis, Tom E. (CURW Board Chairman).

Vol. 1, No. 21, 3/12/70

—Board of Directors agree to a restructuring proposal for the organization after five months of debate.

—Text of the statement issued by the Board of Directors recommending organization changes.

Vol. 1, No. 22, 3/18/70

Alternative restructuring proposal; Korman, A. Gerd (Associate Professor of Industrial and Labor Relations).

DEAN, ARTH

Continued from Page 6

implemented by Willard Straight and Noyes Lodge.

Vol. 1, No. 12, 12/15/69

Christmas holiday schedule announced; Department of Housing and Dining.

Vol. 1, No. 14, 1/22/70

Dining schedule for Intersession.

Vol. 1, No. 15, 1/29/70

Cornell University layoff of 23 dining employees; Ryon, S. Russell (Manager, Cornell Student Dining Services).

Vol. 1, No. 22, 3/18/70

Spring dining schedule.

Vol. 1, No. 27, 4/23/70

Meal plan announced for 1970-71; Department of Housing and Dining.

Vol. 1, No. 32, 6/4/70

Summer schedule for Cornell dining facilities.

Vol. 1, No. 34, 7/17/70

Coffeehouses must restrict menus, hours; Peterson, Arthur H. (Controller).

"DOPE IS GOOD"

Vol. 1, No. 32, 6/4/70

Faculty Council statement (5/22/70) condemns "Dope Is Good" literature passed out at Ithaca High School and DeWitt Junior High School; Keeton, William T. (Secretary, University Faculty).

DOTSON, ARCH T.

Vol. 1, No. 19, 2/26/70

Elected chairman of the Department of Government.

DRAFT INDUCTION

Vol. 1, No. 8, 11/13/69

Clarification by University Committee on Selective Service of draft induction edict of President Nixon's postponement of induction for graduate students; Brock, Stephen C. (Executive Secretary of Committee).

DRAFT LOTTERY

Vol. 1, No. 10, 12/4/69

Draft counselors clarify lottery implementation; Norton, Carola (Director, Cornell Draft Information) and Brock, Stephen C. (Assistant Dean of Students).

DRUGS

Vol. 1, No. 16, 2/5/70

Drug hazards group forms. Announces formation of a "Drug Education Committee"; Meyer, Elmer E., Jr. (Dean of Students).

DUTCH ELM DISEASE

Vol. 1, No. 25, 4/9/70

Efforts being made to save campus trees from Dutch Elm disease.

EARTH DAY

Vol. 1, No. 26, 4/16/70

Recognition of first national Earth Day by Cornell University President Dale R. Corson.

Vol. 1, No. 27, 4/23/70

Environmental studies to change present realities for the better advocated; Carter, Lisle C., Jr. (Vice President for Social and Environmental Studies).

ECLIPSE

Vol. 1, No. 16, 2/5/70

Astronomers to travel to North Carolina to witness total solar eclipse (3/7/70); Terzian, Yervant (Assistant Professor of Astronomy) trip organizer.

Vol. 1, No. 20, 3/5/70

Cornell scientists trek south to perform eclipse experiments.

Vol. 1, No. 21, 3/12/70

Information on the analyzing of the March 7th total eclipse data.

EDGERTON, LOUIS J.

Vol. 1, No. 34, 7/17/70

Named chairman of pomology department.

EDUCATION RESEARCH

Vol. 1, No. 11, 12/11/69

Center for Research in Education reports on first year's operation; Alfred L. Baldwin (Director).

ELECTRON MICROSCOPE

Vol. 1, No. 17, 2/12/70

Installation in Bard Hall is greatly expanded.

EMPLOYEE FACILITIES

Vol. 1, No. 3, 10/9/69

University facilities available for use by nonacademic employees.

EMPLOYEES

Vol. 1, No. 1, 9/25/69

Changes in employee programs and policies affecting faculty and academic employees as well as exempt and non-exempt personnel will be reported in the Chronicle.

Vol. 1, No. 2, 10/2/69

Cornell University regular, full-time nonacademic employees with one year of service are allowed to take up to a maximum of four credit hours a week at the University.

Vol. 1, No. 3, 10/9/69

—Eligible voters who need time off to cast ballots on Election Day, Tuesday, Nov. 4 may receive such if necessary according to Peterson, Arthur H. (Controller).

—Vacation schedules posted by Peterson, Arthur H. (Controller).

Vol. 1, No. 9, 11/20/69

Personnel Department plans to microfilm records of terminated employees and staff; Willers, Diedrich K. (Director of Personnel).

Vol. 1, No. 10, 12/4/69

Endowed Division medical and hospital benefits increase; Willers, Diedrich K. (Director of Personnel).

Vol. 1, No. 32, 6/4/70

Memorandum concerning conditions of employment for nonacademic employees; Peterson, Arthur H. (Controller).

Vol. 1, No. 34, 7/17/70

Reject union in NLRB election.

EMPLOYEES

Vol. 1, No. 35, 7/30/70

Minimum wage goes to \$1.85 effective July 1, 1970

EMPLOYMENT — GRADUATES

Vol. 1, No. 16, 2/5/70

Cornell graduates face a tight job market; Munschauer, John L. (Director of the Career, Summer Plans and Placement Center).

EMPLOYMENT — MINORITY GROUPS

Vol. 1, No. 8, 11/13/69

Cornell University actively seeking more minority group members as employees under a "Minority Group Program;" Corson, Dale R. (President).

Vol. 1, No. 23, 3/25/70

Cornell University initiates a new "Affirmative Action Program" concerning the hiring, training and promoting of minority groups.

ENGINEERING

Vol. 1, No. 20, 3/5/70

Concrete strength tested by engineers.

ENVIRONMENT AT CORNELL

Vol. 1, No. 8, 11/13/69

New University Committee on Campus Planning to advise the Vice President for Planning and the President on physical environmental matters relating to the University; Mackesey, Thomas W. (Vice President for Planning).

EXAMS

Vol. 1, No. 14, 1/22/70

"Stress Clinic" established in Willard Straight to calm nerves and relieve the pressures of exam week.

Vol. 1, No. 32, 6/4/70

Attitude change and independent study week analyzed.

FACULTY

Vol. 1, No. 9, 11/20/69

Volunteers are to be present at any confrontation.

FACULTY: BULLETIN OF THE

Vol. 1, No. 1, 9/25/69

Keeton, William T. (Secretary, University Faculty)

—Faculty Council undertakes responsibility for the regular publication of Bulletin of the Faculty.

—Academic responsibilities of the Faculty are described.

—Faculty approves Bethe Committee Report as a statement of the sense of the Faculty.

Vol. 1, No. 2, 10/2/69

—Report of the Faculty Committee on Music ('68-'69)

—Faculty Council agrees to recommend creation of a subcommittee to review the University regulations and procedures for maintenance of public order.

—Faculty Council decides that faculty participation in the October 15, 1969 Vietnam moratorium should remain a matter of individual decision.

—Faculty Council resolution to approve recommendation of Law Faculty, with approval of President Corson, to submit to the Board of Trustees, asking them to approve the retroactive award of the J.D. degree.

—Report of the Andrew D. White Professors-at-Large Program for '68-'69.

Vol. 1, No. 3, 10/9/69

—Report of the University Faculty Committee on Academic Freedom and Tenure ('69)-majority report.

—Report of the University Faculty Committee on Academic Freedom and Tenure ('69)-minority report.

Vol. 1, No. 4, 10/16/69

—Faculty Committee report on ROTC (Ratner Report).

—Faculty Council directs the Faculty Committee on ROTC to prepare a resolution to present to the Faculty.

Vol. 1, No. 5, 10/23/69

—Report of the Special Faculty Committee on Military Training (Ratner Report) submitted to the University Faculty.

—Report of the Calendar Committee.

—Committee on Nominations; Slate of Nominees.

—Report of the Hull Memorial Publication Fund.

Vol. 1, No. 6, 10/30/69

—ROTC action set for regular Faculty meeting.

—ROTC; Faculty Council action expedites debate.

—ROTC; proposal to implement recommendation of the Special Faculty Committee on Military Training.

—ROTC; Pentagon's ROTC Committee study group proposals.

Vol. 1, No. 7, 11/6/69

—Faculty Council resolution to be presented at the Faculty meeting (11/12/69).

—Substitute motions on ROTC.

—Amendments.

—Additional motion.

Vol. 1, No. 8, 11/13/69

—University Faculty passes amended version of the resolution proposed by the Special Faculty Committee on Military Training (ROTC). —Final military training motion that ROTC should continue at Cornell under certain conditions.

—Statement at a public meeting of the Temporary New York State Commission to Study Causes of Campus Unrest by Robert D. Miller (Dean, Cornell University Faculty). Other attending Cornell University officials are listed.

—Election results

Vol. 1, No. 9, 11/20/69

—Standing Committees and Faculty Representatives of the University Faculty for '69-'70.

Vol. 1, No. 10, 12/4/69

—Committee changes.

Vol. 1, No. 11, 12/11/69

—Resolution on Officer Education-ROTC

—Resolution on grades for auditors in the Graduate School.

—Redesignation of degrees (M. Agriculture and M.C.S.).

—Final prelim examinations not to be held preceding Christmas

Vol. 1, No. 14, 1/22/70

—Report of the Special University Faculty Meeting called to discuss proposed Constitution for the University Senate.

Vol. 1, No. 17, 2/12/70

—Motion for adoption of Nominations Committee slate.

—Motion that a student delegation from the Constituent Assembly's Drafting Committee be allowed to attend Faculty meeting (2/11/70) for the purpose of answering questions on the University Senate Proposal.

—Minutes of the 2/11/70 meeting included discussions on various aspects of the University Senate Proposals.

Vol. 1, No. 18, 2/19/70

—Quarterly calendar considerations.

Vol. 1, No. 19, 2/26/70

—Reports of the University Committee on Financial Aid and the Research Grants Committee.

Vol. 1, No. 21, 3/12/70

—New Faculty nominations listed.

Vol. 1, No. 23, 3/25/70

—NROTC policies: Letters of University President Dale R. Corson and David L. Ratner (Professor of Law and Chairman of the Cornell ROTC Committee) to J.D. Hittle (Assistant Secretary of the Navy for Manpower and Reserve Affairs) expressing Cornell's concern with new navy policies regarding disenrollment procedures. Direct references to the case of Charles Cole.

Vol. 1, No. 25, 4/9/70

—Nominations announced for Andrew D. White Professors-at-Large.

Vol. 1, No. 26, 4/16/70

—Committee on University Lectures inviting nominations for Messenger Lectures.

—Catalog inserts for Colleges of Agriculture and Arts and Sciences obtain approval.

—Committee on Faculty Volunteers in event of Cornell Community confrontations.

—Fire watch by volunteer Faculty and staff endorsed by administration.

Vol. 1, No. 27, 4/23/70

—Board on Traffic Control has presented its proposal for an altered traffic and parking system.

Vol. 1, No. 28, 4/30/70

—Mason Fellowship.

Vol. 1, No. 29, 5/7/70

—Resolution concerning grading system passed.

Vol. 1, No. 30, 5/14/70

—Faculty Council resolution on voting GM stock.

—Faculty Council interpretation of faculty resolution on grades for spring term, 1970.

—Report of the Faculty Committee on the Economic Status of the Faculty.

Vol. 1, No. 32, 6/4/70

—Faculty Council statement on Jackson State.

—Faculty Council statement on "Dope Is Good".

—Faculty Council statement on Ithaca-University communications.

Vol. 1, No. 33, 6/11/70

—Faculty request resolution on parking fees be set aside until a more equitable scheme can be brought before the faculty.

—Committee on Economic Status of the faculty submits memo to Provost Robert A.

Plane on traffic and parking issues.

—Qualifications for emeritus professor title set.

—Committee on Elections list candidates for faculty trustee.

Vol. 1, No. 34, 7/17/70

—Extra-mural teaching policy.

Vol. 1, No. 35, 7/30/70

—Report on Andrew D. White Professors-at-large.

FACULTY COMMITTEE ON STUDENT AFFAIRS (FCSA)

Vol. 1, No. 10, 12/14/69

FCSA votes to hold open meetings; McLellan, Mrs. Elizabeth S. (Assistant Dean of Students).

Vol. 1, No. 19, 2/26/70

FCSA recommendation that at meetings which concern matters of importance to the entire Cornell community, students and other interested observers be allowed to attend;

FACULTY—PRESIDENTIAL ADDRESS

Vol. 1, No. 21, 3/12/70

Address by President Dale R. Corson to the University Faculty concerning finances, priorities and black students.

FACULTY OPINION

Initiated in Bulletin of the Faculty in Cornell Chronicle, Vol. 1, No. 2, 10/2/69.

Subsequent publication in: 1-3, 10/9/69; 1-6, 10/30/69; 1-7, 11/6/69; 1-9, 11/20/69; 1-10, 12/4/69; 1-13, 1/8/70; 1-16, 2/5/70; 1-17, 2/12/70; 1-27, 4/23/70; 1-32, 6/4/70; 1-33, 6/11/70 and 1/34, 7/17/70; 1-35, 7/30/70.

FEDERAL SUPPORT

Vol. 1, No. 16, 2/5/70

Land Grant fund cutbacks cause "bleak prospect" and the University faces financial trouble as a result of Nixon administration's cut in federal money for education; Corson, Dale R. (University President).

FEMALE STUDIES

Vol. 1, No. 27, 4/23/70

Conference to be held at Cornell's Malott Hall (5/9/70) to discuss and present a new course of study entitled "The Evolution of the Female Personality."

FELLOWSHIPS

Vol. 1, No. 14, 1/22/70

Ford Foundation offers a series of three doctoral fellowships for minority group students; Cornell University Office of Sponsored Research.

Vol. 1, No. 15, 1/29/70

—Society for the Humanities announces two or more awards of \$2,000 each for the summer of 1970.

—Urban Fellowships open in New York State to students interested in the New York City urban problems as announced by the Career, Summer Plans and Placement Center of Cornell University.

Vol. 1, No. 16, 2/5/70

Extension of deadline for applications for New York City professional trainee program to February 20, 1970; Career, Summer Plans and Placement Center.

Vol. 1, No. 25, 4/9/70

Senior visiting fellowship to support research into the relations between the humanities, science and technology.

Vol. 1, No. 27, 4/23/70

Woodrow Wilson National Fellowship Foundation Award won by James C. Johnson III (Senior in Psychology).

FILM MAKING

See Cinematography

FINANCIAL AID

Vol. 1, No. 15, 1/29/70

Keeping educational costs in line with efforts to help students meet high costs; Lee, Gary A. (Financial Aid Director).

FIREARMS

Vol. 1, No. 2, 10/2/69

Registration and use of firearms on Cornell University campus; Dymek, Eugene J. (Director, University Division of Safety and Security).

FIRE-PRECAUTIONS

Vol. 1, No. 11, 12/11/69

Help avoid a chemical fire; MacCheyne, James R. (Supervisor, Fire Protection, Cornell University Division of Safety and Security).

8 CORNELL CHRONICLE

Continued from Page 7

GAMMA RAY TELESCOPE

Vol. 1, No. 16, 2/5/70

Physicists at Cornell are constructing the world's largest telescope.

GANNETT CLINIC

Vol. 1, No. 22, 3/18/70

Announcement that Gannett Clinic seeks staff gynecologist; Barlow, Mark, Jr. (Vice President for Student Affairs).

GENERAL ELECTRIC DEMONSTRATION

Vol. 1, No. 9, 11/20/69

President Dale R. Corson's statement concerning demonstrations during General Electric recruiting.

GEOLOGY

Vol. 1, No. 21, 3/12/70

—University-wide committee to study the future prospects for the geological sciences at Cornell has been appointed; Plane, Robert A. (University Provost).

—Eleven Cornell geologists to take a six-day oceanographic training cruise.

GLASS BLOWING

Vol. 1, No. 19, 2/26/70

Custom-making of scientific vessels and containers currently carried on by Cornell University personnel in Clark Hall.

GLEE CLUB

Vol. 1, No. 14, 11/22/70

First tour of Germany; Sokol, Thomas A. (Director).

Vol. 1, No. 20, 3/5/70

Glee Club, Orchestra and Children's Choir to perform.

GOLD, THOMAS

Vol. 1, No. 6, 10/30/69

Appointed as new assistant vice president for research (Arecibo Affairs).

GOLDBERG, ARTHUR

Vol. 1, No. 23, 3/25/70

Goldberg gives Frank W. Pierce Memorial lecture at Cornell University.

GRANTS

Vol. 1, No. 10, 12/4/69

—CIS establishes small grant policy effective in spring; Esman, Milton J. (Director, Center for International Studies).

—Fulbright-Hays government grants still available; Office of Sponsored Research.

Vol. 1, No. 17, 2/12/70

Sponsored Research Office announces acceptance of applications for research grants in the behavioral and social sciences in recreation and leisure.

Vol. 1, No. 23, 3/25/70

Health grants available — part of the search for ways and means to improve health services at Cornell.

Vol. 1, No. 25, 4/9/70

Nationwide pinch on research grants has not yet been felt at Cornell; Cooke, W. Donald (Dean of the Graduate School).

GROSSVOGEL, DAVID I.

Vol. 1, No. 9, 11/20/69

Elected Goldwin Smith Professor of Comparative Literature and Romance Studies.

Vol. 1, No. 34, 7/17/70

Elected chairman of the Department of Romance Studies.

GUERLAC, HENRY

Vol. 1, No. 15, 1/29/70

Selected as successor to Max Black as director of the Society for the Humanities.

HAMMES, GORDON G.

Vol. 1, No. 15, 1/29/70

Appointed chairman of the Department of Chemistry.

HARDING, VINCENT

Vol. 1, No. 25, 4/9/70

Acting director of the Martin Luther King Jr. Memorial Center, Atlanta, Georgia, will lecture in "The Future of the University" lecture series at Cornell.

HARTWIG, MRS. RUTH

Vol. 1, No. 35, 7/30/70

Executive Secretary of The Cornell Daily Sun dies.

HEALTH SERVICES

Vol. 1, No. 27, 4/23/70

Commission studies and discusses problems of health services at Cornell; Barlow, Mark, Jr. (Vice President for Student Affairs).

HENDERSON COMMISSION

Vol. 1, No. 21, 3/12/70

Text of the report made to the Henderson Commission appointed to investigate the causes of student unrest and dissent on New York's college campuses; Brown, Stuart M. (Vice President for Academic Affairs).

HENDERSON LAW

Vol. 1, No. 1, 9/25/69

Matlack proposal condemns Henderson Law and will be topic at Constituent Assembly's meeting.

HENN, HARRY G.

Vol. 1, No. 32, 6/4/70

Appointed to the Edward Cornell Professorship of Law

HILDEBRAND, GEORGE H.

Vol. 1, No. 29, 5/7/70

Named Maxwell M. Upson Professor of Economics and Industrial Relations.

HOCKETT, CHARLES F.

Vol. 1, No. 28, 4/30/70

Named Goldwin Smith Professor of Linguistics and Anthropology.

HOGAN, WILLIAM E., JR.

Vol. 1, No. 34, 7/17/70

Appointed the J. DuPratt White Professor of Law.

HOLLAND, JEROME H.

Vol. 1, No. 34, 7/17/70

Re-elected to five-year term on Board of Trustees.

HOLLANDER, LOUIS

Vol. 1, No. 33, 6/11/70

Named trustee emeritus.

HOMEcoming - FALL WEEKENDS

Vol. 1, No. 13, 1/8/70

Events to merge in 1971.

HONORS

1-18, 2/19/70; 1-28, 4/30/70; 1-31, 5/21/70; 1-34, 7/17/70.

HOOK, SIDNEY

Vol. 1, No. 22, 3/18/70

Professor of philosophy at New York University to speak on "Current Challenges to Liberal Education" in Cornell's "Future of the University" lecture series.

HOTEL SCHOOL

Vol. 1, No. 4, 10/16/69

Nation's first comprehensive hotel research facility completed on the fifth floor of Statler Hall.

Vol. 1, No. 12, 12/18/69

Statler holiday activities.

HOUSING

Vol. 1, No. 8, 11/13/69

Committee on Housing Plans for 1970 studies housing plans to maintain full occupancy in all University residence halls; Meyer, Elmer E., Jr. (Dean of Students and Committee Chairman).

Vol. 1, No. 9, 11/20/69

Committee on Housing Plans for 1970 schedules open meetings on full occupancy issue; Meyer, Elmer E., Jr. (Dean of Students and Committee Chairman).

Vol. 1, No. 9, 11/20/69

Married student housing policies to be surveyed by review committee; Barlow, Mark, Jr. (Vice President for Student Affairs).

Vol. 1, No. 10, 12/4/69

Married Student Housing Policy Review Committee adds two more members to their group.

Vol. 1, No. 12, 12/18/69

Committee on Housing Plans for 1970 submits recommendations; Meyer, Elmer E., Jr. (Dean of Students and Committee Chairman).

Vol. 1, No. 14, 1/22/70

Housing Committee Report of those opposed to the report submitted to Robert A. Plane (University Provost) and Mark Barlow, Jr. (Vice President for Student Affairs).

Vol. 1, No. 17, 2/12/70

Renters offered lease forms by Office of the Dean of Students.

Vol. 1, No. 17, 2/12/70

Department of Housing and Dining decisions announced including continuation of residence requirements — for freshmen only — and a change in administrative responsibility for housing; Plane, Robert A. (University Provost).

Vol. 1, No. 20, 3/5/70

New residence policies for the 1970-71 academic year; Meyer, Elmer E., Jr. (Dean of Students).

Vol. 1, No. 20, 3/5/70

Resident Adviser Program organized by women's student government and will be changed from a volunteer program to one administered by the Office of the Dean of Students; Shumate, Ann E. (Assistant Dean of Students).

Vol. 1, No. 23, 3/25/70

Group dormitory room selection announced for '70-71.

Vol. 1, No. 34, 7/17/70

Dorms all filled for next year; Ruth W. Darling (Associate Dean of Students).

HOUSING AND DINING

Vol. 1, No. 2, 10/2/69

Cornell administration considers changes as described in the Allee Report.

HUMAN AFFAIRS PROGRAM

Vol. 1, No. 17, 2/12/70

Announcement that Cornell is planning an innovative educational program that will combine community service with research and academic study. Organization efforts are to be headed by William F. Whyte (Professor of Industrial and Labor Relations) and Carter, Lisle C., Jr. (Vice President for Social and Environmental Studies).

HUMAN ECOLOGY INSTITUTE

Vol. 1, No. 21, 3/12/70

Institute to stress "The University and Social Change: Challenge and Response".

HUMANITIES

Vol. 1, No. 8, 11/13/69

—Humanities Council reports to Dean Alfred E. Kahn of the College of Arts and Sciences; Strout, S. Cushing (Professor of English).

—Report proposes interdisciplinary course model advocating small classes and carefully planned courses for freshman and sophomore levels.

Vol. 1, No. 18, 2/29/70

Andrew Dickson White Museum to be preserved as focal point for activities in the humanities; Corson, Dale R. (President).

HUMANITIES, SOCIETY FOR THE

Vol. 1, No. 15, 1/29/70

Offering special seminars.

Vol. 1, No. 20, 3/5/70

Society announces election of three Cornell faculty members to the 1970 Summer Fellowships.

INDUSTRIAL AND LABOR RELATIONS

Vol. 1, No. 10, 12/4/69

I&LR annual report summarizes dialogue of faculty-student-administration relations survey.

Vol. 1, No. 34, 7/17/70

New York City based Labor Liberal Arts program of I&LR graduated 64 on June 19.

INSIDE CORNELL

Vol. 1, No. 1, 9/25/69

WHCU radio program about Cornell University.

Vol. 1, No. 3, 10/9/69

WHCU radio program highlights.

Vol. 1, No. 20, 3/5/70

Purposes of WHCU radio program described; Levine, Jay (Announcer)

INSURANCE

Vol. 1, No. 9, 11/20/69

Assignment of group life insurance to avoid estate tax. Personnel Department.

Vol. 1, No. 11, 12/11/69

Personal property not covered by University insurance policies; Miller, Robert D. (Dean of the Faculty).

INTERNAL REVENUE SERVICE

Vol. 1, No. 10, 12/4/69

IRS refuses Cornell request for teaching assistant tax exemption.

INTERNATIONAL EDUCATION YEAR

Vol. 1, No. 9, 11/20/69

International Education Year, 1970; Esman, Milton J. (Director, Center for International Studies).

INTERNATIONAL LIVING CENTER

Vol. 1, No. 25, 4/9/70

North Campus dorm complex to be site of new International Living Center.

INTERN PROGRAM

Vol. 1, No. 17, 2/12/70

Announcement that three graduate students selected for ten-week United Nations Internships; Cornell University Public Affairs.

INVESTMENT OFFICE

Vol. 1, No. 13, 1/8/70

Relocation; Durland, Lewis H. (University Treasurer).

ISOTOPES

Vol. 1, No. 16, 2/5/70

Committee for Radiation Safety supervises isotope use; Diegl, Herbert J. (Secretary, University Radiation Safety Committee.)

JACKSON STATE

Vol. 1, No. 32, 6/4/70

Faculty Council statement 5/15/70 on Jackson State student deaths; Keeton, William T. (Secretary, Cornell University Faculty).

JAYCEES OF ITHACA

Vol. 1, No. 32, 1/29/70

Invite Cornell men students to 30th anniversary meeting.

JOHNSON, BELTON K.

Vol. 1, No. 33, 6/11/70

Elected to Board of Trustees.

JUDICIAL ADMINISTRATOR

Vol. 1, No. 1, 9/25/69

Cornell University picks Joseph B. Bugliari as first judicial administrator.

JUDICIARY

Vol. 1, No. 3, 10/9/69

Eight persons named to serve one year on the University Hearing Board (UHB). Four persons named to the University Review Board (URB), to hear appeals from the University Hearing Board decisions.

Vol. 1, No. 6, 10/30/69

Judicial administrator says judicial system must work; Bugliari, Joseph B. (Judicial Administrator).

Vol. 1, No. 9, 11/20/69

—Judicial system, administration response to disruption of activities undergo first tests.

—Statement by President Dale R. Corson responds to ROTC drill disruption and attempted obstruction of General Electric recruiters.

Vol. 1, No. 10, 12/4/69

—Rationale for reprimands for ROTC demonstrators and Judicial Administrator's processing of complaints against persons demonstrating at General Electric recruitment.

—Hearing Board issues rationale for ROTC drill case decision Nov. 25th.

Vol. 1, No. 12, 12/18/69

Judicial proceedings continue in University disruption cases concerning incidents of last spring and fall, 1969.

Vol. 1, No. 16, 2/5/70

Judiciary officials won't prosecute General Electric demonstrators as result of Carpenter Hall demonstration in fall of 1969; Office of Judicial Administrator.

Vol. 1, No. 27, 4/23/70

—Court order obtained and served on Cornell University to show cause why April 9th's restraining order should continue; Rosoff, David M. (Class '70), Starobin, Robert (Fellow of the Society for the Humanities), et al.

—Judicial Administrator announces suspension of two students; Bugliari, Joseph B. (Judicial Administrator).

KEETON, WILLIAM T.

Vol. 1, No. 35, 7/30/70

Appointed chairman of Section on Neurobiology and Behavior in Division of Biological Sciences.

KELLY, BURNHAM

Vol. 1, No. 34, 7/17/70

Resigns as Architecture Dean

KING, JOSEPH P.

Vol. 1, No. 14, 1/22/70

Named to Board of Trustees.

KIPLINGER, AUSTIN H.

Vol. 1, No. 33, 6/11/70

Re-elected to the Board of Trustees.

LAMBERTSEN, ELEANOR C.

Vol. 1, No. 28, 4/30/70

Elected dean of the Cornell University-New York Hospital School of Nursing.

LAND-GRANT COLLEGES

Vol. 1, No. 12, 12/18/69

Land-grant position support received; Kennedy, W. Keith (Vice Provost).

LASER

Vol. 1, No. 10, 12/4/69

Developers of a purely chemical laser; Cool, Terrill A. (Professor of Thermal Engineering) and Stephens, Ronald R. (Graduate Student).

LAWRENCE, SAMUEL A.

Vol. 1, No. 15, 1/29/70

Named as new Vice President for Administration — the first administrative reorganization step.

LAW SCHOOL

Vol. 1, No. 25, 4/9/70

—Announced curriculum changes.

—Law students publish new journal.

LECTURE SERIES

Vol. 1, No. 19, 2/26/70

Announcement, by the Cornell University Committee on Lectures, of a series of five lectures to be given on the subject "The Future of the University."

LEVIS, J. PRESTON

Vol. 1, No. 33, 6/11/70

Re-elected to the Board of Trustees.

LIBE SLOPE

Vol. 1, No. 12, 12/18/69

Rules of sliding on slope announced; Dymek, Eugene J. (Director, Division of Safety and Security).

LIBRARIES

Vol. 1, No. 3, 10/9/69

Appeal for back issues of "Playboy" magazine; Kaser, David D. (Director of Libraries).

Vol. 1, No. 4, 10/16/69

Best year in University history in most areas of library activity; Kaser, David D. (Director of Libraries).

Vol. 1, No. 7, 11/6/69

Future needs analyzed by study group as Libraries face the problem of steady expansion.

Vol. 1, No. 15, 1/29/70

—Libraries expand loans—"in-person" borrowing privileges announced; Kaser, David D. (Director of Cornell Libraries).

—Library schedule listed.</

Continued from Page 8

LUNAR ROCKS

Vol. 1, No. 25, 4/9/70

Data produced by Cornell chemists in study of moon rocks praised for excellence; to be used as standard for further studies.

MALNUTRITION

Vol. 1, No. 27, 4/23/70

Walk against hunger.

MARSHALL, DR. VICTOR F.

Vol. 1, No. 30, 5/14/70

Named James J. Colt Professor of Urology in Surgery at Medical College.

McDERMOTT, JOHN

Vol. 1, No. 20, 3/5/70

National organizer for the New University Conference discusses "The Future of the University" from the aspect of advocating a radical re-ordering of priorities and assumptions about higher education.

MEIKLE, DR. THOMAS H. JR.

Vol. 1, No. 12, 12/18/69

Named dean of the Cornell Graduate School of Medical Sciences in New York.

MEMORIALS

Vol. 1, No. 34, 7/17/70

Grant-in-aid fund established in honor of the late Marian D. Tolles at the New York State School of Industrial and Labor Relations.

METALLIC HYDROGEN

Vol. 1, No. 21, 3/12/70

Engineers create metallic hydrogen, a substance that could revolutionize rocketry and make possible a perfect conductor of electricity at room temperature.

MEXICO - SOCIAL SCIENCE RESEARCH

Vol. 1, No. 20, 3/5/70

Cornell University joins, for one-year trial period, the inter-university Institute for Basic Research in Social Sciences in Yucatan, Mexico.

MOLISANI, E. HOWARD

Vol. 1, No. 33, 6/11/70

Elected to Board of Trustees.

MORISON, ROBERT S.

Vol. 1, No. 19, 2/26/70

Retires as Head of Biological Sciences to fill the newly-created Richard J. Schwartz Professorship.

NATIONAL INSTITUTES OF HEALTH

Vol. 1, No. 16, 2/5/70

Surprise deadline announced for February 15th on NIH summer support; Office of Sponsored Research.

NATIONAL SCIENCE FOUNDATION

Vol. 1, No. 10, 12/4/69

Undergraduate Science Program now open for 1969-70; Lowe, Jack W. (Associate Director, Office of Sponsored Research).

Vol. 1, No. 34, 7/17/70

Awards Cornell \$189,000 research grant to study problems involved in meeting nation's increasing energy requirements with a minimum of environmental deterioration.

NROTC REPORT

Vol. 1, No. 27, 4/23/70

Committee on University-ROTC relations to review the case of Charles F. Cole and the issue of Ithaca College participation in Cornell military science programs.

NUTRITION

Vol. 1, No. 12, 12/18/69

Cornell professors of nutrition discuss participation in the White House Conference in Washington, D.C.; Call, David L. (Professor of Food Economics) and Latham, Michael C. (Professor of International Nutrition).

Vol. 1, No. 13, 1/8/70

New seminar series set using multidiscipline approach to nutrition and behavior.

OBBERER, WALTER E.

Vol. 1, No. 33, 6/11/70

Appointment to Robert S. Stevens Professorship (newly established in the Law School).

O'BRIEN, RICHARD D.

Vol. 1, No. 19, 2/26/70

Will replace Dr. Robert S. Morison as head of Biological Sciences.

OCEANOGRAPHIC STUDIES

Vol. 1, No. 17, 2/12/70

Woods Hole, Cape Cod, Mass. Summer Fellowship Program in oceanographic studies.

OFFICE OF ECONOMIC OPPORTUNITY (OEO)

Vol. 1, No. 22, 3/18/70

Cornell-State Office of Economic Opportunity report to be given 3/19.

Vol. 1, No. 32, 6/4/70

Family assistants complete training in Cornell-OEO Project in New York conducted by the New York State College of Human Ecology at Cornell in cooperation with the New York State Office for Community Affairs to train family assistants to help South Brooklyn families with health, money management, legal, housing, clothing, home furnishing and nutrition problems.

OMBUDSMAN

Vol. 1, No. 2, 10/2/69

After two weeks in office, University Ombudsman is deeply involved in investigating complaints, while trying to set up a staff and open a permanent office; Cook, Mrs. Alice H. (Professor and Ombudsman).

Vol. 1, No. 4, 10/16/69

Two staff members are appointed to assist the University Ombudsman, Mrs. Alice H. Cook.

Vol. 1, No. 5, 10/23/69

A representative of the Office of Ombudsman will be in Willard Straight Activities Corridor, Sunday through Thursday, 7 a.m. to 10 p.m.

Vol. 1, No. 8, 11/13/69

Starts compiling information bank of referral services for Cornell and Ithaca community use.

Vol. 1, No. 9, 11/20/69

Fact-finding report issued considering allegations arising during controversy over the course on Cuban Revolution; Cook, Mrs. Alice H. (Ombudsman).

Vol. 1, No. 11, 12/11/69

Compiles data on groups, organizations, programs and services on and off campus; Telsey, Steven W. (Assistant for Information).

Vol. 1, No. 13, 1/8/70

Willard Straight Hall office in session (January 13, 1970).

Vol. 1, No. 15, 1/29/70

Report pertaining to release of student record information.

"The Modern Answer Man," Ombudsman's Referral Service - new information services; Telsey, Steven W. (Assistant for Information).

Vol. 1, No. 16, 2/5/70

Telephone information for using Cornell phones; Office of University Ombudsman.

Vol. 1, No. 18, 2/19/70

Report on first five months of operation; Cook, Mrs. Alice H. (University Ombudsman).

Vol. 1, No. 19, 2/26/70

List of the complaints received by the Office of the Ombudsman.

Vol. 1, No. 20, 3/5/70

Investigation into the balloting for creation of a University Senate not expected to change the favorable student response.

Vol. 1, No. 22, 3/18/70

Report on student referendum for the new University Senate.

Vol. 1, No. 26, 4/16/70

Report on dining services at Cornell (Part I).

Vol. 1, No. 27, 4/23/70

Report on dining services at Cornell (Part II).

ORCHARDS

Vol. 1, No. 22, 3/18/70

Cornell University acquires new lakeside orchard site; Peterson, Arthur H. (Controller).

ORNITHOLOGY

Vol. 1, No. 26, 4/16/70

Researcher experiments in efforts to "curb the promiscuity" of local blackbirds.

Vol. 1, No. 34, 7/17/70

Aggressive courtship of the female Cattle Egret described by Douglas A. Lancaster (Assistant Director, Cornell's Laboratory of Ornithology).

PARKING REGULATIONS

See Traffic and Parking.

PEACE CORPS

Vol. 1, No. 17, 2/12/70

Recruiter will be at Cornell to show film and hold a seminar; Career Center.

PERKINS, JEAN B.

Vol. 1, No. 34, 7/17/70

(Wife of former Cornell President James A. Perkins) died June 18.

PERSONNEL

Vol. 1, No. 8, 11/13/69

New assignments to Personnel staff enable greater assistance; Willers, Diedrich K. (Personnel Director).

PHOTO FEATURES

Vol. 1, No. 3, 10/9/69

Hotel seniors test ready food for student consumption.

Vol. 1, No. 8, 11/13/69

Cornell scientists gather clues to moon's origin.

Vol. 1, No. 11, 12/11/69

A Bear and the Stork — crew and hockey.

Arsenic and Young Lace — Jerry Lace (basketball coach), Paul Frye and Bill Schwarzkopf.

Vol. 1, No. 14, 1/22/70

Final Exams.

Vol. 1, No. 15, 1/29/70

Cornell Hockey Is A Way of Life.

Demonstration Ditty — Cornell Glee Club in Germany.

Registration.

Vol. 1, No. 16, 2/5/70

Business and Public Administration students probe urban problems in pioneering course.

Just What the Doc Ordered — Cornell Trainer, Emeritus Frank J. (Doc) Kavanagh and faculty and staff physical education class.

Vol. 1, No. 17, 2/12/70

Mardi Gras: an unrestrained and merry Fat Tuesday; Cornell United Religious Work.

Vol. 1, No. 18, 2/19/70

The Best In Indoor Track.

Vol. 1, No. 19, 2/26/70

If Winter . . . Can Spring . . .

Vol. 1, No. 20, 3/5/70

Cornell University Campus Store.

Vol. 1, No. 21, 3/12/70

Big Red Gymnasts . . .

Pots, Pans, Even the Kitchen Sink — sale of surplus and obsolete equipment to purchase new Straight dining equipment.

Vol. 1, No. 22, 3/18/70

Skaters to meet Wisconsin in NCAA's.

Creativity for the birds . . . project in Architecture to design shelter house.

Vol. 1, No. 23, 3/25/70

Ned Harkness, Coach of the Century.

Vol. 1, No. 25, 4/9/70

Archivists try to save some papers from Africana Studies and Research Center.

Cornell chemists' data used as standard in moon studies.

Vol. 1, No. 26, 4/16/70

Stork Sanford, veteran crew mentor.

Vol. 1, No. 28, 4/30/70

The World's Only Hotel for a Day. . .

Vol. 1, No. 29, 5/7/70

Raindrops Keep Falling. . .

Vol. 1, No. 30, 5/14/70

On the Quad: The Creative and Performing Arts (annual spring arts festival, May 10-13).

Lacrosse Goals: The Tiger and The Title.

Vol. 1, No. 32, 6/4/70

Hey Baby—Ring My Chimes; Frances S. Hechter, senior in New York State College of Human Ecology and Chimesmaster.

Rite of Spring: Life Amid the Flora with the Fauna (plant sale by students of Department of Vegetable Crops).

Vol. 1, No. 33, 6/11/70

Cornell Commencement Candids.

Vol. 1, No. 35, 7/30/70

Cornell Alumni University.

PHYSICAL EDUCATION

Vol. 1, No. 16, 2/5/70

Faculty and staff physical education class; Kavanagh, Frank J. "Doc" (Cornell trainer, emeritus).

PHYSICS

Vol. 1, No. 35, 7/30/70

Cornell physicists explore the world near absolute zero.

PLANE, ROBERT A.

Vol. 1, No. 15, 1/29/70

Appointed Cornell University Provost

PLANTATIONS

Vol. 1, No. 33, 6/11/70

Plans Arboretum expansion incorporating 67 1/2 acres of new land into the Cornell Plantations.

PLANT PATHOLOGY

Vol. 1, No. 32, 6/4/70

"Cup Fungi" collections to be made by an eight-man team sent by Cornell University to Puerto Rico and Dominica in the Caribbean.

POLLAK, DAVID

Vol. 1, No. 15, 1/29/70

Named to the Board of Trustees.

POLLUTION

Vol. 1, No. 13, 1/8/70

Students plan anti-pollution electric auto race; Wally E. Rippel (Graduate) will head the team in School of Electrical Engineering at Cornell University.

POPULATION

Vol. 1, No. 35, 7/30/70

"The Population Challenge," a three-day conference of contemporary problems of population is set for October.

POULTRY CONFERENCE-1970

Vol. 1, No. 25, 4/9/70

Up-coming conference to be chaired by Robert C. Baker (Director, Institute of Food Science).

PROFESSORSHIPS

See names of individuals

PROMOTIONS

See Appointments and Promotions

PUBLIC ORDER

Vol. 1, No. 15, 1/29/70

Changes in Regulations for the Maintenance of Public Order; Meyer, Elmer E., Jr. (Dean of Students).

RAILROAD MODEL COLLECTION

Vol. 1, No. 8, 11/13/69

Union adds locomotive model to railroad labor collection; Finch, Herbert (Archivist of the Labor Management Documentation Center of the New York State School of Industrial and Labor Relations).

RAMIN, RICHARD M.

Vol. 1, No. 35, 7/30/70

Appointed assistant vice president for public affairs. (1-35, 7/30/70)

RAVEN AND SERPENT

Vol. 1, No. 23, 3/25/70

Raven and Serpent applications available.

REDDING, SAUNDERS

Vol. 1, No. 17, 2/12/70

Black author, educator and social historian has been appointed the Ernest I. White Professor of American Studies and Humane Letters.

REGISTRATION, SPRING 1970

Vol. 1, No. 11, 12/11/69

Spring term registration.

Vol. 1, No. 13, 1/8/70

Student information for spring '70.

Vol. 1, No. 15, 1/29/70

Some 13,000 strong, return and register.

REICHMANN, FELIX

Vol. 1, No. 16, 2/5/70

Retires as Assistant Director of Cornell University Libraries.

RENEWAL - COLLEGETOWN

Vol. 1, No. 17, 2/12/70

University Planning Office denies that Cascadilla Hall, oldest building on campus, will be destroyed to make room for parking lot and stores.

RESEARCH PROGRAMS

Vol. 1, No. 11, 12/11/69

Research programs available for 1970-71; Office of Sponsored Research.

RESIDENTIAL COLLEGES

Vol. 1, No. 1, 9/25/69

Combining coeducational living units with academic programs being considered by the Cornell University administration for 1970-71; Proposed in the report of the Committee on Residential Colleges chaired by Alain Seznec (Associate Professor of Romance Studies).

RETIREMENT

Vol. 1, No. 1, 9/25/69

"Tax Shelter" program information for faculty and exempt employees.

Vol. 1, No. 9, 11/20/69

Personnel Department answers nonacademic endowed and noncontributory retirement plan questions.

Vol. 1, No. 19, 2/26/70

Announcement of procedures to be

10 CORNELL CHRONICLE

Continued from Page 9

SAFETY

Vol. 1, No. 35, 7/30/70

Controller urges compliance with remodeling project instructions.

SAGE NOTES

Initiated in Chronicle Vol. 1, No. 2, 10/2/69 and appeared thereafter in the following issues: 1-3, 10/9/69; 1-4, 10/16/69; 1-5, 10/23/69; 1-6, 10/30/69; 1-7, 11/6/69; 1-8, 11/13/69; 1-9, 11/20/69; 1-10, 12/4/69; 1-11, 12/11/69; 1-12, 12/18/69; 1-13, 1/8/70; 1-14, 1/22/70; 1-15, 1/29/70; 1-16, 2/5/70; 1-17, 2/12/70; 1-18, 2/19/70; 1-19, 2/26/70; 1-20, 3/5/70; 1-21, 3/12/70; 1-22, 3/18/70; 1-23, 3/25/70; 1-25, 4/9/70; 1-27, 4/23/70; 1-28, 4/30/70; 1-31, 5/21/70; 1-32, 6/4/70; 1-33, 6/11/70; 1/34, 7/17/70.

SALPETER, MIRIAM

Vol. 1, 23, 3/25/70

Progress made in efforts of Cornell biophysicist to discover chemical language used by nerve cells to communicate.

SANFORD, HARRISON ("STORK")

Vol. 1, No. 33, 6/11/70

Retires as crew coach.

SELECTIVE SERVICE SYSTEM DEFERMENTS

Vol. 1, No. 33, 6/11/70

Elimination of certain types of deferments recently announced.

SENATE

Vol. 1, No. 3, 10/9/69

—Personal concept rationale for a University Senate: Auer, Peter (Chairman, Constituent Assembly's Drafting Committee).

—Background of draft proposal from Constituent Assembly's Drafting Committee.

Vol. 1, No. 4, 10/16/69

—Proposal to be submitted to the drafting committee; Baugh, W.C., Jr. (Grad student in physics), Pedersen, M., Jr., (undergraduate in neurobiology and behavior) and Stein, Peter C., (Professor of Physics).

—Constituent Assembly's Drafting Committee for a University Senate will discuss two proposals in an open forum.

Vol. 1, No. 5, 10/23/69

A third plan presented by some members of the Constituent Assembly's Drafting Committee for a University Senate and other concerned delegates.

Vol. 1, No. 6, 10/30/69

Proposal for University restructuring, calling for a University Senate; Blanchard, Arthur B. '70 (representative of mathematics undergraduates).

Vol. 1, No. 7, 11/6/69

—Equitable redistribution of power behind new proposal for University governance.

—New proposal revises Trustee structure and powers.

Vol. 1, No. 10, 12/4/69

Special drafting group works on senate plan, Constituent Assembly, Senate Proposal; Professor Olum, Paul (Professor of Mathematics and Committee Chairman).

Vol. 1, No. 11, 12/11/69

—Senate proposed a substitute plan, issues statements of position and minority proposal substitute for the Senate proposal for the Constituent Assembly; Sola, Donald F. (Associate Professor of Linguistics).

—Drafting Committee process final proposal to be presented to full Constituent Assembly.

—Minority proposal to be presented to Constituent Assembly as substitute for Drafting Committee final proposal; Sola, Donald F. (Associate Professor of Linguistics).

Vol. 1, No. 12, 12/18/69

Constituent Assembly adopts Senate plan and ratification procedures start.

Special Edition, 12/30/69

Cornell Constituent Assembly Proposal for a University Senate.

Vol. 1, No. 14, 1/22/70

Announcement of Special Edition available carrying full text of Cornell Constituent Assembly proposal for University Senate.

Vol. 1, No. 15, 1/29/70

Trustees will study Senate Proposal and await vote of Faculty Action.

Vol. 1, No. 16, 2/5/70

Voting on Senate Proposal begins next week.

Vol. 1, No. 17, 2/12/70

—Faculty votes approval of Senate Proposal. —Statement by University President Dale R. Corson to the University Faculty concerning the Constituent Assembly's proposal for a University Senate.

—Referendum procedures mailed to Cornell community members.

—Faculty approves University Senate Proposal by 307-54 vote.

—Medical/Nursing units of Cornell University at NYC vote disassociation with Cornell University Ithaca Senate and seek formation of their own Senate.

Vol. 1, No. 18, 2/19/70

—Paul Van Riper, Secretary of Cornell Constituent Assembly, vows mail ballot secrecy.

—Trustees lean favorably toward Senate; Kiplinger, Austih H. (Class of '39 and Vice Chairman Board of Trustees Executive Committee).

—Senate Group picks Professor Gene E. Likens to advise University Senate Committee on Public Works.

Vol. 1, No. 19, 2/26/70

Announcing the impending ballot count in the University-wide referendum to decide the student attitude with regard to the establishment of the proposed new University Senate.

Vol. 1, No. 20, 3/5/70

—Ombudsman ballot investigation. (see Ombudsman).

—WHCU interviews Neal R. Stamp, University Counsel, on the legal aspects of the proposed new University Senate.

Vol. 1, No. 22, 3/18/70

The Cornell University Board of Trustees approves the proposal for a new University Senate, albeit with a few "necessary changes."

Vol. 1, No. 23, 3/25/70

Interim Election Committee believes that Spring Senate Election may still be possible.

Vol. 1, No. 26, 4/16/70

—Interim Election Committee proposal for representation in new University Senate.

—Text of the minutes adopted by the Cornell University Board of Trustees in their acceptance of the Constituent Assembly proposal for a University Senate.

—Trustees of Cornell University meet and accept "basically" the Constituent Assembly's proposal for a University Senate.

Vol. 1, No. 32, 6/4/70

—Senate establishes an Executive Committee.

—Senate establishes a Citizenship Recess for Cornell University students for electoral activities in the fall of 1970.

—Resolution calling for University to stop all new construction in relation to the University Avenue parking lot until a report has been received from the Planning Review Committee.

Vol. 1, No. 34, 7/17/70

Senate established three task forces on bylaws, committees and campus life to facilitate the earliest and smoothest operation of the Senate in the fall.

SEZNEC REPORT

Vol. 1, No. 1, 9/25/69

Group proposes residential colleges.

SHEINKMAN, JACOB

Vol. 1, No. 33, 6/11/70

Elected to Board of Trustees.

SIX-YEAR PH.D. PROGRAM

Vol. 1, No. 6, 10/30/69

Six-year Ph.D. Program continuation seen possible; one year extension discussed.

Vol. 1, No. 7, 11/6/69

Program affects the University as whole - a look at the report, Parrish, Stephen M. (former program director).

Vol. 1, No. 11, 12/11/69

Ford Foundation refuses to grant fund proposal; Seznec, Alain (Program Director).

Vol. 1, No. 19, 2/26/70

Meal plan controversy with housing and dining.

SKILLS ROSTER

Vol. 1, No. 3, 10/9/69

Competent professional employees, on a part-time, temporary basis or freelance basis are available through the new office.

Vol. 1, No. 34, 7/17/70

Skills roster closed for summer.

SLEEP PHENOMENON

Vol. 1, No. 32, 6/4/70

Electrical machine designed and built by two electrical engineering students.

SLOBIN, LAWRENCE I.

See Antibodies Research.

SOCIAL SCIENCE BUILDING

Vol. 1, No. 26, 4/16/70

Speculation that new social science building may present itself as an eyesore after its initial completion.

SOCIAL SECURITY

Vol. 1, No. 2, 10/2/69

Certain endowed college eligibilities for faculty and employees.

Vol. 1, No. 11, 12/11/69

Things one needs when filing for Social Security: Personnel Department.

SPEAKERS BUREAU

Vol. 1, No. 9, 11/20/69

Speakers in the program on Science, Technology and Society organize a speaker's bureau.

SPONSORED RESEARCH OFFICE

Vol. 1, No. 9, 11/20/69

Reorganized and assigns new functions.

SPORTS-SUMMER SCHEDULE

Vol. 1, No. 33, 6/11/70

Athletic Association lists activities.

STERILIZATION

Vol. 1, No. 22, 3/18/70

Survey shows opposition to idea of voluntary sterilization as means of birth control.

STRAIGHT SCOOP

Initiated in Chronicle Vol. 1, No. 6, 10/30/69 and appeared in following issues: 1-8, 11/13/69; 1-9, 11/20/69; 1-11, 12/11/69; 1-13, 1/8/70; 1-16, 2/5/70; 1-17, 2/12/70; 1-18, 2/19/70; 1-19, 2/26/70; 1-20, 3/5/70; 1-21, 3/12/70; 1-22, 3/18/70; 1-25, 4/9/70; 1-27, 4/23/70; 1/34, 7/17/70; 1-35, 7/30/70.

STUDENTS

Vol. 1, No. 35, 7/30/70

Students to attend food science congress at Cornell suggestion.

STUDENT AWARDS—UNDERGRADUATES

Vol. 1, No. 33, 6/11/70

List of students receiving various award presentations.

STUDENT COMMITTEES

Vol. 1, No. 10, 12/4/69

Dean of students needs students to fill 28 vacancies in committees.

STUDENT — EMPLOYEES

Vol. 1, No. 13, 1/8/70

Disability coverage for certain student employees; Willers, Diedrich K. (Director of Personnel).

STUDENT GROUPS

Vol. 1, No. 2, 10/2/69

Dean of Students Office conducting new registration of student groups.

STUDENTS

Vol. 1, No. 6, 10/30/69

Students effect educational change reported by increased student participation in changes of policy; Brown, Stuart M., (Vice President for Academic Affairs).

Vol. 1, No. 12, 12/18/69

Named to University Boards: Meyer, Elmer E., Jr. (Dean of Students).

Vol. 1, No. 13, 1/8/70

Offered counseling on medical and social aspects of sex; Dean of Students Office.

Vol. 1, No. 15, 1/29/70

Dean of Students, Elmer E. Meyer, Jr., announces appeals by students for better out-of-class faculty-student communications and faculty members are sought as speakers.

STUDENTS — INTERNATIONAL

Vol. 1, No. 15, 1/29/70

Enrollment up with an increase of 99 students from overseas in '69-'70 enrollment; Williams, David B. (Director of International Student Office).

Vol. 1, No. 22, 3/18/70

Internal Revenue representative to discuss with international students the various aspects of their special tax problems.

SUMMER ACTION PROGRAM (SAP)

Vol. 1, No. 32, 6/4/70

To continue political actions against war in Indochina all summer at Cornell.

Vol. 1, No. 34, 7/17/70

Students work against war through summer.

SUMMER SESSION

Vol. 1, No. 33, 6/11/70

Plans Art Festival for July, 1970; Sampson, Martin W. (Director of the Summer Session).

SYNCHROTRON

Vol. 1, No. 8, 11/13/69

Floyd R. Newman Laboratory of Nuclear Studies dismantles small synchrotron.

TAX STATUS

Vol. 1, No. 34, 7/17/70

University's tax status explained by American Council on Education.

TELEPHONES

Vol. 1, No. 32, 6/4/70

Switchboard at Cornell to be closed during early morning hours; Swart, Edgar A.

THEATER DEPARTMENT

Vol. 1, No. 8, 11/13/69

Graduate program in Theater offers professional background; Cole, S. (Assistant Professor of Theater Arts and head of MFA Program).

THEATER PROGRAM

Vol. 1, No. 33, 6/11/70

Cornell University and Ithaca College set out on a unique cooperative venture for a combined program.

TIDDLYWINKS CHAMPIONSHIP

Vol. 1, No. 18, 2/19/70

"Don't Even Wink - or Blink"

TOURS

Vol. 1, No. 15, 1/29/70

Schedule

TRAFFIC AND PARKING

See following issues: 1-2, 10/2/69; 1-3, 10/9/69; 1-5, 10/23/69; 1-10, 12/4/69; 1-11, 12/11/69; 1-12, 12/18/69; 1-15, 1/29/70; 1-18, 2/12/70; 1-19, 2/26/70; 1-20, 3/5/70; 1-21, 3/12/70; 1-22, 3/18/70; 1-23, 3/25/70; 1-30, 5/14/70; 1-32, 6/4/70; 1-33, 6/11/70; 1-35, 7/30/70.

TRAVIS, BERNARD V.

Vol. 1, No. 34, 7/17/70

Appointed chairman of the Department of Entomology and Limnology.

TRUSTEES

See names of individuals.

TUITION

Vol. 1, No. 2, 10/2/69

Personnel Dept. accepting applications for free tuition for children of Cornell employees under provision of the Cornell Children's Tuition Scholarship plan (CCTS).

Vol. 1, No. 3, 10/9/69

New rules on late payments.

Vol. 1, No. 15, 1/29/70

Trustees raise tuition \$250 to a total of \$2600 for fall term, 1970.

Vol. 1, No. 17, 2/12/70

Cornell and Harvard tuition comparisons.

UNDERGRADUATE EDUCATION

Vol. 1, No. 6, 10/30/69

Annual Undergraduate Education Report sees student involvement, flexible curriculum.

UNITED FUND

Vol. 1, No. 2, 10/2/69

Campaign under way and fund's campus goal is \$170,000.

Vol. 1, No. 3, 10/9/69

Report of October 3 on Cornell's progress toward total goal; Black, Richard D. and Berth, Donald F.

Vol. 1, No. 4, 10/16/69

Report of current drive as it enters its final week.

Vol. 1, No. 5, 10/23/69

Report on total fund drive this year; Black, R.D. and Berth, D.F. (Co-chairmen).

Vol. 1, No. 6, 10/30/69

Cornell University fund nears goal.

Vol. 1, No. 8, 11/13/69

Report by Co-chairmen: Berth, D.F. and Black, R.D.

Vol. 1, No. 12, 12/18/69

Report given; Berth, Donald F. and Black, Richard D. (Co-chairmen).

UNIONIZATION

Vol. 1, No. 8, 11/13/69

NLRB hearings end and Cornell awaits decision after University's request to NLRB to assume regulatory powers in campus labor matters.

Vol. 1, No. 10, 12/4/69

University, labor officials take part in New York State hearing. Unions seeking to represent Cornell employees.

Vol. 1, No. 34, 7/17/70

Employees reject union in NLRB election.

UNITED NATIONS INTERN PROGRAM

Vol. 1, No. 32, 6/4/70

Institute for International Order (IIO) named five Cornell University graduates as participants in its 1970 United Nations Intern Program.

UNREST SURVEY

Vol. 1, No. 5, 10/23/69

Report released on survey of campus unrest causes done by Douglas Williams Associates shows "groundswell of unrest for many different reasons."

URBAN DEVELOPMENT RESEARCH

Vol. 1, No. 34, 7/17/70

Center established at Cornell to enable University to expand its research, training and service in the field of urban problems; Jones, Barclay G. (Professor of City and Regional Planning and Acting Director).

URBAN STUDIES

Vol. 1, No. 18, 2/19/70

Lisle C. Carter, Jr., vice president for social and environmental studies, appoints 23 to an urban studies group.

VENDING MACHINES

Vol. 1, No. 19, 2/26/70

List of vending machine refund stations around campus.

VIETNAM MORATORIUM

Vol. 1, No. 2, 10/2/69

Cornell Chronicle Index

Continued from Page 10

WARREN, ERNEST N.

Vol. 1, No. 32, 6/4/70

Named to the William G. McRoberts Professorship in the Administration of the Law.

WEINHOLD, JULIUS F.

Vol. 1, No. 12, 12/18/69

Cornell University's Chilled Water Plant named in honor of Julius F. Weinhold, former Director of Buildings & Properties.

WESTINGHOUSE SCHOLARSHIP

Vol. 1, No. 20, 3/5/70

Kirk A. Shinsky, winner of \$10,000 Westinghouse Annual Talent Search Scholarship, will study at Cornell next year, majoring in physics.

WHITING, EDGAR A.

Vol. 1, No. 33, 6/11/70

Elected to director of university unions, emeritus status by the Cornell University Board of Trustees upon his retirement Sept. 1st.

WIDGER, DR. BRUCE W.

Vol. 1, No. 33, 6/11/70

Re-elected to the Board of Trustees.

WILLARD STRAIGHT HALL

Vol. 1, No. 19, 2/26/70

Board of managers has agreed to a reorganization of Straight's programming activity.

WORDSWORTH, WILLIAM

Vol. 1, No. 23, 4/5/70

Wordsworth birthday celebration set for April 7th.

WRIGHT, MADISON J.

Vol. 1, No. 29, 5/7/70

Named to head the Department of Agronomy.

Veterinarians Taking Seven Week Course Alumni News

Twenty scientists from 20 different countries are at Cornell in a seven-week training course in the use of radioisotopes in animal science and veterinary medicine.

The course, which is being held at the New York State Veterinary College, is organized by the International Atomic Energy Agency and the Food and Agriculture Organization of the United Nations in cooperation with the Atomic Energy Commission and the University.

Faculty members of the college's Department of Physical Biology serve as the basic staff. In addition, five prominent lecturers from abroad will help conduct the course.

The course is designed to

provide intensive training for research scientists in animal husbandry and veterinary medicine who are adequately familiar with isotope and radiology methodology.

A spokesman for the Department of Physical Biology said their coming here will enable the visiting scientists to spend considerable time in the atmosphere of an American university and also to become acquainted with the community. Their visit will permit a healthy two-way communication on both a social and scientific level, he added.

This will be the fourth time the course is being presented at Cornell. The last time was in 1965.

Continued from Page 2

Brown for the most awards. The Harvard Alumni Bulletin was named the outstanding magazine.

All of the writing in the June, 1969 report of the Straight occupation was by Marcham, Williams, and associate editor

Ithaca photographers and writers who contributed to the winning entries were Sol Goldberg, George Clay, Michael Parkhurst, Peter Walsh, Larry Baum, Mary D. Nichols, Robert Filner, and Robert Cowen, and Cornell Daily Sun photo editors Brian Gray and Richard Shulman. Marion O'Brien. Mrs. O'Brien also wrote three other of the winning entries.

Frog

Continued from Page 3

year preparing facilities for his experiments. The new facilities include a highly specialized sound proof room that was constructed inside another room. He also has been synthesizing frog calls with electronic circuit that he has devised.

"You can't go out and buy synthesized frog calls," he said. "There's no market for it."

To conduct his experiments, Capranica has the frogs taken into the sound-proof room where their tiny brains are exposed. Microelectrodes then are put near or onto single brain cells being studied. Electric impulses emitted by the cell are recorded on a tape recorder and are shown on an oscilloscope for observation. All during this operation, various sounds are being presented to the animal.

"What we're trying to do," Capranica said, "is figure out what that cell is doing to process the sounds being introduced to the frog's ear drum."

Capranica's research comes under the general heading of biocommunication, a fast growing field which bridges the fields of biology and engineering. When he's not in his laboratory, Capranica will be helping to set up a course titled "Animal Communication" which will be taught in the Section of Neurobiology and Behavior with Jack W. Bradbury, assistant professor. He is also involved in setting up a course in bio-electric systems which will be taught in Cornell's School of Electrical Engineering. The course will be started next, September with Capranica and Myunghwan Kim, an associate professor of electrical engineering, as the teachers.

Bankers, Farmers Meet at Cornell

Bankers meet the farmers for the 25th year running at the New York State College of Agriculture starting Sunday.

The Bankers School of Agriculture, sponsored by the New York State Bankers Association in cooperation with the College, touches the quarter-century mark during this year's sessions, August 2-7.

Some 60 to 70 bankers from all over the state will gather for the week-long school to learn the fundamentals of farm management, appraisal, capitalization, and marketing.

Participants, mostly junior officers, will spend mornings in classroom lectures. Afternoons will be devoted to field trips to various research facilities and successful model farms in the area. Course work is set up for both first and second year students in the school.

The Bankers School of Agriculture was initiated in August, 1946, by agricultural economist Van B. Hart, now emeritus professor of farm management. At that time, it was the first school of its kind in the country. Since then, the two-year school has graduated bankers from across the nation,



Straight Scoop

The Department of University Unions announces the following events:

Panel Discussion: Committee of Returned Volunteers. Today, 8:30 p.m. Memorial Room, Willard Straight Hall. Summer Strike Committee, co-sponsor.

Orchard Walk. Saturday. Walk through Cornell Orchards led by members of Department of Pomology. Meet at orchard storage barn at 9 a.m.

Hill Cumorah Pageant Bus Trip. Saturday. Bus trip to the final night of the Hill Cumorah Pageant at Palmyra. Bus leaves Willard Straight at 5:30 p.m. Total cost \$2.50. Tickets should be purchased by today.

Lecture: Ed Emshwiller. Sunday, 8:30 p.m., Memorial Room, Willard Straight Hall. Emshwiller's films will be featured. He is directing "Branches", a feature-length film being produced on campus.

Movie: "The Secret War of Harry Frigg." Monday, 9 p.m., Memorial Room, Willard Straight Hall. One dollar.

Movie: "Wait Until Dark." Tuesday, 9 p.m. Memorial Room, Willard Straight Hall. One dollar.

Panel Discussion: "American Intervention in Laos." Thursday, August 6, 8:30 p.m., Memorial Room, Willard Straight Hall. Summer Strike Committee, Co-sponsor.

Discussion: "Thailand-Precarious Present and Uncertain Future" Sunday, August 9, 8:30 p.m., Memorial Room, Willard Straight Hall. Summer Strike Committee, Co-sponsor.

Movie: "The Great Race." Tuesday, August 11, 9 p.m. Memorial Room, Willard Straight Hall. One dollar.

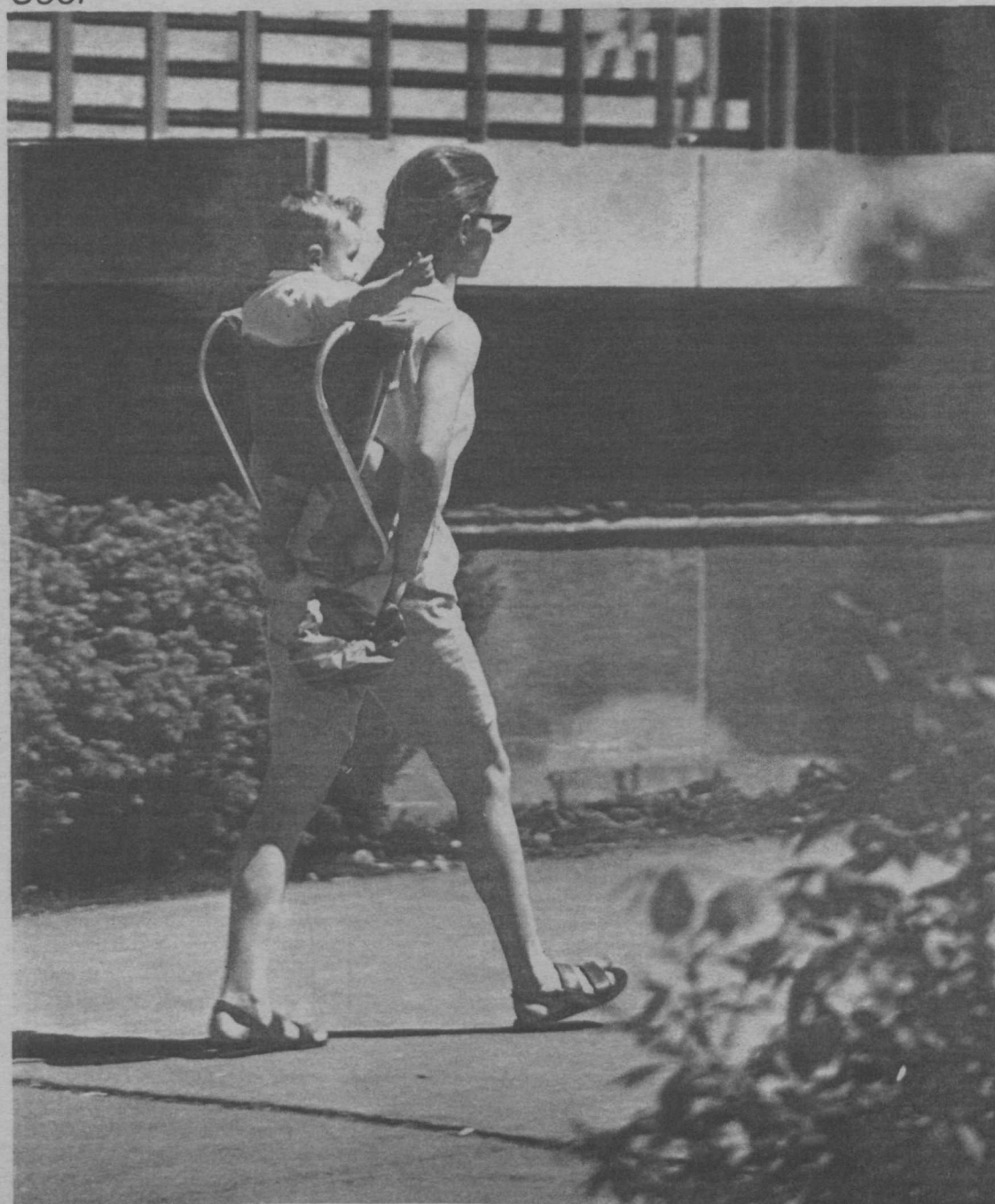
N.Y. State Hikes Minimum Wage To \$1.85 an Hour

All employees of Cornell University must now receive at least \$1.85 an hour in cash wages, exclusive of any allowances, Diedrich K. Willers, personnel director, has announced.

Willers said the new minimum wage is in accordance with the Minimum Wage Law of New York State and was effective July 1.

Cornell students who may be employed by the University are exempt from this minimum, Willers said. All other students must receive at least \$1.85 an hour, exclusive of allowances.

Cool



Barton Blotter

Light Fingers, Flying Glass

The closing days of July at Cornell saw a continuance of on-campus thefts as noted in the morning report of the Division of Safety and Security.

The thefts included:

—a desk lamp valued at \$20 from the main hall in Risley Hall.

—a black light insect trap from the Rose Garden area of the Cornell Plantations.

—an antique ceramic bowl from the Day Hall office of a University vice president.

—wallets from the University Theatre in Willard Straight Hall, the property room of the University Theatre, the Beebe

Lake swimming area (along with a wrist watch), and the Fall Creek Gorge swimming area.

—purses from the ladies room in Sage Graduate Center and the Wason Room of Olin Library.

—two rugs from the first floor hallway of Cascadilla Hall.

—a Volkswagen camper bus from the Telluride parking lot.

—a tape recorder from a car parked in the Willard Straight Hall parking lot.

—a portable typewriter from a room in Rockefeller Hall.

—a wall clock from the lounge of Mary Donlon.

—an orange pup tent from Monkey Run Road.

On Saturday, July 18, two coeds from the University of Rochester were injured by flying glass when a window in the first floor periodical room of Olin Library was broken by a gust of wind during a severe thunder storm. They were taken to the Tompkins County Hospital and released after treatment, one for a laceration on the calf of her left leg, the other for a severe laceration on the left thigh. The girls, unable to drive, stayed on campus overnight. They and their vehicle were returned to Rochester the following day by Safety Division personnel.

CIS and IPP Host Population Conference

The International Population Program (IPP) at Cornell and the Cornell Center for International Studies (CIS) will jointly sponsor a three-day conference on contemporary problems of population in October.

The conference, titled "The Population Challenge," is designed to "provide an introduction to one of the most important domestic and international problems of this century." The conference will take place October 14-17. It is open to members of the Cornell community and to the general public.

The conference is the second of this kind sponsored by the International Population Program under a grant from the Population Council. It will provide an opportunity for students and faculty from academic institutions throughout the Northeast to become acquainted with the nature of population dynamics and the causes and consequences of population growth.

This year, the Center for International Studies will co-sponsor the conference in the interest of bringing information about demographic problems to the broadest possible cross-section of the Cornell community.

Five major public lectures will highlight the conference. Among the speakers will be Roger Revelle, director of the Center for Population Studies at Harvard University; Norman J. Ryder of the University of Wisconsin; Bernard Berelson, president of the Population Council; and J. Mayone Stycos, director of Cornell's International Population Program.

In addition, students at Cornell will be encouraged to join the undergraduates from other institutions.

The conference will begin on Wednesday, Oct. 14, and will conclude on Saturday, Oct. 17. The major addresses will be held in the Alice Statler Auditorium on Wednesday evening, and in the afternoon and evening on Thursday and Friday.

Mrs. Ruth Hartwig, 60

Mrs. Ruth Garling Hartwig, a long-time employe and executive secretary of The Cornell Daily Sun, died last Thursday (July 23, 1970) in Tompkins County Hospital, after a long illness. She was 60.

As The Sun's executive secretary, Mrs. Hartwig gave continuity and stability to the student-owned and run daily paper. She had also worked on the Cornell Alumni News and the Ithaca Journal.

She is survived by her husband Charles J. Hartwig, of DuBois Road; a daughter, Mrs. Patricia Ann Sturm of Buffalo; a son, James Russell, of Mt. Kisco, and six grandchildren.

Funeral services were held Monday at the Wagner Funeral Home. The Rev. Thomas Patton, pastor of the First Presbyterian Church, of which Mrs. Hartwig was a member, officiated. Interment was at Hayts Cemetery.

Scholarship Awarded

Mrs. Carol Holland, a senior in the New York State College of Human Ecology at Cornell, has been awarded a \$1,000 Celanese Corporation Scholarship.

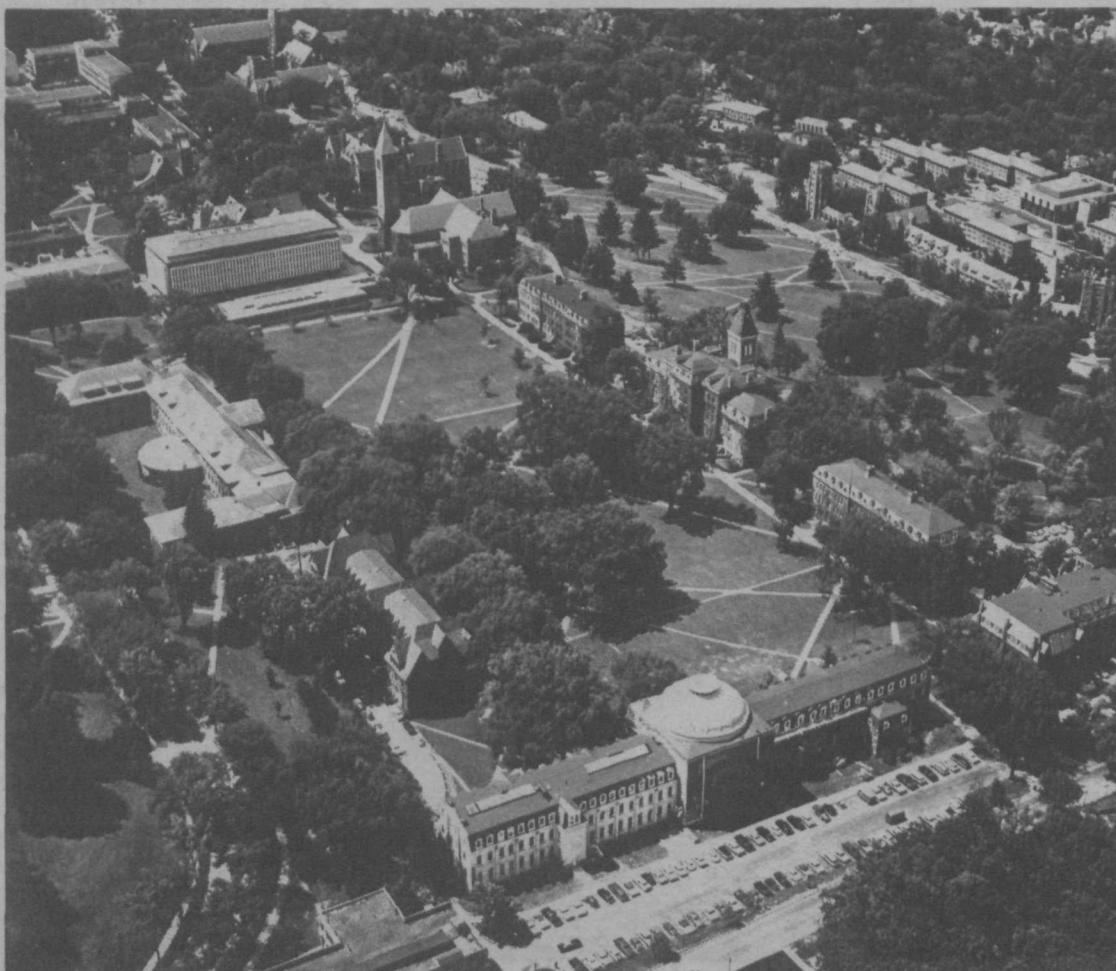
The award is one of five that the Celanese Corporation, through its Fiber Marketing Division, annually makes available for talented and promising students majoring in interior design.

FCSA

There will be a meeting of the Faculty Committee on Student Affairs today at noon in 133 Day Hall.

The agenda calls for a consideration of University action in cases of noncompliance with the Saperston Report as well as discussion of redefining the term "disciplinary probation" in the Student Code.

Bird's Eye Arts Quad



Faculty Members Contribute to Books

Eight Cornell faculty members were contributors to the critically acclaimed new book "Biology and the Future of Man," a survey of the life sciences sponsored by the National Academy of Sciences.

Another Cornell professor has written a chapter in a collection of factual stories about animals.

The 900-page life sciences book, published by the Oxford University Press and edited by Philip Handler, Academy president, has been described as the successor to "The Science of Life," the first major synthesis of the whole of biology written more than 40 years ago by H. G. Wells with Julian Huxley and G. P. Wells.

Handler, chairman of the Academy's Committee on Research in the Life Sciences, edited the current volume from the contributions of 175 of the country's leading scientists.

The Cornell contributors are Nyle C. Brady, director of research, the New York State College of Agriculture at Cornell; LaMont C. Cole, professor of ecology; Frank D. Drake, professor of astronomy; Thomas Eisner, professor of neurobiology and behavior; David Pimentel, professor of entomology and limnology; Carl Sagan, professor of astronomy; Earl L. Stone, professor of agronomy; and Daniel G. Thompson, associate professor of wildlife management. If you're looking for a book about animals, try "Alive in the Wild."

Edited by Victor H. Cahalane and published this year by Prentice-Hall, Inc., the book contains a chapter by Richard J. McNeil, assistant professor in the Department of Conservation at the State College of Agriculture.

"Alive in the Wild" is a collection of 35 factual stories

about animals, written for the layman by a group of biologists, each of whom is an expert on the animal he discusses.

One purpose of the book, McNeil said, is to use non-scientific language to educate the average reader about various animals.

McNeil's contribution, "Crippled Doe," tells the true story of a white-tailed deer on the George Reserve in Southern Michigan.

Conservation Dept. Sponsors Field Ecology Program

The study of man and his surroundings is the theme of an introductory program in field ecology being sponsored by the Department of Conservation in the New York State College of Agriculture at Cornell.

The field ecology program, new this year at Cornell, started Monday and will run until August 28. It is attempting to instill in each participant an appreciation for natural resources and a strong conservation ethic.

Designed to give students an integrated study of terrestrial and aquatic ecology in the eastern United States, the program emphasizes field studies conducted by teams of staff members, but will also include seminars and special lectures given by authorities in ecology.

The first three weeks of the five-week course are being held at Arnot Forest, 20 miles southeast of Ithaca, where students will learn the biology of the forest, wildlife, and how man fits into this environment.

The last two weeks of the program will be held at Shackleton's Point on Oneida Lake, 70 miles northeast of Ithaca. Here participants will study aquatic ecology.

Five credit hours will be given upon completion of the course, which is open to any graduate or undergraduate student who has had at least one year of college biology.

NSF Grants

The Office of Sponsored Research announces that proposals for support under the National Science Foundation's Undergraduate Research Participation Program should be submitted by September 10.

The program sponsors research, research participation or independent study for high-ability undergraduate students. Projects may be developed for any academic discipline eligible for NSF support including the social, physical, natural, biological, medical and marine sciences, plus the history and philosophy of science.

Those interested are asked to contact the Office of Sponsored Research for further details and or applications.

"to be part of Cornell again"



LECTURE: Arthur W. Rovine, assistant professor of government, lectures on the theme, "Controlling Man's World".

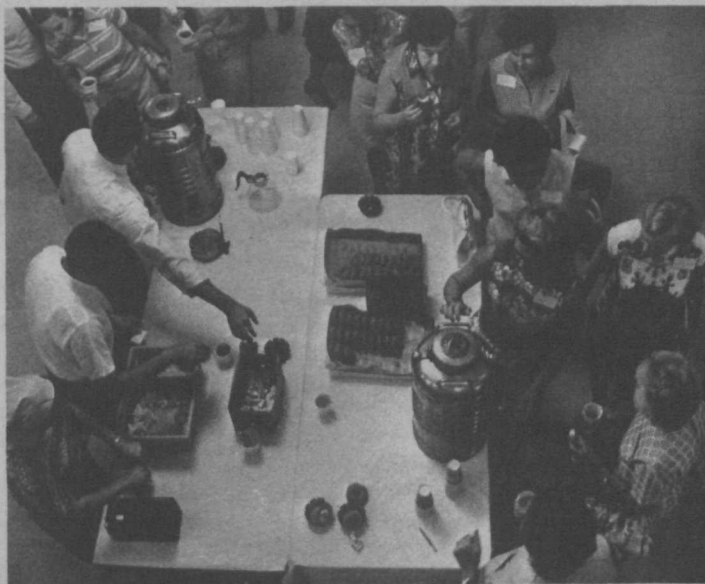


MENTAL STIMULATION — Mrs. Barber B. Conable, an alumna and the wife of a Congressman, listens attentively during a seminar.



SEMINAR: Walter R. Lynn, director of the Center for Environmental Quality Management, conducts an Alumni University seminar.

Cornell Alumni University — now in session on campus — affords alumni and their families a unique opportunity to return to Ithaca during the summer for one or two weeks on intellectual challenge, relaxation and entertainment. As a member of the Class of 1926 put it, "I brushed out some of the intellectual cobwebs."



COFFEE FROM ABOVE: The learning continues through coffee breaks and other social events.



WAITING FOR THE MUSE: James E. Coburn '56 sits amid the etchings.



THE MUSE AND I: Coburn stops waiting and goes to the muse.

Decontamination Method Discovered

Cornell researchers have found a means of decontaminating food plants from deadly radioactive fallout resulting from detonation of nuclear devices.

The method, successful in achieving up to 98 per cent decontamination under proper conditions, could lead to protection of vital food supplies in case of a nuclear war or accidental release of radioactive materials from peaceful uses of atomic energy.

The decontamination procedure also has the potential for developing into an effective weapon in combating many other types of pollutants affecting crops, according to Harold B. Tukey Jr., associate professor of floriculture and ornamental horticulture at the New York State College of Agriculture at Cornell.

Tukey developed the decontamination technique during the past ten years in a major study supported by the Atomic Energy Commission (AEC).

Basically, the technique involves leaching fallout materials from plants with mist treatments in much the same way nurserymen, greenhouse operators, and other plant propagators use water in the form of atomized mist for plant cuttings to promote root development.

Discussing his research and its potentially significant applications both in time of war and in time of peace, Tukey said that the method is workable on a large scale under field conditions in decontaminating crops.

"With some food plants, we can remove almost all contaminants if the mist treatment is given immediately after fallout occurs," he said. Rain, he noted, also is effective.

Among more than a dozen different kinds of fallout elements, strontium-90 and cesium-137 were used.

The success of decontamination by leaching, Tukey pointed out, depends on many factors including the nature of plant parts utilized for food, time of contamination, and time interval following fallout exposure.

It was discovered that leafy vegetables such as lettuce and parsley are much easier to decontaminate than underground crops such as potatoes, beets, and carrots or fruit such as tomatoes.

Fruit-bearing crops such as tomatoes, peas, and beans do not become contaminated significantly if exposed to fallout before the onset of flowering. However, if contaminated during flowering and fruit development, contamination may be severe.

Contrary to a previously-held belief, potatoes and other underground food organs are not immune to contamination because the roots take up radioactive substances from contaminated soil and transport them to other parts of the plant, Tukey said.

These and other findings all point to the importance of timing decontamination treatments, Tukey pointed out. "Once the radioactive materials get into the root system through the soil and into edible part of the plant such as fruit, leaves, stems, and buds, it is difficult to leach them out. Thus it's critically important to move into the field immediately after crops are exposed to fallout."

Ray Smith Named Associate Director Of NYC-ILR

Ray F. Smith Jr. has been appointed to the newly created position of associate director of the Metropolitan District Office of the New York State School of Industrial and Labor Relations, at 7 East 43rd St.

Mrs. Lois S. Gray, metropolitan district director, who made the announcement, said, "Smith will be in charge of the internal administration of the Metropolitan District Office and will work to achieve greater integration of the school's various extension services and credit courses to labor, management and community groups."

As coordinator of the management education program, Smith will be responsible for strengthening basic services to business and industry as well as initiating new programs responsive to evolving management needs. Smith will also work to make more use of Cornell's I.L.R. school's Ithaca resources in the metropolitan area program.

Smith, who will join the Cornell staff this summer, is presently the assistant vice president for administrative services at New York University (NYU). Previously, he served as director of personnel, coordinator of business services and lecturer at the management institute there. Mrs. Gray also explained that Smith has had extensive experience as a consultant, conference leader and speaker in the fields of personnel, labor relations, management and organization development and equal opportunity programs. He has a bachelor's degree in economics from the University of Toledo and a master's degree in human relations and community studies from NYU.

The Metropolitan District Office of the Industrial and Labor Relations School provides opportunities for continuing education for executives, union officials and members and for others working in personnel, industrial relations, management development and union administration. The office is also involved with a variety of urban affairs and anti poverty projects. The Metropolitan Extension Division offers credit and non-credit courses.

Chronicle Comment

Chronicle Comment is a forum of opinion for students, staff and employees. Comment may be addressed to Arthur W. Brodeur, editor,

Cornell Chronicle, 110 Day Hall,

Editor

At the June 9, 1970 meeting of the Academic Staff of the Cornell University Libraries, the following Resolution was unanimously adopted:

The Meeting of the Academic Staff of the Cornell University Libraries expresses its grave concern over erosion in the status of librarians within the University community, as has been reflected most recently in the discriminatory salary criterion established from campus parking permits.

The effect of this regulation has been sharply to emphasize the shortcomings already existing in the salary levels applying to librarians at Cornell. At a time when across the country the trend is toward granting librarians parity with the teaching faculty, and in institution after institution full membership in the faculty, for Cornell University now to move backward is to jeopardize its ability over the coming years to recruit and hold the quality of library staff which the needs of the University require. We suggest that consideration be given the serious consequences such a regression would have for the future of the entire University, and we urge that the appropriate authorities of the University reconsider the policy which has been set forth by the Board on Traffic Control.

It is further moved that the Secretary of the Meeting be instructed to convey the text of the above statement to the Chairman of the Board on Traffic Control, the Vice President for Academic Affairs, the Provost, the University President, and the Chairman of the Board of Trustees; further, that the Secretary convey this text to the editor of the *Cornell Chronicle* with the request that the statement be spread upon the record of the University.

*Susan Livingston
Secretary to the Academic Staff
Cornell University Libraries*

Editor:

When you begin your job at Cornell you are given a small, bright red booklet entitled "You and Cornell". It contains much useful information concerning the conditions and benefits of employment at Cornell. For thirty-five hours a week on a regular work basis an employee has paid vacations, paid sick leave, paid statutory holidays, group life insurance, group medical insurance, the chance to take a job-related university course, a University I.D. card, extended library borrowing privileges, educational benefits for his children, and if not on an hourly wage, a job description defining what he does and does not do and setting his wage.

But much in that booklet does not apply to me at all. I am a regular part-time employee. This

category is defined in the new edition of the Cornell Personnel Manual (the information is not in "You and Cornell"):

B. Regular Part-Time Employee — An employee who is regularly scheduled to work less than thirty-five hours per week but works these hours on a uniform basis, and whose term of employment is expected to be for six consecutive months or longer.

There are three other categories: temporary, casual and extra employees, but these all are expected to be employed less than six months. I work twenty hours a week, more than half the hours required for the benefits I have mentioned but do I have any of those benefits? No, I do not. Do I have benefits in proportion to the fraction of the full work week that I work? No, I do not. I am entitled only to disability pay, workmen's compensation and social security, benefits required by law and to which I contribute from my pay.

Now someone is going to say that he knows twenty hour employees who do subscribe to Blue Cross medical insurance. Yes, that is possible on the State campus because it was decided there to allow teaching and graduate assistants who work twenty hours a week to enroll, so regular part-time employees may also. This was the second revelation to me — the variations that exist in the employment of regular part-time employees.

Cornell frankly admits that terms of employment are discretionary arrangements because of the autonomy exercised by different departments and colleges. While personnel regulations may be contravened the administration has no way of knowing or controlling this. In other words, if Professor A decides Miss B's work is invaluable to him he may hire her with the benefits of paid vacation, sick leave, etc. No one is going to challenge him. The library system is in a different situation. It is a large and unified group with its own personnel office to routinize procedures and I doubt if discrepancies exist.

It is galling to find inequalities of treatment but I see no quick solution. Fringe benefits, I am told by Cornell, are calculated to raise an employee's salary by twenty per cent in cost to the University. Departments have budgets and there are no job descriptions for regular part-time employees, so the number hired depends on the funds available after set expenses are met. In simple arithmetic, increasing the cost to the department per employee means decreasing the number of employees. There would have to be a change at the level of university policy.

Where are all these regular part-time employees anyhow? I find that hard to answer because no one seems to know how many we are. The Ombudsman's office says about 200 and the Personnel Office says "a hard core of 60". Mr. Eldridge (Paul W. Eldridge, assistant director of libraries) estimates about 20 in the library system, and labs would be a place to find us too. Out of 5,000 non-academic employees are 200 worth worrying about? Not only is this a time when the University community is defining itself and should not overlook any segment of it, but if what we read in all the journals is true, the trend to shorter work weeks, staggered hours, the increasing return of women to the work force, more automation, etc. is going to increase, not decrease, the number of part-time employees. Mr. Willers (Diedrich K. Willers, director of personnel) forecast these developments in articles in 1966 in the "Journal of the College and University Personnel Association", so he should be prepared.

I wondered how typical among other American universities is the exclusion of part-time employees from fringe benefits of employment. The answer is that Cornell is not typical. I consulted 14 current manuals of personnel procedure for American universities across the country, private and state, on file in the I.L.R. library. Out of these 14, 12 universities granted some paid vacation and sick leave to less than regular full time employees. The common guide lines were to give to regularly scheduled employees who work as a minimum half the full work week paid vacation and sick leave in proportion to the number of hours worked. Of course some universities granted other benefits too, such as free tuition hours in proportion to time worked. If other universities can recognize the contribution of part-time employees by giving them a share in employee benefits, why cannot Cornell?

I want to make it clear that it is not dissatisfaction with my job, department or supervisors that started my probe into employment conditions. I have enquired at the department, library and University personnel level and everywhere had courteous attention and answers.

As well as a lack of fringe benefits it appeared this winter that we part-time employees lacked any status in the University community when we received no ballot for the Senate referendum.

I inquired at the Ombudsman's office why we were excluded and was told the reason was tied to the difficulties of balloting by mail. Ballots were sent to all employees enrolled on the life insurance plan because the list was readily available on one computer. The Election

Committee had neither time nor money to search further. Disfranchised by a machine!

Besides that explanation the Ombudsman offered the rationale that part-time employees are considered "transitory" and thus lacking in interest and involvement in the university community. That may be so, but in the context of Cornell with its large number of graduate wives who are necessarily short term employees I doubt if there is much difference in service between full and part-time employees. I have been at the library little over a year, and in that time my department has had three full time grad wife typists come and go. Mrs. Cook in her Ombudsman's report recommended part-time employees be enfranchised but only after five years employment. I felt that was a high residency requirement, but happily the Election Committee went further than the recommendation and granted franchise to "permanent part-time staff."

Do I have any other suggestions on the situation of part-time employees? Since there is no Cornell manual for part-time employees I asked the Personnel Office if a brief leaflet could be prepared for us explaining frankly what we do and do not have. This might discourage some would-be employees but that would give Cornell a message. Also part-time employees should be on the alert to other job arrangements. Some departments have employees on payroll for the school year — nine months — but these employees are considered full-time and receive benefits. Perhaps other jobs could be scheduled like this.

Shirley C. Spragge

Editor:

Professor (Lawrence S.) Hamilton's recent (July 17) letter to the Chronicle repeats three common misconceptions about the recent Senate action on the calendar. One of the main problems with the Senate is removing misconceptions about its activities. Clearly the important parts of the debate in the Senate which clarified the intent of the motion to change the calendar did not reach Professor Hamilton. This letter is an attempt to explain. In the first place, the motion to change the calendar was not a political action. The intent of the motion (which was repeatedly clarified by the pertinent questions raised by the Faculty Senator from Industrial and Labor Relations) was to fulfill in letter and spirit the position explained by the American Council on Education which seems to have the approval of the U.S. Commissioner of Internal Revenue. These guidelines are nothing new. The faculty in I and LR tends to be acutely aware of the peculiar problems which

arise when academic interests and political interests meet, but those of us who have occasion to deal with the State of New York in the many guises in which it impinges on higher education have also learned that academic freedom can only exist in an institution which is politically independent.

Secondly, it was stated over and over again in the hearings and debate that the recess must not interfere in any substantive way with the academic quality of courses at Cornell. Because of this, the whole Law School was exempted by specific amendment from the requirements of the calendar. (It couldn't even meet the requirements of the old calendar.) The Senate also was aware of the fact that small numbers of students scattered in a few courses on the campus would not be able to take part in the citizenship recess for purely academic reasons. In the Senate debate, a clear case was made for exempting students in some courses in practice teaching whose academic requirements are tied to the public school calendar. Rather than try to deal with these few cases individually, the Senate passed a general rule with the hope that the few exceptions would be solved by the good sense of the faculty and students in the problem courses. If it turns out that these problems cannot be solved by those directly concerned, the Senate appeal mechanisms can be invoked. Specifically: if Professor Hamilton's course has major field trips geared to seasonal observations possible only during the Citizenship Recess time or if postponement due to the Citizenship Recess seriously jeopardizes the health or safety of his students, I'm sure he can get an exception.

There is not a hope of any real solution to the calendar problem if the needs of the people in the whole university have to be stretched or chopped to fit every individual course offered in the catalogues. Any calendar is unpopular. It would seem that one possible solution to the calendar problem would be continuing empirical experimentation rather than to develop a logic chopping solution based on a set of *a priori* assumptions. In either case, the University community needs to be aware of the fact that the Senate is capable of moving very quickly in matters like the calendar. The leisurely waffling of non-academic problems affecting students in Academe is a thing of the past. Therefore members of the Cornell Community who are seriously concerned at any of the potential activities of the Senate had better pay close attention to the hearings and the debates on matters of interest. When the students make up their minds to

Continued on Page 15

Absolute Zero

Continued from Page 1

Superconductivity also occurs near absolute zero. At ordinary temperatures, all electrical conductors have resistance and electricity passing through them loses some energy. But at a few degrees above absolute zero, some metals such as tin and lead suddenly take on the capability of conducting electricity with no loss at all. Immersed in liquid helium, a lead ring, for example, would permit an electric current to circle through it indefinitely.

Lured by these odd phenomena, the Cornell team is seeking to get down as close to absolute zero as possible. The conventional scientific way of getting to the unconventional world of near zero is in special containers called Dewar flasks. About five feet high and made either of glass or metal, these flasks actually are two huge thermos bottles, one inside the other. The outer flask contains liquid nitrogen; the inner contains liquid helium.

In the liquid of the inner flask is a vacuum chamber in which the cryostat is immersed. Temperatures at this stage are so critical that even the minute amount of heat caused by a twitching fly would ruin an experiment.

In theory, absolute zero can never be attained. The lowest temperature reached by the Cornell physicists is 0.002 centigrade degrees above absolute zero. At these levels, conventional temperature measuring devices are useless. Special methods involving the measurement of small electric currents must be used.

To meet this measuring need, another Cornell group, headed by Watt W. Webb, professor of applied physics, perfected a device called a SQUID, an acronym for superconducting quantum interference device. The SQUID measures magnetic fields to obtain temperatures.

The group now is trying to observe a change in solid helium that theorists have predicted most occur at near zero temperatures.

Their work is sponsored by the National Science Foundation (NSF) and the Advanced Research Projects Agency (ARPA) through the University's Materials Science Center.

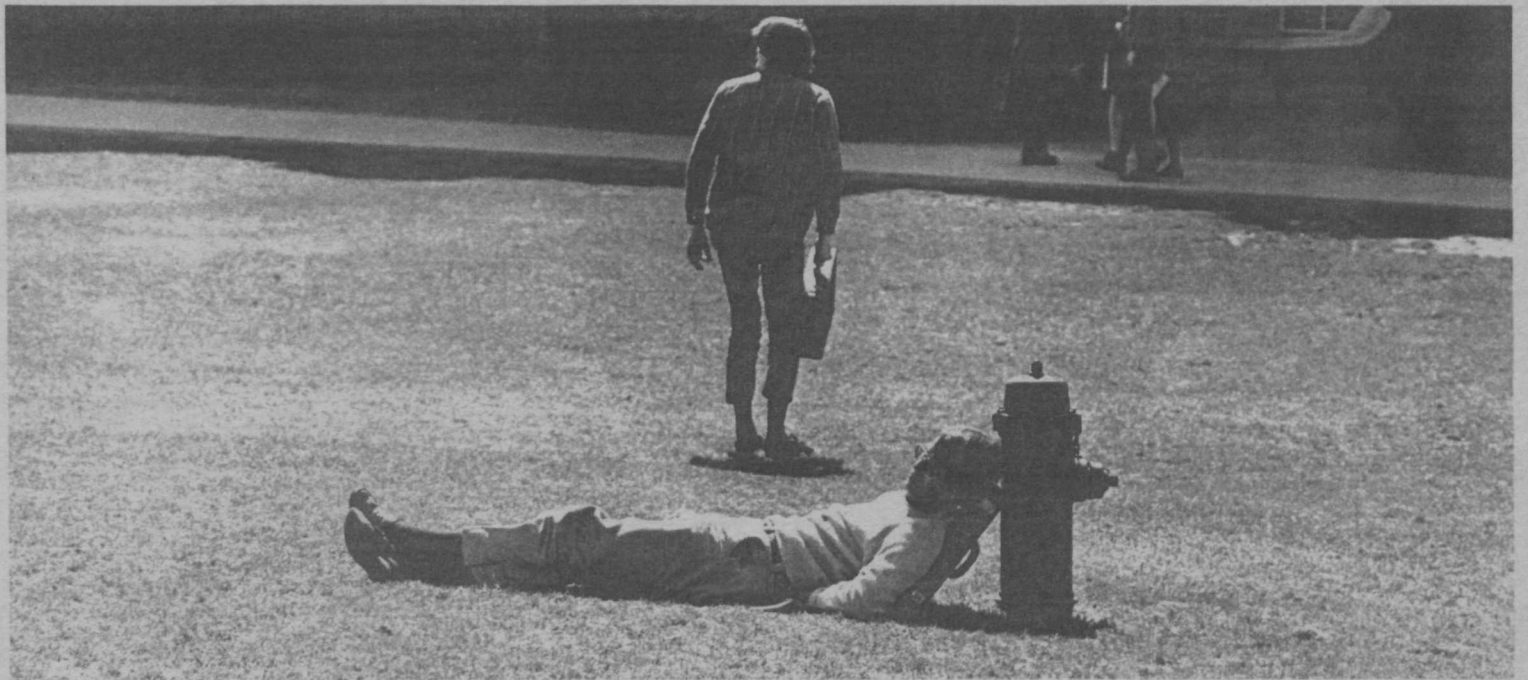
Cornell Fund

Continued from Page 1

alumni campaigns are reportedly decreasing this year.

Robert W. Purcell, chairman of the University Board of Trustees, said, "This tremendous success can be attributed in part to the challenge grant and in part to an excellent alumni fund organization. The \$3 million contributed by alumni before the challenge gift represents a gift represents a doubling in alumni annual giving over the last five years. The record total this year is of particular significance because of the financial strigencies faced by Cornell and other universities."

In Case of Fire, Do Not Disturb



Renovators Should Summer Session Consider Safety First

University Controller Arthur H. Peterson has issued a series of instructions to deans, directors and department heads regarding building, remodeling projects.

Peterson said.

"Life safety and fire safety are everyone's responsibility, but both are the special responsibility of the Division of Safety and Security. This past year there were numerous occasions when the Division found situations where an individual or department had undertaken renovation work on their own and had constructed a situation that was both illegal and dangerous.

"It is understood that such renovation work is often undertaken in an effort to avoid what is considered to be the excessive costs of Buildings and Properties. No saving in cost could justify the loss of human life, and the savings in cost are not likely to equal the property damage resulting from fire.

"Each of you is urged to prohibit renovation work of any kind unless one of the following conditions is met:

1) The work is done by the Department of Buildings and Properties.

2) The work is done by an outside contractor employed by the Department of Buildings and Properties and subject to plans and specifications that have the approval of the Division of Safety and Security.

3) Detailed plans for the work to be done by the department have the approval of both the Department of Buildings and Properties and the Division of Safety and Security.

"Code compliance and appropriate safety precautions may be costly, but failure to follow both may be more costly. The Division of Safety and Security is authorized to prohibit the use of any areas that are considered unsafe, and to remove any facilities that do not meet state code.

"Please urge your faculty and staff to comply with these instructions."

Continued from Page 1

last year, Sampson noted.

He attributed the decline to economic factors. Cornell, like most private colleges and universities, charges its regular rate per credit hour (\$65 per credit hour) in the summer. Most state colleges and universities charge as little as \$13.50 per credit hour, on the other hand, Sampson said.

However, the Summer Session/director said that enrollment in other Summer Session programs has increased enough to take up the slack. The Summer Session runs more than 40 of these special programs.

Among them is the Advanced Placement (AP) Program, which has 340 high school seniors studying this summer at Cornell. They are taking regular summer school courses, and if the precocious students pass the courses, they will get placement or credit when they go on to college in 1971.

"They do very well, as far as grades are concerned," Sampson said.

One of the Summer Session's innovations this year is its Studios in Art Program, offering two-week long, one credit courses in graphics, sculpture and other related subjects.

In cooperation with Yale University, Cornell also offers a ten-week Asian Language Program, under the direction of the South East Asia Program at Cornell.

Cornell Summer Session is also hosting a Composers' Workshop, several National Science Foundation (NSF) secondary school programs, a Viol Summer School, a COSEP pre-freshmen (Committee on Special Educational Projects) summer term and even a summer dance workshop.

"We are trying to offer a wide range of courses and programs to students who want to get a broader education," Sampson said.

CORNELL CHRONICLE

Resumption of Chronicle publication for the 1970-71 academic year will be on Thursday, September 3.

Chronicle Comment

Continued from Page 14

solve a problem, they don't wait around. Little things like free time on weekends and evenings disappear for faculty members who for one reason or another are concerned with Constituent Assembly or Senate problems. For this reason Senators or members of task forces or subcommittees of the Senate often will not have time to discuss with their home constituencies. Furthermore, it is important for members of the Cornell community to realize that the press and radio often simply do not get the facts straight in dealing with either the Constituent Assembly or the University Senate. Part of this is because the Senate has not developed adequate communication devices, but a large share of the blame also falls on the communication specialists.

The third and most serious misconception about the change in the academic calendar is that which tries to relate it to the desires of a minority of extreme activists. These tended to oppose the Citizenship Recess. The actual student vote on the calendar was 23 to 16 which was a substantial majority. Since the issue was clearly a rearrangement of priorities in student value systems, I spent the better part of three days trying to find out what was in the student mind. My impression was that the issue simply was (given the problems of the times) that the right of the student to participate in the electioneering process has achieved priority over many other things. It turns out that the opinion of the Student Senators was quite representative of the opinion of Students as a whole as assayed by the Harris Poll conducted by the American Council on Education. "By 57 to 32 percent, students think campus administrators should allow the student body to take time off to participate in the fall's political campaigns for two weeks in October."

Editor's Note. (The writer

refers to a study by the Louis Harris Associates at the request of the American Council on Education. Cornell Chronicle has asked Harris Associates to forward summaries of the survey. The summaries had not arrived at press time. Thus, the Harris survey will be discussed in a September Chronicle.)

This is certainly not a small percentage of students as suggested by opponents of the calendar change including Professor Hamilton. Thus far the Senate has operated as a truly representative University Governing Body. At the least it deserves an effort from the whole community to keep the reported facts about its actions as accurate as possible.

*John H. Whitlock
Professor of Parasitology,
Veterinary Pathology*

Shelter from the Rain

Recent heavy rains have caused substantial damage to academic buildings at Cornell and to building furnishings because windows have been left open.

Cushing Phillips Jr., director of operations for the Department of Buildings and Properties, said today that custodians had to be called into work in normally off-duty hours to mop up flooded spaces.

Phillips has asked the cooperation of all Cornell personnel in correcting the situation.

"The custodial force is instructed to close windows before they leave buildings, but late occupancy sometimes makes this difficult if not impossible," Phillips said. "In any event, the more effective procedure is to have occupants close windows in their own spaces."

Calendar

July 30-September 2

Thursday, July 30

1 p.m. Dance Performance. *Dance on a Hill* by Edith Dearborn and *For the Robins: A Solemn Experience* by Vaughn Siarny. Cornell Summer Dance Group. Hill in front of Andrew Dickson White Museum of Art.

7 and 9:15 p.m. *Cornell University Cinema. *Sleeping Car Murder* directed by Costa Gavras, with Yves Montand, Simone Signoret and Jean-Louis Trintignant. Drummond Studio, Lincoln Hall.

8:15 p.m. *Summer Session Concert. Compositions of Vivaldi, Barber, Fine and Ibert. Dorian Woodwind Quintet. Alice Statler Auditorium.

8:15 p.m. *Ithaca Summer Repertory. *Separate Tables* by Terence Rattigan. University Theater, Willard Straight Hall.

8:30 p.m. Panel Discussion. Committee of Returned Volunteers. Memorial Room, Willard Straight Hall.

8:30 p.m. Dance Performance. *Grove* by Barbara Lloyd. Cornell Summer Dance Group. Hill between Fuertes Observatory and Helen Newman Hall.

Friday, July 31

10 a.m. Reading Session. Reading of new compositions from Professor Karel Husa's music seminar 457, performed by the Dorian Woodwind Quintet. B-21 Lincoln Hall.

7 and 9:15 p.m. *Cornell University Cinema. *The Seventh Seal*, directed by Ingmar Bergman, with Gunnar Bjornstrand, Max von Sydow and Bibi Anderson. Drummond Studio, Lincoln Hall.

7 and 9:15 p.m. *Cornell University Cinema. *Sympathy for the Devil* (7 p.m.) and *One Plus One* (9:15 p.m.), both directed by Jean-Luc Godard and with the Rolling Stones (two versions of the same film — Godard edited *One Plus One* and his producer edited *Sympathy for the Devil*). Alice Statler Auditorium.

8 p.m. Dance Performance. Cornell Summer Dance Group. Grumman Squash Courts.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

Saturday, August 1

9 a.m. Walk through the Cornell orchards led by members of the Department of Pomology. Meet at the orchard storage barn.

5:30 p.m. *Bus trip to the final night of The Hill Cumorah Pageant at Palmyra. Tickets must be purchased by Thursday, July 30. Departure from Willard Straight Hall.

7 and 9:15 p.m. *Cornell University Cinema. *The Seventh Seal* (see July 31). Drummond Studio, Lincoln Hall.

7 and 9:15 p.m. *Cornell University Cinema. *Sympathy for the Devil* (7 p.m.) and *One Plus One* (9:15 p.m.) (see July 31). Alice Statler Auditorium.

8 p.m. Dance Performance. Cornell Summer Dance Group. Grumman Squash Courts.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

Sunday, August 2

11 a.m. Sage Chapel Service. John P. Hoover, program director of The Commons.

6 p.m. Dance Performance. *Herd (for Yvonne)* by Barbara Lloyd. Cornell Summer Dance Group. On the Arts Quad.

7 and 9:15 p.m. *Cornell University Cinema. *Sympathy for the Devil* (7 p.m.) and *One Plus One* (9:15 p.m.) (see July 31). Alice Statler Auditorium.

7 and 9:15 p.m. *Cornell University Cinema. *Night at the Funny House, Number 5*. Drummond Studio, Lincoln Hall.

7:30 - 11 p.m. *International Folk Dancing. Japes Lodge Roof.

8:15 p.m. *Ithaca Summer Repertory. *The Cherry Orchard* by Anton Chekhov. University Theater, Willard Straight Hall.

8:30 p.m. Lecture and films. Featuring Ed Emshwiller, currently directing *Branches*, a feature length film being produced on the Cornell campus. Memorial Room, Willard Straight Hall.

Monday, August 3

10 a.m. Summer Session Adventures in Physics Lecture Series. "Ideas in Quantum Mechanics." Raphael M. Littauer, professor, Department of Physics and Nuclear Studies, Rockefeller B.

1-10 p.m. *17th Annual York State Craft Fair (exhibition and sale of handcrafts with seminars, workshops and demonstrations). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *Night at the Funny House, Number 5*. Drummond Studio, Lincoln Hall.

9 p.m. *Film. *Secret War of Harry Frigg*. Memorial Room, Willard Straight Hall.

Tuesday, August 4

1-10 p.m. *17th Annual York State Craft Fair (see August 3). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *Make Mine Music*, by Walt Disney. Drummond Studio, Lincoln Hall.

9 p.m. *Film. *Wait Until Dark*. Memorial Room, Willard Straight Hall.

Wednesday, August 5

1-10 p.m. *17th Annual York State Craft Fair (see August 3). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *The Pawnbroker*, directed by Sidney Lumet, with Rod Steiger. Drummond Studio, Lincoln Hall.

7:30 - 11 p.m. *International Folk Dancing. Clark Hall Plaza.

8:15 p.m. Summer Session Lecture Series. "The State of the Environment." LaMont C. Cole, professor of ecology. Alice Statler Auditorium.

8:30 p.m. Film. *Death on the Highway*. The Commons, Anabel Taylor Hall.

Thursday, August 6

1-10 p.m. *17th Annual York State Craft Fair (see August 3). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *Grapes of Wrath*, directed by John Ford with Henry Fonda, Jane Darwell and John Carradine. Drummond Studio, Lincoln Hall.

8 p.m. Dance Performance. *Dance on a Hill* by Edith Dearborn and *Grove* by Barbara Lloyd. Cornell Summer Dance Group. Hill between Fuertes Observatory and Helen Newman Hall.

8:15 p.m. *Ithaca Summer Repertory. *Separate Tables* by Terence Rattigan. University Theater, Willard Straight Hall.

8:15 p.m. *Summer Session Concert. Compositions of Husa, Bach, Schubert and Chopin. Seth Carlin, pianist. Alice Statler Auditorium.

8:30 p.m. Panel Discussion. *American Intervention in Laos*. Memorial Room, Willard Straight Hall.

Friday, August 7

1-10 p.m. *17th Annual York State Craft Fair (see August 3). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *Midnight Cowboy*, directed by John Schlesinger, with Dustin Hoffman and Jon Voight. Alice Statler Auditorium.

7 and 9:15 p.m. *Cornell University Cinema. *Don't Look Back*, directed by D.A. Pennebaker, a documentary on Bob Dylan. Drummond Studio, Lincoln Hall.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

Saturday, August 8

10 a.m. - 4 p.m. *17th Annual York State Craft Fair (see August 3). Terrace Dining Hall, Ithaca College.

7 and 9:15 p.m. *Cornell University Cinema. *Don't Look Back*, (see August 7). Drummond Studio, Lincoln Hall.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

8 p.m. Dance Performance. *Dance on a Hill* by Edith Dearborn, *For the Robins: A Solemn Experience* and *Christopher Robin-Plus* by Vaughn Siarny. Cornell Summer Dance Group. Hill in front of Andrew Dickson White Museum of Art.

Sunday, August 9

SUNDAY, AUGUST 9

11 a.m. Sage Chapel Service. The Reverend David W. Connor, University Catholic chaplain.

6 p.m. Dance Performance. *Herd (for Yvonne)* by Barbara Lloyd. Cornell Summer Dance Group. On the Arts Quad.

7 and 9:15 p.m. *Cornell University Cinema. *Midnight Cowboy* (see August 8). Alice Statler Auditorium.

7 and 9:15 p.m. *Cornell University Cinema. *Night at the Funny House, Number 6*. Drummond Studio, Lincoln Hall.

7:30 - 11 p.m. *International Folk Dancing. Japes Lodge Roof.

8:15 p.m. *Ithaca Summer Repertory. *Separate Tables* by Terence Rattigan. University Theater, Willard Straight Hall.

8:30 p.m. Panel Discussion. "Thailand — Precarious Present and Uncertain Future." Memorial Room, Willard Straight Hall.

Monday, August 10

10 a.m. Summer Session Adventures in Physics Lecture Series. "Ideas in Quantum Mechanics." Raphael M. Littauer, professor, Department of Physics and Nuclear Studies, Rockefeller B.

7 and 9:15 p.m. *Cornell University Cinema. *Night at the Funny House, Number 6*. Drummond Studio, Lincoln Hall.

8:30 p.m. *Film. *Cartoons*. The Commons, Anabel Taylor Hall.

Tuesday, August 11

2:30, 7 and 9:15 p.m. *Cornell University Cinema. *Treasure Island*, directed by Walt Disney, with Bobby Driscoll and Robert Newton. Drummond Studio, Lincoln Hall.

8:15 p.m. *Dance Concert. Cornell Summer Dance Group. Performing Arts Building, Ithaca College.

9 p.m. *Film. *The Great Race*. Memorial Room, Willard Straight Hall.

Wednesday, August 12

7 and 9:15 p.m. *Cornell University Cinema. *The Virgin President*, directed by Graeme Ferguson, with Severn Darden. Drummond Studio, Lincoln Hall.

7:30 - 11 p.m. *International Folk Dancing. Clark Hall Plaza.

8:15 p.m. *Dance Concert. Cornell Summer Dance Group. Performing Arts Building, Ithaca College.

Thursday, August 13

7 and 9:15 p.m. *Cornell University Cinema. *The Virgin President*, (see August 12). Drummond Studio, Lincoln Hall.

7 and 9:15 p.m. *Cornell University Cinema. To be announced. Alice Statler Auditorium.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

8:30 p.m. Dance Performance. *Grove* by Barbara Lloyd. Cornell Summer Dance Group. Hill between Fuertes Observatory and Helen Newman Hall.

Friday, August 14

7 and 9:15 p.m. *Cornell University Cinema. To be announced. Alice Statler Auditorium.

8 p.m. Dance Performance. *The Good Body Section and Dervish* by Barbara Lloyd. Cornell Summer Dance Group. Gymnasium, Helen Newman Hall.

8:15 p.m. *Ithaca Summer Repertory. *A Flea in Her Ear* by Georges Feydeau. Performing Arts Building, Ithaca College.

8:15 p.m. *Ithaca Summer Repertory. *Oh Dad, Poor Dad, Mama's Hung You in the Closet and I'm Feeling So Sad* by Arthur Kopit. University Theater, Willard Straight Hall.

Saturday, August 15

8:15 p.m. *Ithaca Summer Repertory. *Separate Tables* by Terence Rattigan. University Theater, Willard Straight Hall.

8:15 p.m. *Dance Concert. Cornell Summer Dance Group. Performing Arts Building, Ithaca College.

Sunday, August 16

7:30 - 11 p.m. *International Folk Dancing. Japes Lodge Roof.

8:15 p.m. *Ithaca Summer Repertory. *The Visit* by Friedrich Durrenmatt. Performing Arts Building, Ithaca College.

Sunday, August 30

7:30 - 11 p.m. *International Folk Dancing. Japes Lodge Roof.

*Admission charged.

Attendance at all events is limited to the approved seating capacity of the hall.

The Cornell Chronicle Calendar is jointly prepared by the Office of the University Secretary, 312 Day Hall, and the Office of Public Information, 110 Day Hall.