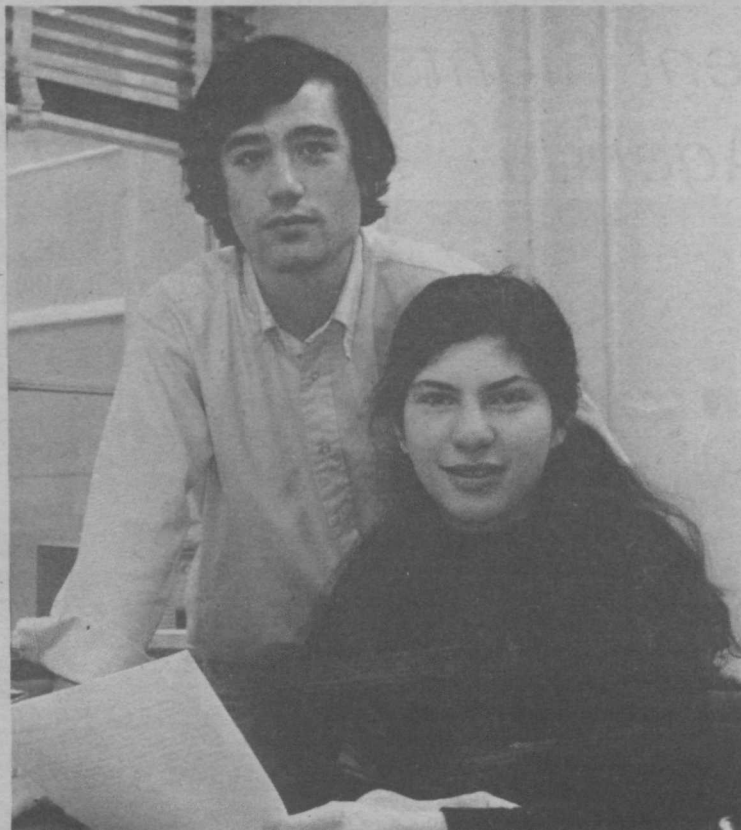


Trustees Act To Change C.U. Charter

The Executive Committee of the Cornell Board of Trustees has adopted a statement of intent to add several new members to the board, provided that the New York State Legislature passes legislation to permit necessary changes in the University's charter.

The trustee statement, and the proposed legislation, would add five student trustees, two elected by the student body, two elected by the student membership of the University Senate, and one elected by the student bodies at the Medical College, the School of Nursing and the Graduate School of Medical Sciences in New York City.

It would also add two additional faculty trustees to the four who are now members of the Board of Trustees. Four of
Continued on Page 7



TRUSTEES — Gordon Chang and Louise Shelley were elected trustees by the student body last week.

New Policy Urged For Migrant Camp

The College of Agriculture and a University Senate committee have taken opposing positions on the future of the Cornell-owned Cohn Farm and migrant labor camp in upstate New York, in separate statements issued yesterday.

Charles E. Palm, dean of the New York State College of Agriculture said yesterday that the college "has taken steps to mechanize the harvest operations for processing varieties of fruits grown on the Cohn Farm at Sodus, New York, and will no longer maintain a migrant labor camp on the property."

Robert Gottlieb '72, chairman of the Senate's Minority and Disadvantaged Interests Committee, which has been investigating various possible actions which the University can take on the camp, termed Palm's statement "totally unacceptable to the committee."

"We are not questioning the Agriculture College's right to deal with modern mechanization on its farm," Gottlieb said yesterday, "but we have here (in the Cohn Farm) the perfect opportunity to use the resources of the Cohn Camp in such a way as to commit ourselves to seeking to solve human problems as well as mechanical problems."

Members of the minority and disadvantaged interests committee met Monday with Palm, at which time Palm expressed to the committee members the College of Agriculture's position on the labor camp.

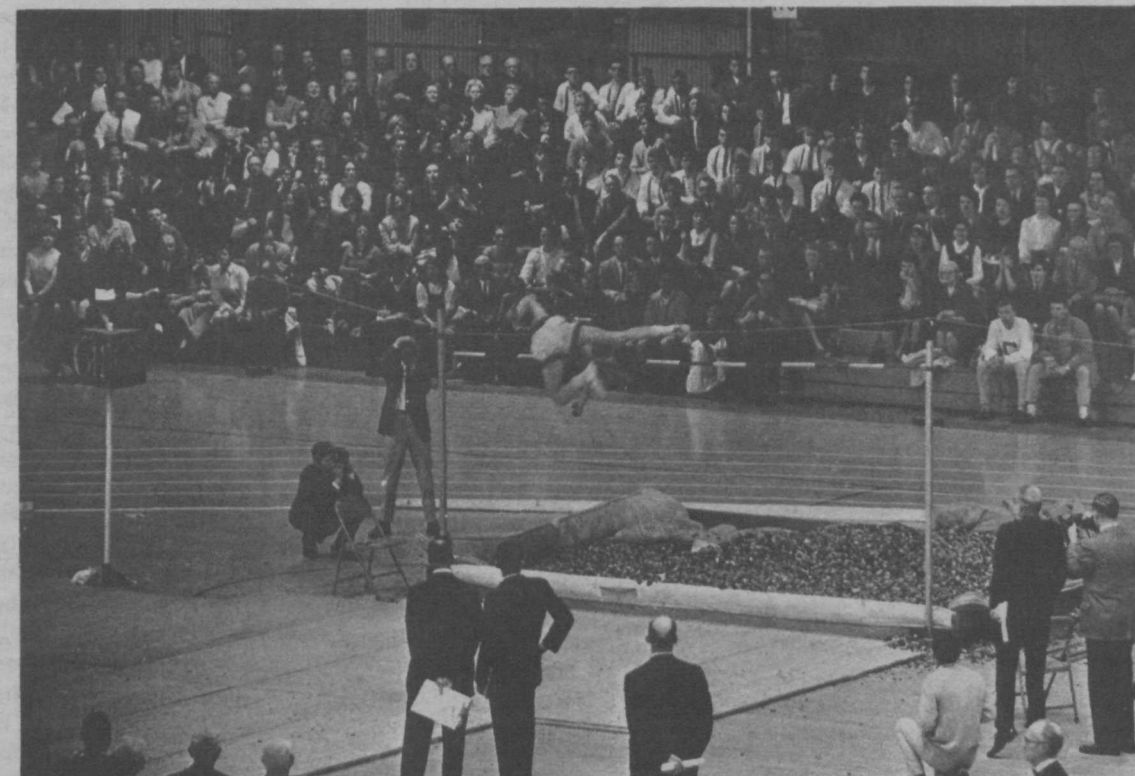
The issue centers around the Cohn Farm, located in Wayne County, a commercial farm which has employed, through last year, migrant laborers, and has facilities for the workers known as "Cohn Camp." The farm was bequeathed to the Agriculture College by Herman M. Cohn in 1961. According to Palm's statement, the farm "under terms of the gift to the University, is to be operated as a commercial farm." The Agriculture College "will not plan to use migrant labor in the operation of the farm in the future," Palm said, and instead "has reached a decision to move towards mechanization in the harvesting process, in keeping with the trends of the fruit

industry."

The Senate committee has countered this action by discussing proposals to alleviate the situation of migrant workers.

Gottlieb said that his committee is "against the use of migrant labor as it has been used in the past. We would like to see the Ag School take no immediate

Continued on Page 2



UP AND OVER — High jumper clears the 6-11 mark at the 1969 Heptagonal track meet in Barton Hall. This year's meet, Saturday, features a potentially tight four-way race, with the Big Red harriers entering their strongest team in years.

Students and Senate Name Five Trustees

Cornell University students have elected sophomore Gordon Chang and junior Louise Shelley to be the first elected student trustees on the University's Board of Trustees.

The two were elected by the student body in the trustee and senate elections held February 16 in Barton Hall. Results of the elections must be approved by the Senate tonight at a 7:30 meeting in Kaufmann Auditorium, Goldwin Smith Hall.

Paul Olum, professor of mathematics, was uncontested in his bid for faculty trustee elected by the student body.

Two students were elected trustees last night by the student members of the University Senate. They are: Robert C. Gottlieb '72 and Stephenie Seremitis '71. Gottlieb will serve a two-year term, Miss Seremitis for one year.

Gottlieb is a student in the School of Industrial and Labor Relations. "I think first of all it will be very frustrating," he said, referring to serving on the Board of Trustees as one of only four students on that body. He indicated his concern for keeping communications open between the community and the Board. In answer to a question from a student senator concerning whether Gottlieb would divulge information from the Board of Trustees to the community, he said, "I can only say I would not break a confidence." He added that he

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CORNELL CHRONICLE

The official weekly of record for Cornell University

Vol. 2 No. 22

Thursday, February 25, 1971

Strong Cornell Harrier Squad Hosts Heps

A four-way contest for team honors is expected to supplant a long-standing duel between Harvard and Army in the 24th Heptagonal track championships this Saturday night in Barton Hall.

Pennsylvania and Cornell are capable of challenging the perennial winners, with Penn appearing the strongest threat, in the 10-team meeting of the Ivy League schools and service academies, held here for the

Continued on Page 5

Med College, Four Other Groups Plan Expansion

The Cornell Medical College and School of Nursing are among the medical and scientific institutions that have proposed expansion of their facilities in New York City through development of air space over the East River Drive in Manhattan.

Details of the proposal were first revealed in The New York Times in an article on page one of the Wednesday, February 17, edition.

Included in the institutions which are located adjacent to each other on the east side of Manhattan are: The Rockefeller University, New York Hospital-Cornell Medical Center, the Hospital for Special Surgery, the Memorial Sloan-Kettering Cancer Center and the Manhattan Eye, Ear and Throat

Hospital. The Cornell Medical College is located at 1300 York Avenue. Together, these institutions form one of the largest centers of medical treatment and scientific research in the world.

In a joint proposal to the City of New York and to New York State, the institutions have requested the use of the air space over the East River Drive from 62nd to 71st Street. The institutions have stated that their proposal presents an optimal plan for accomplishing the growth and development needed "to maintain present levels of excellence and distinction." The expansion program was estimated to require at least a

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Chronicle Capsule

STUDENT RIGHTS bill subject of Senate debate.	Page 2
BATS may get a new image.	Page 3
FACULTY SALARIES in future examined by faculty committee.	Page 4
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HAP analysis—Part II	Page 6

Senate Debates Student Rights; McGraw Tower Bell To Toll for Indochina Dead

Bill Set for Tonight's Agenda

The rights of students were the concern of the Senate Tuesday night as it debated nearly two hours over a statement of those rights. Action on the statement may be taken at the Senate meeting at 7:30 p.m. today in Kaufmann Auditorium, Goldwin Smith Hall.

If the statement is passed by the Senate, the parts of it that are not related to academic areas would become effective legislation upon the establishment or definition of judicial procedures to support the statement of student rights.

The academic parts of the statement would be operative only after consultation with the Faculty Council of Representatives, which has jurisdiction over academic concerns.

J. R. Barlow Named Assistant to Corson

Federal administrator J. Robert Barlow has been named an assistant to the president of Cornell in a new position concentrating on liaison between the University and the federal



J. ROBERT BARLOW
Federal Liaison Assistant

government.

Barlow, whose appointment is effective in April, is presently special assistant to Dr. Edward E. David Jr., director of the U.S. Office of Science and Technology (OST) and science advisor to President Richard M. Nixon.

University President Dale R. Corson said, "Mr. Barlow's appointment reflects the importance of federal policy, legislation and funding to programs at Cornell."

Corson said Barlow's federal liaison responsibilities will

emphasize contact with the Congress and various federal agencies which fund or potentially might fund programs at Cornell.

He indicated that Barlow will spend the majority of his time on the Ithaca campus, working with various branches of the University affected by federal policies, but he will also make frequent trips to Washington in order to represent the University.

As special assistant to the director of OST, Barlow, since 1966, has been responsible for public affairs activities of that office including Congressional liaison, public information, press relations and liaison with state and local government. In five previous years as special assistant to the OST director, he was responsible for energy policy; water desalting; effective use of federal laboratories; and also served as principal administrative officer of OST.

From 1954 to 1963, Barlow served in various editorial capacities for the monthly journal, Nuclear Industry. He was editor of the publication from 1959 to 1963. In the two years before joining the editorial staff of Nuclear Industry, Barlow was an administrator with the U.S. Atomic Energy Commission (AEC).

Barlow received a bachelor of arts from Bowdoin College in 1950 and a master's degree in public affairs from the Woodrow Wilson School at Princeton University in 1954.

He served with the U.S. Army from 1945 to 1947. He is a member of the American Association for the Advancement of Science, American Nuclear Society, National Association of Science Writers, National Press Club and the National Trust for Historic Preservation. He is married to the former Nancy Y. Schmalz. They have three children.

The statement includes provisions protecting the rights to study, to speak, the right of association, the rights to listen, to private records, to private quarters and to redress of grievances.

David E. Fritchey, law senator and chairman of the Codes Committee, which formulated the statement on student rights, explained that the statement is not expected to fulfill the requirement of the Senate constitution for a Bill of Rights for the Cornell community.

The proposed statement of student rights would be a basis on which the new Senate could work towards the goal of a

Continued on Page 4

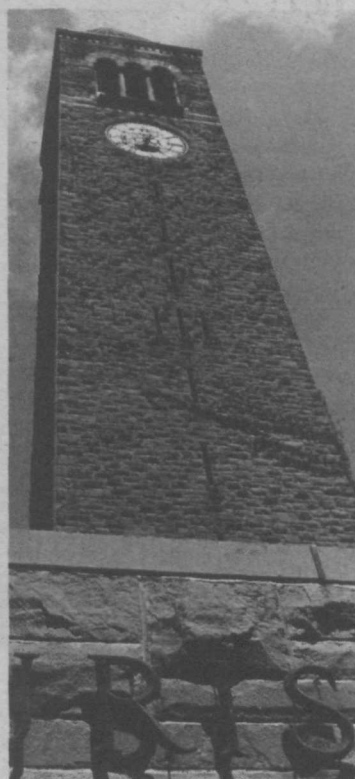
Cornell Theatre To Produce Ibsen's Drama, "Wild Duck"

The play considered by many to be Henrik Ibsen's warmest, most human work — *The Wild Duck* — will be produced by the Cornell University Theatre (The Department of Theatre Arts) beginning the first week of March. Performances will be given March 4 through 7 and March 11-13, with an 8:15 p.m. curtain, in the University Theatre in Willard Straight Hall.

Tickets for *The Wild Duck* go on sale today following a three-day Season Ticket scrip exchange, at the University Theatre Box Office, lower floor of Willard Straight. Box Office hours are 12-3 p.m., Monday through Saturday. Telephone reservations may be made during those hours.

In *The Wild Duck*, Ibsen acknowledges the fact that the little people of the world are often better off with their illusions. Bernard Shaw, one of the first to acclaim the play as the masterpiece it is, and while serving in his capacity as critic, wrote: "Where shall I find an epithet magnificent enough for *The Wild Duck*? To sit there getting deeper and deeper into that Ekdal home, and getting deeper and deeper into your own life all the time, until you forget that you are in a theatre; to look on with horror and pity at a profound tragedy, shaking with laughter all the time at an irresistible comedy; to go out, not from a diversion, but from an experience deeper than real life ever brings to most men, or often brings to any man; that is what *The Wild Duck* was like last Monday at the Globe."

The story of the play concerns the Ekdal and Werle families. Old Ekdal and Haakon Werle were once partners in a prosperous business which Werle still owns. Ekdal was imprisoned and disgraced, and now exists on the money Werle pays him for incidental work. When the play opens, Werle is giving a dinner in his home honoring his son, Gregers, who has just returned home. Gregers has insisted on inviting Ekdal's son, Hjalmar, who is a much admired and



BRINGING THE WAR BACK HOME — Vietnam Mobilization Committee members will again ring the McGraw Tower great bell, pictured above, in memory of Indochina War dead.

The McGraw Tower great bell will be rung again next week in memory of those who have died as a result of the war in Indochina. The Vietnam Mobilization Committee (the Mobe) will begin ringing the bell starting 12:05 p.m. Monday (March 1) for a one-week trial period.

The bells will ring for six minutes a day at a rate of one ring for every 10 seconds. Each ring will represent 10 deaths. The project has been approved by Provost Robert A. Plane.

"We feel there's a need to show continuous concern for the loss of life on both sides," said Douglas Kenyon, graduate student and member of the Mobe.

Kenyon said the bell project may continue for more than one week if public support is received. Petitions in support of the project will be available at the Mobe desk in Willard Straight Hall from Monday through Friday, March 5.

The bell project first was started in December but was cut short after one day as a result of complaints of excessive noise which were received by the University administration.

The number of bell tolls per minute has been reduced, Kenyon said, to emphasize the mournful tone of the project.

Migrant Camp

Continued from Page 1

action in the area of mechanizing the Cohn Farm until all the implications of such an action are studied, and all proposals which would aid the migrant workers are considered."

Palm said in his statement that "This change (eliminating the use of migrant labor) has been under consideration for more than a year and the final decision was arrived at and communicated to the University Administration on February 8, 1971."

"Cherries, prunes, apples and pears are produced on the Cohn Farm. During recent years the trend of the fruit industry has been toward mechanization. The College has been working in this area at the Cohn Farm during recent years. Commercial fruit growers are harvesting red tart cherries mechanically, and are moving toward successful mechanical harvesting of processing varieties of apples. Grapes have moved rapidly to mechanical harvesting in New York State. These trends are a part of a national effort in various production areas of modern agriculture," Palm said.

"The College feels it appropriate on the Cohn Farm, which under terms of the gift to the University is to be operated as a commercial farm, to move with these state and national trends. A staff that provides year around service for the farm operations will continue," he said.

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New Image in the Belfry

Bradbury Studies Bat Behavior

Bats, the winged mammal with an unsavory reputation, may get a shiny new image as a result of research being conducted by a Cornell animal behaviorist.

Jack W. Bradbury, assistant professor of neurobiology and behavior is finding that the bat's reputation of being socially disorganized is not always deserved—in fact, many species of the mammal lead very complicated lives in families or even in the bat equivalent of a harem.

Indeed, the male bat apparently will defend his possessions with a jealous tenacity.

A portion of Bradbury's study involves three species of bats in the tropics of the Western Hemisphere. These are the Greater Spearnose Bat; the Lesser Spearnose Bat; and the White Lined Bat, whose behavior ranges from an easy-going social life to a very aggressive one.

The Greater Spearnose Bat—so called because of a spear-like projection on its nose for sending out sonar signals—has a stable harem with little turnover and few fights. The harem apparently forms when a male attaches itself to a group of females who have voluntarily congregated together. Because of its relatively peaceful existence, this species, which lives in caves, has not had to develop a complicated system of social signals with which to communicate.

On the other hand, the Lesser Spearnose male, Bradbury has found, which lives in hollow trees, has a hectic existence in which other males are constantly attempting to steal his females for their harems. With such goings on, this species has found it necessary to evolve a very elaborate set of social signals.

Joining a harem of a Lesser Spearnose is a much tougher proposition for a female bat than one trying to attach itself to a colony of Greater Spearnoses. For one thing, each prospective candidate for the Lesser Spearnose harem must undergo an intimate examination by other females of the harem. If rejected, she must go away and find another harem or come back some other time.

The third species that has a harem, the White-Lined Bat, lives on the bark of trees and maintains colonies of female bats which are constantly changing in membership. There is tremendous competition in this species for females which come and go from various harems. The White-Lined Bat has developed a large repertoire of signals with which it attracts females or keeps other males out.

Bradbury's studies indicate that there might be some relation between social stability and the number and kinds of signals the bats use. For that reason, he is anxious to investigate the social behavior and signals of other species and compare them with what he has found in his studies of the three species.

Next June he plans to go to a field station in northeast Gabon to study the social system of the Hammer Headed Fruit Bat and the Epauleted Bat. All of his studies, he said, are designed to shed more light on the social structure of other mammals, including primates and man.



BATMAN — Jack W. Bradbury, assistant professor in the Division of Biological Sciences, holds a Greater Spearnose Bat, one of the species he is studying.

International Dorm Residents Praise ILC in Survey

In a recent survey, students in North Campus Dorm 8, Cornell's international living center, called it a comfortable and friendly place to live, with opportunities for learning about cultures other than their own. The missing ingredient, they said, is an organized program to bring all residents together.

Students generally like Dorm 8's layout, the survey showed, particularly its four small lounges, each with a kitchenette, which are gathering places for parties or just talking with other residents. Many complained about inadequate cooking facilities, however. When 130 persons share four kitchenettes, chaos results. Other drawbacks noted in the survey are the center's high room rents and its distance from the center of campus.

Although 48 per cent of the survey respondents said there is a definite need for more social programs at the center, few agreed on how to bring this about.

The center opened last September with little advance publicity. At present there are 67 foreign students and 63 Americans in residence. Because of January examinations only 21 foreign students and 26 Americans were available for survey interviews. Karen Bose, an intern in the International Student Office, conducted the survey.

Recently the center's residents formed a policy committee with Tom Lewis, Arts '73, its chairman. He is also a vice chairman of Cornell's International Activities Group

which has its offices at the center.

"There's no magic formula that will please everybody," Lewis said about building social programs. "Considering we started only last fall, I think we've come a long way. Just spreading the word about the center will help." He added that students living in the center will help choose next year's head resident.

The center is already advertising for new residents. The International Student Office starts accepting applications this week.

Revolutionary Line-up



NO FINGER PRINTS — Sarah Bodine, coordinator of the Russian art exhibit which opened yesterday at the Andrew Dickson White Art Museum arranges a celluloid sculpture done by Naum Gabo in 1927. The exhibit, which features some 60 avant-garde works of the pre-and post-Russian revolutionary period, will run through March 25.

Physicists Seek Pulsar Information

Physicists from Cornell University and the Smithsonian Astrophysical Observatory have sent aloft the largest gamma ray telescope ever to be flown in an effort to learn more about radiation emitted by the pulsar in the Crab Nebula.

A pulsar is an object which emits enormous, precisely spaced bursts of energy. They are thought to be stars that have collapsed into objects of extreme density which spin at tremendous rates of speed and emit radio and light pulses with each revolution.

The 2,500-pound instrument was sent to a height of 107,000 feet—a little more than 20 miles—at the National Center for Atmospheric Research facility in Palestine, Texas, on Feb. 13. It was recovered the following day in a field on the outskirts of Laurel, Miss., approximately 400 miles away. The telescope was the largest instrument of any kind ever launched at the Palestine center.

The telescope, which is 20 feet long and 10 feet in diameter, was carried to the stratosphere by a 10,600,000-cubic-foot balloon provided by the National Aeronautics and Space Administration (NASA). At this height, the atmosphere is slightly less than one per cent of sea level atmosphere.

The gamma ray telescope was built at Cornell by a group directed by Kenneth I. Greisen, professor of physics and nuclear studies. Giovanni Fazio and other scientists at the Smithsonian

collaborated with the Cornell team in the experiment.

Greisen said the data gleaned by the telescope is now being analyzed. The Crab Nebula in which the pulsar is located is a cloud of swirling, rapidly growing gas that is the remnant of supernova or star explosion that took place in 1054.

This pulsar is known to emit x-rays and low energy gamma rays and members of the Cornell team and their colleagues are trying to determine if it also emits high energy gamma rays. This, the scientists said, might help clarify the emission mechanism taking place in the pulsar.

The telescope was launched with funds supplied by NASA and the National Science Foundation (NSF).

Eisner Honored

Thomas Eisner, professor of neurobiology and behavior in the Division of Biological Sciences, has been named a fellow of the Animal Behavior Society.

Eisner, one of seven in the country to be elected a fellow of the society this year, was selected for his "distinguished contributions in the field of animal behavior."

Eisner earned a bachelor of arts degree in 1951 at Harvard University and a doctor of philosophy degree from Harvard in 1955.

He joined the Cornell faculty in 1957 as an assistant professor. He was promoted to associate professor in 1962 and to professor in 1966. He is a member of the National Academy of Sciences, the American Academy of Sciences and the American Society of Naturalists. He is a member of the National Council of the Nature Conservancy and a member of the board of directors of the National Audubon Society.

In 1968 he shared the Newcomb-Cleveland Prize of the American Association for the Advancement of Science with Edward O. Wilson of Harvard University.

Prof. Fink Gives Biology Lecture

Gerald R. Fink, assistant professor of genetics, will speak on the topic "Man vs. Microbes: a Continuing Battle" in the next session of the University's Biology and Society series. His talk will be presented at 8:15 p.m. next Monday, March 1, in the Alice Statler Auditorium.

The lecture is part of a two-hour credit course but also is open to the public. The series is sponsored by the University's Division of Biological Sciences, the New York State College of Agriculture and the Program on Science, Technology and Society.

Birth Control Survey Participants

The results of the survey on Birth Control Measures have been published. Those who want to receive a reprint can ask for them either at Rice Hall, Room 102, or by sending a note to A. van Tienhoven (102 Rice Hall) requesting the reprint of *Education and the Population Explosion*.

Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty William T. Keeton, 315 Day Hall, 256-4843.)

Committee on the Economic Status of the Faculty

A Report on Faculty Salaries for 1970-71

Salaries and total compensation have grown at different rates in the Endowed and Statutory Units in recent years, and this is especially true in the current academic year. The average compensation for all full-time faculty in the Endowed Divisions increased \$1,045 (5.8 per cent) over 1969-70. In the Statutory Divisions, a gain of \$2,115 was realized for an increase of 11.6 per cent (Table 1). The Statutory Divisions passed the Endowed Divisions for the first time in 1969-70, and the gap widened in 1970-71. Three factors are at work in this widening gap. First, historically the full professors in the Statutory Divisions had a substantially lower average compensation than their counterparts in the Endowed Divisions, but this deficiency was practically eliminated this past year (Table 2.) Second, the proportion of faculty at the professor and associate professor rank in the Statutory Divisions, 50 per cent and 28 per cent, is higher than the 42 per cent and 21 per cent in the Endowed Divisions (Table 4). The third factor is, of course, the substantial salary increase accorded all State employees last year which averaged 9.6 per cent for Cornell faculty (Table 3). In the Endowed Divisions, where an election year was overshadowed by a budget deficiency, the salary increases were a more modest 5.9 per cent with the full professors moving up the least, 4.8 per cent (Table 3).

Faculty salaries in the two Divisions at Cornell will probably continue to move at different rates. For the Endowed Divisions the picture for 1971-72 is quite bleak — current projections aim to set aside 3½ per cent of total salaries for highly selective pay raises. With a 5-6 per cent rate of inflation many faculty members will obviously experience continuing deterioration in real incomes. In the State Units a different situation seems to have emerged with the advent of the Taylor Law. Although Cornell faculty in State Units are not covered by the Taylor Law, they obviously benefit from other groups whose actions affect salaries across the State system. Thus, while Governor Rockefeller's budget apparently is in trouble, State employees (not Cornell faculty) are expected to receive a 7 per cent pay increase, and this may in turn influence salaries received by faculty in the Statutory Units.

Another important emerging difference between Statutory and Endowed Units is the tendency for the State to fund relatively large across the board pay raises while Cornell's administration follows a policy

of selective merit increases in the Endowed Units. Both plans have merit and obviously would be viewed differently by particular individuals, but to have both systems on the same campus in different units is bound to cause problems. To the extent that the salaries in Cornell's Statutory Units reflect what is going on at other public universities and particularly other SUNY units, it may well mean that the Cornell Endowed Units and private universities in general will have trouble attracting the best talent.

The budget crunch at Cornell has been well publicized and is indeed serious. Although this year may be an exception, average salaries must keep pace with inflation (if real incomes are to be maintained) and with our competition over time (if the quality of the faculty is to be maintained). Since many other private universities face a similar financial situation and since in some fields the supply of good people seems to exceed demand, a one year setback may not seem serious. But we maintain that it is very serious. A majority of the faculty in Cornell's Endowed Divisions should not be faced with a number of years in which their real purchasing power decreases.

For the next five years, at least, Cornell's Endowed budget is going to continue under real pressure. Even if rates of inflation moderate we will need a cumulative increase of 25 per cent as a minimum by the year 1974-75. Where it will come from is the big question that the faculty must consider. The economic alternatives seem fairly clear; i.e., higher tuition and more students with the same number of faculty; higher tuition, same number of students with fewer faculty; more students in the more efficient units; and so on with many possible combinations. It is time for the faculty collectively to consider their productivity and to consider efforts to change the economic facts of life.

We feel that the new Faculty Council of Representatives should give top priority to this situation, perhaps through a task force, and present the faculty with alternative courses of action for study and consideration. The faculty cannot afford to ignore the problem of declining real incomes nor can they leave it solely in the hands of the Central Administration and the Deans. If the faculty is to maintain and improve its economic position, it must be prepared to play a larger role in the economic system and budgeting process at Cornell.

For the Committee,
D. L. Call, Chairman

Table 1. Average Compensation (Salary and Fringe Benefits), Full-Time Faculty, 9-Month Basis

Academic Year	Endowed divisions	Cornell		
		Annual change	Statutory divisions	Annual change
		dollars		
1965-66	15,109	653	13,368	1,601
1966-67	15,762	633	14,969	1,187
1967-68	16,395	930	16,156	539
1968-69	17,325	815	16,695	1,600
1969-70	18,140	1,045	18,295	2,115
1970-71	19,185		20,410	

a/ Fringe benefits include Cornell's or N.Y. State's outlay for social security, retirement, medical insurance, and tuition for faculty children.

Table 2. Cornell Average Salary and Compensation by Rank and by Division 1970-71 and 1969-70, 9-Month Basis

Division and Rank	1970-71			1969-70		
	Average Salary	Comp.	AAUP Rating	Average Salary	Comp.	AAUP Rating
	dollars	dollars		dollars	dollars	
Endowed						
Professor	21,509	25,077	2	20,691	23,788	A
Assoc. Prof.	15,096	17,763	2	14,569	16,708	AA
Asst. Prof.	11,928	14,091	3	11,018	12,714	AA
Instructor	8,775	10,587	4	9,484	10,997	AA
Statutory*						
Professor	19,278	24,685	2	18,194	21,728	B
Assoc. Prof.	14,951	19,179	1	13,917	16,578	AA
Asst. Prof.	12,747	16,358	1	11,523	13,657	AA
Instructor	7,376	9,605	9	7,822	9,364	A

*At the request of AAUP, Statutory Units now include only faculty members who devote ½ time or more to instruction; previously all full-time faculty were included. The number reported on for 1970-71 was 323 compared with 682 total. A special analysis indicates no significant differences in the average salaries of the two groups, so figures for previous years will not be adjusted and will be used as a basis for comparison.

Table 3. Average Salary Increases for Faculty on Staff Both Years 1969-70 and 1970-71, 9-Month Basis

	Endowed Units		Statutory Units	
	per cent	change	per cent	change
Professor	4.8		9.9	
Assoc. Prof.	6.6		7.9	
Asst. Prof.	8.4		10.8	
Instructor	6.2		20.5	
All Combined	5.9		9.6	

Table 4. Number of Full-Time Faculty by Rank 1970-71 by Divisions

Rank	Endowed Divisions			Statutory Divisions*		
	Number	%	Change From 1969-70	Number	%	Change From 1969-70
Professor	340	42	+ 13	334	50	+ 20
Assoc. Prof.	168	21	+ 4	187	28	- 27
Asst. Prof.	282	35	+ 27	135	20	+ 1
Instructor	14	2	- 18	12	2	+ 2
Total	804	100	+ 26	668	100	- 4

* Total Faculty not just instructional staff referred to in Table 2.

Table 5. AAUP Average Compensation Rating Scales For Category I Institutions, 1970-71

Rank	1	2	3
Professor	25,740	24,580	23,410
Assoc. Prof.	17,990	17,650	17,310
Asst. Prof.	14,550	14,150	13,750
Instructor	11,460	11,200	10,940

Rabin Highlights IFC Schedule

Israeli Ambassador Lieutenant General Yitzhak Rabin will speak on "The Middle East Crisis" at 8 p.m. Sunday in Bailey Hall, as part of the Inter-fraternity Council (IFC) week activities.

Also scheduled to appear next week under IFC Week are Richard N. Gardner, professor of law at Columbia University, and Leonid N. Kutakov, United Nations Under-Secretary-General in charge of Political and Security Council Affairs. Gardner, whose topic will be "International Action to Promote the Quality of Life," will speak at 8 p.m. Monday (March 1) in the Memorial Room of Willard Straight Hall. Kutakov will speak on "The U.N. and Disarmament" at 8 p.m. Thursday, March 4, in Bailey Hall.



Straight Scoop

Feb. 26, at 9:00 pm in the WSH Memorial Room a concert by *Nash, Large, and Ross*. Admission is \$1.00. Immediately following the concert is a midnight breakfast. Admission to the "Past-Concert Breakfast" is \$1.00 with a menu including pancakes, sausage, peaches and a beverage.

Feb. 27 in the WSH Memorial Room the Ithaca Area Friends Bluegrass and University Unions present "Country Blues" with Larry Johnson.

Senate

Continued from Page 2

community Bill of Rights, he said.

In other actions the Senate:

— Established an Internal Operations Committee, consolidating the Nominations and Elections, the Bylaws and Credentials committees.

— decreased the membership of the Campus Life Committee.

— established a subcommittee on Organization and Public Events.

— established a Community Affairs Committee to "investigate the University's relationship with the Ithaca area and Tompkins County."

— approved changes in committee membership guidelines.

— defeated a proposal to merge the Codes and Judiciary committees.

The Senate Page

The Senate Page is the official bulletin of the Senate. Publication is supervised by Kay R. administrator, 133 Day Hall, 256-3715.

Election Results

The following list of names presents the unofficial results of the February 16 election. The results will be considered for official approval at the February 24 meeting of the Senate. The Senate will base its actions from a recommendation made at yesterday's joint meeting of the Elections and Credentials Committees.

The ballots were counted according to the Hare system of proportional representation. The counting procedure was supervised by Assistant Professor Ellis Horowitz of the Computer Science Department.

Student Trustees: 2,731 ballots cast; 19 candidates running for 2 seats; 911 votes needed for election; voter turnout, 18.29 per cent: Gordon Chang, Louise Shelley.

Faculty Trustee: uncontested: Paul Olum, professor of mathematics.

Arts and sciences undergraduates: 880 ballots cast; 49 candidates for 13 seats; 63 votes needed for election; voter turnout, 25.25 per cent: Steven Bienstock, Amy Davis, Tom Gazianis, Eliot J. Greenwald, Scott Kantor, Dale Kesten, Clifford Mass.

Walter Mooney, Thomas Permut, Robert Platt, Amy Porges, Mike Silver, Peter Yang.

Engineering undergraduates: 427 ballots cast; 15 candidates for 8 seats; 48 votes needed for election; voter turnout, 21.91 per cent: Steve Baran, Harry Brewster, Charles Cappanari, Robert Hobbs.

Gary Melnick, Riaz A. Padamsee, Douglas Reith, Michael R. Tofalo.

Agriculture undergraduates: 401 ballots cast; 18 candidates for 9 seats; 41 votes needed for election; voter turnout, 16.20 per cent: Daniel Briggs, Neil Brown, Steven Forward, David Freedman, David Lowens.

Keith Malchoff, Sid Storozum, Glenn Wallis, Mark Wurzel.

Grad School and aerospace students: 331 ballots cast; 14 candidates for 13 seats; 24 votes needed for election; voter turnout, 9.49 per cent: John Cherniavsky, Dwight E. Collins, Glenn H. Coulter, Peter Heywood, Jean Ispa, George H. Johnson, Jonathan Katz, Alois F. Kertz, Ellen C. Mandell, Cyril Sagan, Irish Scully, Stanley A. Strauss, Guy A.J. Tops.

Industrial and labor relations undergraduates: 175 ballots cast; 11 candidates for 2 seats; 59 votes needed for election; voter turnout was 37.88 per cent: Roger B. Jacobs, Nancy P. McCarthy.

Architecture, art and planning undergraduates: 55 ballots cast; 3 candidates for 1 seat; 28 votes needed for election; voter turnout, 16.72 per cent: L.

Michael Goldsm Business

administration ballots cast; 50 seats; 27 votes needed for election; voter turnout, 18.29 per cent: James

Veterinary medicine: 30 ballots cast; 1 seat; 16 votes needed for election; voter turnout, 18.29 per cent: Tom M.

Law students: 34 votes needed for election; voter turnout, 18.29 per cent: David E. Fritch, Natelson.

Human undergraduates: 36 votes needed for election; voter turnout, 18.29 per cent: Joan Oremland, Patricia Rothb.

Agriculture, botanical sciences: 51 ballots cast; 6 candidates for 6 seats; 6 votes needed for election; voter turnout, 32.08 per cent: W. Lorbeer, R.

Agriculture, botanical sciences: 9 ballots cast; 2 candidates for 2 seats; 2 votes needed for election; voter turnout, 14.06 per cent: Peter Steponkus.

Agriculture, animal and food: 37 ballots cast; 3 seats; 10 votes needed for election; voter turnout, 18.29 per cent: J. Robert

Arts and sciences: 7 candidates for 7 seats; 7 votes needed for election; voter turnout, 20.41 per cent: Elizabeth Asmis, James Matlack.

Arts and sciences, tenured faculty: 6 ballots cast; 6 seats; 6 votes needed for election; voter turnout, 18.29 per cent: J.M. Neisser.

Arts and sciences, non-tenured faculty: 4 candidates for 4 seats; 4 votes needed for election; voter turnout, 18.29 per cent: J. Earle, D. B. Fil

Arts and sciences, non-tenured faculty: 41 ballots cast; 4 candidates for 4 seats; 4 votes needed for election; voter turnout, 32.80 per cent: J. Hammes, Paul

W. Wilkins.

Arts and sciences, natural sciences and math, non-tenured faculty: 11 ballots cast; 4 candidates for 2 seats; 4 votes needed for election; voter turnout, 15.94 per cent; James R. Houck, Howard Howland.

Engineering, tenured faculty: 46 ballots cast; 8 candidates for 6 seats; 6 votes needed for election; voter turnout, 28.75 per cent; Richard H. Gallagher, Martin W. Sampson, Byron W. Saunders, James S. Thorp, D. L. Turcotte, Robert L. Wehe.

Human ecology, tenured faculty: 25 ballots cast; 5 candidates for 2 seats; 9 votes needed for election; voter turnout, 48.08 per cent; John S. Harding, Mary A. Morrison.

Human ecology, non-tenured faculty: 12 ballots cast; 3 candidates for 2 seats; 5 votes needed for election; voter turnout, 19.67 per cent; Earl Morris, Mary Winter.

Librarians: 74 ballots cast; 2 candidates for 1 seat; 38 votes needed for election; voter turnout was 57.36 per cent; Margaret Oaksford.

Research associates: 26 ballots cast; 3 candidates for 1 seat; 14 votes needed for election; voter turnout was 11.30 per cent; Richard S. Newrock.

Exempt employees: 106 ballots cast; 7 candidates for 2 seats; 36 votes needed for election; voter turnout, 15.14 per cent; Elizabeth S. McLellan, George Peter.

Non-exempt employees: 189 ballots cast; 7 candidates for 3 seats; 48 votes needed for election; voter turnout, 4.40 per cent; Merrily Lee, Ronald Shewchuk, Dominic A. Versage.

Constitutional Referenda

A referenda of Students and staff was held on February 16. On the proposed amendment to change Article II, Section 1c, "Senate Membership and Terms of Office", the vote was 2,148 yes, 767 no, and 24 abstaining.

The proposed amendment to change Article VII, Section 3 concerning the Board on Student Health was ratified by a vote of 2,235 yes, 533 no, and 51 abstaining.

Both referenda must be approved by the University Faculty and the Board of Trustees before going into effect. The Office of the Ombudsman supervised the counting of the referenda.

Election

Acknowledgements

The following people are thanked by the Senate Elections Committee for their aid in the election.

The League of Women Voters for supervising the polls, the Personnel Office for supplying employee voter lists, the registrar's office for supplying the student lists, and the department secretaries who were the source of the faculty lists. The Deans of the Arts and Agriculture colleges are thanked for their assistance in dividing their faculties into constituencies.

Nominations for Outside Trustee

Following are the names and biographical summaries of the three candidates that have been nominated to the Senate by its search committee for the position of Trustee from outside the University. It is expected that the Senate will elect one of these candidates to the Board at its meeting tonight, though it may, if it wishes, reject all three.

Trustee Nominees

Charles E. Goodell was born in Jamestown, New York, on March 16, 1926. At Williams College, he was elected to Phi Beta Kappa in his junior year and received his B.A. cum laude '48. He pursued his interest in law and government at Yale Law School (LL.B. '51) and Yale Graduate School of Government (M.A. '52). Before coming to Congress, Goodell taught at Quinnipiac College, New Haven; served in the U.S. Navy in World War II and the U.S. Air Force during the Korean War; and practiced law in Jamestown, New York. In 1954, he married the former Jean Rice of Buffalo and today, the Goodells have 5 sons.

At 33, he was elected to the U.S. House of Representatives in a special election in May 1959, in New York's then 43rd Congressional District to fill the seat left vacant by the late Hon. Daniel A. Reed. As Representative of Allegany, Cattaraugus, Chautauqua, Schuyler and Steuben Counties, Goodell was re-elected to successive Congresses. He served in the House for 9 years (1959-1968) and for 9 years as a member of the House Education and Labor Committee. He was Chairman of the GOP House Planning and Research Committee (1965-1968) and he set up a Poverty Task Force.

At 42, Mr. Goodell was appointed to the United States Senate in September '68 to fill the unexpired term of the late Senator Robert Kennedy. He served on the Select Committee of Nutrition and Human Needs and three other committees: Banking and Currency, Commerce, and District of Columbia.

Mrs. Desdemona P. Jacobs Native of Ithaca, born June 23, 1937. Presently Supervisor of Counseling Aids, Boynton Junior High School. Educated in Ithaca and at the University of Wisconsin, LaCrosse, 1964-66. Worked as a nurse in several hospitals from 1959 to 1967, at which time she returned to Ithaca to work as a Guidance Aid in the Ithaca School System. Since 1970, she has been Supervisor of Counseling Aids.

School Committees: Parent Teacher-Pupil Committee on Discipline, Title I Fund (for disadvantaged students), Co-Director of Black Counseling Services at Southside Community Center, Community Involvement Committee.

Community: Member of Board of Directors, Southside Community Center; Past Member and Chairman, Tompkins County Human Rights

Commission, 1968-70; Tompco Better Housing Negotiating Committee, 1969 (which stabilized the financial base for Tompco); Coach of Cinderella Softball League.

In sum, Mrs. Jacobs is a leader in Ithaca schools and community, and would bring this knowledge, experience and contacts to the Cornell Board of Trustees.

Dr. Aaron Lemonick, Professor of Physics and Dean of the Graduate School at Princeton University. Born February 2, 1923 in Philadelphia and served in the Air Force from 1940 to 1946. He received his B.A. degree from the University of Pennsylvania in 1950 and his graduate degrees from Princeton, an M.A. in 1952 and a Ph.D. in 1954.

In 1954 he went from Princeton to Haverford College, serving three years as assistant professor, and from 1957 to 1961 as associate professor and chairman of the college's physics department. During this period he also held appointments as a research collaborator at Brookhaven National Laboratory and as visiting professor at a University of Rochester and a University of Pennsylvania summer session; and he was academic director of Princeton's first summer institute of physics in 1960. He returned to Princeton as an Associate Professor in 1961 and was promoted to Professor in 1964.

In 1964 Dr. Lemonick directed a summer institute for about fifty physics teachers from predominantly Negro colleges in the South. The institute was sponsored by the American Council on Education under a grant from the Carnegie Corporation. From 1961 to 1969 he participated in Latin American summer institutes for physics teachers, lecturing in Brazil, Chile, Colombia and Uruguay under the auspices of the U.S. State Department's international educational and cultural exchange program, the Pan American Union and the Fulbright Commission.

He lectured on physics for fourteen weeks in 1959 on the University of the Air program shown by WFIL-TV in Philadelphia. In 1962 he wrote a script and appeared in a film on angular momentum for use in college. He was the Baker Lecturer in 1963, addressing Princeton alumni groups across the country.

Articles and papers by Dr. Lemonick have appeared in Physical Review, Physical Review Letters, Review of Scientific Instruments and American Scientist. He is a fellow of the American Physical Society and a member of the American Association of Physics Teachers, the American Association for the Advancement of Science, the American Association of University Professors, Sigma Xi, and Phi Beta Kappa.

Now representing the National Research Council on the Committee on International Exchange of Persons, he is also a member of the advisory

committee of the Educational Development Center of Newton, Mass., and has served on ad hoc committees on education and scientific affairs in Latin America for the National Science Foundation, the Pan American Union for the Department of State, and the National Academy of Sciences.

Dr. Lemonick was married in 1950 to the former Eleanor Leah Drutt of Philadelphia. They have two children.

Senate Agenda

Following is the agenda proposed by the Executive Committee for tonight's Senate meeting. The Agenda proposed for the first meeting of the new Senate on March 2 will appear in the Cornell Sun on Monday, March 1.

1. Agenda approval (any items mentioned below that may have been dealt with on February 23, 1971, will not be considered)

2. Minutes

3. Approving Credentials of newly elected Senate

4. Election of an outside Trustee (60 minutes overall-3 minutes per speech) Nominees are: Charles E. Goodell, former U.S. Senator from New York; Mrs. Desdemona P. Jacobs, Supervisor of Counseling Aids, Boynton Junior High School; Dr. Aaron Lemonick, Professor of Physics and Dean of the Graduate School at Princeton University. To be done in Executive Session.

5. Report from Committees

a. Public Affairs — Recommendatory Resolution concerning Cornell investments in companies doing substantial business in Southern Africa A-171 (15-2)

b. Admissions and Financial Aids — Recommendatory Resolution concerning scholarships for students from Southern Africa A-183 (15-2).

c. Judiciary — structure for a new Judiciary System (15 min. per section, 2 min. speeches, 1 Hour overall)

d. Executive Committee — Bylaw change on the relation of the Secretary of the Senate to the Secretariat and the Executive Committee — A-176 (10-2)

e. Campus Planning — Green Fields Act of 1971 A-175 Recommendatory Resolution to move toward a walking campus (15-2)

f. Campus Planning — Air Pollution Recommendatory Resolution A-174 (15-2)

g. Campus Planning — Recommendatory Resolution on Replacement of Elms A-81 revised (15-2)

h. Planning Review and Admissions and Financial Aid — Recommendatory Resolution to establish a central office for co-ordinating student employment A-127 (15-2)

i. Student Counseling and Advising — Budgetary guidelines for 1972-73 — A-184 (15-2)

j. Physical Education and Athletics — A-95 — Bill concerning grades of "incomplete" in Physical Education (15-2)

k. Student Activities and

RedRunners Set for Heps

Continued from Page 1

19th straight season. Tickets will be available at the door.

The title was taken by Harvard the last two years and by either the Crimson or the Cadets through the last nine. Harvard and Army have won eight times each but Penn has yet to reach the top in the 13-event meet; Cornell, twice a victor after tying with Columbia in 1953, scored its most recent triumph in 1958.

Last winter Harvard led Army by three points, 48-45, after finishing four ahead of the Cadets, 55 1/2-51 1/2, in 1969, breaking a two-year Army reign.

The only defending champions are Penn's Tom Blair, who set the meet pole vault record at 15-8 1/2; Navy's Jim Bloom, in the shot put, and Dartmouth's Bill Dinneen, weight throw. Attempting to regain titles won two years ago are Yale's Don Martin in the 60-yard dash and Harvard's Ed Nosal, the National Collegiate champ, in the weight throw.

Cornell expects to have lending contenders in the following events: 60 dash — Glen Fausset; 600 — Cornell's John McKeown; 1,000 — Charley Ferrell; Mile — Don Alexander, runnerup in '70; Two-mile — Jon Anderson and Phil Ritson, 2-3 a year ago, and sub-nine minute runners; and Long jump — Fausset, runnerup last season.

Some 4,000 spectators are expected to view the meet with all running events taking place on Barton Hall's Tartan surfaced 220 yard flat track. A Bulova Accutron Phototimer will record all running events.

Scoring for the Heps is based on 6-4-3-2-1 points for the first five places. Harvard set the scoring record in 1965 by garnering 65 points. Army, with 62 points in 1968, is the only other school to earn more than 60 of the 208 total points possible in the meet.

The meet will open with the long jump at 12:30 p.m.

Organizations — Legislation on Policy for Open Meetings for registered student organizations. A-179 (15-2)

l. Student Activities and Organizations — Legislation on changes in the existing policy for commercial endeavors in student solicitation A-178 (15-2)

6. Old Business

7. New Business

Senate Calendar

February 25: Executive Committee, 3:30 p.m.; Senate Office, Campus Life Committee Public Hearing, 5:30 p.m.; Goldwin Smith 156. University Senate, 7:30 p.m., Kaufmann Auditorium.

February 28: Executive Committee, 2:00 p.m.; Senate Office.

March 2: First Meeting of New University Senate, 7:30 p.m., Kaufmann Auditorium.

Report on Human Affairs Program—Part II

Following is part two of a report analyzing and evaluating the Human Affairs Program (HAP) over the first year of its operation. The first part of the report, which was prepared by the Educational Policy Board and printed in last week's Chronicle, covered the purposes and structure of HAP, and began a summary of the various activities of the program. The summary is continued in this section.

The Educational Policy Board's report was prepared by a committee of students and faculty, chaired by William F. Whyte, professor of industrial and labor relations.

Welfare Project

No. of students: 14

Courses: City Planning — 11 students — 62 credits. Associated Courses — 5 students.

Staff: Mrs. Nancy Bereano, B.A. Queens College; former assistant to Commissioner of Social and Rehabilitation Service, HEW (welfare program); former task force member St. Vincent's Hospital, NYC, Medicaid & Medicare Program.

The Welfare section has two primary purposes: 1) to study the current American welfare system, its origin and future; and 2) to enable students to gain an intensive personal exposure to that welfare system with particular emphasis on how the system is meeting the needs of those it is responsible for serving.

Required reading covers some of the issues inherent in the study of contemporary welfare problems: poverty in the U.S.; historical precedents; current programs, laws, and regulations; the caseworker; recipients' perceptions of their situation; possible alternatives; basic components of and models for social change.

Students spend a mandatory six hours per week in the Storefront counselling welfare recipients and potential recipients about their basic rights and legal entitlements under existing social service legislation. This requires a thorough familiarization with state welfare regulations and local policies.

Students attend meetings of the Tompkins County Welfare Rights Organization, primarily as observers. They do not actively participate in the discussions or decision-making processes, but do provide services for the recipients such as counselling, babysitting, occasional transportation, etc. The students learn how to cope with welfare and with related societal problems on a variety of levels.

The relationship between the students and the welfare recipients has been mutually educational. At present, students and recipients are preparing a welfare rights handbook. Each student in the class has joined with a welfare recipient to research and write one section of the book. Both student and

recipient learned a great deal about welfare law through this undertaking. Publication is expected early in 1971.

Storefront

No. of students: 19

Courses: City Planning 649 — 18 students — 102 credits. Associated courses — 8 students.

Staff: Rebecca Fowler, B.A. Michigan State, 1967 — Formerly in the Peace Corps, Colombia, S.A., community development; 2 yrs.; City Planning, Cornell.

The Storefront is a community information and service center, located at the corner of State and Geneva Streets in Ithaca. It is manned by HAP students and open daily from 9 a.m. to 9 p.m. Monday through Thursday, and 9 a.m. to 6 p.m. on Friday and Saturday. It also serves as a general downtown center for HAP activities. This was urgently needed. Experience last spring had demonstrated the difficulties of working in the Ithaca community from a base "on the hill." The Storefront began its operation during the summer, with a skeleton crew of students who were paid a subsistence salary by HAP. Some experience had thus been accumulated by the time the fall term began.

About 250 "clients" drop in at the Storefront each month, with a wide variety of inquiries and requests. The staff and students respond in many ways: by providing information, by referral to the appropriate agency, occasionally by more concrete support, such as accompanying a tenant to the Building Commissioner to make a complaint. Other community services now function through the Storefront. The students operate, under supervision, the Housing Information Service (a United Fund Agency); and a psychologist from the Tompkins County Mental Health Clinic keeps regular hours.

Each student spends six hours a week "manning" the Storefront. All his activities are logged in a casebook. In addition, of course, he must spend additional time following up cases, making contacts, gathering information, and the like. There are also two weekly meetings, one of the entire Storefront group, and one devoted to special-interest projects. There have been six of these projects thus far, including Housing, Community Education, Legal Education, Consumer Education, Employment, and Health. Each student prepared a paper on some aspect of these projects.

Groton Project

No. of students: 3

Courses: City Planning 649 — 2 students — 7 credits. Associated Courses — 2 students.

Staff: Ben Erlitz

The project in Groton had its origin in work done by HAP students last spring. The students worked with a local group, MOVE, on a survey of eligibility of residents of the township for the federal surplus food program. Their work resulted in the setting up of a food distribution center in Groton. As part of this effort they helped in the formation of a group of low-income residents of Groton who began to meet together to discuss their problems and needs. HAP then submitted, through the Tompkins County Economic Opportunity Corporation, a proposal for a Mobilization of Resources grant that would assist the community group to establish a community center to help focus the resources of the County on the problems of low-income people. EOC was awarded a 21-month grant of \$40,000 for this purpose and set up a six-member advisory board consisting of two representatives of EOC, two representatives of the Groton group, and two representatives of HAP to administer the grant.

During the fall the students met weekly with the members of the Groton community group, as well as in their own weekly seminar.

They have participated in the planning and activities of the group. They assisted in the transition to the food-stamp program, in a clothing exchange, and in the creation of a film program for the community. When many Groton residents were affected by a temporary closing of the Smith-Corona plants, the students helped in the food-stamp sign-up. They have worked on developing new programs, in particular in the area of health services. Students have also visited the homes (always as members of a team that includes a community member) of residents thought likely to be interested in participating in the group.

Elmira Project

No. of Students: 11

Courses: City Planning 649 — 9 students — 49 credits. Associated courses — 5 students.

Staff: John Bryant, graduate of Howard University with major in Sociology. Community work in early 60's with SNCC in Mississippi, Alabama, and Tennessee. Later work in Washington, D.C. and Elmira. In Elmira helped in formation of County Residents Action Committee (CRAC), the Vanguard Newsletter, and the Southern Tier Coalition.

The Elmira project, begun this fall, was an attempt to relate to a variety of problems within the context of a single community. In addition to their regular meetings with the project director, students worked with and through the Southern Tier Coalition (STC). STC is made up of persons representing various

interests in the Elmira area. These include the Metropolitan Interfaith Church Association; a service-oriented group called the East Side Ministry; the County Residents Action Committee (CRAC); the Black United Trades Council; Monumental Baptist Church; and some members of the now defunct Vanguard Newsletter. A base was established for the students in the Elmira Opportunity Center.

Students participated in meetings of STC and other community organizations. They cooperated in a survey in the Jones Court housing area to gain information on tenants' opinions about what ought to be included in the new Ernie Davis Park. They tried to get a feeling for the informal life of the community, by spending time in the Neighborhood House, in homes, and occasionally even in local bars. They assisted in day-care and nursery-school programs.

Students were asked to work in a number of problem areas and prepare reports to provide information and program recommendations to the community. The report topics include resources of religious institutions and attitudes of members; a proposal for a program for a day-care center; recommendations on the best utilization of CRAC; a report on the housing survey; recommendations on recreation policy; possible difficulties and solutions of the narcotics problem; a proposed program for legal services; and a proposed program for a storefront psychiatric center.

Communications Project

No. of students: 16.

Course: City Planning — 16 students — 66 credits. Associated Courses — 3 students

Staff: Sam Pizzigati, B.A. Cornell, 1970. Former supplement editor of Cornell Daily Sun and creator of the Sun magazine *Fortnight*.

This course was designed to enable students to acquire insight and practical experience in communication problems affecting low-income people and members of minority groups. In theory, students would work in any field of communications: radio, TV, journalism. In practice, the only available instrument for the course was the *Tompkins Chemung Bulletin* (TCB).

Students became reporters and were encouraged to select a particular aspect of community affairs. The over-all objective was that student-reporters study a specific problem in depth and write the equivalent of a term paper on a local topic, but in the form of a series of newspaper articles. In addition to reporting, students participated in all technical aspects of newspaper production except printing. That was done by a local commercial firm. In the course of the

semester, 15 issues of TCB, varying from 8-16 pages, were produced. Articles done by students included everything from "human interest" photo features, to "hard" coverage of local economic and political problems. TCB's editorial policy has been worked out over the course of the term by members of the project, assisted by volunteers including an increasing number of individuals from the community. The newspaper's columns are open to many points of view and contain letters of criticism as well as of praise.

In 1971 TCB will be a biweekly, and the staff will further pursue the study and practice of "community communications." Further efforts will be made to involve more community volunteers in writing and producing the paper. In order to facilitate better access to the community, students will work more closely with other HAP sections, many of which are directly involved with organizations and individuals in the community. A series of seminars with journalists and editors from commercial and volunteer newspapers around the state is also planned. The project plans to study other media and their potentials in the field of community service.

Health Project

No. of students: 12

Courses: City Planning 649 — 7 students — 28 credits. B&PA 464 — 12 students.

Staff: Michael Moch; graduate, Yale, 1967; Ph.D. candidate (1971) in I&LR; research study on hospitals. Worked in New York City on Street Academy program and in Harlem Preparatory School. Kathe Evans; Ph.D. candidate in Community Decision Making and Social and Health Planning. Has done professional planning in Oakland, Calif. for 4 years and as planning consultant in East Harlem and South Brooklyn, N.Y. Completing thesis for Master's Degree in City and Regional Planning.

During the fall term the HAP health section has been investigating the health systems of other countries, of the U.S., and of Tompkins County in an attempt to gain background for four field activities planned for the spring:

1. A proposal for an Allied Health Manpower development program for the county.
2. The distribution of health information at the Ithaca Storefront and in the Groton Community Center, and perhaps some services to rural residents through the March on Hunger's Blue Bus.
3. A survey of health needs for dependents of Cornell students, faculty, and employees.
4. The establishment of a community clinic in Elmira.

From the start, students had to

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Human Affairs Program Charter

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learn about the nature of any advancements in their particular area(s) of interest. Those concerned with the financing of health services were required to become informed about fee-for-service, private and public insurance, local and federal hospital support, and proposals for national health insurance. Students in allied health manpower were obliged to learn about the programs (or lack of programs) for placement of returning medics, legal problems associated with the training of medical paraprofessionals, organizational problems of employing them, etc.

Of the twelve students, almost all are planning health careers. The project arose from student initiative and each of the proposed spring projects is being organized and led by the students themselves. Faculty and graduate students will act primarily as consultants.

The question is extremely complex and involves many subject areas. Health care has economic, organizational, technological, and many other components. The principal problems have been developing a working relationship with local health professionals and the difficulties involved in simply understanding the local health system. Since little has been written about local health care, acquiring knowledge of it has been a formidable task.

Housing

No. of students: 12
Courses: City Planning 649 — 12 students — 48 credits.
Staff: Gary Esolen, M.A. (English) from Syracuse University; two years graduate study at Cornell; active in community programs in N.Y. state for 10 years, two years developing and executing low-income, nonprofit housing program in Ithaca.

This group began the fall semester facing all the problems of the housing situation locally and throughout the country. There were extreme cutbacks both of state and federal funds in support of self-help housing programs. Locally, the major plans of Tompco had been blocked. High interest rates were another problem for housing plans. It was difficult for the group to define a field program in a sufficient stage of development with which to work. They did study extensively housing problems in America. There were lectures, discussions, reading, and seminars dealing with the problems in their historical context: the processes of urbanization and industrialization and an analysis of New-Deal and later housing programs. Each student did a research-field project on some aspect of the housing problem. These mostly dealt with local rentals and the problems of tenants. Everyone in the course would have liked

more direct, in-the-field contact with housing problems, but the vehicle of such contact was not found.

Half-way House

No. of students: 5
Courses: City Planning 649 — 4 students — 17 credits.
Advisor: Professor Eric Lenneberg, Psychology.

Half Way House was organized by a CIVITAS group to help former mental patients grow toward self-sufficiency, and was not expected to be treated as academic activity. As the amount of time and the depth of commitment required became clear, this expectation changed. Moreover, the students began to feel that their activities at the House were educational in the deepest sense of the word. Therefore, five of them asked permission to organize as a section of City Planning 649.

A faculty member who had visited the house and was familiar with its activities agreed to sponsor the course. He provided a reading list, and will consult with the students occasionally. In addition, Dr. Richard Reinhart of the Tompkins County Mental Health Clinic meets with the residents for three hours each Sunday afternoon.

The students are acquiring considerable field experience in the social institutions and community practices related to mental health. They began with an "orientation program" at Willard State Hospital; Challenge Industries Workshop, where some of the ex-patients are employed; and Meadow House, a daytime center for ex-patients. The responsibilities of living in the House have also brought them into contact with social services, welfare, the courts, the probation system, the Mental Health Clinic and even the building code inspectors.

The students feel they are pioneering a new type of social institution, one for which there is little precedent and very great need. The unusual feature of the House is that the ex-patients living there are all in approximately the same age range as the students. This makes for a particular empathy among the members and makes the House particularly valuable. American society has not developed any satisfactory structures for disturbed or self-destructive adolescents. This is particularly true of this part of the country, where the nearby mental hospital (Willard State) has little to offer its younger patients. Officials of the hospital, like those of the local mental health organization, are strong supporters of the Half Way House.

Aid Applications

Renewal Financial Aid applications for 1971-72 are now available at 105 Day Hall. They are due April 15.

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these — three from the faculty at Ithaca and one from the faculty at the Medical College, would be elected by their faculty constituencies. One other faculty trustee would be elected by the student body, and one by the nontenured members of the University Faculty.

In addition, the new legislation would create four additional trustees-at-large, elected by the University Senate. Those eligible would be persons other than a student, faculty member or other employee of the University.

Barton Blotter

Alcoholic Incidents

Overindulgence in alcohol led to a number of incidents that required the attention of the Safety Division this week, including one that climaxed in an umbrella duel and another that led to a night in city jail.

There were also 71 requests for transportation for medical assistance that may have been enough to keep the Safety Division busy, but many petty crimes required their attention as well.

Among the incidents reported:

— The Safety Division Report stated that a 1970 graduate of the Cornell Law School struck a non-student assailant with an umbrella after being punched in the mouth. The retaliation occurred after the assailant, who the Safety Division reported had been drinking, interrupted a meeting in Willard Straight Hall Saturday afternoon and harassed by-standers. Division authorities warned the assailant to stay off campus or risk a criminal trespass charge.

— A non-student from another state was confined to city jail in lieu of \$25 bail after being arrested for intoxication Friday evening in University Halls 3, where he was found sleeping in the lounge.

— A candle left burning on a piece of cardboard burnt down completely, causing some damage to a desk and lamp in the room of two freshmen students in University Halls 6, last Wednesday. Two hours later, firemen were back again, this time to extinguish a fire in the acoustical ceiling material of University Halls 4. The fire was caused by a short circuit in a light fixture.

— A North Campus resident reported that he had extinguished a fire in a dryer of the laundry room in North Campus 7 Saturday afternoon. The clothes in the dryer, belonging to a sophomore in the same dorm, were a total loss. The scorching caused damage to the dryer and the area above it.

— A freshman in University Halls 5 received an unwanted care package when an unknown person or persons lobbed a potato through his window Sunday afternoon.

— The Division reported a rash of thefts during the week. Two stolen purses were returned, but minus the money.

— The University property was not safe from the thievery, either. A portable electric typewriter was taken from a graduate

Five Named Trustees

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would attempt to communicate all matters of importance to the students.

Miss Seremetis, a student in the Six-year Ph.D. Program, said the main thing she expects from being a student member of the Board is "access to information that we've never had access to before. And as long as that's the case, I'm going to stick around and collect information and spread it as wide as I possibly can."

Newly elected trustees, both student and faculty, will be without a vote on the Board until the New York State Legislature approves charter changes enabling trustees from 18 to 21 years old to vote, and expanding the size of the board of trustees, fixed at present by state law.

Some 2,731 students out of 14,933, voted in the student trustee elections; 2,682 students

voted in the senate elections; 329 faculty members out of 1,621 cast ballots in the election. Also, 74 librarians, 26 research associates, 106 exempt employees and 189 non-exempt employees voted in the election.

One trustee from outside the University also will be elected by the Senate at its Thursday meeting.

Chang, who received the most votes in the student trustee election, will serve a two-year term on the Board of Trustees; Miss Shelley, who finished second, will serve for one year.

Chang, 19, is a sophomore from Madison, N.J. He majors in American history. As a trustee, he said, "I am interested in using the University's financial power to attain socially useful ends and also in using the University's purchasing power to those ends as we have in the purchasing of lettuce."

"I think mostly we'll be expressing student ideas," said Miss Shelley, "but I can't see in this first year we'll have any significant change." Miss Shelley, 19, is from New York City. She has a double major in prison reform, which is an independent major in the College of Arts and Sciences, and Russian.

As a trustee, Miss Shelley said she will urge "more consideration in teaching and in the hiring and promotion of faculty."

Two amendments to the Senate constitution were passed by large margins. One amendment increases employee representation on the Senate from five to 13, thus raising the total number of voting senators from 132 to 140.

The other amendment, which concerned the Board on Student Health, replaces the vice president for campus affairs with another member of the administration as a voting member of the Board.

The referenda on the two constitutional amendments were counted by the Office of the Ombudsman. Unofficial tallies showed a total of 2,148 persons voted for increased employee representation on the Senate, 767 voted against it and 24 abstained. On the amendment concerning changes in the Board on Student Health, 2,235 persons voted yes, 533 persons voted no, and 51 abstained.

Constituencies that have yet to hold elections are COSEP, the Africana Studies and Research Center faculty and students and University vice presidents.

Med College

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decade to accomplish and would cost from \$300 to \$400 million.

Dr. E. Hugh Luckey, the University's vice president for medical affairs and the President of the New York Hospital-Cornell Medical Center, is serving as chairman of the medical community coordinating group which has proposed the expansion over East River Drive. Dr. J. Robert Buchanan, dean of the Medical College and Dr. David D. Thompson, director of the New York Hospital, also serve on the community coordinating group.

Expansion of the New York Hospital-Cornell Medical Center would include an increase in the facilities and space for the Cornell Medical College and School of Nursing.

Summer Job Tips Sought

Career Center Assistant Director David Cullings has issued the following request to faculty and student advisers for assistance to students seeking summer jobs:

Students are experiencing considerable difficulty in negotiating summer jobs, particularly those having real educational content. Should you have contacts and/or leads for possible placement, but find yourself without sufficient time to check out the situation, we'd be happy to do the footwork for you.

The Career Center phone number is 256-5222.

Calendar

February 25 - March 7

Thursday, February 25

11:15 a.m. Baker Lectureship. Earl L. Muetterties (see Feb. 23). Baker 119.

4:30 p.m. Lecture. *Stories*. Edward P. Morris, Associate Professor, Romance Studies; and Faculty Fellow, The Society for the Humanities. The Society for the Humanities, sponsor. Kaufmann Auditorium, Goldwin Smith Hall.

7 & 9:15 p.m. Film. *Ned Kelly* (see Feb. 24) Statler Auditorium.

7:30 p.m. Cornell University Senate Meeting. Kaufmann Auditorium, Goldwin Smith Hall.

8 p.m. *Cornell Duplicate Bridge Tournament. Sage Hall Cafeteria.

8 p.m. Lecture. *Is a God-Centered Universe Credible?* Dr. Rodney Johnson, N.A.S.A. Scientist. Graduate Christian Forum, sponsor. Ives 110.

8:15 p.m. *Cornell University Theatre Studio Series. *Lysistrata* (see Feb. 21).

Friday, February 26

4 p.m. Colloquium (rescheduled from Feb. 5). *Hawks, Doves, Ostriches, and Chameleons: Public Opinion on Cold and Hot War*. Milton J. Rosenberg, Professor of Psychology, University of Chicago. Sponsored by the Interdepartmental Program in Social Psychology and Personality and by the Psychology Department. 165 McGraw Hall.

7 & 9:15 p.m. *Film. Marco Bellocchio's *Fists in the Pocket*. Cornell Cinema, sponsor. Statler Auditorium.

7 & 9:15 p.m. *Film. *Bullitt*, with Steve McQueen. (attendance limited to Cornell community). Cornell Cinema, sponsor. Ives 120.

8:15 p.m. *Cornell University Theatre Studio Series. *Lysistrata* (see Feb. 21).

9 p.m. Discussion. *Calculation, Chance and Virtue in Thucydides and Euripides*, with John R. Wilson, Visiting Associate Professor, Classics. Classics Department, sponsor. Sage Lounge.

Saturday, February 27

2 p.m. *Varsity Hockey. Princeton. Lynah Rink.

7 & 9:15 p.m. *Film. *Bullitt* (see Feb. 26) Ives 120.

7 & 9:15 p.m. *Film. *Fists in the Pocket* (see Feb. 26). Statler Auditorium.

8 p.m. *Twenty-fourth Annual Heptagonal Track Meet. Barton Hall.

8:15 p.m. *JV Polo. University of Pennsylvania JVs. Cornell Riding Hall.

8:15 p.m. *Cornell University Theatre Studio Series. *Lysistrata* (see Feb. 21).

Sunday, February 28

11 a.m. Sage Chapel service. The Reverend J. Edward Carothers, General Secretary, United Methodist Board of Missions, National Division, New York City.

7 & 9:15 p.m. *Film. *Don't Bank on Amerika* Cornell Cinema, sponsor. Ives 120.

7 & 10 p.m. *Film. *Red Beard*, by Akira Kurosawa with Toshiro Mifune. Cornell Cinema, sponsor. Statler Auditorium.

8:30 p.m. Lecture. *The Middle East Crisis*. The Honorable Yitzhak Rabin, Israeli Ambassador to the United States. Interfraternity Council, sponsor. Bailey Hall.

Monday, March 1

4:30 p.m. Concert. Baroque Chamber Music by Georg Philipp Telemann, Robert Bloch, baroque violin; Scott Kosofsky, recorder; Julie Vertrees, baroque cello; Susan Bloch, harpsichord. Barnes Hall Auditorium.

4:30 & 8 p.m. Film. *The Great Thaw*. Second in a series entitled, "Civilization—A Personal View." Cornell University Lectures, sponsor. Room 200, Baker Hall.

7 & 9:15 p.m. *Film. *Zulu* starring Michael Caine and Stanley Baker. (limited to Cornell community). Cornell Cinema, sponsor. Ives 120.

8 p.m. Lecture. *"International Action to Promote the Quality of Life."* Richard N. Gardner, Professor, Columbia University. Interfraternity Council and Cornell University Lectures, sponsors. Memorial Room, Willard Straight Hall.

8:15 p.m. Biology and Society Lecture Series. *"Man's Diseases; Man vs. Microbes: A Continuing Battle."* Gerald R. Fink, Assistant Professor, Genetics, Development and Physiology, Biological Sciences. Statler Auditorium.

Tuesday, March 2

11:15 a.m. Baker Lectureship. *Dynamic Stereochemistry*. Earl L. Muetterties, of du Pont de Nemours & Company, Wilmington, Delaware. Baker 119.

7 & 9:15 p.m. *Film *Zulu* (see Mar. 1) Ives 120.

7 & 9:15 p.m. *Film. Alfred Hitchcock's *Stranger on a Train*. (limited to Cornell community). Cornell Cinema, sponsor. Goldwin Smith D.

7 & 9:15 p.m. *Film. *A Quiet Place in the Country*, starring Vanessa Redgrave and Franco Nero. Cornell Cinema, sponsor. Statler Auditorium.

7:30 p.m. Cornell University Senate Meeting. Kaufmann Auditorium, Goldwin Smith Hall.

8 p.m. *Cornell Duplicate Bridge Tournament. Sage Hall Cafeteria.

8:15 p.m. *Bailey Hall Concert. New York Pro Musica. Paul Maynard, Musical Director. Program: Music of the Northern Renaissance. Works by Guillaume Dufay, Gilles Binchois, Antoine Busnois, Henrich Isaac, Johannes Ockeghem, Josquin des Prez, and others.

Wednesday, March 3

4:30 p.m. Food Science Seminar. *The Effect of Sulfur and Sulfur-Containing Fungicides on Yeast Fermentation*. Mrs. Elisabeth Sonoff, Graduate Student, Cornell. Auditorium, Stocking Hall.

7, 8:30 & 10 p.m. *Films. *Bombshell*, with Jean Harlow (at 7 & 10 p.m.); and *Red Dust* with Jean Harlow (at 8:30 p.m.). Cornell Cinema, sponsor. (limited to Cornell community). Ives 120.

7 & 9:15 p.m. *Film. *A Quiet Place in the Country* (see Mar. 2). Statler Auditorium.

8:30 p.m. Hillel Forum. *Beards and Revolution: Reflections on the Whisker Rebellion*. Dr. Howard Feinstein, psychiatrist. Hillel Foundation, sponsor. Edwards Room, Anabel Taylor Hall.

Thursday, March 4

11:15 a.m. Baker Lectureship. Earl L. Muetterties (see Mar. 2). Baker 119.

7, 8:30 & 10 p.m. *Films. *Bombshell* and *Red Dust* (see Mar. 3). Ives 120.

8 p.m. *Cornell Duplicate Bridge Tournament. Sage Hall Cafeteria.

8:15 p.m. *Cornell University Theatre Series. *The Wild Duck*, by Henrik Ibsen. University Theatre, Willard Straight Hall.

Friday, March 5

7 & 9:15 p.m. *Film. *The Reivers*, starring Steve McQueen, Sharon Farrel, and Rupert Brosse. (limited to Cornell community). Cornell Cinema, sponsor. Ives 120.

7 & 9:15 p.m. *Film. *The Great Chicago Conspiracy Circus*. Cornell Cinema, sponsor. Statler Auditorium.

8:15 p.m. *Cornell University Theatre Series. *The Wild Duck* (see March 4).

8:15 p.m. *Varsity Basketball. Pennsylvania. Barton Hall.

8:15 p.m. Concert. Music by Beethoven and Schumann. Linda Paterson, soprano; William Austin, piano. Barnes Hall Auditorium.

9 p.m. Discussion. *The Cult of the Dead in Minoan-Mycenaean Times*, illustrated with slides. John E. Coleman, Assistant Professor, Classics. Classics Department, sponsor. Sage Lounge.

Saturday, March 6

2 p.m. *Varsity Hockey. Brown. Lynah Rink.

2 p.m. Varsity Fencing. Penn. Teagle Hall.

7 & 9:15 p.m. *Film. *The Great Chicago Conspiracy Circus* (see Mar. 5). Statler Auditorium.

7 & 9:15 p.m. *Film. *The Reivers* (see Mar. 5). Ives 120.

8 p.m. Lecture. *The United Nations and Disarmament*. Leonid Kutakov, member of the Soviet Union's delegation to the United Nations, and Undersecretary General of the Security Council for Political and Security



Affairs. Interfraternity Council, sponsor. Moot Court Room, Myron Taylor Hall.

8:15 p.m. *No-Kyogen National Theatres of Japan. An Evening of Traditional Japanese Drama. Sponsored by Departments of Theatre Arts and Asian Studies, and by Risley College. Barnes Hall Auditorium.

8:15 p.m. *Cornell University Theatre Series. *The Wild Duck* (see Mar. 4).

8:15 p.m. *Varsity Basketball. Princeton. Barton Hall.

8:15 p.m. *Varsity Polo. Mahoning Valley Polo Club, Youngstown, Ohio. Cornell Riding Hall.

9 p.m. *Concert. Shlomo Carlebach in Concert: Folk singing Hasidic Rabbi. Hillel Foundation, sponsor. Memorial Room, Willard Straight Hall.

Sunday, March 7

11 a.m. Sage Chapel service. Erwin D. Canham, Editor-in-Chief, *The Christian Science Monitor*. Boston, Massachusetts.

4 p.m. Concert. Woodwind Quintet Recital. Jerryl Davis, oboe; Preston Richards, flute; Susan Hohenberg, clarinet; Cary Beth Hockett, bassoon; Mel Bienenfeld, horn. Barnes Hall Auditorium.

7 & 9:15 p.m. *Film. *a.k.a. Cassius Clay*, starring Muhammad Ali, Cus d'Amato. Cornell Cinema, sponsor. Statler Auditorium.

7 & 9:15 p.m. *Film. *King Murray*, directed by David Hoffman and Amram Nowak. (limited to Cornell community). Cornell Cinema, sponsor. Ives 120.

8:15 p.m. *Cornell University Theatre Series. *The Wild Duck*. (see March 4).

Exhibits

ANDREW DICKSON WHITE MUSEUM OF ART. *Russian Art of the Revolution (1910-1930)* (closes March 25). Guided tours available by appointment. Hours: Tuesday through Saturday, 11 a.m.-5 p.m.; Sunday, 1-5 p.m.; closed Monday.

JOHN M. OLIN LIBRARY: Rare Book Room, Gallery and Lower Level: *Medieval Illuminated Manuscripts* (closes March 7); History of Science Collections: Health of Scholars.

URIS LIBRARY: *Faces of Central America*: Photographs by J. Mayone Stycos (closes Mar. 7).

McGraw Hall, Department of Geological Sciences (first floor, center hall): *Geologic Environment and Man; Use of Naturally-occurring Earth Materials-Pegmatites; Fossils, Edible and Unusual Mollusks; Geological Oceanography Training Cruise (Duke-Cornell)*.

MEMORIAL ROOM, Willard Straight Hall: (March 4 and 5) 9 a.m.-11 p.m. Exhibition and sale of original graphics from Ferdinand Roten Galleries.

ART LOUNGE, Willard Straight Hall. (March 1-March 19) 9 a.m.-9 p.m. University Unions Craftshop Exhibit and Sale of ceramics and jewelry.

*Admission charged.

Attendance at all events is limited to the approved seating capacity of the hall.

Items for the Cornell Chronicle Calendar should be submitted to the Office of the Secretary of the University, 312 Day Hall, at least one week prior to publication of the Chronicle. The Calendar is prepared by the Office of the Secretary and the Office of Public Information, 110 Day Hall.