



CORNELL CHRONICLE

Vol. 8 No. 11

Thursday, November 11, 1976

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Governance Group Refines Report

The President's Commission on Self-Governance has issued seven tentative amendments to its preliminary report, which was released in August. The additional recommendations concern trustees elected by the faculty, students and staff ("community trustees") and the "outside" trustees.

According to a press statement issued by the commission, the tentative amendments to the report are based on a review of the provisions regarding community and outside trustees which the commission conducted on Oct. 29 and Nov. 2. "In conducting the review we took into consideration all the responses we had received at that time from the Faculty Council of Representatives, the University Senate, other members of the University and members of the Board of Trustees," it reads.

The statement emphasizes "that the information we provide represents our tentative conclusions ... Dec. 3 remains the deadline for our final report." The commission also announced its intention to make

public the results of its review process from time to time over the next month.

The commission's new or amended recommendations regarding community and outside trustees are as follows:

1. We propose three outside trustees. The University Assembly, through its Nominations and Elections Committee (previously titled "Committee on Committees"), shall work with the Board of Trustees' Nominating Committee in the selection of these trustees, each of whom shall serve for a term of three years. Terms shall be staggered. The members of the Board of Trustees selected by this means shall be mutually acceptable to the Nominating Committee of the Board of Trustees and the Nominations and Elections Committee of the Assembly. The Nominations and Elections Committee of the Assembly shall solicit suggestions from members of the Assembly and from the University community.

(Previous Recommendation — Continued on Page 2)

Presidential Search Open Hearing Today

The Cornell Community Presidential Search Committee (CPSC) formed at the recommendation of the University Senate will hold an open hearing at 8 p.m. today in Uris Hall G-94.

The purpose of the hearing, according to Mark A. Underberg '77, chairman of the committee, is to "familiarize the community with the CPSC's mission, to provide an opportunity for students, faculty and employees to voice their opinions on the qualities which the next president of the University should have and to accept recommendations about individual nominees."

Also, there will be a report from three members of the Trustee Presidential Search Committee on its activities to date.

In addition to holding open hearings, the CPSC will be actively soliciting the community for nominations. Anyone in the community may nominate an individual for the Cornell presidency by filling out nomination forms available at Union desks, the Dean of Students Office and 133 Day Hall.

Nominations will be accepted until Nov. 25, but members of the community should submit their recommendations as soon as possible so adequate consideration can be given to all nominees, he said.

Underberg said letters have gone out to some 60 university student governments across the country in an attempt to gain a wide perspective on suitable individuals. Many student organizations as well as college deans and employees, have been directly solicited, he said.

The 20-member committee will review the nominations and pass them on to the Trustee Search Committee after having ranked nominees on the basis of criteria that it generates from the community, he said.

Outside Trustee Search Committee Seeks Members

An Outside Trustee Search Committee is being formed to search for four nominees for a soon-to-be vacant seat on the Cornell Board of Trustees. The position is to be filled by someone from outside the Cornell community. The nominations will be made to the University Senate which is empowered to deliver the final decision. Faculty, employee and student representatives are needed on the search committee. For more information contact the Senate Office at 133 Day Hall (256-3715).

Conflict of Interest Hearing

An open hearing on guidelines for conflict of interest in Senate committee memberships will be held at 4 p.m. today in 103 Barnes Hall. The hearing will consider how to decide whether a potential student member of a Senate committee might have a conflict of interest.



PROMISE OF THINGS TO COME—The first dusting of snow hits Lib Slope.

Bad Weather Warning System

Radio Stations Participate

Cornell, with the cooperation of radio stations in the six-county area surrounding Ithaca, will be using a broadcast alert system for announcing cancellations of University business due to inclement weather.

William D. Gurowitz, vice president for campus affairs, said the updated system will continue to insure the safety of the University's students, faculty and staff. He also said that the University is particularly concerned about the safety of its employees who must drive a long distance to work, so that every effort will be made to get cancellation information on the air by 6 a.m.

If weather conditions force cancellation of classes or events at

Cornell, participating radio stations will carry one of three different types of announcements on the day of the cancellations:

1. Delayed opening—The entire University will be open and operating at a specified time which

will be announced on the morning of the delayed opening.

2. Partial closing—Classes, examinations and services essential to life support, health, safety and basic physical plant operations will be on- Continued on Page 12

Other States Join Compact with Vet

Forty-two students from New Jersey and the New England states have been admitted to the New York State College of Veterinary Medicine at Cornell and the School of Veterinary Medicine of the University of Pennsylvania through "compact agreements" under which participating states cover the true cost of educating their students.

"Compact agreements provide a way for the University of Pennsylvania and Cornell to fulfill their regional responsibilities as the only veterinary medical schools in the Northeast," said Edward C. Melby Jr., dean of the Cornell College of Veterinary Medicine.

"Regional approaches offer obvious dollar savings to the individual states as well as opportunities for resource sharing," continued Robert R. Marshak, dean of the University of Pennsylvania School of Veterinary Medicine.

economical option available to have-not states is the expansion and regionalization of already established schools of veterinary medicine," he added.

Under the compact agreements participating states agree to sponsor up to a certain number of students. Students may apply to Cornell, the University of Pennsylvania or preferably both schools and are judged by the same admissions criteria used for other students at the schools.

Upon acceptance, the students pay tuition and their sponsoring states agree to make up the difference between tuition and the true cost of veterinary education. Participating states contributed \$8,000 per year to support each student they sponsored in the class that entered this year. The support will continue throughout the four-year veterinary program.

New Facility Opens

Vet Diagnostic Lab Moves

The New York State diagnostic Laboratory has moved into a new \$2 million facility at the New York State College of Veterinary Medicine and has begun to recruit an internationally known team of professionals to expand its programs of diagnostic services for the Northeast.

Under the direction of Dr. Raymond H. Cyress, the administrative structure of the laboratory, which currently handles more than 90,000 cases per year, is being revamped to handle a larger volume of cases and to develop a field-oriented, problem-solving service and research organization.

Infectious and chronic disease detection will be the largest program of the new laboratory, but

it also will have a strong program in toxicology — an extremely important area, Dr. Cyress said, because so many new chemicals are being introduced into the environment each year, and domestic and wild animals often interact with these agents before effects are noted in humans.

Dr. Cyress also will expand the laboratory's epidemiology capabilities, in order to study the distribution of disease agents in animal populations and to strengthen efforts in preventive medicine. Epidemiology, Dr. Cyress said, is a relatively new area of priority for veterinary diagnostic laboratories.

An area of particular concern at the diagnostic laboratory will be

zoonotic diseases — diseases which can be transmitted naturally between animals and humans. Underlying the importance of this work, Dr. Cyress pointed out that the five most serious diseases in underdeveloped countries, as identified by the World Health Organization, are zoonoses. Many of the problems these countries face — overpopulation, food shortages, infectious diseases — could be remedied through better application of veterinary science, he said.

Dr. Cyress holds the D.V.M. degree from the University of Illinois and earned the Ph.D. degree from the Consolidated University of North Carolina in immunoparasitology. His educational background provides him with perspectives on both human and veterinary medicine.

Trustee Committee Meets

The summary journal for the meeting of the Executive Committee of the Board of Trustees of Cornell University held Tuesday, Nov. 9, 1976 in New York City follows.

NOTE: This summary journal, as released for publication, does not include confidential items which came before the meeting.

1. Vice President for Planning and Financial Services Samuel A. Lawrence led a discussion of preliminary planning for the 1977-78 University budget. (Details to be released at a later date.)

2. The Executive Committee discussed a written description of the budgetary processes for the statutory units. Such a discussion had been requested by the chairman of the Committee on State

Relationships, Trustee Morton Adams.

3. The Executive Committee, upon the recommendation of President Dale R. Corson, authorized the University administration to proceed with four critical maintenance projects. The projects are roof repairs. The Executive Committee also approved funding allocations for the projects and authorized solicitation of competitive bids and awarding of contracts.

4. The Executive Committee, upon presidential recommendation, approved the combination, under a revised charter effective Dec. 1, 1976, of the Center for Water Resources and the Center for Environmental Quality Management into a Center for Environmental

Research.

5. Trustee Earl R. Flansburgh, chairman of the Buildings and Properties Committee, reported.

6. The Executive Committee will recommend to the full Board of Trustees that the joint trustee meeting with the Cornell University Council in 1981 be held Oct. 9, 10.

7. The president recommended that the Executive Committee make a finding that the election of freshmen senators on Oct. 11, 1976 was fairly and properly conducted and that each student senator was truly representative of his or her constituency on the basis of voter participation. The committee so found.

8. The president recommended several personnel actions which the Executive Committee approved.

Self-Governance Amendments

Continued from Page 1

The Board of Trustees shall include community trustees on its Nominations Committee for the at-large members of the Board of Trustees.)

2. We propose that the Board of Trustees invite at least one faculty trustee, one student trustee and one employe trustee to serve on the Executive Committee of the Board of Trustees.

(Previous recommendation — none regarding membership on the Executive Committee.)

3. We propose that 14 members of the Board of Trustees be ex-officio nonvoting members of the Assembly: 10 (four students, four faculty members, and two employes) shall be community trustees, and the remaining four shall be nominated by the Board of Trustees.

(Previous recommendation — none regarding participation by trustees in the Assembly.)

4. We propose that two employe trustees be elected by the employes: each shall be elected for a three-year term. Terms shall be staggered.

(Previous recommendation —

one employe trustee elected for a two-year term.)

5. We propose that both student and employe trustees be elected by the Hare System. The Nominations and Elections Committee of the University Assembly shall be responsible for conducting these elections. The Faculty trustees shall be elected by the faculty in a manner to be determined by the faculty and the Board of Trustees.

(Previous recommendation — no specification of election procedures.)

6. We strongly recommend that the Board of Trustees give the highest priority to persuading the New York State Legislature to remove its amendment from the Cornell Charter; that is, its suggestion that a 40 per cent voter turnout in student and faculty trustee elections be considered evidence of a representative election.

(Previous recommendation — same intent, but less forceful.)

7. Until such time as the New York State Legislature deletes its 40 per cent amendment from the Cornell Charter, we propose that selection of student and faculty trustees be conducted as follows: if

the percentage of eligible voters in the appropriate constituency who cast votes is greater than 30 per cent, then the elected candidate shall be seated. If the percentage is less than 30 per cent, then the result of the balloting shall be presented to the Board of Trustees in the form of a preferential ballot, and the Board of Trustees shall select the new trustee from this preferential ballot. (Previous recommendation — did not provide for seating a student or faculty trustee if voter turnout fell below 20 per cent.)

Unchanged recommendations regarding community and "outside" trustees:

1. We propose that four faculty trustees continue to be elected by the faculty, each for a five-year term. Terms shall be staggered.

2. We propose that four student trustees be elected by the student body at large, each for a two-year term. Terms shall be staggered.

3. We propose that any presidential search committee of the Board of Trustees shall include at least one faculty trustee, one student trustee, and one employe trustee.

Job Opportunities
At Cornell University

The following are regular continuing full-time positions unless otherwise specified. For information about these positions, contact the Personnel Department, B-12 Ives Hall. Please do not inquire at individual departments until you have contacted Personnel. An Equal Opportunity Employer.

Individuals in lay-off status will be given preference in referrals.
* indicates new jobs in this week
(sh) indicates shorthand required

POSITION (DEPARTMENT)

CLERICAL POSITIONS

Administrative Aide II, A-20 (Dean of Students Office)
Sr. Administrative Secretary, A-17 (Latin American Studies)
Administrative Secretary, A-15 (College of Arch/Art/Planning)
Administrative Secretary, A-15 (NAIC)
Administrative Secretary, A-15 (Alumni Affairs)
Secretary/Steno, NP-9 (2) (Cooperative Extension (NYC Programs))
Administrative Clerk III, NP-9 (Media Services)
*Clerk III, NP-7 (NYSSILR (NYC))
Steno I, NP-5 (Entomology)
Department Secretary, A-13 (Graphic Arts Services)
Department Secretary, A-13 (DMLL)
*Searcher I, A-13 (Olin Library/Serials)

ADMINISTRATIVE POSITIONS

Controller (Administrative)
Associate Director, CP08 (Materials Science Center)
Assoc. Dir. Educational Affairs, CP07 (COSEP)
Senior Computer Staff Specialist, CP06 (MSA-Administration Computing)
Director of Public Affairs for Physical Education & Athletics (Public Affairs)
Student Dev. Specialist II, CP03 (NYSSILR (NYC))
Professional Chef, CP05 (Dining Services)
Admin. Manager II, Business CP05 (Vet. Diagnostic Lab.)
Retail Manager II, CP04 (Cornell Campus Store)
Curatorial Assoc. CP04 (Section of Ecology & Systematics)
Editor II, CP04 (Media Services)
Admin. Manager II, Finance CP05 (Physical Plant Operations)
*Computer Staff Specialist I, CP05 (Office of Computer Services)
*Applications Programmer I, CP03 (Office of Computer Services)

TECHNICAL POSITIONS

Sr. Elec. Technician, A-21 (Chemistry)
Utility Plant Operator, A-20 (Physical Plant Operations)
Senior Lab. Tech., A-18 (Biochemistry, Molecular & Cell Bio.)
Technical Assistant, A-18 (Office of Public Info. (Visual Services))
Maintenance Mech. A-18 (Physical Plant Operations)
Technical Aide, A-17 (Chemistry/Applied Physics)
Computer Operator I, A-17 (Computer Services)
Research Tech. IV, NP14 (Agri. Engineering)
Asst. Dairy Cattle Supt., NP12 (Animal Science (pending funding))
Lab. Tech. II, NP-11 (Food Science (15 months))
*Lab. Tech. I, NP-8 (L.H. Bailey Hortorium)
Refrigeration Mech. (Physical Plant Operations)
Control Mechanic (Physical Plant Operations)
*Draftor I, A-14 (Campus Store)
*Head Custodian, A-14 (Statler Inn)
*Custodian, A-13 (Physical Plant Operations)
*Custodian, A-13 (Student Housing)
Research Support Spec. II, CP04 (Materials Science Center)
Research Support Specialist II, CP04 (Div. Nutritional Sciences)
Research Support Spec. I, CP03 (Vet. Microbiology)
Research Support Specialist I, CP03 (Ecology & Systematics (grant))
Research Support Specialist II, CP04 (Food Science & Technology (G))
Research Support Specialist II, CP04 (Agricultural Engineering)

ACADEMIC AND FACULTY POSITIONS (Contact Department Chairperson)

Research Associate III, CP05 (Agricultural Engineering)
Research Associate II, CP04 (Lab. of Plasma Studies (12 month appointment))
Research Associate II, CP04 (Materials Science & Engrg. (1 year appointment))
Research Associate II, CP04 (2) (Lab. of Nuclear Studies (1 year appointment))
Extension Associate IV, CP06 (Agri. & Life Sciences (Office of the Dean))
Extension Associate III, CP05 (Coop. Ext. Admin. - Human Ecology (Albany))
Extension Associate I, CP03 (Coop. Ext. Admin. (Alton, N.Y.))
*Assistant Professor of History (College of Arts & Sciences (Flint, Michigan))
Assistant Professor (3) (Department of Comparative Literature)
*Assistant Professor (LASSP)
Assistant Professor (2) (Div. of Biological Sciences)
Assistant Professor (Department of Theoretical & Applied Mechanics)
Assistant Professor of Health Economics (B&PA)
Assistant Professor of Information Systems and Computer Science (B&PA)
Assistant Professor of Accounting (B&PA)
Assistant Professor of Public Fin. (B&PA)
Assistant Professor of Marketing (B&PA)

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Senate Special Meeting: Governance Responses

The University Senate at a special meeting Tuesday night passed a resolution listing what it considers "essential provisions for any future self-governing body at Cornell." It was passed without dissent. Also passed with limited opposition, was a resolution which makes recommendations concerning the composition of the University Board of Trustees including the addition of a second employee trustee to the board.

In addition, the Senate accepted 17 Senate Committee responses to the report of the President's Commission (Chester) on Self-Governance. These responses along with the two resolutions were forwarded to the office of President Dale R. Corson. Tuesday night was the deadline for community response to the report of the Commission on Self-Governance.

The resolution concerning "essential provisions" follows:

RESOLVED: That the Senate

considers the following as essential provisions for any future self-governing body at Cornell.

1. It must have a written constitution—that is, a document setting forth its jurisdiction, powers, and the method of appointment or election of the members of its component bodies—ratified by the com-

munity and the Board of Trustees.

2. It must be representative of all segments of the community in its other component bodies.

3. It must be an integrated structure; the Senate or its successor body must be able to: a. Approve the membership of all other compo-

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Environmental Centers Merged by Trustees

The Executive Committee of the University's Board of Trustees has approved the merger of the University's Water Resources and Marine Sciences Center for Environmental Quality Management into a new Center for Environmental Research (CER), effective Dec. 1.

The merger had been recommended by the centers' joint governing board in May after an evaluation of the role of centers within the University. Major functions carried out by both centers are being continued under CER, whose primary concern is research on complex environmental problems. Acid precipitation, which has impacts on land, air and water, exemplifies this

class of problem and is the subject of a major center effort, explained Charles D. Gates, professor of environmental engineering at Cornell and director of the new center.

CER, according to its charter, is a University-wide, interdisciplinary organization that encourages and conducts teaching, research and public service activities dealing with the physical, biological and social environment of man and with man's relation to the environment. The center is problem oriented; its goals are to stimulate and to assist in the solution of environmental problems.

The center will focus initially on two major programs, one in water resources and one in environmental quality. It also will continue to serve as the Water Resources Research Institute for New York State under P.L. 88-379, a function that has been carried out since 1964 by the Water Resources and Marine Sciences Center.

The center is administered by a governing board composed of six faculty members representing a broad range of disciplines at the University and four ex-officio members: the vice president for research; the deans of the Colleges of Agriculture and Life Sciences and Engineering, and the director of the Division of Biological Sciences.



"We hope everyone will at least think about the food we Americans take for granted — the food we waste as well as the food we eat," said one member of the Coalition for the Right to Eat. CRE is asking Cornellians to participate in the Fast for a World Harvest next Thursday, Nov. 18.

Ithaca Coalition Urges Fast for World Harvest

For most Cornellians, the fourth Thursday in the month — Thanksgiving Day — will be a day to feast on turkey and stuffing, giblet gravy, sweet potatoes and pumpkin pie with whipped cream.

For some Cornellians, the third Thursday of the month — Nov. 18 — will be a day of fast.

The annual Fast for a World Harvest is being organized by the Ithaca Coalition for the Right to Eat (CRE). The purpose of the fast, according to coordinator Harold Alderman, is to call attention to "chronic hunger."

"The hunger relief work in countries such as Ethiopia and Bangladesh ended when the droughts ended," Alderman said. "But even though the granaries may be full in those countries, there are large numbers of people who don't have the purchasing power to obtain food. We want to draw attention to the need to redistribute resources

and to talk about chronic hunger in the world, not just acute hunger coming from drought."

Alderman, a graduate student in nutrition, said that interest around the world in the food crisis has diminished as the urgency has diminished. "But there is still a tremendous amount of development work that needs to be done in poorer countries so that the people there will be able to continue to feed themselves."

Participants in the Thursday fast are asked to contribute the money they would spend on a day's food to CRE, which will forward all donations to UNICEF and OXFAM to support the continuing hunger relief and development projects sponsored by those organizations. OXFAM is a private, nonprofit overseas development agency (originally called the Oxford Committee for Famine Relief).

Cornell students on dining plans who wish to participate in the fast many turn in their Coop dining cards in the dining halls on Wednesday night, Nov. 17. For each card turned in, the Cornell Department of Dining will give a rebate to the CRE drive. Last year, some 600 dining plan members participated, and approximately \$1.50 per card was given to CRE by Dining.

Coop cards will be returned to their owners from 7:30 to 8:30 p.m. Thursday, Nov. 18, at the One World Room of Anabel Taylor Hall and beginning at 7:30 a.m. Friday, Nov. 19, in the lobby of Willard Straight Hall.

Persons not on the dining plan or non-fasters may make contributions to the CRE drive at collection tables in the Straight and at North Campus Union on Thursday. Last year, CRE raised a total of \$2,000 on Fast Day.

All day Thursday, displays, informational discussions on food issues, photographs and a sale of books will be held in the Memorial Room of the Straight. At 6 p.m., a communal break-fast sponsored by the Cornell Catholic Church will be held in the One World Room of Anabel Taylor Hall.



United Way

The United Way's campus campaign popped over the \$200,000 mark at Tuesday's final reporting meeting, with \$18,332 in new pledges from 364 persons.

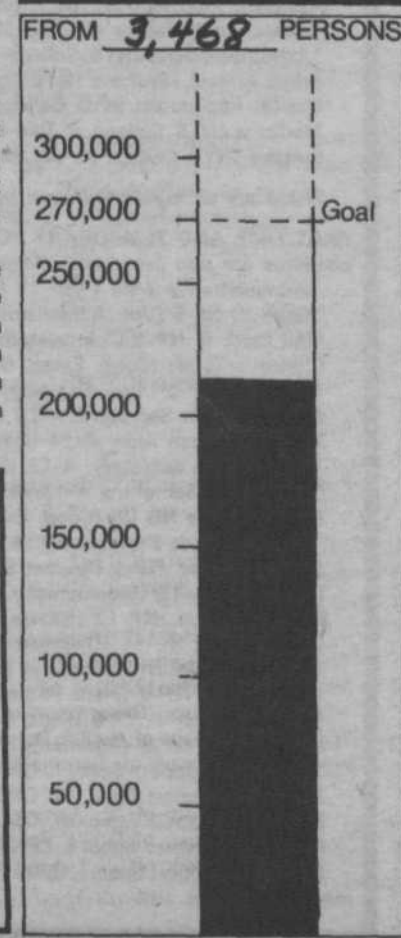
This makes the totals through that meeting \$205,489 from 3,438 pledges.

Special recognition was given at the meeting to the crew at the Arts College, headed by Sean Killeen, Gertrude Fitzpatrick, Doris Rothermich and John Rogers, which produced 20 per cent more contributions than a year ago.

According to David Brown, assistant director of the Cornell campaign, the totals to date are about \$1,500 behind last year's final totals, but enough cards are still out that the campaign is expected to exceed last year's finals.

"Many units started late," he said, and persons who still have cards outstanding should get them to Betty Lewis, Cornell campaign chairman, at Room N-116 Martha Van Rensselaer Hall, no later than Tuesday, Nov. 16.

CORNELL
UNITED
WAY
CAMPAIGN



Support Services To Be Reviewed

The state of current student academic support services is the subject of a major review at Cornell. Led by Vice President for Campus Affairs William D. Gurowitz and Vice Provost June M. Fessenden-Raden, the review is aimed at providing a plan of action to create more efficient and effective services for implementation by fiscal year '77-'78, which begins July 1.

Working groups have been formed to study three major kinds of services: educational resources, career development and personal development. Gurowitz and Fessenden-Raden announced Monday, Nov. 8. The groups, comprised of faculty, staff and students, will be led, respectively, by Robert D. MacDougall, assistant professor and assistant dean (on leave), College of Architecture, Art and Planning; D. Hywel White, professor of physics, College of Arts and Sciences, and J.

Robert Cooke, associate professor, College of Agriculture and Life Sciences.

The groups are expected to submit their plans to Provost David C. Knapp and Senior Vice President William G. Herbster by early spring.

The organization and effectiveness of student support services has been reviewed by several committees in the past decade, generating numerous suggestions for change. Little change has occurred to date, Fessenden-Raden said.

Existing budget resources and the University mandate of decentralization will be taken into account, she said. In addition, a means for periodic reassessment of resources, services and changing student needs is to be provided, along with a method for implementing necessary changes.

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CORNELL
CHRONICLE

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Comment

Chronicle Comment is a forum of opinion for the Cornell community. Address comments to Elizabeth Helmer, Managing Editor, Chronicle, 110 Day Hall. Letters submitted for publication in the Chronicle must be typed, double space, with 75 characters to a line, no more than 600 words in length. The Chronicle intends to adhere to this limit because of space and financial restrictions. The deadline is Monday noon at 110 Day Hall. Letters addressed to someone other than the editor, personal attacks against individuals or unsigned letters will not be printed.

Intramural Soccer Winning Team Not All Mexicans

Editor:

I am sending this letter to give recognition to the members of the team MEXICO 76 which won the Soccer Intramural Graduate League.

Since most people may think that all the members of the team are Mexicans, it won't be fair not to

mention that out of the 14 players only 9 are Mexicans, and the rest of them are two Colombians, one Venezuelan, one Philippine-Spaniard and one Irish.

Guillermo Sada
Captain

Campus Enrollment Is Under Projection

The official on-campus registration of students at Cornell is 16,361 for the 1976 fall term, according to figures released by the registrar's office.

The figure is 11 students more than optimum on-campus enrollment of 16,350 set for the foreseeable future by the University Board of Trustees. It is however, 0.5 per cent less than the total projected on-campus enrollment of 16,441 for this fall. The optimum figure was not to have been reached until the fall 1977, based on the University's most recent projections.

A total of 263 students are

registered in absentia, which means they are registered at Cornell but are studying somewhere else.

There appears to be no noticeable trend carried from previous years, but the percentage of returning undergraduates was higher than in the past in almost every college and school, according to the registrar's office. The number of freshmen and transfers was tightly controlled and, as a result came very close to the established targets.

A comparison of Fall 1975 and 1976 goals and official enrollment at the Ithaca campus follows:

	Fall 1975	Fall 1976	Change from Fall 1975	Goal Fall 1976	Variation from 1976 Goal	Percent Variation from 1976 Goal
Arch, Art & Plan.	500	472	(28)	473	(1)	0
Arts & Sciences	3695	3692	(3)	3675	17	.5
Engineering	2244	2353**	109	2250	103	4.6
Unclassified	79	67	(12)	80	(13)	(16.3)
Sub-total	6518	6584	66	6478	106	1.6
Hotel Admin.	600	602	2	585	17	2.9
Endowed UG Sub-T	7118	7186	68	7063	123	1.7
<hr/>						
Agr. & Life Sci.	2944	2989	45	2938	51	1.7
Human Ecology	1129	1108	(21)	1140	(32)	(2.8)
Ind. & Labor Rel.	592	617	25	590	27	4.6
Stat. UG Sub-T	4665	4714	49	4668	46	1.0
Undergrad. Sub-T	11783	11900	117	11731	169	1.4
<hr/>						
Law	495	509	14	490	19	3.9
Veterinary	274	283	9	290	(7)	(2.4)
Profess. Sub-T	769	792	23	780	12	1.5
Bus. & Public Adm.	447	456	9	440	16	3.6
Graduate School	3654	3477	(177)	3636	(159)	(4.4)
Graduate Sub-T	4101	3933	(168)	4076	(143)	(3.5)
Grand Total Regis.	16653	16624	(29)	16587	37	.2
Regis. In Absentia	160	263**	103	146	117	80.0
Grand Total (on Campus)	16493	16361	132	16441	(80)	(.5)

**Includes 49 students in Absentia from the Engineering Coop Program. These students have not been counted in previous years.

Assistant Director

COSEP Position Filled

Mario R. Van Zandt has been named COSEP's assistant director for non-academic programs at Cornell, according to Darwin P. Williams, director of minority educational affairs.

Van Zandt's primary responsibility in the newly created position will be to provide existing and developing student groups with organizational assistance. "I see my role as being that of a catalyst or facilitator for the growth and development of minority student organizations," he said.

Van Zandt also hopes to help make the activities of minority groups attract wider audiences from both the minority and majority student populations, and to bring minority and other student organizations together to sponsor joint events. Cornell now has some 30 minority student groups, ranging in interest from the Black Agriculturalists to the West Indian Student Assoc.

He will also be responsible for monitoring the performance of individual minority students in work-study jobs. "I hope to be able to en-



Mario Van Zandt

courage more Cornell departments and area businesses to hire minority students for part-time work," said Van Zandt.

Before coming to Cornell, Van Zandt worked as administrative director of guidance and tours at the Archdiocese of Chicago School

Board. In that position, he was in charge of all special programs and counseling for some 100,000 students in Catholic schools, and he supervised the activities of some 5,000 counselors.

From 1973 to early 1976, Van Zandt was director of counseling at Kennedy-King College, Chicago.

"What attracted me to Cornell was the opportunity to work with students primarily from urban environments who would suddenly be living in a rural setting, and who would be faced with the pressures of an Ivy League Institution," he said. "This job will definitely be a challenge."

"The COSEP program (Committee on Special Educational Projects) seems to have a progressive organization and I like its philosophical orientation," Van Zandt continued. "The University does seem to make a substantial commitment to minority education here. I've seen other campuses where minority programs exist only to satisfy federal standards. That's not the case at Cornell."

Van Zandt was graduated with honors from Chicago State University in 1971. He obtained the master's degree in clinical psychology and psychotherapy in 1973 from Roosevelt University, and a second master's degree in human relations administration from Governors State University, Park Forest South Ill.

Critical Maintenance Projects Approved

The first four major projects in Cornell's critical maintenance program, all roof repairs, with anticipated costs of close to \$800,000, were approved Tuesday by the Executive Committee of the Board of Trustees, meeting in New York City.

The first phase of the critical maintenance program, with projects estimated to cost some \$4.5 million, was approved by the trustees at their October meeting. The approvals Tuesday were in accordance with policy to bring all projects estimated to cost more than \$100,000 before the trustees.

The roof repairs are at Goldwin Smith Hall, with construction scheduled from April to December 1977; Langmuir Laboratory South Wing, scheduled for April to December 1977; Phillips, Upson and Grumman Halls, Nov. 15-Dec. 23, 1976; Teagle Hall, April to August 1977.

Trustees authorized the ad-

ministration to solicit bids and award contracts within project budgets.

Job Opportunities

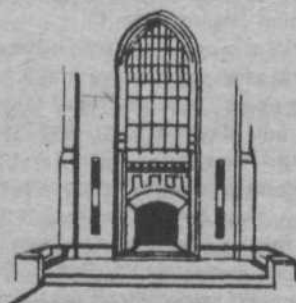
Continued from Page 2

Assistant Professor of Finance (B&PA)
Assistant Professor (Department of History (German))
Assistant Professor (Section of Neurobiology & Behavior)
Assistant Professor (3) (Department of English)
*Associate Professor (College of Arts & Sciences)
*Anesthesiologist (NYS College of Vet. Medicine)
Small Animal Medicine (NYS College of Vet. Medicine)
Clinical Radiologist (NYS College of Vet. Medicine)
Medicine (NYS College of Vet. Medicine)
Surgery (NYS College of Vet. Medicine)

These are all regular full-time positions unless otherwise specified.

PART-TIME AND TEMPORARY POSITIONS (All Temporary and Part-time positions are also listed with Student Employment)

*Administrative Aide I, NP-11 (NYSSILR (NYC) (1 year appointment))
*Clerk II, NP-5 (Vet. Administration (Temp. p/t))
Mail Clerk II, NP-5 (Administration, College of Human Ecology)
Clerical - Typist (Coop. Exten. (NYC) (Temp. p/t))
*Steno. I, NP-5 (Agri. Engineering (Temp. p/t))
Administrative Secretary, A-15 (City & Regional Planning (Temp. p/t))
Typist/Research Aide, A-14 (Government (perm. p/t))
*Department Secretary, A-13 (Div. of Biological Sciences (perm. p/t))
Department Secretary, A-13 (Biological Sciences (perm. p/t))
Program Aide NS (3) (Coop. Ext. Admin. (Nassau Co.) (Temp. p/t))
*Temp. Service Professional (Animal Science (Temp. p/t))
*Dairy Worker, NP-5 (Animal Science (Temp. p/t))
Lab. Tech., A-15 (Biochemistry, Molecular & Cell Bio. (perm. p/t))
Research Tech., NP-12 (Natural Resources (Temp. f/t))
Lab. Tech. II, NP-11 (Diagnostic Lab.)
Technical Aide, NP-9 (Natural Resources (Temp. f/t))
Lab. Tech. I, NP-8 (Plant Pathology (Temp. f/t))
Research Tech. I, NP-8 (Food Science (Temp. p/t))
Lab. Tech. I, NP-8 (Agronomy (Federal Nutrition) (Temp. f/t))
*Research Support Spec. I, CP03 (Agronomy (through 6/30/77))
Research Support Spec. III, CP05 (NYSSILR - NYC)
Research Support Spec. III, CP05 (Agronomy)
Research Support Spec. I, CP03 (Education (through 6/30/77))
Research Support Spec. I, CP03 (Vet. Physiology, Biochemistry, and Pharmacology (Temp. f/t))



WILLARD STRAIGHT HALL

Frank B. Howe

Frank B. Howe, 89, of 21 Renwick Heights Rd., professor emeritus of agronomy, died July 21 in Lakeside Nursing Home. He came to Cornell to teach in 1919. During his years as professor of soil science at Cornell, he had charge of the Soil Survey in New York State and in 1932 established the first Soil Erosion Project in the state. In 1933 he became regional director for the Soil Conservation Service of the state. He retired from Cornell in 1950.

'Authentic Question Difficult'

Leavitt Explains Position

Thomas Leavitt, director of the Herbert F. Johnson Museum of Art, issued a statement over the weekend concerning an article in *The Cornell Daily Sun* last Friday questioning the authenticity of a painting given to the museum.

Leavitt's statement follows: Questions have been raised in a copyrighted story in the Friday, Nov. 5, 1976 issue of the Cornell student newspaper, *The Cornell Daily Sun*, concerning the authenticity of a painting allegedly by Jean Baptiste Camille Corot, a 19th century French painter. The painting was given to the University in 1959 by Jerome K. Ohrbach '29.

Verification of the authenticity of Corot paintings is one of the American art world's significant frustrations. It is often stated in art circles that there are 300 original

Corot paintings, 3,000 of which are in the United States. The determination of the authenticity of a Corot is a difficult matter. Such paintings often can be questioned only in stylistic terms. The Corot painting "Le Pont et L'Eglise" may not have been painted by Corot himself. One possibility is that the painting was done by some of Corot's students and Corot applied some finishing touches. Then again, it may be proven in the future that the painting is a genuine Corot.

The question of authenticity of "Le Pont et L'Eglise" in no way reflects upon the integrity of the donor. It is my understanding Mr. Ohrbach owned the painting for 17 years prior to donating it to the museum. He had it appraised, felt it was genuine, and gave it to the University in good faith.

Change of attribution occurs frequently in acquisitions. It is not a phenomenon peculiar to any one museum, but is general throughout museums the world over. Therefore, it has been University policy since my becoming museum director in 1968 to accept only those gifts for which the attribution seems correct and based on adequate appraisals.

Further, it is present University policy to alert donors whenever any possible question surfaces of authenticity concerning gifts of art.

Just recently, a painting was donated about which I had a question. I talked to the donor, expressed my concerns, and advised that another appraisal be obtained through the Art Dealers Association of America. The donor is now having another appraisal done.

Risley Presents 'The Fantasticks'

"The Fantasticks," the longest running musical in America, opens as the second play of the Risley Theatre Season at 8:15 p.m. Friday, Nov. 12.

Performances are scheduled through Nov. 14 and Nov. 19-20 at 8:15 p.m. with a special matinee at 2:30 p.m. Nov. 20. Tickets are \$2 and are available at the door.

"The Fantasticks," book and lyrics by Tom Jones and music by Harvey Schmidt, opened off-Broadway 17 years ago and has been playing ever since. Two of its songs — "Try to Remember" and "Soon It's Going to Rain" became popular in the 60s. Jones and Schmidt went on to collaborate on the musicals "110 in the Shade," "I

Do, I Do!" and "Celebration."

Ross Haarstad, a sophomore at Cornell, is directing the play. "I've approached the play as a mixture of fantasy and the common place," he explains. "The characters are drawn from typical comic types: the young lovers, the plotting fathers and of course, the romantic bandit. But, instead of the usual social satire, the play revolves around the process of growing up. As in all comedies, love is the ruling emotion."

"The Fantasticks" is not the usual 'Broadway' musical. It uses few props and no real scenery. It is a theatrical play in the purest sense. Therefore I've staged it as a performance by a group of travelling players. The set is a travelling

wagon of the medicine show era and the players wear colorful but slightly ragged costumes."

"The aim of myself and the cast," the director adds, "is to create both a fun and a touching performance. To recreate the special magic of the storybooks we all read as kids."

Ruben Paintings At Museum

Paintings by Richards Ruben will be on display at the Herbert F. Johnson Museum of Art through Dec. 23.

In the 1950s and early 1960s Ruben was a leading abstract painter in southern California. He influenced a generation of young artists there through his work and his teaching at Chouinard Art Institute and Pomona College. In 1962 he settled in New York City and has taught at several universities and art schools in New York. He has exhibited widely.

Museum hours are Tuesday through Saturday, 10 a.m. to 5 p.m.; Sunday, 11 a.m. to 5 p.m.; open Wednesdays until 9 p.m.



Indo-American Fellowship Program Announced

The deadline for submitting applications to do advanced research in India under the Indo-American Fellowship Program for 1977-78 is Monday, Nov. 15. Details concerning the postdoctoral fellowships which provide a basic grant of from \$12,000 to \$15,000 may be obtained from the South Asia Program, telephone 256-6370. Ten grants will be awarded to U.S. citizens in the areas of law, medicine, architecture and social work.



Bruce Probst (left) appears as the Count and James Smith portrays Renfield in the University Theatre's production of "Count Dracula," which premieres tonight.

Dracula: 'Our Inability To Recognize Evil'

"This play isn't about evil as much as it is about our inability to recognize evil," says Stephen Cole, associate professor of theatre arts and director of the University Theatre's production of "Count Dracula" by Ted Tiller, which opens tonight at 8:15 at the Willard Straight Hall Theatre.

"The play really is a social comedy, in the sense that it's about a group of people with a special problem," Cole continued. "The fact that their problem is a horrific monster doesn't occur to them. But once they see it — once they realize they've invited the wrong guy to dinner — they can't defeat and resist him."

Count Dracula first appeared on the stage in London in 1927, in a version of the classic 1897 Bram Stoker novel written by Hamilton Deane. The production starred Bela Lugosi, and nurses were on hand at each performance to minister to the faint-hearted.

Lugosi also starred in the first screen version, filmed by Universal in 1931. With the words, "I am Dracula—I bid you welcome," Lugosi earned life-long fame as the cinema's first horror star. The Hungarian-born actor retained a life-long identification with the role and even was buried in Dracula's emblematic long black cape.

Interest in the vampire theme has been renewed in recent years. In 1969 the Berkshire Festival presented a successful revival of the stage play, and the 70s have seen the publication of such books as "In Search of Dracula" by Florescu and McNally and Leonard Wood's "A Dream of Dracula." A black vampire appeared on the screen in the 1972 film "Blacula."

"Dracula is both well-known to and well-loved by modern audiences," said Cole. "But between Stoker and us there are Bela Lugosi, the Munsters and Christopher Lee. The man in the black cape with the big fangs has become a figure of fun and derision."

"Even though the play we are doing is a comedy, it isn't camp — the figure of Dracula is never humorous," he continued. "The other characters in the play are funny people who say funny things, and that's where the comedy comes in. But Dracula is the embodiment of seductive evil, and he arouses the evil inherent in those with whom he comes into contact."

Will the play be scary? "I hope so," Cole said. "Everything has been arranged to be as scary as possible — the settings are scary, the costumes are scary. The play will alternate between moments of comedy and moments of horror. It's a black comedy."

Performances of "Count Dracula" will continue at 8:15 p.m. through Sunday, Nov. 14, and from Thursday through Saturday, Nov. 18-20. Tickets may be reserved by calling or visiting the Theatre Box Office, lower level, Willard Straight Hall, from 3 to 6 p.m. Monday through Friday (256-5165).

Deby Lecture Series In Chemistry Slated

Robert Zwanzig, a physical chemist from the Institute for Physical Science and Technology, University of Maryland, will deliver the 14th annual Debye Lecture Series Tuesday, Wednesday and Thursday, Nov. 16, 17 and 18.

This year's lectures, collectively entitled "Molecular Motions in Liquids," will be held in 200 Baker Laboratory. Lectures Tuesday and Thursday (Nov. 16 and 18) will begin at 11:15 a.m.; the lecture

Wednesday (Nov. 17) will begin at 4:40 p.m.

The lecture series is sponsored by the Cornell Section of the American Chemical Society in honor of the late Peter J.W. Debye, a Cornell professor and Nobel laureate in chemistry.

Zwanzig is considered a world authority on statistical mechanics and the theory of irreversible processes.

NSF Faculty Program

The Science Faculty Professional Development Program of the National Science Foundation will award approximately 150 grants in mid-April to college science teachers. Recipients may affiliate with either academic or non-academic institutions. Awards will be based on an applicant's potential and demonstrated ability as a teacher at the undergraduate level, on the scientific and educational value of the proposed plans, and on the appropriateness of the institutions or organizations to be involved.

Grant application materials are now available from NSF, and the application deadline is Jan. 7, 1977. Applicants may request tenures of from three to twelve months.

For copies of the announcement and application materials, contact the Science Foundation Professional Development Program, Division of Science Manpower Improvement, National Science Foundation, Washington, D.C. 20550. Telephone: 202-282-7795.

The Cornell Clippers

Walk inside the main door of the Straight, there on the left, same place where the barber shop used to be, there is the new clip joint. The sign says, "Cornell Clippers. No They're Not a New Hockey Team. New Hair Happenings for Everyone." Well, maybe not everyone. You have to have hair for the job. Photos show the before and after and some of the operations which are performed in between as Rosie LaForce gives Kahlil Day '80, arts and sciences, a Graduate Cut.



Before...



After...

And in between...



Wash



Section



Cut



Blow dry

Ask CIRCE

Final Exam Procedures Explained

The preliminary final examination schedule has been distributed and the official version will be available Friday, Nov. 19, at the college offices. In the past many students have come to CIRCE with questions about their exam schedule. We talked to C. Edward Maynard, assistant registrar, to find out about the University regulations governing final examinations and the independent study period. Some of the information might be helpful, so we'd like to pass it along to you.

Each year there are a few students who have a conflict in their schedule — two exams at the same time. These students should notify their professors immediately to arrange for a make-up. There are also a few unlucky souls who have three examinations on a single day. It is University policy to discourage requiring a student to take more than two finals per day. However, this is not specifically prohibited. The Dean of the Faculty urges faculty members to consider student requests for a make-up examination when the request is due to having three exams scheduled in a single day. Again, students should contact their professors as soon as possible to arrange for an alternate test date. The "eighth day" of exam week is officially reserved as a day to make up exams and resolve conflicts which could not be taken care of earlier. This year that day is Thursday, Dec. 23.

University legislation states that final examinations are to be held only during finals week and according to the schedule prepared by the registrar, unless a change is necessary to avoid conflicts. In order to reschedule an exam to the end of independent study period, the change must be agreed to by the dean of the Faculty and the registrar. This is done only to prevent large scale conflicts.

If formal examination format is not appropriate, an instructor may substitute a paper, project, or a "take-home" examination in its place. If the assignment is made far enough in advance (so that a student does not have to spend a significant part of study week to complete it), it can be due during independent study period.

One last point, to clear up some confusion we ran into last year: University legislation states that an exam may be given during the last week of regularly scheduled classes, but such an exam will not be permitted unless a final examination is also scheduled for that course during the written final exam period.

If you have a problem with your exam schedule and can't get it solved on your own, Mr. Maynard will be glad to try to help. He can be reached in

the Registrar's Office, 222 Day Hall, or at 6-3400.

CIRCE is located at the main entrance of Day Hall. Stop by with your questions or call us at 6-6200. Let us be the first to wish you good luck on your finals!



Student Aide

There are 10 openings for Student Service Aides in the Department of Public Safety. Applications for the positions, which provide up to 15 hours of work a week during the academic year and full-time employment during the summer months for Cornell students, may be made through Capt. James W. Cunningham at G-2 Barton Hall, telephone 256-4622. The 10 candidates selected for the jobs will undergo a 10-day training program with pay in January, during intersession. There are currently 10 trained Student Service Aides working for Public Safety. The students patrol buildings and properties, write parking tickets, help with traffic and crowd control as well as do clerical work among other duties. This aide is controlling the traffic signal at Campus and Central.



Corson Responds to Task Forces' Reports

During the Spring of 1975, task forces under the direction of Professor Ian Macneil, Law, studied University priorities and made recommendations to President Dale R. Corson.

In its edition of Sept. 4, 1975, the Chronicle carried a story on Corson's responses to the recommendations which he made in letters to task force chairmen.

The special section which follows contains the text of Corson's letters, edited for reasons of space. The name of the task force, its number and the name of its chairman appear before each letter.

There is no letter to task force #1, the Learning Environment, because the president has asked its chairman, June Fessenden-Raden, to review his other responses and to provide her evaluation in light of her task force report. That review has not yet been completed.

Sets of Corson's complete letters are available in the libraries.

Letter to Ian Macneil, task force chairman

Many of the recommendations spoke to suggested reorganization of some of the administrative units of the University. On balance these recommendations seemed wise. In some cases they have been implemented; in other cases, where there are broader implications than initially anticipated, I have asked Vice President Herbster to make his own evaluation and recommendations. I know from my discussions with him that he has relied heavily on the insights and analyses presented by the Task Force reports.

Your delineation of the "problem" of the central administration, to wit, "the Day Hall syndrome", has been a confusing one to deal with. American universities have never been characterized by their efficiency, at least efficiencies which can be measured in traditional management terms. Cornell's particular history of decentralized authority results in substantial autonomy of the colleges. It is an autonomy held onto with considerable tenacity, and properly so; but it is not particularly responsive to the ministrations of management consultants.

During my administration as President, I have tried to be consistent in according to deans and department chairmen the authority and responsibility that goes with this independence. In most cases, I have felt that deans are in the best position to know their teaching and research objectives and the trade-offs required to maintain both. Occasionally one pays a price when, by anyone's measure, an activity is ineffective. Analysis, investigation, and persuasion are required. This takes more time than would decisions flowing directly from the President's Office. The balance between decentralization and executive assertion is delicate.

During the past decade we may have spent too much time developing policies and plans and too little time implementing them or even

forthrightly rejecting them if they turn out not to be useful. Perhaps this systematic response to the Task Force reports will be a useful precedent. The central administration must be open, clear, and decisive when appropriate, in order to establish the mutual faith and trust that is required between the central administration and the campus as a whole. I am grateful to you for spelling out your views on this subject.

Central Administration, Staffing and Organization (#14), H. Justin Davidson

One of the most vexing questions raised throughout the priority studies reports was that of the nature of the relationship between the administration and the faculty.

As you know we accepted the recommendation that the position of a senior vice president be established. The major implication of Vice President Herbster's arrival is that he will be responsible to me for the management functions of the University, freeing the Provost, as the No. 2 officer of the University, to devote more attention to academic affairs.

It is clear to me that the style of Provost Knapp in working with the deans has immeasurably improved the spirit of cooperation, openness and a genuine sharing of the issues and problems which confront all of us. It is true that many of our operating policies and procedures have not been codified but I believe a major step has been taken by Vice President Lawrence with the Provost in the establishment of an Administrative Council.

The Council has in its membership the key administrative and executive officers of all the academic units as well as members of the administration. One of the further advantages of this group, if it is successful, will be to diminish the necessity of the deans' dealing only with the Provost rather than with some other executive officer or administrative department head who might have the answer readily at hand.

Self-governing Structures (#15), Frank H. Golay

The recent history of the University Senate is well known. Your report refers to it but the public discussion in the news media, faculty meetings, trustee meetings, to say nothing of the coffee houses, has been extensive. Criticism in the last eighteen months has, on occasion, reached near-crisis proportions. The observations made by a small group of faculty and student Senate leaders, suggesting it was time to have a campus referendum to ascertain the extent of the support of the Senate, was yet another major challenge. As a result of all these doubts, the Senate established a committee to make recommendations about self-governance for the

future. The committee was unable to reach a consensus and, therefore, I took the initiative to appoint a study commission.

There are a number of important issues which I feel cannot await a final resolution of the future of the Senate. Advising and Counseling is one such example. We are considering a more effective organization for support services, in spite of the fact that some of these areas fall within the initial jurisdiction of the Senate and others within the purview of the central administration.

There has been some malaise evident about the efficacy of the Faculty Council of Representatives. Yet, it is in Cornell's tradition that the faculty organizations be essentially autonomous. Therefore, any changes in organization structure must emerge from the faculty itself. That is not to say that the relationship between the central administration and faculty governance cannot improve. I am pleased with the first step that has been taken to involve the Faculty Council of Representatives' Budget Committee in the budget process early enough so that policy questions can be considered and budget determinations can reflect these considerations. I continue to welcome any suggestions to facilitate this necessary spirit of cooperation between the faculty and my office.

One of the most devastating effects of Cornell's problems in the late 60's and early 70's was the collapse, in effect, of the judicial system. Without a judicial organization a community as complex as Cornell cannot operate effectively. The creation of a University Ombudsman as well as an office of the Judicial Administrator, followed some years later by the office of the Judicial Adviser, has in my judgment, helped gain the stability needed.

The University Senate has considerable interest and authority in the Offices of the Ombudsman, the Judicial Administrator and the Judicial Adviser. It is a responsibility shared with my office. At this point, there is no disposition to make major organizational changes. However, the restraints and problems you noted remain before us. To some extent their resolution may depend on our response to the Study Commission on Self-Governance which I described above.

Academic Responsibility Of the Faculty Teaching, Research, Advising (#6), Geoffrey V. Chester

Many of the decisions made this year in consultation with the deans and with the administrative staff reflect your report. All were made in the context of maintaining Cornell's excellence and freedom as well as maintaining the quality of teaching and research.

It is clear that one of the most important administrative positions in

the University is that of departmental chairman, upon which rests much of the responsibility for maintaining the institution's excellence. We have started a program of inviting new department chairmen to meet with some members of the executive staff, not only to acquaint them with central administrative procedures about which they may not be aware, but to convey to them the extent to which we depend upon them.

The Provost and I concur with the committee's recommendation to ask department chairmen to comment annually on a number of specific topics and to ask the faculty member to provide some indication of the various responsibilities and activities which consumed that faculty member's time during the year. No effort will be made to develop uniform reporting procedures, and the individual colleges can determine best the format most appropriate to their unit.

In most respects the recommendations and suggestions of your committee are probably best implemented by the deans; however, the Provost's efforts in establishing coordinating committees in the social sciences should do much to avoid course duplication and overlap in some research, and also should provide some coherence between and among the activities of the various disciplines within the Division of Social Sciences.

The appointment of Dr. June Fessenden-Raden as Vice Provost with particular attention to undergraduate education was made to provide continuing attention to a number of aspects of the learning environment. This includes the undergraduate advising system, the quality of teaching, particularly by TA's and new faculty, and the annual evaluation of teachers and their courses through one instrument or another. Included also will be some attention to the effect of even marginal increases in class sizes and to the possibility of some reduction in the number of course offerings during the year.

As you know, we did insist that the nonacademic administrative support areas take a larger cut than the academic areas. However, there will be some reduction in the size of the faculty as the student enrollment remains constant. In order to preclude damaging departments, we have extended those reductions beyond the three-year period to five years in some cases. For the most part, I expect that faculty who resign or retire will be replaced by younger faculty. In addition to this being an obvious economy, it helps to bring continued vitality and enthusiasm to our departments.

I do not believe that we have been as successful as we might in reviewing more critically our promotions, particularly in respect to tenure. Vice President Cooke tells me that the number of assistant professors eligible for tenure who have been recommended by the departments is little different from the ratio five or ten years ago. In the same vein, we have learned that it is

difficult to remove ineffectual faculty members, although early retirement has been offered in a few cases.

Academic Mission and Centralization/Decentralization (#5), Richard D. O'Brien

Efforts to cost account for instruction and research have been considered by a number of groups to which Cornell belongs.

As your committee noted, we have embarked upon our own Responsibility Centers Analysis in an effort to gain some useful information. The first phase of that project was completed by way of a retrospective look at the years 1973-74 and 1974-75. It was directed at the colleges in Ithaca and some twenty separate research and teaching units. The feeling at the moment is that this analysis procedure is not particularly effective below the level of the college or other major academic unit such as a center.

While the Responsibility Centers Analysis has been informative, it is too early for us to tell whether or not the approach will be sufficiently meaningful to justify continued effort. Much will be learned, I suspect, from the current experimental application of this process to the School of Business and Public Administration.

Your general rule is a good one in that whenever a support group is the direct arm of an academic unit, that group should be decentralized in the same manner as the academic unit. There are many activities such as payroll and building maintenance which can only be efficiently accomplished at the central level. Economy of output by support staff must be considered, however, in light of any influences which would diminish the vitality and freedom of the faculty in the academic departments. Experience in the next two or three years should give us some more understanding of this, but, insofar as possible, the important academic decisions must be made at that level. An erosion of this principle will ultimately work against the teaching, research and public service mission of the institution.

Support of Academic Mission (#12), Andrew S. Schultz, J

A group of deans is presently reviewing the manner in which the responsibility center analysis may be utilized most effectively with respect to college budgeting. The deans should find it much easier now to discuss with department chairmen the effect of any changes in support elements and, as you indicate, be in a position to take compensatory action as needed. I further agree with your caveat that this information must be available at the time budget decisions are being made.

I agree with your conclusion that the dean and, in turn, the academic department chairman are in the best position to make the necessary

trade-offs. This is not only true because that is where the information is, but it does seem to me to be consistent with our goal to maintain the present form of decentralization of budgetary decisions insofar as possible.

The role of teaching assistants was considered by many other task force committees. Some looked at teaching assistants in relation to the quality of undergraduate education and others looked at them as essential to supporting research and graduate programs. The various thoughts on graduate education have not been pulled together as yet but the Provost does intend to take a serious look at it this year. The subject of teaching assistants will be a part of that review.

Graduate Education (#9), Tom E. Davis

In addition to the recommendations of your task force, I found a number of suggestions and recommendations on graduate education in a half dozen other task force reports. We have felt that it is important to pull all these together in a series of systematic discussions on the full dimension of our graduate education.

During this past year the quota committee of the Graduate School has started a thorough review of the graduate fields and the quota of graduate students allotted to the fields each year. We are determined to keep our total enrollment at 16,500 students for the foreseeable future and to live within some agreed-upon distribution between undergraduate and graduate students. Within the graduate student enrollment I include professional masters degree programs.

There will be an annual influx of new graduate students according to agreed-upon numbers and these, of course, will be distributed among the graduate fields. The bases for this distribution, however, become of important concern to the quota committee. Their judgment will be in large measure determined by the quality and the number of applicants for admission to a particular field and the quality and number of faculty available to give proper attention to graduate student education. The amount of financial assistance for graduate students is yet another consideration.

The Graduate School office has been consolidating a number of programs within some of the fields, but except for the termination of some teacher certification programs in the Department of Education, I am not aware that any graduate field has been terminated.

Minority Programs (#4), Clarence H. Reed

Task Force #4 had the special assignment of reviewing other task force recommendations in order to assess the impact upon our minority programs. Your report was helpful to the Trustee Ad Hoc Committee on the Status of Minorities, which reported to the Board of Trustees at our October 1975 meeting. That report and the Provost's plans were reviewed by the Faculty Council of Representatives Committee on

Programs and Policies. They received wide circulation and, taken together, represent the University's plans for the future.

You listed some general recommendations about which we have continued to be aware. Definition of minorities is explicit in two sections of the Trustee report. The danger of reducing our support for minority programs during an era of budget reduction has been a real one. However, the Provost's staffing plans in this area demonstrate that we have not cut back but have made a significant gain in both dollar support and staffing members. We agree that further consolidation of student academic support services is not in the best interests of the students or the institution and this would apply also to the COSEP office. Increased support staff for minority activities in the colleges has been authorized by the Provost, but, at the same time, we seek to build more cohesion among all the various University and college activities. Vice Provost Raden has been talking to a number of groups and I know, from my most recent conversation with her, she includes the COSEP Office as an important operation, not unlike the International Student Office, that needs to keep its identity but, at the same time, is able to draw upon all the other resources of the University.

The decision to appoint an associate dean of Admissions and Financial Aid, with special attention to minority affairs, will, I trust, give us an effective arrangement for developing both financial aid policy and admissions policy that keeps minority interests clearly identified.

We all have been somewhat skeptical of the amount of additional time we can expect faculty to spend on advising, but some of the deans and department chairmen have given considerable thought to this, and I believe some gains will be made this year which should improve advising and counseling relationships between minority students and faculty.

While it appears that three or four additional minority faculty members will be added this year, I look forward to the day when there will be a larger percentage of our faculty drawn from minority groups. This will be of great assistance to minority students. In the meantime, involving more of our faculty in the Learning Skills Center activities and special tutorial programs will provide minority students the opportunities for the extra attention and help they need.

I particularly liked your notion of including minority alumni in our public affairs activities.

Library, (#11), Ari van Tienhoven

I hope that I have made clear the need to maintain Cornell's Library as one of the strongest in the nation. I recognize it is essential to do so if we are going to adhere to the overriding priority of research and scholarly work by the faculty and the attraction of an able, socially-diverse student body.

We have not exempted the Libraries from our reduction plan but we have not applied a fixed across-the-board percentage to it as we

have to academic units and administrative units. The acquisitions budget will always receive special attention. I fear that the impact of this preference will be some erosion in service. As your committee indicated, if and when the economy improves, services can be restored much more easily than books.

Two developments move in the directions suggested by the Task Force:

1. Provost Knapp has discussed with the Library Board and Mr. Miller the possibility of developing a budget for a five-year acquisitions program which would take into account both rising costs and expense conservation efforts which might be developed.

2. In response to the request for the 1976-77 budget, Mr. Miller has prepared a number of plans with respect to future library needs, principally in terms of space and new systems development. We hope that with this planning we can move forward with a clear program of support for the Library.

During this year the Provost has assumed more direct responsibility for the library activities and has very much in mind the problem of storage and the need of an undergraduate reserve book area, as well as other problems relating to space needs throughout the system.

We all share the committee's views that much more cohesion and centralization is required with our social science holdings. At this point, the cost of constructing such a center, readily accessible to faculty and students, seems prohibitive. Whether space can be aggregated with off-campus storage, coupled with relocating some undergraduate library service to, for instance, the North Campus Union, and the possibility of developing more space for special collections, is unknown at this point. These considerations are a major item on the Provost's 1976-77 agenda.

I am in total agreement with your recommendation and those which have come from other groups, that we must not embark upon new programs, be they research or teaching within colleges or centers, without a clear view of the added demands that will inevitably fall upon the library system. One of the problems associated with the virtue of academic decentralization is the difficulty in finding the mechanisms to ensure that review.

Centers and Interdisciplinary Programs (#8), Don M. Randel

Deans and their educational policy committees have been charged to review, on some regular basis, their interdisciplinary programs and, as you say, not from a financial or cost accounting point of view but whether they remain academically strong and vital.

In a couple of cases it has been mandated by the Federal Government to establish a free-standing organization even though the activities are clearly related to a single department. An example of this is the Center for Radiophysics and Space Research.

On the other hand, two centers

come to mind which genuinely are involved in more than one college, and it makes more sense to have their directors reporting directly into the Provost's Office. Most of the centers and programs, however, are not as cleancut as these and serious efforts have been made this year to identify the cognizant dean wherever possible and assign the activity to that college's jurisdiction. The Society for the Humanities is one and the Council on Creative and Performing Arts is another.

We are aware that we have not had a clear patent for evaluating centers and for making hard decisions about their continued future. Certainly in the case of CIUE, a faculty review committee made an evaluation and the conclusion was rather clear to us. In the case of the Human Affairs Program, after some discussion at the Deans' Council meeting, we decided to discontinue it at the end of the current academic year.

In my personal view, the centers have worked with unusual success and are a very useful mechanism. Some of our centers have a national reputation and I believe justify continued support from appropriated funds. Suggestions of your committee to have regular reviews, that is, to have our own faculty and deans regularly evaluate Center and Program activities, should be institutionalized in a more regular way. As a result of the difficulty your committee had in understanding the financial base for many of the centers, Vice President Lawrence has applied his program on Financial Responsibility Center Analysis to most of them and we now have a much clearer basis of the extent of institutional support required to maintain them.

I agree with the Committee's recommendations that tenure should not be granted in a Center or a Program. Where centers have been successful they have included faculty who have traditional disciplinary bases. The one exception to this, because of its special nature, is the Africana Studies and Research Center. You will recall that three years ago a study committee recommended that the program become attached to the College of Arts and Sciences. That recommendation is currently being reviewed. In the meantime, it was decided that tenure would be granted when appropriate. As a consequence, the Board of Trustees, at its spring meeting this year approved recommendations for tenure to three members of the Center faculty. Such has not occurred in any other center.

Research and Cost Recovery (#10), Harold Bierman Jr.

Your report made a number of comments concerning University attitudes toward research. I agree with these statements. Research and scholarship is not only beneficial to the University, it plays a vital role in making Cornell the institution that it is today and has been in the past.

I also concur that it is not possible to separate the research and teaching role of the faculty — both roles are intertwined and complementary. I am convinced that, except in some unusual cases,

research activity on the part of teachers adds to the quality of instruction.

In answer to some of your specific comments, I agree that it is essentially impossible to devise a reasonable cost-benefit analysis of the Cornell research effort. Overhead probably does not cover the full costs of sponsored research, but such a simplified analysis leaves unanswered the question of how much Cornell should invest in its research effort. It is obvious that if sponsored research did not exist, or were to disappear, there would be enormous financial dislocations in all areas of the University, science and non-science alike. In such an event, I have no idea where a new source of the million dollars in indirect costs now supporting the Library would be found. It is most likely that the dollars would not be found and the impact would be felt by all areas.

Your recommendation that any new proposals involving significant expansion be carefully examined by the administration and a faculty committee has been a continuing policy.

Proposals that might have a long range financial impact on unrestricted funds are now carefully monitored. When such proposals do appear, they are not transmitted until someone agrees to absorb the financial burden.

I concur that "soft" money should not be used to support long-term faculty appointments, and that is our current policy. The only circumstances in which faculty salary support from "soft" money is approved is in those cases where there is need for funds to bridge a period of a year or so until a position would become available.

Compared to other institutions, where the loss of support has become a real problem, this conservative policy of Cornell has served us well.

Financial Aid Policy and Administration; Tuition Levels (#3), Jerome Haas and William C. Gifford

You properly observed that financial aid policies do determine admissions and admissions should, in turn, be a reflection of the institution's goals.

On July 1 a reorganized Admissions and Financial Aid Office was established for precisely the reasons that you identified. Coherence between financial aid and admissions is essential. Administering financial aid has become a complicated business.

A new Director of Financial Aid was appointed at mid-year, and one of his first assignments has been to identify and codify our existing financial aid policies. Whatever policies we have had were, in fact, based upon administrative precedent rather than thoughtful analysis of ways to meet objectives.

Don Dickason, Dean of Admissions and Financial Aid, has indicated that major steps are under way to collate these policies and amend them where appropriate so that the entire University community will have access to them. Further, he is developing a financial aid advisory

committee of faculty and staff to review and to make recommendations to me as changes are necessary.

Included in such policy review will be all the financial aid activities related to the minority students and students coming from low-income backgrounds. In determining the expenses which the average student can expect to incur at Cornell, Dean Dickason has revised the procedure in that he annually samples students and parents to ascertain the real costs that they have incurred.

I have determined that we will not increase our enrollment as a way of handling our financial problems. I am also hesitant to establish a policy of extensive use of the admit-deny category since it, in turn, could have a negative effect upon our desire to maintain a socially and economically diverse student body.

Student Academic Services (#1), Robert A. Scott

After discussion of the report we decided not to seek consolidation of the various advising and counseling activities, not only because the financial costs were prohibitive but also because we felt it was not consistent with Cornell's history, on the one hand, and the variety of jurisdictions which currently exist, on the other. By the latter I refer to the initial jurisdiction which the Senate has over some support offices and to the long history of the individual undergraduate colleges' responsibility for these aspects of academic life.

Clearly something more than cooperation is needed and we think a now more in terms of cohesion, a word which you will recall was used to characterize the needs of the undergraduate admissions activities. To this end Vice Provost Raden has met with many of the various counseling and advising officers and with Vice President Gurowitz and Vice Provost Barlow. An approach is being developed on how to relate our various counseling and advising activities in a more rational way.

The administrative staff, as well as the deans, have discussed ways in which the faculty could be more heavily involved in advising and the central offices can be of major support to them. Clearly there are some counseling activities with which the faculty does not always feel comfortable but there are many situations in which students would profit immeasurably from a more substantial relationship with faculty advisors.

In all these discussions we have also recognized the emergence of the peer counselors and the effective role they play. Their orientation and training will be increasingly important.

We did not agree with your committee recommendation that the Division of Unclassified Students had outlived its usefulness. Many had commented to us that so long as the individual colleges have the prerogative to determine their own admissions, some mechanism is needed to facilitate intercollege transfer. I do agree with you that that office can merge with the guidance and testing office. I hope we can accomplish this shortly.

Life Safety, Safety Division, Traffic/Parking, Campus Bus (#22), Jon T. Anderson

I asked Messrs. William Jones, Michael Toomey, Eugene Dymek, and William McDaniel to examine your recommendation to consolidate building guards, Life Safety services, and the Insurance Division into a common enterprise. In the middle of the fall semester they presented me with such a plan which was reviewed by some of the Executive Staff. I returned it to the drafters for further discussion and it has been referred now to Mr. Herbster, the Senior Vice President, for his attention.

There are many notions in that plan which are worthy of serious consideration.

In keeping with your budget reduction recommendations, the endowed funded Safety Division staff was reduced by three officers and the state funded Safety Division staff was also reduced by an amount equivalent to approximately three positions.

For the past two years the University has been fairly successful in collecting fines for parking violations by students. It is quite another matter to collect them from faculty and staff. There are certain laws which preclude automatic withholding from the paycheck, and I have asked the University Counsel to explore further a legal way of enforcing collections as successfully with faculty and staff as we have with students.

A Student Services Aides program was initiated during the spring semester. A few students are presently serving under this program which has a planned complement of twenty when it reaches full strength. Efforts will provide both economies and enable the Division to expand some services.

University Unions (#23), Richard H. Penner

(In response to this task force President Corson provided a report from Ronald N. Loomis, director, University Unions. Loomis reported systematic evaluation of each of the task force's 17 specific recommendations about Unions programming and budgeting, with action on many of them.)

University Health Services (#21), Howard C. Kramer

In addition to some specific recommendations that your committee made, the recommendation that there be established a health services planning committee was timely. You noted that we had received a planning grant from the Gannett Foundation in April 1975 and at that time I appointed a health planning steering committee composed of representatives of both the University community and the Ithaca community. This steering committee was chaired by Vice President Gurowitz.

A supplementary planning grant has been received recently and ex-

tensive discussions are now ensuing with many segments of both the University and the Ithaca communities. These discussions have implications for the future of the Sage Infirmary, the size of the professional medical staff and, of course, the question of student health insurance and other charges.

Athletics and Physical Education (#27), Scott B. Elledge

Shortly after your report was submitted, the Chairman of the Board of Trustees established a Trustee Ad Hoc Committee on Athletics which, among other things, was asked to examine and recommend the proper role for athletics at Cornell. The report of Task Force #27 on Athletics and Physical Education, as well as the references which Professor Macneil made to that Task Force report were a part of the background material which the Trustee Committee considered. Throughout all these discussions I have insisted that no department of the University was exempt from the budget-reduction plans and that I would expect the Department of Physical Education and Athletics to respond in the same way that the Colleges and other Administrative units had responded.

The Advisory Board on Physical Education and Athletics has been reconstituted. Among other changes, the Board now elects its own chairman instead of having the Director of Physical Education and Athletics as the permanent Chairman. I know that Mr. Schultz also supports the recommendation that women's intercollegiate athletics and sports participation opportunities be strengthened, together with maintenance of a strong and active intramural program.

Faculty Compensation, Terminations and Retirement (#7), Olan D. Forker

I have indicated that it is essential that Cornell maintain a strong faculty and certainly ensuring competitive salary positions is basic to that. As far as I can tell from the information gathered from sister institutions, the faculty salary pool available to us at Cornell is one of the higher ones, and unlike in previous years, increases are discretionary, to be based upon merit and ultimately determined by the dean in consultation with his various department heads.

The only guidelines which the Provost and I discussed with the deans were those to ensure that insofar as possible, salary levels between and among the colleges remain comparable. Unfortunately, these guidelines must seem hollow to the faculty in the statutory colleges. However, the Provost and I have already initiated conversation with the State to impress upon them the destructive effect continued failure to provide salary improvement for faculty and staff will have upon the quality of these colleges.

Fringe benefits this year will increase from approximately 18 percent to 20 percent primarily as a

result of Federal legislation. It is clear to me that our fringe benefit policy needs review to ensure that such benefits are available equitably among our staff.

The Affirmative Action Program has been under review throughout the year, and we are now in the process of establishing goals and timetables for each of the academic units. We expect to issue a revised Affirmative Action Plan in the fall, which places fundamental responsibility for affirmative action on academic appointments with the Deans of the colleges and schools.

It might be useful to note that there has been some clear progress on affirmative action during the past year. Approximately one half of the new appointments on the tenure ladder in the College of Arts and Sciences for the forthcoming year are women. In addition, we have had at least four new minority appointments to the faculty for 1976, and one or two additional appointments are still pending.

The deans and the executive staff discussed the process by which programs or departments might be terminated and have difficulty with your recommendation that University-wide consensus be sought before such a decision could be made. Here again, the deans with their educational policy committees, together with the Graduate School, are in the best position to evaluate the vigor and quality of departments and to determine whether they should be strengthened, reduced, or terminated.

Operating Efficiency: Incentives and Restraints (#20), Donald P. Hayes

In 1974 the University appointed Mr. Robert Sweetall as Associate Director of the Personnel Department and charged him with the responsibility to reorganize the Ithaca office. An important element of this was to improve the recruiting and selection of staff with important attention to Affirmative Action goals. In November a supervisor of the Recruiting and Placement Section was hired to begin the process of appropriate recruiting, screening and the development of a skills bank that could be drawn on, with attention to the aspirations of our own employees.

Related to this is providing the opportunity for nonacademic employees to grow in their skills and capabilities to be eligible for improved situations. Since we have had a Director of Training and in recognition of the importance of staff training, additional funds have been allocated for these programs.

The subject of fringe benefits has been raised across the University and Dr. John McConnell, a former Dean of the School of Industrial and Labor Relations and recently retired as President of the University of New Hampshire, has undertaken a full study of the fringe benefits program. Dr. McConnell is exceptionally knowledgeable about this area — particularly the relationships of the state and endowed divisions.

As you know, salary improvements for the current academic year

were determined on the basis of merit. Coupled with this, a readjustment of the nonacademic salary scale was established during the 1976 spring semester.

General Services (#18), Donna M. Raynsford

Over the past year the administration has been seeking to reduce expenditures in support of supplies, materials and miscellaneous services both by reducing usage and by reducing costs of the services themselves.

The costs of supplies, materials and miscellaneous services can often be minimized through efficient central procurement techniques. Providing necessary supplies and services at minimum cost is, of course, the mission of the General Services Division and the major portion of the Task Force report dealt with the details of that division's operations. Although not every recommendation has been implemented, each received close attention. In view of the number of specific proposals in the report, I will only highlight in this letter the response that has been achieved.

1. Duplicating and Photographic Services — Our efforts to reduce the number of photocopying machines in service on the campus have met with only limited success since user units appear to place a high premium on the convenience of close-at-hand xerox services.

2. Printing Needs and Services — General Services offers standard forms and a standard letterhead at a reduced cost to the user but this standardization effort has met with only limited success.

3. Messenger Mail — Through the redesign of our standard messenger envelope we have now reached what is probably the lowest ultimate cost per use of this item — .0007. A continuing program to keep envelopes in circulation has resulted in substantial savings involving the purchase of new envelopes.

4. Travel Services — Most travel is booked through the Travel Office. However, there are still some units, mostly in the Statutory Colleges, which make their arrangements on a direct basis with local travel agencies. We have pointed out the hazards of this practice to the Treasurer and the Statutory Director of Finance, but they choose not to make an issue of this matter with their personnel. As long as the State Finance Office honors the vouchers from local agents, we are powerless to eliminate the practice.

5. Purchasing and Stores — For the past twelve months, General Services has made a serious effort to communicate with the colleges and departments it serves. The Director has had interviews with all deans or their delegated representatives. The Manager of Purchases has had interviews with practically all major department heads and/or their staffs. With minor exceptions, users appear pleased with the services we offer and the way we provide them.

6. Surplus Acquisitions — As recommended, this activity has been merged with the Purchasing Department.

The department's efforts to acquire and dispose of surplus equipment have proved to be a cost effective service, which has been welcomed and used by many academic departments.

Developing Austerity in Community Behavior (#25), J. Mayone Stycos

Recently I learned that Cornell received a prize of some \$2,500 for its successful "war on waste."

The general expense savings this past year have been significant. It is a demonstration of how responsive the campus has been to the need to economize where possible. Vice President Matyas has reported that our utilities bills were not as high as anticipated. Paper consumption was reduced as was the use of the Xerox machine. These are but examples of the broad range of economies that were affected this year. I am grateful to the Cornell community for the extent of its cooperation.

Utilization of User Charges (#24), John P. Brown

Our first approach was to develop an inventory of all the various fees currently charged to our students. Some are optional; some are uniformly applied. We were surprised at the number of separate fees which we uncovered. With this information, we have classified them into three categories. The first of these are basic charges for instruction, second are some general charges such as application and registration fees, and the third group could be called penalties, such as late registration.

We have been trying to rationalize this entire fee process, and the parameters which you established, particularly in the section of your report on "final consumption items," have been useful. It is not always easy to determine the administrative costs, but some serious efforts are being made.

The pricing of tickets to athletic events is coming closer to true costs and during the last few years purchase of the athletic coupon book has been optional. On the other hand, we do feel that it is educationally sound to make the facilities of Teagle Hall available to students, an opportunity we feel is consistent with the objectives of what is essentially a residential university.

Your example of the bus service which we provide gave us the incentive to review that area immediately and as of the start of the fall term a charge will be levied for riding the bus except for those who must park in the peripheral area and need efficient transportation to the campus.

We have asked the University Library system to give serious consideration to charging for the library services which are provided to those who are not members of the Cornell community. There is considerable interest in this although it gets complicated because of the cooperative relationship we have with the State University of New York which has mandated that its libraries be available to all who wish to use them.

We are developing a scheme whereby the colleges will receive all of the net income gained from special institutes, summer programs, and programs which may be developed during the winter intersession. It is our intention to retain only that which covers administrative costs borne by the Office of Summer Session and Extramural Studies. We hope that this will provide an incentive for colleges and, through them, the departments to help us utilize the facilities of the campus more fully during the summer, particularly since the department or the college gains economically from their successes.

The list of publications which the University sponsors is, as yet, incomplete. We are asking the departments to give us an inventory of their publications. At the same time we are taking a look at the organization of all our publications and communications services, seeking a more efficient way to manage this active enterprise. From this will follow consideration of more realistic charges, particularly for publications which go outside the campus. In the long run, I prefer to reduce our publications rather than to try to sustain the number we have and, thereby, be forced into aggressive marketing procedures.

Yours is not the only task force report which suggested that costs of utilities and building maintenance be assigned to the academic unit or administrative unit which has cognizance over the facility. Serious review was made of this possibility but has, for the time being, been rejected as not feasible in light of a nearly ten million dollar deferred maintenance program which we must complete within the next two or three years.

In retrospect I do not feel that we have exhausted the possibilities of user charges on internal support items. I hope that sometime this fall we will have the opportunity to explore this more fully.

Physical Plant Use and Maintenance Program (#19), Alan W. Morrison

Related to your recommendation that the University consider a plant utilization charge system, Vice President Matyas considered the possibilities of initiating such a procedure. After considerable exploration of all the components that would go into such a system, he reached a conclusion that, at this point, at least, it was not feasible. We do not have available to us the detail of information that would be required to assign appropriate costs to the various budgeting units. Much progress has been made in this area, however, by the Financial Center Analysis Program, initiated by Vice President Lawrence.

Parallel to this investigation was a review by the Planning and Facilities Division of the most economical way to deploy staff in the case of buildings and grounds. To that end many of the activities which had heretofore maintained their own maintenance staff have revised their procedure and transferred their staff to the Physical Plant Operations Department. Except for the specialized care of play-

ing fields, the Athletic Department maintenance is one such department and the Transportation and Traffic Division another.

Mr. Matyas' staff has zoned the general work force to specific buildings and grounds areas, as you suggested. This already has been demonstrated to be both cost effective and efficient and will be more so when the two-way radio system between the main offices and the various work forces is installed.

Nothing has preoccupied Mr. Matyas' attention more this year than the problem of deferred maintenance. While we did not appoint another task force for this investigation, many members of the Planning and Facilities Division have spent a considerable amount of time and energy in evaluating all the buildings, classifying them as to their maintenance needs.

The energy action plan has been completed and the request has been forwarded to the Trustees for funding consideration at a cost of a little over one million dollars.

Your Task Force mentioned specifically the telephone system. An outside communications consultant was interviewed but not engaged. However, there have been several in-house studies evaluating additional services. One of the results of these studies was the introduction of the wide-area telephone system (WATS) which has already demonstrated significant economies. In a large measure this is due to the cooperation of all the various academic and administrative units.

Part of the rehabilitation of the steam plant reflects the concern for the safety and working conditions which surround the plant. The Trustees have authorized over five million dollars to upgrade the system with safety, working conditions, environmental conservation and plant efficiency as the most important objectives of the project.

Administrative Data Systems and Administrative Computing (#16), P.C.T. de Boer

Your suggestion that over the next few years we seek to "stabilize and simplify" our systems is a most important one. Within that basic rubric we are seeking to change the attitude of the entire University toward administrative computing by putting our emphasis on those tasks which are essential as opposed to those which, to use your own words, would be "nice to do."

We have resisted any new administrative computing systems or major modifications to existing systems with the following exceptions: Student billing had been a cumbersome process, and we did buy some software for about \$20,000 to permit us to prepare student bills on our own computer. The bills heretofore had been prepared under a service bureau contract. It was determined that such an expenditure would be offset by savings the first year.

Last summer a group spent considerable time reviewing the student records and registration system since the previous program with SCT had collapsed. We examined

systems from two other institutions which were easily adaptable to Cornell. While they were good, upon further review, we decided we would be paying for systems which would be doing many more things than were essential for our needs. We chose then not to spend the money but rather to rehabilitate our present system, using existing staff drawn from the Registrar's Office and MSA, and to develop programs that could be operated at a cost no more than we are now paying annually. The major saving here is in not having a purchase outlay of between \$100,000 and \$150,000.

In developing this program we have depended heavily upon the users in the colleges — specifically, the college registrars. No program will be considered accepted until the college registrars agree. This has given the additional dividend of having the users intimately involved in the planning and, therefore, committed to its ultimate success. This, I believe, speaks directly to your recommendation that users must be active participants in program development and rehabilitation.

Where possible, costs for the various academic and administrative departmental computing needs are being shifted to the departments' budgets, forcing them to decide how high their priority is in relation to other departmental needs and in the context of our three-year budget-reduction program.

We have reduced the staff in MSA by 40% and have discontinued the Student Information Systems Office. The residue of that office's activity has been shifted to the technical unit within the Registrar's Office. Finally, the executive staff agreed immediately to extend dependence upon the 370/168 by upwards to five years, although we will maintain our existing amortization schedule.

Publications (#13), Shayle R. Searle

During the summer the Executive Staff and the Deans met to discuss many of the implications of the task force reports and I determined at that time that I wished a 25% reduction in publications, partly for reasons of economy but also because, in my judgment, we have too much paper distributed and no assurance that it is being read. While the deans, in general, shared my interest in reducing the amount of publications, they felt that such decisions should be made at the level of the budgeting unit rather than by the central administration. Their arguments, in many cases, were persuasive, particularly where development efforts are intensifying in the colleges as well as in the central administration, in view of our \$230,000,000 campaign. Deans and executive officers must still take 15% cuts in the budget and must trade-off publications expenses with other items in their general expense accounts.

There has been a good deal of discussion on reorganizing those University offices that have as a paramount activity publications of one form or another.

I disagree with your recommendation on the Chronicle and Cornell Reports. I have found the Chronicle to be a particularly useful vehicle for

getting information to the community not only from me but from the faculty, the Senate and the trustees. However, as an enterprise, it has been asked to take a budget reduction like any other activity.

We have not considered any changes in scholarly publications, many which are attached to particular fields and departments. These are either cost effective or deemed worthy of whatever subvention is required. This is consistent with your committee's recommendation.

Public Affairs (#26), Francis E. Mineka

In responding to your summary of recommendations, I would note that your suggestion that further support of the Alumni Office be sought by assessing fees for services on campus such as alumni reunions was initiated at the time of the alumni reunions this past June.

Vice President Ramin has considered your second recommendation regarding the Regional Offices in California and Florida. With the onset of a \$230,000,000 campaign and the fact that the Regional Directors in those two areas are involved with major gift negotiations on behalf of the University, we have decided not to discontinue those offices at this time. To do so would require substantial funding for both staff and travel from Ithaca and the ultimate cost might well be an inability to give sufficient attention to those prospects.

Consolidation of some of our public information publications, media services, etc. was raised in one form or another in at least two other Task Force reports. In the course of the year, some initial discussions were held to seek more efficient cohesion among these groups and some fuller recommendations have emerged. Now that Mr. Herbst has arrived as Senior Vice President, he, together with Mr. Ramin, will evaluate these recommendations with an effort to devise not only a more economical organization but a more efficient one that includes both the endowed and the statutory units.

There has been a growing interest in the variety of continuing education programs. The activities at Cornell, particularly during the Summer Session, have broadened dramatically beyond the traditional summer school. I have been impressed with the growing number and content of special programs sponsored by the Summer Session Office and when taken with the Alumni University, reveals a good deal of imagination and activity. We are not ready at this point to establish a major organizational division on continuing education but I suspect we will be moving toward it sooner rather than later. When that happens, alumni education programs will certainly be included. Our growing interest in continuing education includes activities throughout the academic year, not solely those that are scheduled during the summer.

Finally, I agree that the Academic Funding Office continues to play an important role in maintaining support for research at Cornell and nothing would be gained, as you indicated, in seeking a budget reduction in that office.

Volunteers Needed

by Mary McGinnis

With two weeks until Thanksgiving and a month between Thanksgiving and Christmas, this is a busy time for everyone. Students face term papers, final exams and making Christmas arrangements.

However, the needs of the human service agencies do not stop when we get busy. Requests for help continue to come in to the CIVITAS office. Some requests are quite short-run and involve a limited time commitment. Other calls for assistance come from on-going programs, but the jobs to be done can be designed as long or short-term to suit individual schedules.

If students find themselves totally unable to help this semester because of work assignments, they shouldn't dismiss all ideas of volunteering. Now is the time to plan classes for the spring semester so that a block of time remains for work in the community. Some programs are interested now in accepting names of potential volunteers for February. With lead time the CIVITAS office can do a better job of finding good placements for students. The list that follows gives some idea of needs for volunteers in Ithaca. If nothing appears attractive, drop into the CIVITAS office, and we can describe many other possibilities.

CURRENT VOLUNTEER NEEDS

SWIM SUPERVISOR needed for youth program Tuesday evenings, 7-9 at Teagle Pool for fifteen children, ages 6-14 years. Women especially needed. WSI or Senior Lifesaving desirable but not essential.

DRIVERS FOR PRESCHOOLERS needed. If you drive through downtown Ithaca mornings, 7:30-9 or late afternoons, 4-6, you can help recently organized child care center. Kindly drivers needed to pick up preschool children, Monday through Friday, from home to the center every morning, and on the return trip every afternoon. Children live in Sharwill Garden Apts. and Hancock St. Housing Project. Distances involved are easy with a car, but too far for a small child to walk in the cold Ithaca winter.

KINDERGARTEN CHILD IN DOWNTOWN ELEMENTARY SCHOOL needs a friend to play quiet reading-readiness games with her for one hour 2-3 times a week. Times and days can be arranged to suit the volunteer.

BUILDING CRAFTS, HOME MAINTENANCE AND REPAIR SKILLS needed for a community program providing minor repairs and home maintenance for elderly and low income families urgently needs your assistance. Times and days at the volunteer's convenience.

To respond, please call CIVITAS, 256-7513, Monday through Friday, from 10 a.m. to 2 p.m., or drop by Room 125, Anabel Taylor Hall, or call the Voluntary Action Center, 272-9411, Monday through Saturday, 9 a.m. to 1 p.m.

Senate Special Meeting

Continued from Page 3

ent bodies. b. Prescribe certain minimum responsibilities, procedures, reporting requirements for all other component bodies. c. Under special circumstances review and override or affirm actions of any committee or board exclusive of judicial boards in the self-governing structure.

4. The Senate or its successor must have decision-making power subject to Board of Trustees approval and state legislative requirements in the following areas:

a. It shall have sole power in regard to the campus-wide judicial system and codes. b. It must have joint power with the FCR in regard to the academic calendar.

5. The Campus Affairs Committee must have the power to give final approval to the budget for the Division of Campus Life, subject to the review procedures outlined in 3.c. above.

6. The campus life committees must have the power to give approval to the budgets and final approval to the policies of the campus life departments in their jurisdiction, subject to review (as outlined in 3.c. above).

7. The self-governing body (including all its component bodies) must have the power to investigate, to require and receive responses to specific inquiries and periodic or requested reports, from the administration, in any area under its jurisdiction. This shall include report on the implementation of its decisions and recommendations by the administration.

8. The Senate or its successor must have the power to elect outside trustee(s).

9. All Senate actions, policies, and guidelines must remain in effect until amended or deleted by the Senate or its successor body.

10. All community (faculty, student, employee) and outside trustees shall be ex-officio, non-voting, members of the Senate or its successor body.

In the second resolution the Senate made the following recommendations to the Board of Trustees:

Five faculty members, one elected by the student body and four elected by the faculty on the Ithaca campus, for a staggered five-year term.

Four students, elected by the student body, for a staggered two year term.

Two employees, elected by the employees, for a staggered three-year term.

Three outside trustees, elected by the Assembly, for a staggered four-year term.

In the event of an over-all reduction in the size of the Board of Trustees, that the number of the above community and outside trustees be kept in at least the same proportion to the other members of the Board.

That at least one faculty-elected trustee, one student-elected trustee, one employee trustee and/or one outside trustee, elected by the Senate or its successor body, be invited to serve on the Executive Committee of the Board of Trustees.



Rene Hack, a member of the women's gymnastics team, does a Stag Handstand by Beebe Lake.

Women's Gymnastics Exhibition

The Cornell women's gymnastics team will put on an exhibition at 7 p.m. on Nov. 16 at Helen Newman Hall. There will be a \$1 admission charge.

The addition of three outstanding freshmen make the team Cornell's best ever.

The newcomers are Renee Hack (Denver, Colo.), the top female high school performer in the nation on the balance beam for the past two years, Marcia Geller (Owego, N.Y.), and Kathleen Cote (Somerset, Mass.). All three have competed in international level meets. They join last year's outstanding performer, Ithacan Cathy Danielski.

The team will open its regular season with the Cornell Invitational on Dec. 4. That meet will include last year's state champion, Canisius, besides teams from Brockport, Cortland State, and Ithaca College, who were all in the top five in the state last year.

First Basketball Game Is With Egyptian Team

The almost all-new edition of the 1976-77 Cornell basketball team will get its first taste of action on Nov. 19 when the Big Red plays host to the Egyptian National Team at 8 p.m. in Barton Hall.

Admission will be \$2 for adults, \$1 for students with identifications, 50 cents for children under 14. Season ticket books will not be

accepted for this exhibition game.

The Egyptian team is a veteran group, comprised entirely of members of the squad that competed in the Montreal Olympics last summer. They are scheduled to play at Niagara on Nov. 16 and at St. Bonaventure on Nov. 18. Their tour of the United States has been arranged by People-to-People Sports Committee, Inc.

Women Have New Coach

The Cornell women's basketball team has a new coach, Donna Turnbaugh, 24, of Ocean City, Md., a 1974 graduate of Salisbury State College.

Turnbaugh, who got her M.S. in physical education from Madison College earlier this year, coached the Madison women's junior varsity last year. The Madison varsity was ranked 18th in the nation.

She succeeds Barbara Koch, who continues to coach tennis.

Season Hockey Tickets Are Still Available

Cornell season hockey tickets are still available, despite one of the all-time high advance sales in Big Red history.

Approximately 1,000 season tickets in virtually all locations will be on sale through Nov. 19, according to Dottie Scott, ticket manager.

More than 1,400 tickets were sold to Cornell students during the first week of the sale, an increase of some 100 tickets over 1975. Approximately 500 tickets were purchased by employees and some 300 went to the general public.

"All of our sales are up over last year and it is the biggest advance sale we've had in five years," Scott said.

All remaining season tickets will be sold on a first come, first serve basis. Prices for All-Sports Ticket (CUAA) Book holders are \$15 for students and \$21 for non-students.

Season tickets will be sold to non-CUAA Book holders also for the first time. The price for non-book holders is \$45.

A limit of two season tickets per purchaser will be maintained, regardless of the price range.

Virtually all of Lynah Rink is being sold on a season ticket basis in order to increase the number and quality of seats available to faithful customers. Also, ticket buyers are able to select their own seats, rather than get them in a random draw, for the first time in several years.

Hockey Boosters Are Sponsoring Scrimmage

The Cornell Hockey Boosters, as a part of their continuing promotion of Cornell hockey, will sponsor this year's scrimmage game between the Big Red varsity and JV teams on Saturday evening Nov. 13, at 7:30 p.m. at Lynah Rink. The Big Red varsity will be led by Coach Dick Bertrand as he enters into his 7th year of coaching at the University.

The JV team will be handled this year by Doug Marrett as he enters into his second year of handling the JV team. The Big Red team last year finished with an 18-10-1 record, second place in the Ivy League, and third in the Eastern College Athletic Conference championship tournament.

All tickets are \$1 and they'll be available at the door. Regular season reserved seats and CUAA

tickets will not be honored for this exhibition contest.

Cornell In Soccer Tournament

Cornell has been selected for its sixth straight NCAA soccer tournament and will play at Hartwick on Tuesday, Nov. 16 at 1 p.m.

The Big Red, 8-3-2 in their first season under Coach Jack Writer, drew the fourth seed in the New York State playoffs. They must take on the Warriors, top-seeded and No. 2 in the nation, in Oneonta for the second time in two weeks. Hartwick nipped Cornell, 2-1, on Nov. 3.

Adelphi hosts St. Francis in the other first round game. If Cornell upsets Hartwick, the Big Red would go on the road again to meet the Adelphi-St. Francis winner, probably Nov. 20.



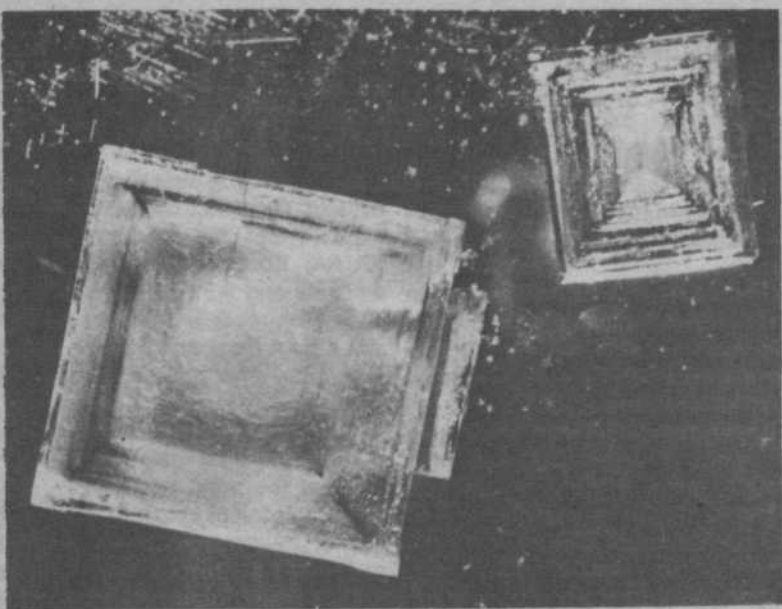
Alternatives

The Anne Carry Durland Memorial Alternatives Library provides material to encourage people to deal creatively with today's rapidly changing thought patterns and life styles. Sponsored by the Centre for Religion, Ethics and Social Policy (CRESP), it is located on the first floor of Anabel Taylor Hall and is open Monday-Friday 9:30 a.m.-4:30 p.m. and Sunday-Thursdays 7:30-10:30 p.m. The collection caretaker is Louise T. Fry.

The library was established in 1974 through the gifts of Mr. Lewis H. Durland and Mrs. Margaret C. Durland in memory of their daughter Anne Carry. The purpose of the collection is to serve as a community resource center of literature dealing with the "alternatives" proposed by current social, political and economic issues.

The library provides a friendly atmosphere in which people can exchange ideas on anything from how to help your peas outgrow your weeds to religious and ethical alternatives in one's lifestyle.

For further information contact ARC in the Uris Library lobby.



Among the unusual properties of the bacterium *Halobacteria halobium* is its ability to survive in a dormant state between the molecules of a salt crystal. In these two crystals of sodium chloride (upper right) as seen by the naked eye, live halobacteria in the larger crystal diffuse light and obscure the sharp crystal faces seen in the smaller crystal, which does not contain many bacteria. These bacteria impart a pink color to the crystal.

Unusual Bacteria Live In Inhospitable Places

A tiny bacterium that uses a newly discovered system to convert light into the energy it needs for survival could provide a link between primitive cells and more evolved forms of life. It could serve as a very useful model for studying the mechanisms by which cell energy is converted into work. And, since it can survive in such inhospitable places as the interior of salt crystals, it could give scientists clues about how life might have evolved in places quite different from earth, according to Russell MacDonald, associate professor of bacteriology at Cornell University.

The bacterium, *Halobacterium halobium*, and its energy conversion system are being studied by MacDonald and Janos Lanyi, a scientist at the National Aeronautics and Space Administration (NASA), Ames Research Center. The work is supported by NASA, the National Institutes of Health and the National Science Foundation.

Halobacteria's ability to survive in a dormant state between the molecules of a salt crystal and to live in solutions containing as much as 25 per cent sodium chloride (table salt) while maintaining an interior sodium concentration of only about five per cent, also makes this organism interesting to scientists.

Weather Warning

Continued from Page 1

going as usual, starting at a time to be announced on the morning of the partial closing. The rest of the University will not be operating.

Also during a partial closing situation, conditions may necessitate a snow emergency on campus. This system would go into effect when there is adequate parking space in A and B parking lots to permit classes and examinations to run as scheduled, but snow conditions on the campus are such that it has been impossible to clear inner campus parking areas. During such conditions, no vehicular traffic will be allowed on campus except emergency and service vehicles and buses.

During a snow emergency any vehicle registered with the University will be allowed to park in the A and B lots. Campus buses marked "A and B Local" will run every 10 minutes. Three areas will be specially designated as drop points so that students, faculty and staff can be dropped off near a campus bus stop. These drop points will be the U parking lot off University Avenue behind Sibley Hall, the E parking lot off Campus Road next to Grumman

Hall and the O parking lot off Judd Falls Road next to Stocking Hall. Radio announcements will be made stating that a snow emergency has been called on the campus and special signs, "Snow Emergency—No Vehicles Allowed on Campus," will be posted, and additional signs with arrows will direct vehicles to the drop points.

3. University is closed—Classes and examinations and other operations are cancelled for the day except those operations essential to life support, health, safety and basic physical plant operations.

Ten radio stations are participating in the alert system this year. These stations, by call letters, city and location on the radio dial are: WHCU, Ithaca 870 Kilohertz (kHz) (AM) or 97.3 megahertz (MHz) (FM); WTKO, Ithaca, 1470 kHz (AM); WVBR, Ithaca, 93.5 MHz (FM); WICB, Ithaca, 91.7 MHz (FM); WKRT, Cortland, 920 kHz (AM) or 99.9 MHz (FM); WMBO, Auburn, 1340 kHz (AM); WENY, Elmira, 1230 kHz (AM); Geneva, 1240 kHz (AM); WEBO, Owego, 1330 kHz (AM) or 101.7 MHz (FM), and WNBK, Binghamton, 1290 kHz (AM).

Two distinguished researchers in applied chemistry have been awarded named professorships in Cornell's School of Chemical Engineering.

Keith E. Gubbins, formerly a professor at the University of Florida, was named the Thomas R. Briggs Professor of Engineering, effective Oct. 24, and Robert P. Merrill, professor at the University of California at Berkeley, was selected for the Herbert Fisk Johnson Professorship of Industrial Chemistry, effective Dec. 1.

Gubbins is a specialist in the application of statistical mechanics to the properties of liquids and liquid mixtures. His research methods combine theoretical work, computer simulation and experiments to develop theories valid for practical application. His research is supported by the National Science Foundation, the American Chemical Society, the American Gas Association and the North Atlantic Treaty Organization.

Merrill, who received the bachelor of chemical engineering degree from Cornell in 1960 and the doctorate from the Massachusetts Institute of Technology (MIT) in 1964, is a specialist in surface chemistry and physics.

At Cornell he will continue a broad program of research centered on the structure and chemistry of solid surfaces and the interaction of these surfaces with gas molecules. An understanding of these interactions has important applications in such processes as catalysis, corrosion and corrosion inhibition, adhesion and the aerodynamics of flight in rarefied atmospheres.

Hans Bethe, Nobel laureate and the John Wendell Anderson Professor of Physics emeritus at Cornell,

Awards, Honors

was one of 15 scientists to receive the National Medal of Science from President Gerald Ford during ceremonies at the White House Oct. 18.

The Medal of Science is the government's highest award for distinguished achievement in science and engineering. Winners of the medal this year were chosen from among 617 nominees.

Bethe was cited in the award "for his explanation of the origin of the sun's heat, his many contributions to our understanding of the atomic nucleus and his counsel in matters involving atomic energy."

Robert F. Smith, director of biomedical communications at the New York State College of Veterinary Medicine, is the first researcher in the United States to be awarded the diploma of the Royal Microscopical Society of Great Britain.

The diploma is a graduate degree at the doctoral level awarded specifically for microscopy. Fewer than 20 persons worldwide hold the diploma. There is one recipient in Canada, and the remaining ones are in the United Kingdom and the European continent.

Smith filmed and edited large portions of the WABC-TV special, "The Unseen World" and was called upon to examine microscopically the first moon rocks returned by the Apollo spacecraft. For many years he visited the Marshall Islands with a medical survey team to monitor the effects of the atomic bomb on the blood of the inhabitants.

Dwight A. Sangrey, professor in the School of Civil and Environmental Engineering at Cornell, has been appointed to a new 12-member advisory committee which is assisting

the New York State Department of Environmental Conservation (DEC) in a massive program to deal with the contamination of the Hudson River by polychlorinated biphenyls (PCBs).

Sangrey is an expert on geotechnical engineering and for the past two years has been studying leaching of pollutants from sanitary landfills in New York to help DEC establish criteria for controlling landfill leachate. Others serving on the committee include a geologist, a medical doctor, a chemist, biologists, engineers and government officials.

The \$7-million cleanup of the Hudson was launched through settlement of a legal action brought by DEC against the General Electric Co. (GE) for its discharge of PCBs into the river.

Boston College has presented two Cornell professors with Presidential Bicentennial Awards. William E. Hogan, the J. duPratt White Professor of Law received his award from Boston College's Bicentennial Awards Committee. Barry Adams, associate professor of English, was given the award by the Boston College School of Education.

J. Donald Monan, S.J., president of Boston College, said the recipients "represent the venerable American Jesuit tradition of personal dedication, excellence and service that is the legacy of today's Boston College. We express our pride in a tradition which is older than our nation by honoring men and women who exemplify that tradition."

Hogan is a member of the Boston College Class of '49 and a 1952 graduate of the Boston College Law School. Adams is a 1957 graduate of Boston College.

Appointments

John W. Reps, professor of city and regional planning, and Herbert Finch, assistant director of University Libraries, have been named by Governor Hugh L. Carey to his newly created 12-member Historical Records Advisory Board.

Reps and Finch were appointed to terms ending April 1, 1979. Carey created the board to serve as an advisory body for the planning of the collection description, and compilation and preservation of historical records throughout the state.

The appointment of Robert J. Young as chairman of the Department of Animal Science at the New York State College of Agriculture and Life Sciences, has been announced by Dean W. Keith Kennedy.

He succeeds J. Thomas Reid, chairman since 1971, who will return to full-time teaching and research in nutritional energetics.

Young has been chairman of the Department of Poultry Science for the past 11 years. He assumed

chairmanship of the oldest and largest department of the college on Nov. 1.

Walter H. Kender, chairman of the Department of Pomology at the New York State College of Agriculture and Life Sciences, has been elected a Fellow of the American Society for Horticultural Science.

Kender, who also serves as head of the Department of Pomology and Viticulture at the N.Y. State Agricultural Experiment Station at Geneva, was among 11 scientists so honored this year by the Society.

New Student and Staff Directories Coming Out

The new staff and student directories will become available soon. The student directory distribution will begin today and the staff directory next week.

This year's distribution, different from that of previous years, will be by bulk deliveries to the mailing or receiving rooms of buildings housing several offices. Packages will be addressed to the individual offices in these buildings, and it will be the responsibility of each office to pick

up its supply.

Buildings which will receive bulk deliveries are Barnes, Barton, Clark, Day, Emerson, Goldwin Smith, Hollister, Langmuir, Lincoln, McGraw, Mann Library, Olin, Olin Library, Plant Science, Roberts, Service, Space Sciences, Statler, Upson, Uris, Warren, White and Willard Straight. Offices in buildings other than those listed above will receive the directories through the Campus Messenger Service.

Dr. Bruce W. Calnek, professor and acting chairman of the Department of Avian and Aquatic Animal Medicine at the New York State College of Veterinary Medicine, was awarded the American Feed Manufacturers Association Award recently at the annual meeting of the American Veterinary Medical Association.

The award, which consists of a plaque and cash award, recognizes Dr. Calnek's contributions to research on diseases affecting poultry production.

Cornell Archaeology: Learning by Digging

Archaeology can be as dry as the dusty old ruins it uncovers or it can make ancient history come alive — and the best way to find out if you "dig it" is to dig.

On this premise Cornell's Interdisciplinary Program in Archaeology has instituted a summer field program to introduce students to field archaeology in far-away places with real research potential.

Students accepted for the program spend three weeks on campus during the early summer learning the fundamentals of archeological field work. Then comes the pay-off—six weeks working at an archaeological site in either the New or Old World in close contact with faculty and graduate student researchers.

Because the sites are of valid archaeological interest, the students begin each day with the hope of making a find that will shed light on

an unknown part of the ancient culture. They also earn 10 college credits by participating in the program.

In alternate years, students work in the New World investigating ancient trade centers in Honduras under the direction of John Henderson, assistant professor of anthropology at Cornell, or in the Old World excavating an ancient Cypriot settlement near Alambra under the direction of John Coleman, associate professor of classics at the University.

Henderson explained that the Valley of Naco offered the perfect opportunity for students to apply their classroom knowledge to almost unknown archaeological sites. The writings of early Spanish explorers made it clear that Naco was an important trade center in the 16th century, but little was known



Rachel Sternberg of Potomac, Md. readies a deposit of pots for transport to workrooms in the village of Alambra, Cyprus. Sternberg was a member of a Cornell University field archaeology program.

about the valley's culture or its trade relations.

The first group of Cornell students visited the Valley of Naco in summer 1975 and discovered that a "small" site called La Sierra, which they had scheduled for a quick survey, was actually enormous. Pottery collected at the site — some of which fills a large room in Ithaca — indicates that the valley, at the edge of the Mayan civilization, also had strong ties with other cultures to the east.

"Our latest estimate is that La Sierra covers at least 250 acres. Naco itself, where we had originally planned to concentrate our efforts, is also large," Henderson said. "We've only touched the tip of the iceberg."

Both the Old and New World archaeology field programs are designed to expose students — who usually have not participated in field work before — to a variety of archaeological techniques. In Hon-

duras, students at first did all the work, including heavy excavation, themselves, in order to get a feel for the techniques. They regularly traded jobs with each other in order to do a little of everything. Later in the season Henderson hired native help, and the students were able to supervise specific parts of the work.

At Alambra, students used the latest research techniques including a froth flotation machine to recover botanical and small animal remains and a proton magnetometer to pick up changes in the earth's magnetic field over time. "Since we hired local people to work with us, the students also learned a bit of Greek," Coleman said.

Students pay regular Cornell tuition for 10-credit hours and living expenses during their three-week training session in Ithaca. Once they begin the six-week field session, all their basic expenses including travel, food and lodging are met through the program.

The program is funded through the bequest of Jacob and Hedwig Hirsch and obtains additional support from Cornell's Office of Summer Sessions, the Colleges of Arts and Sciences; Agriculture and Life Sciences; Architecture, Art and Planning, and Engineering and the Latin American Studies Program.

"The field program is available to serious students regardless of whether or not they plan careers in archaeology. But all the students who worked with me in 1974 and 1976 are now either committed to archaeology or are seriously considering it as a career," Coleman said.

"I didn't plan it that way," he added. "It's just that the field program is a fantastic learning experience, and people tend to get addicted to archaeology. As an incurable addict myself, I know just what it's like."

For more information on the program contact Henderson at 260 McGraw Hall, ext. 6-5137.

Recent Judicial Decisions October 1—31, 1976

No. of Persons	Violation	Summary Decision
1	Forgery of parking permit	WR; \$40 fine or 16 hrs. CS**
2	Emptying of dormitory fire extinguishers	WR; \$100 fine or 40 hrs. CS
4	Taking records belonging to another person	WR
5	Theft of food from Co-op dining	WR
2	Misuse of a Co-op dining card	WR; a combined \$40 fine or 16 hrs. CS
1	Theft of food from Co-op dining	WR; \$20 fine or 8 hrs. CS
3	Theft of a traffic cone	WR; \$25 fine or 10 hrs. CS
1	Theft of food from Co-op dining	WR; \$40 fine or 16 hrs. CS

* Written Reprimand
** Community Service

Bulletin Board

Library Extends Service

Beginning Sunday, Nov. 7, until the end of the fall term, Uris Library is offering additional professional reference service on weekends and evenings. Reference desk hours will be: Monday through Thursday: 10:30 a.m. to 5 p.m., 7 p.m. to 10 p.m.; Friday: 10:30 a.m. to 4 p.m.; Sunday: 1 p.m. to 5 p.m., 7 p.m. to 10 p.m.

Sage Convocation Speaker

Beverly Harrison, associate professor of Christian ethics at Union Theological Seminary and one of the nation's leading speakers for the women's movement in the church, will deliver both the Sage Chapel Convocation sermon and the first of the 1976-77 Thorp lectures Sunday, Nov. 14.

The convocation will begin at 11 a.m. at Sage Chapel. Harrison's lecture, entitled "Women and Theology: The Sound of Silence Breaking," will be held at 8 p.m. in the One World Room of Anabel Taylor Hall.

N.Y. State Checks Available

A small group of New York State award checks is available. Another group is due the week of Nov. 22. Student I.D. is required to receive a check.

Ski Club Offers Package

The Cornell Community Ski Club is offering six nights of skiing including four one-and-a-half-hour lessons at Greek Peak for \$38. There will be an additional charge of \$16.50 for those needing equipment.

Registrations for the program must be submitted by Dec. 3 to Katie Besemer, Department of Agronomy, Box 40, G-06 Bradfield

Hall. Checks must be made out to Greek Peak. Additional details may be obtained by calling 257-2192.

All members of the Cornell community are eligible to join the program. The skiing sessions will start Jan. 3 and take place Monday through Saturday nights from 5 to 10:30 p.m. The ski lessons must be completed by March 11. All lifts at Greek Peak will be available to members of the program.

Energy Groups Workshop

The Community Energy network and the Alternative Energy Group are sponsoring a do-it-yourself Dome Workshop from 10 a.m. to 5 p.m. Saturday and Sunday, Nov. 13 and 14 in the woodshop of Martha Van Rensselaer. A 12-foot diameter dome will be constructed during the workshop. The design utilizes in-

terchangeable triangles which makes it possible for the dome to be taken apart and moved to a new location. The dome takes two people two days to build. The workshop also will include information on rammed earth construction and tipi building. Bring your own lunch. To sign up and for more information contact Ron or Gary at the Community Energy Network, 273-9012 or 256-6486.

Alternate Energy Seminar

Cornell's hydro-electric plant on Fall Creek is the subject of a seminar to be given by James Bell at 7:30 p.m., Monday, Nov. 15,

in the Edwards Room, Anabel Taylor. Bell, an expert in the field of hydro-electric generation, has recently completed a study of the facility and the feasibility of renovating the site for Cornell.

Representatives of New York State Gas & Electric and Cornell Physical Plant Operations have been invited. Slides will be shown. The seminar is open to the public.

Plant Pathology Lecture Set

Ralph Baker, an authority on biological control of soil-borne pathogens, will give a public lecture on "Plant Pathology: Terrestrial and Extraterrestrial" at 8:15 p.m., Nov. 11, in Room 135 Emerson Hall.

Baker, who is professor of botany and plant pathology at Colorado State University, will discuss mathematical modeling of epidemiology for biological control of plant pathogens in soil.

'Medieval Student Life' Topic

A. L. Gabriel, director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection at the University of Notre Dame, will deliver a free, public lecture entitled "A Pictorial History of Medieval Student Life" at 4:30 p.m. Tuesday, Nov. 16, at Kaufmann Auditorium, Goldwin Smith Hall.

Gabriel, born in Pecs, Hungary, in 1907, studied at the University of Paris and received the Ph.D. from the University of Budapest in 1936. He became a professor in the Medieval Institute at the University of Notre Dame in 1948 and served as its director from 1953 until his retirement in 1974.

The lecture is sponsored by the University Lectures Committee.

Humanities Society Lectures

"When is a Panamanian not a Panamanian? The Historical Dilemma of the Canal Zone Blacks" will be the subject of a colloquium sponsored by the Society for the Humanities at 4:15 p.m. Tuesday, Nov. 16. Thomas H. Holloway, assistant professor of Latin American History at Cornell, will be the speaker.

The Society will sponsor a second lecture this week entitled "Et in Arcadia Ego: Observations on a Painting of Poussin" by Louis Marin, professor of French literature at Johns Hopkins University, at 4:30 p.m. Friday, Nov. 19.

Both events will be held at the Andrew D. White House, and both are open to the public without charge.

The Senate Page

(The Senate Page is the official bulletin of the Cornell University Senate. Publication is supervised by Jody D. Katz, secretary of the Senate, 133 Day Hall, 256-3715.)

NEXT MEETING: Tues., Nov. 16, 7:30 p.m., 120 Ives Hall

Current Legislative Log

BILL NO. & DATE SUB.	ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
G-51 10-26-76	Nominates candidates for Senate committees and boards.	Committee on Committees	Committee on Committees
G-52 10-26-76	Amends bylaws concerning administrative responsibilities and committee membership.	T. Fletcher	Executive Committee, Committee on Committees
G-53 10-26-76	Censures administrative breach of Senate authority in parking and traffic by issuance of free bus passes to students.	W. Genter	Executive Committee, Campus Life Comm., Transportation Subcommittee
G-54 11-2-76	Revises legislation to more clearly define the Speaker's powers regarding bill assignment; gives University Review Board power to resolve issues of constitutional interpretation.	J. Cohen, H. Wolfe	Committee on Committees, Codes and Judiciary, Executive Committee
G-55 11-2-76	Gives the University Review Board the power to resolve questions of Senate constitutional interpretation.	J. Cohen, H. Wolfe	Codes and Judiciary, Executive Committee
G-56 11-5-76	Proposes a means by which only those items of sufficient importance must be considered by the entire Senate body.	S. Dyer, T. Fletcher	Executive Committee
G-57 11-5-76	Proposes another means by which only those items of sufficient importance must be considered by the entire Senate body.	I. Kravetzky	Executive Committee

Senate Actions—October 26, 1976

SA NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-436	C.O.C. STAFFING RESOLUTION (7-#5) [Nominates candidates for Senate committees and boards.]	Committee on Committees	ADOPTED AS AMENDED
SA-437	ELECTION OF SENATE CANDIDATES FOR INVESTMENTS ADVISORY COMMITTEE	Executive Committee	ADOPTED
SA-438	SPECIAL RULE FOR SENATE RESPONSE TO REPORT OF CHESTER COMMISSION [Sets Nov. 3 deadline for submission of amendments to Senate response; governs debate on Senate floor.]	Executive Committee	ADOPTED
SA-439	SPECIAL COMMITTEE ON THE HANDICAPPED AT CORNELL [Creates a Special Committee of the Senate.]	Campus Life Committee	ADOPTED
SA-440	CLARIFICATION OF ROOM CHANGE FEE GUIDELINE [Amends the Housing Guideline in SA-364 (Division of Campus Life Budget).]	Housing Subcommittee	ADOPTED
SA-441	RETURABLE BOTTLE PROGRAM INSTITUTED [Maintains the current returnable bottle program.]	Campus Life Committee	ADOPTED AS AMENDED

Uris Pledges \$3 Million

Gifts Contributed to University

Harold D. Uris has pledged a gift of \$3 million to the New York Hospital-Cornell Medical Center's Third Century Program. The money — \$2 million in cash and the rest in property — is to be used "to the benefit of Cornell University Medical College," located in the center.

The Third Century Program is a capital fund drive with a goal of \$260 million to be used to sustain and strengthen all areas of the medical center (NYH-CMC).

A portion of the gift has been designated for a new Harold and Percy Uris Professorship of Reproductive Biology. Specific uses for the remainder are under consideration. Percy Uris is the late brother of Harold, who is president of the Uris 380 Madison Corp., one

of New York's largest construction companies. Both brothers are widely known for their philanthropy, particularly to educational and medical institutions.

Cornell University has been awarded a grant of \$75,000 from the Morgan Guaranty Trust Company of New York Charitable Trust. University President Dale R. Corson has announced.

The grant is unrestricted, which means the funds can be used for whatever purpose University officials determine in support of the University.

"This year marks the first time that Morgan Guaranty has made major commitments to colleges or universities outside of New York

City," said Ellmore C. Patterson, chairman of the board of Morgan Guaranty. "I am especially pleased we can do this at a time when we are paying even more attention to the problems of the city."

"It is made because of the excellence that characterizes Cornell," he said. "It is made also because of the growing importance of such institutions as Cornell in the whole spectrum of higher education in the United States today, and of course because of the Cornell Medical College's special importance to New York City."

Cornell has received three grants of unrestricted funds totalling \$20,000. Chevron Research Co., a division

Calendar

THURSDAY, Nov. 11

Committee on Committees, Open Hearing, 4 p.m., Conference Room, 103 Barnes

Campus Life Committees and Consultants, 5:30 p.m., 498 Uris Hall

FRIDAY, Nov. 12

Executive Committee, 3:30 p.m., Senate Office

Campus Life Committee, 4:30 p.m., Senate Office

TUESDAY, Nov. 16

Senate Meeting, 7:30 p.m., 120 Ives Hall

WEDNESDAY, Nov. 17

Community Presidential Search Committee, 12:30 p.m., Senate Office

Admissions and Financial Aids, 4:30 p.m., Conference Room, WSH

Tentative Agenda

November 16, 1976

120 Ives Hall

7:30 p.m.

1. Question Time
2. Minutes
3. Announcements
4. Agenda

5. Appointment of Judicial Search Committees (10, 2)
6. Presentation of Budgets for the Division of Campus Life (20)
7. LEGISLATIVE FILTER BILL (60, 3) — To be distributed at meeting.
8. Adjournment

Extension of Senate Term Being Asked For

By Jody Katz

On March 18, the Cornell Board of Trustees will decide whether Cornell shall have a self-governing body in the future and, if so, what the nature of that body shall be. On March 1, the term of the current Senate comes to an end. Thus, there is a gap between the time when our present self-government ends its current term, and the time when the trustees can make a decision and have it carried out.

In order to fill that gap, the Senate has proposed that the term of the current Senate be extended for not more than 60 days. This proposal requires a change in the Senate's constitution, which must be approved by the faculty, employees, students and trustees.

If the Senate's constitution is not amended, the only alternative is to hold elections in February for the

next Senate term. Since trustee action in March might cut short the term of the newly-elected senators, it did not seem advisable to spend the money and effort to hold this election.

Students and employees will vote on the constitutional amendment in a referendum ballot being mailed out next week. All ballots must be returned by noon, Monday, Nov. 22, and may be sent by campus mail (Faculty will vote separately through the FCR.)

Voters are *not* being asked whether they want the Senate to be continued, discontinued or replaced by some other body. That is a separate question, and their opinions on it will be asked at another time. But until that question can be decided by the Board of Trustees and its decision carried out, voters are being asked to allow the Senate to extend its current term.

Support Services

Continued from Page 3

The charge to each group also includes an inventory assessment (including budget allocations and personnel) of current services, a review of data and conclusions of

previous reports, and an examination of the needs and resources of each college and University office in relation to student support services in the future. A major theme to be discussed is the role of each college or University office in the support services network.

Questions and suggestions concerning this effort may be addressed to the staff assistant, Nancy Arnott, 313 Day Hall.

Current memberships of the three committees are as follows: Educational Resources: MacDougall, chairman; Donald Bargett, staff; Marjorie Devine, faculty; Neal Geller, faculty; Robert McGinnis, faculty; Caroline Nisbet, staff; John Oswald, student; Charles Russell, faculty; Carry Sklar, student.

Careers: White, chairman; Florence Berger, staff; William Gauger, faculty; Keith Goffney, student; Sylvia Miller, staff; Dal Rosenthal, student; Arthur Smith, faculty; Daniel Tapper, faculty.

Personal Development: Cook, chairman; David Danelski, faculty; Ruth Darling, staff; Clifford Earl, faculty; James Gaylor, faculty; Sophie Newhart, staff; Jan Rock, student; John Tasker, faculty.

Adele Wells, Cornell's director of corporate relations, explained that the five-year goal for corporate gifts to the Campaign is \$20 million, a doubling of past support.

"Corporate support at Cornell has been a valued and highly appreciated source of unrestricted funds. The lack of constraints by corporations on their gifts to the University has enabled this money to benefit many hard-pressed areas, particularly faculty salaries."

Special Seminars

Agriculture and Life Sciences
FOOD SCIENCE: "Why the Need for Regulation," Rosemary Pooler, NY Consumer Protection Board, 4:30 p.m., Thursday, Nov. 11, Stocking 204.
INTERNATIONAL AGRICULTURE 600: "FAO's Frontier," Ronald Kimmel, FAO, 4 p.m., Wednesday, Nov. 17, Emerson 135.
JUGATAE: "Survey of Pesticide Residues and Their Metabolites in Humans," Frederick W. Kutz, EPA, 4 p.m., Monday, Nov. 15, Comstock 145.
NATURAL RESOURCES: "Attitude of the American Native towards the Environment," Richard Metcalf, 4 p.m., Thursday, Nov. 11, Fernow 304.
NUTRITION: "Expanded Role of the Nutritionist in Health Care," Lyn Howard, 4:30 p.m., Monday, Nov. 15, Morrison 348.
PLANT BREEDING: "Differential Tolerance to Aluminum in Maize: Genetic Aspects," D. Rhue, 12:20 p.m., Tuesday, Nov. 16, Emerson 135.
POULTRY BIOLOGY: "May (Y)our Future Be Fishy," Joe M. Regenstein, 4:15 p.m., Thursday, Nov. 11, Ric 300.
VEGETABLE CROPS: "Nutritional Quality of Amaranthus and the Importance of Being Variable," James Deutsch, 4:30 p.m., Thursday, Nov. 11, Plant Science 404.

Arts and Sciences
ASTRONOMY AND SPACE SCIENCES: "The Power Source and Radiation Properties of Quasars," Jack G. Hills, University of Illinois, 4:30 p.m., Thursday, Nov. 11, Space Sciences 105.
BIOPHYSICS: "Studies on Models for the Active Site of Heme Proteins," C.K. Chang, Michigan State U., 4:30 p.m., Wednesday, Nov. 17, Clark 700.
CHEMISTRY: "Recent Studies of Small Boron Hydrides and their Metallo Derivatives," Sheldon Shore, Ohio State U., 4:30 p.m., Wednesday, Nov. 17, Baker Laboratory 119.
ORGANIC-INORGANIC CHEMISTRY: "Intramolecular Dipolar Cycloaddition/Reactions of Nitrile Ylides," Albert Padwa, SUNY, Buffalo, 8:15 p.m., Monday, Nov. 15, Baker Laboratory 119.
PHYSICS: "Proton-Proton Total Cross Sections and Elastic Scattering at the CERN Intersecting Storage Ring Energies," G. Ocioni, CERN, 4:30 p.m., Monday, Nov. 15, Clark 700.
Biological Sciences
BIOCHEMISTRY: "Regulation of Phage Capsid Assembly," J. King, MIT, 4:30 p.m., Friday, Nov. 12, Stocking 204.
BIOCHEMISTRY: "Kinetics of Quaternary Structural Changes

in Hemoglobin Studies by Laser Flash Photolysis," Charles A. Sawicki, 12:20 p.m., Monday, Nov. 15, Wing Hall Library.
ECOLOGY AND SYSTEMATICS: "Dynamics of Early Succession in Tropical Wet Forests," Gordon Orians, University of Washington, Seattle, 4:30 p.m., Monday, Nov. 15, Langmuir Penthouse.
ECOLOGY AND SYSTEMATICS: "Recent Advances in Island Biogeographic Theory," Michael Gilpin, University of California, San Diego, 4:30 p.m., Wednesday, Nov. 17, Langmuir Penthouse.
NEUROBIOLOGY AND BEHAVIOR: "To Grab or Not to Grab: Dilemmas of Blackbirds and Other Organisms," Gordon Orians, University of Washington, Seattle, 12:30 p.m., Tuesday, Nov. 16, Langmuir Penthouse.

Centers and Programs
APPLIED MATHEMATICS: "Solitons in Shear Flows," L.

Redekopp, 4:30 p.m., Friday, Nov. 12, Olin Hall 165.

Engineering
ELECTRICAL ENGINEERING: "Microprocessors in the Laboratory and in the Field," W.R. Hemsath, 4:30 p.m., Tuesday, Nov. 16, Phillips 219.
GEOLOGICAL SCIENCES: Dr. Tokuji Utsu has had to cancel his trip to the United States. There will be no seminar at 11:15 a.m. Friday, Nov. 12 as originally scheduled.
MATERIALS SCIENCE AND ENGINEERING: "Creep-Fatigue," J. Gittus, U.K. Atomic Energy Administration, 4:30 p.m., Thursday, Nov. 11, Bard 140.
MECHANICAL AND AEROSPACE ENGINEERING: "Rocks, Plows and Computer-Aided Machinery Design—An Application from the Farm Equipment Industry," Jack C. Wiley, Deer & Co. Technical Center, 4:30 p.m., Tuesday, Nov. 16, Grumman 282.

Career Center Calendar

Nov. 11 — "Interviewing and Job Hunting," 7 p.m., Bradfield 105.
 Nov. 11 — Graduate Study Financial Aid Workshop, 10:15 a.m., Career Center.
 Nov. 11 — George Ridenour, director of Admissions and Student Affairs at the School of Business and Public Administration, will talk with interested students about business schools and their admissions policies. 4 p.m., Malott 224.
 Nov. 11 — Resume Critique, 3 p.m., Career Center. Sign up in advance. These sessions are for those who have prepared a typed draft of a resume.
 Nov. 11 — A representative from the Fletcher School of Diplomacy of Tufts University will be at the Career Center from 10 a.m. on.
 Nov. 11 — A representative from St. Louis Law school will be at the Career Center from 2-4 p.m.
 Nov. 15 — Seminar with Dave Cullings on United Nations and International Internships, 7:30 p.m., Career Center.
 Nov. 16 — Resume Critique, 10:15 a.m., Career Center. Sign up in advance.
 Nov. 17 — A representative from Citibank will be interviewing at the Career Center, and is interested in students from any major who will be graduating in December.

Nov. 17 — Seminar with Dave Cullings on state and municipal level internships, 7:30 p.m., Career Center.
 Nov. 18 — Resume Critique, 3 p.m., Career Center. Sign up in advance.
 Nov. 18 — George Ridenour will hold an information meeting with students interested in an MBA program. 4 p.m., Malott 224.

Sage Notes

All theses submitted this fall should be dated with the conferral date, January 1977. The deadline date for completion of degree requirements for January conferral is Jan. 7, 1977.
 Applications for National Science Foundation Graduate Fellowships are available in the Fellowship Office of Sage Graduate Center. Eligible undergraduate seniors or first-year graduate students should consider this form of support. The deadline for submission is Dec. 1.
 Graduate students are again urged to investigate outside funding for next year. Look for ideas in the Fellowship Book at the office of your appropriate Graduate Faculty Representative or check the files of the Career Center.

Calendar

Continued from Page 16

erman Film of 1974 Award). Free. New German Cinema Series. Uris Auditorium.

Thursday, November 18

11:15 a.m. Debye Lecture: "Molecular Motions in Liquids," Robert Zwanzig, Institute for Physical Science and Technology, University of Maryland. Baker Laboratory 200.
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.
 4 p.m. Open reading — Prose and Poetry. Temple of Zeus, Goldwin Smith.
 4:30 p.m. Microbiology Seminar: "Ecology of Denitrification," James Tiedje, Michigan State University. Coffee at 4:15 p.m. Stocking 124.
 6 p.m. The Christian Science Organization invites students, faculty, staff and visitors to campus to a Readings and Testimony Meeting in the Founders Room, Anabel Taylor.
 7:30 p.m. Israeli Folk Dancing. Straight North Room.
 8 p.m. Japanese Samurai Free Film Series: "Sanjuro." Sponsored by China-Japan Program. Uris Auditorium.
 8 p.m. Thursdays Coffeehouse with live entertainment. Sponsored by Willard Straight Hall Board. Straight Memorial Room.
 8:15 p.m. *Faculty Committee on Music Concert. Henryk Szeryng, violinist. Works by Bach, Debussy, Mozart, Ravel, and Szymanowski. Bailey Hall.
 8:15 p.m. *Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.
 9 p.m. Noyes Center Free Film Series: "Guns of Navarone." Sponsored by Noyes Center Board. Third floor lounge, Noyes Center.

Friday, November 19

11:15 a.m. Plant Physiology: "Some Speculations on the Resistance of Potato to Phytophthora," J. Friend, University of Hull, England. Plant Science 404.
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.
 12:15 p.m. Women's Studies Friday Seminar: "Where Science Stops: Governmental Regulation of the Birth Control Pill in the 1960's," Andrea Van Houweling. Child care provided. Bring a bag lunch; coffee available. ILR Conference Center 105.
 1:15 p.m. SALAT-AL-JUMA (Friday Prayer for Muslims). Edwards Room, Anabel Taylor.
 3-7 p.m. Happy Hour. Thirsty Bear Tavern, North Campus.
 4-6 p.m. Happy Hour. The Pub, Noyes Center.
 4:15 p.m. Coalition for the Right to Eat meeting to discuss issues of world hunger and campus activities to raise awareness. Forum, Anabel Taylor.
 4:30 p.m. Sabbath Services (Orthodox). Young Israel House.
 4:30 p.m. Society for the Humanities: "Et in Arcadia Ego: Observations on a Painting of Poussin," Louis Marin, Johns

Hopkins University. A.D. White House.
 6 p.m. Sabbath Services (Conservative). Founders Room, Anabel Taylor.
 7 p.m. Pentangle II Free Film Series: "Medea" (Pasolini, Italy).
 8 p.m. The Classics Department presents "Tradition and Theme in Tacitus' Annals," Judith R. Hinsburg, Classics. Telluride Association, 217 West Avenue.
 1969): short: "On The Edge", (Harrington, US, 1949). Uris Auditorium.
 7 & 9:30 p.m. *Cornell Cinema presents "One Flew Over The Cuckoo's Nest." Limited. Statler Auditorium.
 7:30 p.m. CUSLAR Free Film Series: "Memories of Underdevelopment." Ives 120.
 8 p.m. *Egyptian National Basketball Team Exhibition. Barton.
 8 p.m. "Evening with William Shatner," with film clips of Star Trek. Sponsored by University Unions Program Board. Bailey Hall.
 8:15 p.m. Ithaca Opera presents "Apothecary," an opera by Franz Joseph Haydn, Leonard Lehrman conducting. Barnes Hall.
 8:15 p.m. *Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.
 8:15 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.
 9:15 p.m. *Cornell Cinema presents: "Camelot." Musicals Series. Limited. Uris Auditorium.
 12 midnight. *Cornell Cinema presents "Groove Tube." Late Nite Series. Uris Auditorium.

Saturday, November 20

9:30 a.m. Sabbath Services (Orthodox). Edwards Room, Anabel Taylor.
 2 p.m. *Cornell Gymnastics-Dartmouth. Barton Hall.
 2:30 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.
 5-7:30 p.m. Steaks Ltd. in the Student Cafeteria at Statler Inn.
 5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.
 6 & 9:15 p.m. *Cornell Cinema presents "Camelot." Musicals Series. Limited. Uris Auditorium.
 7 & 9:30 p.m. *Cornell Cinema presents "One Flew Over The Cuckoo's Nest." Limited. Statler Auditorium.
 7:30 p.m. *Cornell Varsity Hockey-York. Lynah Rink.
 8 p.m. Sephardic Night. Israeli Cafe, exotic food, entertainment. One World Room, Anabel Taylor.
 8:15 p.m. *Cornell Polo-Hudson Valley. Oxley Polo Arena.
 8:15 p.m. *Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.
 8:15 p.m. Ithaca Opera presents "Apothecary," an opera by Franz Joseph Haydn, Leonard Lehrman conducting. Barnes Hall.
 8:15 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.
 10 p.m. Catholic Mass. All welcome. Anabel Taylor Chapel.

12 midnight. *Cornell Cinema presents "Groove Tube." Late Nite Series. Uris Auditorium.

Sunday, November 21

9 a.m.-1:30 p.m. *Sunday Brunch in the Rathskeller at Statler Inn. Classical International Cuisine.
 9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.
 9:30 a.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.
 10 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Forum, Anabel Taylor.
 11 a.m. Sage Chapel Convocation. Stephen J. Kelleher, Msgr., Church of the Sacred Heart, New York City. Catholic Mass follows Sage Chapel Convocation in Sage Chapel.
 12:30 & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.
 2 p.m. *Cornell Cinema presents "My Side Of The Mountain." Limited. Children's Film Classics Series. Co-sponsored by Ithaca Youth Bureau. Uris Auditorium.
 7 p.m. Cornell Table Tennis Club. Round robin singles. All welcome. Barton Hall.
 7 p.m. Cornell International Folkdancers. 7-8 p.m. advanced teaching; 8-11 p.m. requests. Everyone welcome. Straight North Room.
 8 p.m. *Cornell Cinema presents "The Other Francisco." Liberation Cinema Series. Uris Auditorium.
 8:15 p.m. Cornell Chorus, Thomas A. Sokol conducting. Works of Faure and Stravinsky. Sage Chapel.

EXHIBITS

Herbert F. Johnson Museum of Art: Sol LeWitt: Drawings: through Nov. 14; The Complete Etchings of Samuel Palmer: through Dec. 23; Art Insights Program: through Nov. 20; Jacques Callot's Prints: through Dec. 23; Richards Ruben: Recent Paintings: through Dec. 23.
Olin Library: "American Presidents: Elections and Autographs" through Nov. 15.
Cornell Club of New York Gallery, 155 E. 50th St. N.Y.C.: Lois Shapiro and France Lieber are presenting an exhibition of Major paintings, hand signed etchings, lithographs and serigraphs. Free admission. Daily 10 a.m. to 8 p.m. Nov. 21-Jan. 1, 1977.

ANNOUNCEMENTS

Intramural Swimming (Team Championship). Men and Women. Deadline on entries is at 4 p.m., Friday, Nov. 12 in the Intramural Office, Grumman Squash Courts Building. Each team will be limited to 2 contestants in each event, with each contestant being allowed to compete in only 2 events besides the relay. (Trial Heats: Nov. 17 at 5 p.m. in Teagle Hall. Finals: Nov. 18 at 5 p.m. Teagle Hall Pool.

Calendar

November 11-21

*Admission charged.

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

All items for the Cornell Chronicle Calendar must be submitted by mail or in person to Fran Apgar, the Office of Central Reservations, 32 Willard Straight Hall at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.

Thursday, November 11

12:10 p.m. International Economic (Dis)Order Bag Lunch Seminar. Richard Lissack of the Economics Department of Queens College, will make a presentation on investments, multi-lateral lending organizations and debts. Sponsored by the Centre for Religion, Ethics and Social Policy and the Center for International Studies. Coffee and cookies available. Uris Hall 202.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

4 p.m. Open reading — Prose and Poetry. Temple of Zeus. Goldwin Smith.

6 p.m. The Christian Science Organization invites students, faculty, staff and visitors to campus to a Readings and Testimony meeting in the Founders room, Anabel Taylor.

7:30 p.m. Israeli Folk Dancing. One World Room, Anabel Taylor.

8 p.m. Thursdays Coffeehouse. Live entertainment. Sponsored by Willard Straight Hall Board. Straight Memorial Room.

8 p.m. Cornell Folk Song Club Sing. Free. Uris Hall G-08.

8 p.m. *Cornell Cinema presents: "The Ox-bow Incident." Attendance limited. Co-sponsored by Cornell Law School. Uris Auditorium.

8:15 p.m. Department of Music Concert: Contemporary Music from Cornell. Works of Karel Husa and student composers. Barnes Hall.

8:15 p.m. *Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.

8:15 p.m. "Plant Pathology: Terrestrial and Extraterrestrial." Ralph Baker, Colorado State University. Sponsored by the Department of Plant Pathology. Emerson 135.

Friday, November 12

12:15 p.m. Women's Studies Friday Seminar: "Women in Traditionally Male Professions." Mary Diederich Ott. Child care provided. Bring a bag lunch; coffee available. ILR Conference Center 105.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

1:15 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Edwards Room, Anabel Taylor.

2:30 p.m. Office of Computer Services Seminar: "TROLL." Uris G-14.

3-7 p.m. Happy Hour. Thirsty Bear Tavern, North Campus Union.

4 p.m. Cornell Literature Forum lecture: "Wordsworth and the Rites of Passage." Leslie Brisman, Yale University. Andrew D. White Center for the Humanities.

4-6 p.m. Happy Hour. The Pub, Noyes Center.

4:15 p.m. Coalition for the Right to Eat meeting to discuss issues of world hunger and campus activities to raise awareness. Forum, Anabel Taylor.

4:30 p.m. Sabbath Services (Orthodox). Young Israel House.

4:30 p.m. University Lecture: "Toward A History Of Medieval Literary Criticism." O.B. Hardison Jr., director. Folger Shakespeare Library. Goldwin Smith 264.

6 p.m. Sabbath Services (Conservative). Founders Room, Anabel Taylor.

7 & 9:30 p.m. *Cornell Cinema presents: "That's Entertainment, Part I." Attendance limited. Musicals Series. Ives 120.

7 p.m. Pentangle II Free Film Series: "Cronaca Di Un Amore" (Antonioni, Italy, 1950); short: "N.U." (Antonioni, Italy, 1948). Uris Auditorium.

8 p.m. Baha'i Club Discussion: "Baha'i Teachings on Economics." Straight Conference Room.

8 p.m. *Seals and Crofts, a popular soft country rock group with broad-based appeal, will be presented by Cornell Concert Commission. Barton Hall.

8 p.m. The Classics Department presents: Aristophanes' "Lysistrata." Temple of Zeus, Goldwin Smith.

8:15 p.m. "The Ithaca Dancemakers" Modern Dance Concert. Reservations, Willard Straight Ticket Office, Alice Statler Auditorium.

8:15 p.m. Department of Music Concert: Contemporary Music from Cornell. Works of Karel Husa and Robert Palmer. Barnes Hall.

8:15 p.m. *Department of Theatre Arts presents "Count

Dracula." Cornell University Theatre performing in Willard Straight Theatre.

8:15 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.

9:15 p.m. *Cornell Cinema presents "The Man Who Skied Down Everest." Documentary on Yuichiro Miura. Uris Auditorium.

10 p.m. *Benefit Disco, sponsored by the Southern African Liberation Committee and North Campus Union Board. First floor lounge, North Campus Union.

11 p.m. *Cornell Cinema presents "Night of the Living Dead." Attendance limited. Late Nite Series. Uris Auditorium.

Saturday, November 13

9:30 a.m. Sabbath Services (Orthodox). Edwards Room, Anabel Taylor.

10 a.m. *Cornell Varsity Soccer-Pennsylvania. Schoellkopf.

12 noon - 5 p.m. Cornell University Table Tennis Championships. Sponsored by University Unions to represent Cornell in the Intercollegiate Regionals. All male and female participants must sign up in a University Union by Nov. 12 to enter.

1:30 p.m. *Cornell Varsity Football-Pennsylvania. Schoellkopf.

5-7:30 p.m. *Steaks Ltd. in the Student Cafeteria at Statler Inn.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

7 & 9:15 p.m. *Cornell Cinema presents "The Man Who Skied Down Everest." Documentary on Yuichiro Miura. Uris Auditorium.

7 & 9:30 p.m. *Cornell Cinema presents "That's Entertainment, Part I." Musicals Series. Limited. Ives 120.

7:30 p.m. *Cornell Varsity Hockey-JV Exhibition Game. Lynah Rink.

8 p.m. Graduate Christian Forum Lecture: "A Third Alternative: Beyond the Old and New Morality." Jane H. Olthuis of the Institute for Christian Studies. Ives 215.

8 p.m. A.A.C. Lecture Film Series #4. Film: "Guilty by Reason of Race." Lecture/presentation by Ruby Y. Schaar, president of N.Y. Chapter, Japanese American Citizen's League. Sponsored by the Asian-American Coalition. The Model Minority Stereotype and the Asian American Identity. Free and open to the public. Goldwin Smith D.

8:15 p.m. *Cornell Polo-Lancaster. Oxley Polo Arena.

8:15 p.m. *Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.

8:15 p.m. Department of Music Concert: Contemporary Music from Cornell. Works of Karel Husa and student composers. Barnes Hall.

8:15 p.m. "The Ithaca Dancemakers" Modern Dance Concert. Reservations, Willard Straight Ticket Office, Statler Auditorium.

8:15 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.

8:30 p.m. The Dating Game, sponsored by North Campus Union Board. First floor lounge, North Campus Union.

9:30 p.m. The Risley Free Film Series will show "Member of the Wedding." Risley Theatre.

10 p.m. Catholic Mass. All welcome. Anabel Taylor Chapel.

11 p.m. *Cornell Cinema presents "Night of the Living Dead." Attendance limited. Late Nite Series. Uris Auditorium.

Sunday, November 14

9 a.m.-1:30 p.m. *Sunday Brunch in the Rathskeller at Statler Inn. Classical International Cuisine.

9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.

9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. Anabel Taylor Auditorium.

10 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Forum, Anabel Taylor.

11 a.m. Sage chapel Convocation. Beverly Harrison, associate professor of Christian Ethics, Union Theological Seminary, New York City.

12:30 & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

2 p.m. *Cornell Cinema presents: "Hugo and Josefin." Limited. Children's Film Series. Co-sponsored by Ithaca Youth Bureau. Uris Auditorium.

4 p.m. Department of Music presents Student Concert. David Ng-Quinn and Sooi-Ben Tan, pianists. Works for two pianos of Brahms, Debussy, Milhaud and Palmer. Barnes Hall.

7 p.m. Cornell Table Tennis Club. Round robin singles. All welcome. Barton Hall.

7 p.m. Cornell International Folkdancers. 7-8 p.m. advanced teaching; 8-11 p.m. requests. Everyone welcome. Straight North Room.

7 p.m. Campus Girl Scout meeting. All interested are welcome. Red Lounge, Hughes Hall (behind Law School).

8 p.m. *Cornell Cinema presents: "Battle of Algiers." Attendance limited. Liberation Cinema Series. Uris Auditorium.

8 p.m. Thorp Lecture: Beverly Harrison of Union Theological Seminary will speak on "Women and Theology: The Sound of Silence Breaking." Sponsored by the Centre for Religion, Ethics and Social Policy. One World Room, Anabel Taylor.

8:15 p.m. *Risley Theatre presents "The Fantasticks." Risley Theatre.

8:15 p.m. Department of Theatre Arts presents "Count Dracula." Cornell University Theatre performing in Willard Straight Theatre.

8:30 p.m. *Cornell Folk Song Club Concert: Gordon Bok, Ann

Muir and Ed Trickett. Statler Auditorium.

9 p.m. Coffeehouse, sponsored by North Campus Union Board. First floor lounge, North Campus Union.

Monday, November 15

9:30 a.m.-3:15 p.m. Tompkins County Red Cross Bloodmobile. Sponsored by Alpha Phi Omega. Straight Memorial Room.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

4 p.m. Evolutionary Botany Seminar: "Color Photography." Howard Lyons, Cornell. Refreshments will be served. Plant Science 404.

4:15 p.m. Lecture: "Use and Abuse of the History of Psychiatry for Literary Studies." Sander L. Gilman, Dept. of German Literature. Goldwin Smith 24.

4:30 p.m. Lecture in Russian by Yuri Mamleyev: "Sergei Eisenstein." Sponsored by the Department of Russian Literature. Uris Hall 202.

4:30 p.m. Department of Music. Student Concert: Telemann Cantata Weiche, Lust, und Frolichkeit, and Brahms Sonata in G Major for violin and piano. Barnes Hall.

4:45 p.m. Office of Marine Biology Film: "Great Barrier Reef." Plant Science 233.

7:30 p.m. Govt. 401/Ag Orien. 401 present a multi-disciplinary course open to all. "Ways to World Community and Auroville-A Model." J. Bruce Long, Asian Studies. One World Room, Anabel Taylor.

7:30 p.m. Alternate Energy Group Seminar. James Bell on the feasibility of renovating the Cornell Hydro-electric site on Fall Creek. The public is invited. Edwards Room, Anabel Taylor.

7:45 p.m. Ornithology Seminar. Public welcome. Lyman K. Stuart Observatory, 159 Sapsucker Woods Road.

8 p.m. "The Secret of the Hieroglyphs: An Introduction to Ancient Egyptian Writing," a slide illustrated lecture by Lanny Bell of the University Museum in Philadelphia. Sponsored by the Archaeological Institute. Kaufmann Auditorium, Goldwin Smith.

9 p.m. *Cornell Cinema presents "The Thin Man." Film Club Members. Uris Auditorium.

Tuesday, November 16

11:15 a.m. Debye Lecture: "Molecular Motions In Liquids." Robert Zwanzig, Institute for Physical Science and Technology, University of Maryland. Baker Laboratory 200.

12 noon. Student Struggle for Soviet Jewry: vigil to help free Soviet Jews from Russia. In front of Willard Straight Hall.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

12:15 p.m. Cornell Women's Caucus. Ives 114.

4:15 p.m. Society for the Humanities: "When is a Panamanian? Not a Panamanian? The Historical Dilemma of Canal Zone Blacks." Thomas Holloway, Latin American History. Andrew D. White House.

4:30 p.m. University Lecture: "A Pictorial History of Medieval Student Life." A.L. Gabriel, professor emeritus and former director of the Mediaeval Institute, University of Notre Dame; now director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection at the University of Notre Dame. Kaufmann Auditorium, Goldwin Smith.

4:30 p.m. Department of Geological Sciences Seminar: "High Temperature Creep in Olivine." Dave Kohlstedt. Coffee at 4 p.m. Thurston 205.

5 p.m. Southeast Asia Film Series. Free and open to the public. Morrill 106-A.

7:30 p.m. Senate Meeting. 120 Ives Hall.

7:30 p.m. Drop-in Sexuality Rap Groups. Open to the entire Cornell Community. Uris Hall 202.

7:30 p.m. Fundamentals of Jewish Thought. Forum, Anabel Taylor.

8 p.m. Graduate Women in Science-open meeting. "Techniques and Significance of Floral Anatomy in Palms." Natalie Uhl. Emerson 135.

8 p.m. *Cornell Cinema presents "La Strada." Early Felling Series. Uris Auditorium.

Wednesday, November 17

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.

4:40 p.m. Debye Lecture: "Molecular Motions in Liquids." Robert Zwanzig, Institute for Physical Science and Technology, University of Maryland. Baker Laboratory 200.

5 p.m. Episcopal Evening Prayer Service. Anabel Taylor Chapel.

7 p.m. *Cornell Cinema presents "Tenderness of the Wolves." New German Cinema Series. Uris Auditorium.

7 p.m. Conversational Hebrew Instruction. 7-8:15 p.m. beginning; 8:15-9 p.m. intermediate; 9-10 p.m. advanced. Anabel Taylor 314.

7 p.m. Chess Club. Straight Art Lounge.

7:30 p.m. Cornell International Folkdancers. 7:30-9 p.m. teaching; 9-11 p.m. requests. Everyone welcome. Straight Memorial Room.

7:30 p.m. Cornell Gay Liberation business/general meeting. Straight 28. Open to the Cornell Community.

7:30 p.m. Bridge Club. Straight North Room.

7:30 p.m. Govt. 401/Ag. Orien. 401 present a multi-disciplinary course open to all. "Ways to World Community and Auroville-A Model." J. Bruce Long, Asian Studies. One World Room, Anabel Taylor.

9 p.m. Cornell Cinema presents "The Lord of Barmbeck." (Be

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