



SNOW Policy

University Has Three Levels of 'Closings'

The University, 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 system is designed to insure the safety of the University's students, faculty and staff. He said that the University is particularly concerned about the safety of its employees who must drive a long distance to work, and 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 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. Essential personnel who have to report early (before the announced opening time) should park in B Lot where bus service will be available to Day Hall.

Normal bus service from A and B Lots will start 30 minutes before the announced opening time.

2. Partial closing—Classes, libraries, examinations, Health Services, Dining, University Unions, Physical Plant, Life Safety and Public Safety will continue as usual. The rest of the University will not be operating. A reopening date and time will be specified, if possible. Normal bus service from both A and B Lots will be maintained.

3. University is closed—Classes and examinations and all other services are cancelled except Health Services, Dining, University Unions, Physical Plant, Life Safety and Public Safety. Some libraries will be open for limited service with a specific announcement to follow. A reopening date and time will be specified, if possible.

When snow conditions on the campus make it impossible to clear inner campus parking areas, a "Snow Emergency" system will be announced. During a "Snow Emergency," no vehicular traffic will be allowed on campus except emergency and service vehicles and buses. Any vehicle registered with the University will be allowed to park in A and

B Lots. Campus buses marked "A and B Local" will run every 10 minutes. Five areas will be specially designated as drop points where employees may be dropped off by car and walk to the nearest bus stop. These drop points will be:

—The U parking lot off University Avenue behind Sibley Hall;

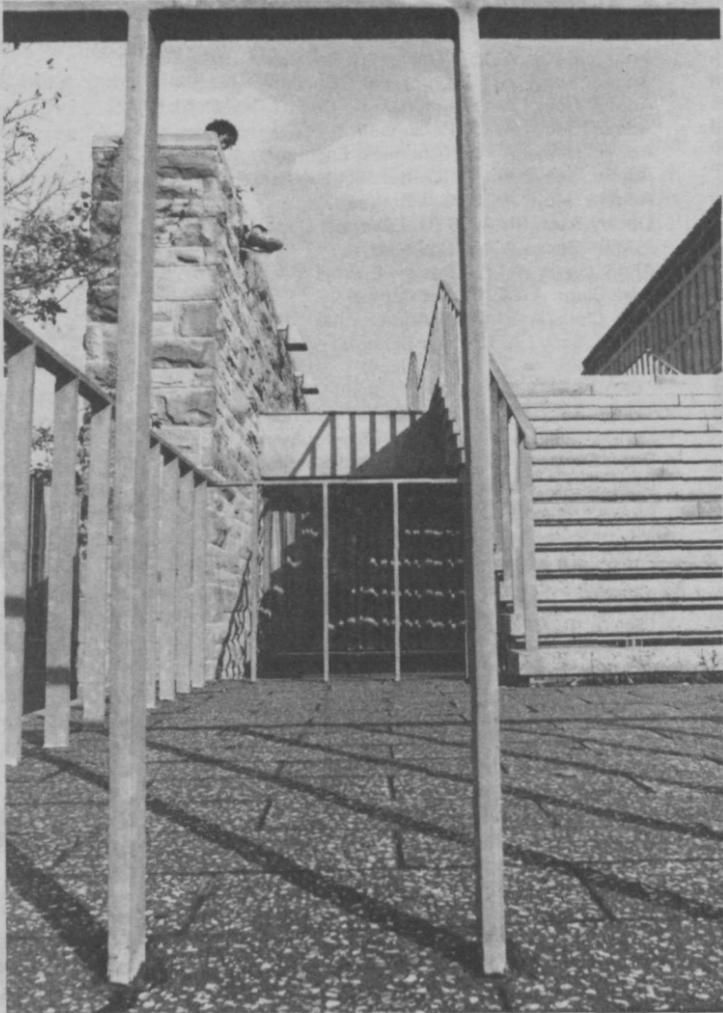
—The E parking lot off Campus Road next to Grumman Hall;

—The O parking lot off Judd Falls Road next to Stocking Hall;

—A Lot;

—B Lot.

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); WGVA, Geneva, 1240 kHz (AM); WEBQ, Owego, 1330 kHz (AM) or 101.7 mHz (FM); and WNBF, Binghamton, 1290 kHz (AM).



ILR Student's Gift 'Repays' University

In this day and age, a gift to a college of less than \$1 million often goes unnoticed. But when an undergraduate student, the son of a retired New York City policeman and a Long Island school teacher, gives \$500 to his university, attention is paid.

Leonard Borkan of Oceanside, N.Y., a senior in the New York State School of Industrial and Labor Relations at Cornell University, recently did just that. Why?

"Cornell has been good to me," Borkan said. "With all the money I've earned because of Cornell, it seemed like a good thing to do."

So Borkan gave \$500 to the book fund of the ILR Library in honor of his recently deceased maternal grandparents, Abraham and Henrietta Brettschneider.

"All the money" Borkan has made has come to him from jobs he's held because of his connection with the ILR School at Cornell. In the summers of 1977 and 1978 he got his jobs in New York City through the ILR Placement Office, working for Philip Morris Inc. last year and ACF Industries, a producer of railroad and industrial supplies, this past summer.

Since the 1977-78 academic year, Borkan has been a teaching assistant in a course in labor-management relations in the School of Hotel Administration at Cornell. This too came about because of his ILR experience.

"Dean (Robert) McKersie and Jim Huttar (director of special programs and school relations) had a lot to do with my jobs. The gift is a 'thank you' to them also," Borkan said.

While \$500 may not seem like

a big gift to many people, Borkan sees it differently. "ILR doesn't see many gifts that size. When I've been on the phone, plugging away for \$5 and \$10 gifts from our alumni, I realized that."

He was on the phone seeking alumni contributions in a "phonathon" conducted each year to raise money for the Cornell Fund, the University's alumni annual giving program. Borkan organized the ILR students in the effort.

Borkan lives at 3417 Fulton Ave., Oceanside, with his father, Burton, a former officer in the Policemen's Benevolent Association; his mother, Rhoda, a teacher in the New York City public school system, and his brother, Howard, a sophomore in the New York State College of Agriculture and Life Sciences at Cornell.

Campus Recycling Saves 2,000 Trees

Nearly 2,000 trees were saved during 1977-78 by Cornell students, faculty and staff who participated in Cornell's Recycling Program, according to Anita Welych.

"But this represents only a fraction of Cornell's recycling potential," Welych said. "Through recycling, the Cornell community has a convenient opportunity to save trees, lower energy consumption and substantially reduce solid waste. For example, studies show that paper makes up over one-half the waste in sanitary landfills.

"So far, cooperation has been excellent. Ithaca Scrap Processors reported that over the month of September more paper was



Parking Suggestions for Snowy Days

With the soon-expected onslaught of winter, William Wendt, director of transportation, has announced several suggestions to ease campus parking problems caused by snow:

—Share a ride with others from your home area to reduce

the number of vehicles needing parking space. Car pooling also reduces commuting expenses and saves energy.

—If B Lot is full, use A Lot. AB permits are honored in both lots, however, A Lot usually has more spaces available.

—Park with care to best utilize the number of spaces available.

Wendt also encourages the use of energy-saving methods of transportation, including snow shoes and cross-country skis, for those living near the campus.

recycled than in previous months. Custodians have been particularly helpful in the recycling effort and their role is key to the success of the program," she said.

Welych urged people to use the special containers for recyclables located in almost all academic and administrative buildings, dormitories and small living units.

Newspaper, white paper (ledger, mimeo, computer paper and cards) and colored paper can be recycled in the same container. Corrugated cardboard can be crushed flat and placed next to the recycling can for pick-up. Glossy paper (magazines, tissues, candy wrappers, paper

bags and cups should not be recycled.

After paper is picked up from campus buildings, Ithaca Scrap Processors sends it to paper mills in several states where it is processed. It reappears as pizza boxes, high quality ledger paper, and sewer pipes—among other things—and is even incorporated into new cars, according to Welych.

The Cornell Recycling Program, now in its sixth year of operation, is coordinated through the Division of Campus Life and Ecology House. For more information on recycling in administrative and academic buildings, call Welych at 256-3352, or call Ecology House at 256-5305 for

information on recycling materials in dormitories.

Publication Schedule

The Chronicle will not be published Thanksgiving Thursday. Items for the calendar for the Nov. 30 Chronicle must be submitted to Fran Apgar, 32 Willard Straight Hall, by Monday, Nov. 20. Seminar notices for the Nov. 30 Chronicle must be at 110 Day Hall by noon Wednesday, Nov. 22. All other copy for the Nov. 30 Chronicle must be at 110 Day Hall no later than noon, Monday, Nov. 27.

Campus Council Sets Hearing On University Judicial System

A public hearing on the University's judicial system has been scheduled for 4:30 p.m. Thursday, Nov. 16, in Room G-08 of Uris Hall by the Campus Council and the Council's Codes and Judicial Committee.

The hearing will deal particularly with seven recommendations in a review (printed below) by the Codes and Judicial Committee of the April 1977 findings of nine-member committee established in late 1976 by Chancellor Dale R. Corson, who at the time was University President. Copies of the final report by the President's Committee to Review the Judicial System are available in the Office of University Relations, 120 Day Hall.

At its regular public meeting today at 4:45 p.m. in Room 701 Clark Hall, the Campus Council will discuss the report from the Codes and Judicial Committee on the President's Committee Report which it refers to as the Bugliari Report.

In other business the council will discuss a recommendation that the Board of Trustees make public a pending report from the Trustee Ad Hoc Committee on Investments in South Africa. The council sponsored a public hearing on the subject Sept. 13. Also on the agenda will be a motion concerning Title IX and its enforcement on campus.

Here is the text of the council review of the judicial system recommendations:

1. The Judicial Administrator should be a lawyer or have some legal training if possible.

Sensitivity to the concepts of justice, due process, procedure, etc. one receives in a legal education would be most desirable in a Judicial Administrator. Legal training is especially crucial to the handling of the major cases. These cases are usually factually complex and legally involved. The Judicial Administrator assumes more of a prosecutor's role than in normal cases, and there is more likely to be a lawyer or someone with a legal background representing or counselling the defendant or defendants.

At the same time a sense of balance of the practical, reasonable and humane is essential in the Judicial Administrator.

Codes and Judicial Recommendations:

The Codes Committee agreed with this recommendation. No legislation is necessary but each time the search committee is constituted it should be made aware of this recommendation.

2. In extraordinary circumstances for particular cases or situations a special prosecutor or supplementary assistance to the Judicial Administrator should be available and should be utilized.

This person could be either a member of the community or outside counsel employed by the University whichever is appropriate in a given case. This person could either provide additional assistance and support to the Judicial Administrator (a special assistant Judicial Administrator) or take complete control and responsibility for the handling of a specific case or cases (a true special prosecutor) as required by the case and other burdens on the office.) The special prosecutor's or special assistant's services in a given case should be called for either by Presidential designation upon prior consultation with the Judicial Administrator, or by authorization by the Judicial Administrator with the approval of the President.

Legislation may be necessary to implement this recommendation. Moreover, in each case the relationship between a special prosecutor and the Judicial Administrator must be considered.

Codes and Judicial Recommendations:

The Committee is in agreement that an administrative policy for special assistance to the Judicial Administrator be established. The Committee further feels that such assistance must be specifically requested by the Judicial Administrator and if granted, be under the direct supervision of the Judicial Administrator. The Judicial Administrator will be required to justify such investigative and/or legal assistance as requested and show that it is pursuant to a case overload generated by a controversial or particularly complicated situation.

The Committee recommends that administrative policy be developed granting the Judicial Administrator access to the President or his designee for direct approval of sufficient temporary funding to hire such legal and/or investigative personnel as is required by the Judicial Administrator's office. Funding shall be based upon demonstration of need and criticality to the Administrator's prompt and proper enforcement of regulations of the University Judicial System.

Legislation has not been proposed due to nature of the Committee's recommendation.

3. Identification of all participants involved in a specific violation should be sought.

University policies with respect to identification should be re-examined in light of the need for the judicial system to

operate effectively. (See Appendix C; Exhibit 9). The Department of Public Safety should be impressed strongly with its responsibility to achieve maximum identification of those involved in mass violations.

Codes and Judicial Recommendations:

The Committee agreed with this recommendation. No other legislation (other than last year's revision of the Photo Policy) is deemed necessary at this time.

4. Witnesses to violations of the Campus Code should be compelled to testify under threat of being themselves in violation of the code.

A perceived inability by the system to compel witnesses to appear and testify has in certain instances seriously jeopardized the bringing of charges under the Code. Compulsory testimony, within recognized constitutional protections and clearly defined campus policies, is a necessity to the proper and orderly operation of the system.

Certain members of the Committee have expressed the opinion that a liberal construction of Article 2, Section 2, Subsection J of the Code which provides that it is a violation "To refuse to comply with any lawful order of a clearly identifiable University official acting in the performance of his duties in the enforcement of University policy" could be utilized by both the Judicial Administrator and the Judicial Advisor to compel attendance and testimony at a hearing. This position has not been tested to our knowledge. The Committee suggests that more definite and precise legislation be enacted in this area.

Codes and Judicial Recommendations:

After considerable debate the Codes Committee concluded that the arguments for a subpoena power did not outweigh the counterarguments based upon the special nature of the University Community. The dangers and problems of such a power in a university community compelled the committee to conclude that such a power was neither needed nor appropriate.

5. The Department of Public Safety's responsibility for conducting investigations must be clarified.

The President or his designated representative should insure that the Department of Public Safety understands its responsibility to the Judicial Administrator in handling investigations. If necessary, guidelines should be established to make certain the Department acts as an effective investigatory arm of the judicial system.

Codes and Judicial Recommendations:

While clarification of the responsibilities of the Department of Public Safety and the Judicial Administrator were necessary, coordination of the responsibilities was accomplished during the course of our investigation and satisfies the committee. No legislation is therefore necessary. (See JA's letter dated 12/23/77).

6. The Committee believes that Board of Trustee Legislation (Article XVIII, Section 8, Subdivision 14) is available for bringing charges against members of the faculty for alleged violations of free speech. (See Appendix D; Exhibit 8).

This legislation is an alternative to the procedures contained in the judicial system (see Code, Article I, Section 4, Subdivision (a); Appendix D; Exhibit 1, page 8). It should be clearly noted that there is only one penalty, loss of faculty status, which can result when this procedure is invoked. There are no lesser penalties available as in the campus judicial process. This consideration must be carefully weighed in determining whether to utilize this procedure.

Accordingly, if another incident arises involving an alleged abridgement of free speech, this legislation could be invoked upon a "complaint from any source." Since such a complaint must be initiated with the faculty member's academic

dean, the Committee recommends that the academic deans be prepared for such an eventuality and consider how they will proceed.

Codes and Judicial Recommendations:

The Committee reaffirms the concept of equal protection and equal liability for all members of the University community under the Campus Code of Conduct. It feels that members of the faculty or staff who are charged with violating the Code can be charged and, if found guilty of said charge, be sentenced in accordance with the Code of Conduct and the Uniform Penalties and Remedies Act of 1971.

Because of other regulations and statutes governing termination of employment for faculty and staff, it is suggested that the Judicial Administrator notify the Dean of Faculty or Director of

Personnel in writing that charges are to be pressed for which a conviction could result in a recommendation to terminate employment. If accepted by the Council, a copy of this policy should be filed with the Dean of Faculty, the University Director of Personnel, and College Deans in order for them to develop appropriate follow-up or coordinating procedures.

Legislation has not been proposed due to nature of the Committee's recommendation.

7. To insure that the system acts expeditiously it should be required that all charges for violation of the Campus Code be brought within one calendar year from the alleged violation.

This Statute of Limitations would both insure as prompt a prosecution as our campus calendar would make feasible and remove overly long threats of prosecution from those involved.

A special tolling* provision would, perhaps, have to be provided where serious criminal charges are pending against an individual also subject to charge under the Code so as not to prejudice the disposal of the criminal charge. Such a tolling provision might also be needed in other special instances.

Codes and Judicial Recommendations:

The Committee agreed with our recommendations. No other legislation (other than that passed last year) is deemed necessary at this time.

Battered Wives Need Legal Help

The thousands of women who are beaten, burned, and battered each day must be considered victims of serious crimes by police and the courts and not just family squabblers, a professor here maintains.

Legislation expected to be introduced this fall in Congress must also provide for health services, emotional and legal counseling, and, possibly, job counseling in local communities, said Harold Feldman, professor of human development and family studies at the State College of Human Ecology.

"Today, many women feel so ashamed and isolated that they don't know where to turn," he said. "In addition, many grew up in homes where their fathers battered their mothers. To correct this kind of parent image, education for parenthood should be a required subject in all schools."

Social attitudes toward spouse abuse is beginning to change, Feldman said, but there must be more choices available to victims, who usually are women. Besides being able to go to the police, the victim should be able to go to a shelter, leave her husband without feeling disloyal, have him leave the home, or be able to seek a court order that prohibits further beating.

Feldman recommends that people concerned about spouse abuse ask their representatives and senators how they will vote.

Job Opportunities

The following are regular continuing full-time positions unless otherwise specified. Please do not inquire at individual departments. An equal opportunity employer. Individuals on lay-off status will be given preference in referrals.

(* indicates new this week.)

CLERICAL POSITIONS

Library Asst. V, A-19 (U. Libraries, Olin)
 Admin. Aide, A-18T (Maint. & Svc. Ops.)
 Sr. Admin. Secy., A-17 (Office of Minority Education)
 Admin. Clerk, A-16 (Sponsored Programs)
 Admin. Secy., A-15T (University Development)
 Admin. Secy., A-15 (Computer Science)
 Admin. Secy., A-15 (Engineering Dean's Office)
 Admin. Secy., A-15 (Personnel)(2)
 Admin. Secy., A-15T (Chemical Engineering)
 Admin. Secy., A-15T (Center Int'l Studies)
 Admin. Secy., A-15 (U. Libraries)
 Library Asst. III, A-15 (U. Libraries, Olin)
 Admin. Secy., A-15 (Chemistry)
 * Prin. Clerk, A-14T (Design & Project Mgmt.)
 Prin. Clerk, A-14 (Career Center)
 Prin. Clerk, A-14 (A&S Admissions)
 * Dept. Secy., A-13 (Law School)
 Dept. Secy., A-13 (Psychology)
 * Dept. Secy., A-13 (Admissions)
 * Dept. Secy., A-13 (Univ. Development)
 Corres. Secy. I, A-13T (Univ. Development)
 Dept. Secy., A-13 (Cornell United Religious Works)
 Dept. Secy., A-13T (Univ. Development)
 * Sr. Clerk, A-12 (Admissions Office)
 Lib. Asst. II, A-12 (U. Libraries, Fine Arts)
 Steno I, A-11 (COSEP, Minority Education Affairs)
 * Admin. Aide, NP-12 (Hum. Dev. & Fam. Studies)
 * Stat. Clerk IV, NP-10 (Physical Biology)
 * Steno III, NP-9 (Veterinary Student Admin.)
 Library Asst. III, NP-8 (Mann Library)
 * Admin. Secy., NP-8 (Ag. Engineering)
 Admin. Secy., NP-8 (NYSSILR)
 Admin. Secy., NP-8 (Nutritional Sciences)
 Stat. Typist, NP-7 (Coop. Ext., Human Ecology)
 * Trans. Clerk I, NP-6 (DCS - Medical Records)
 Steno II, NP-6 (Education)
 Steno II, NP-6 (Hum. Dev. & Fam. Studies)
 Steno II, NP-6 (Div. of Nutritional Sciences)
 Steno II, NP-6 (Agronomy)

SERVICE & MAINTENANCE POSITIONS

Control Mechanic (Maint. & Service Ops., Union)
 Refrigeration Mech. (Maint. & Service Ops., Union)
 Sr. Exp. Mach., A-21 (LASSP)
 Asst. Manager II, A-20 (Graphic Arts Services)
 Experimental Machinist, A-19 (Lab Nuclear Studies)
 * Life Safety Insp. A-18 (Life Safety Svcs. & Ins.)
 Maint. Mech. I, A-16 (University Unions)
 Asst. Boiler Op. Trainee, A-15 (Utilities)
 Cook I, A-15 (Residence Life)
 * Cashier II, A-11 (Campus Store)(2)
 Food Service Worker, A-11 (Dining Services)

TECHNICAL POSITIONS

Sr. Comp. Operator, A-21 (Computer Services)
 Computer Operator II, A-19 (Computer Services)
 Synch. Op. Tech., A-19 (Lab Nuclear Studies)
 Sr. Tech. Aide, A-19 (Computer Services)
 Lab Tech. A-19 (Materials Science Center)
 * Sr. Lab Tech. A-18 (Biochem., Mol. & Cell Biology)
 Computer Operator I, A-17 (Computer Services)
 Res. Technician IV, NP-14 (Design & Environ. Analysis)
 Research Tech. III, NP-12 (Agronomy)
 Lab Tech. NP-11 (Entomology)
 Lab Tech. II, NP-11 (Plant Pathology)
 Research Tech. II, NP-10 (Agronomy)
 Res. Tech. II, NP-10 (Div. of Nutritional Sciences)
 * Greenhouse Worker, NP-8 (Flor. & Orn. Horticulture)
 * Res. Tech. I, NP-8 (Plant Pathology)
 Sr. Arch. Engr. II, CPO7 (Design & Project Mgmt.)
 Sr. Res. Supp. Spec., CPO6 (Elect. Engineering)
 Comp. Tech. Admin. III, CPO6 (Computer Services)
 Sr. Comp. Staff Spec., CPO6 (Computer Services)
 Comp. Tech. Admin. II, CPO5 (Computer Services)
 Life Safety Svc. Mgr., CPO5 (Life Safety Svcs. & Ins.)
 Systems Programmer III, CPO5 (Agric. Economics)
 Res. Supp. Spec. III, CPO5 (Elec. Engineering)
 Elect. Engineer II, CPO5 (Design & Project Mgmt.)
 Applications Programmer II, CPO4 (Computer Graphics)
 Res. Supp. Spec. II, CPO4 (Agric. Engineering)
 Res. Supp. Spec. II, CPO4 (Mat'l Science & Engr.)
 Comp. Tech. Admin. I, CPO4 (Computer Services)
 Applic. Programmer I, CPO3 (Vet Computer Resource)
 Res. Supp. Spec. I, CPO3 (Animal Science)
 Res. Supp. Spec. I, CPO3 (Programmer)(Mat'l Science Ctr.)
 Appl. Programmer I, CPO3 (Computer Services)(3)
 Admin. Spvr., CPO3 (Media Services)
 Asst. Mgr.-Rad. Safety, CPO3 (Life Safety & Rad. Safety)
 Res. Supp. Spec. I, CPO3 (Food Science & Tech., Geneva)
 Ext. Supp. Aide, CPO2 (Plant Pathology)
 Res. Supp. Aide, CPO2 (Div. of Nutritional Sciences)

ADMINISTRATIVE POSITIONS

Promotion Manager (University Press)
 Asst. University Counsel (University Counsel)
 Director of Utilities (Utilities)
 Exec. Staff Asst. IV, CPO8 (V.P., Finance & Planning)
 Exec. Director, CPO8 (Office of Equal Opportunity)
 Develop. Officer II, CPO6 (University Development)(2)
 Admin. Manager II, CPO5 (Utilities)
 Admin. Manager II, CPO5 (Cornell Plantations)
 Dining Manager II, CPO5 (Dining Services)
 Budget Analyst III, CPO5 (Finance & Business)
 Editor II, CPO4 (Media Services)
 Managing Editor, CPO4 (Univ. Relations, 10 mos. year)
 Dining Manager I, CPO4 (Dining Services)
 Reg. Director I, CPO4 (Public Affairs, NYC)
 Admin. Spvr. II, CPO3 (Lab Nuclear Studies)
 Admin. Spvr. II, CPO3 (Computer Services, APS)
 Dining Spvr., CPO2 (Dining Services)(3)
 Dining Spvr., CPO2 (Statler Inn)
 Res. Admin. I, CPO2 (Res. Life & Int'l Student Aff.)

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Princeton Scientist Is Bethe Lecturer

Robert H. Dicke, the Albert Einstein University Professor of Science at Princeton University, will deliver a general interest lecture on the evolution of the universe and two technical talks directed toward members of the scientific community during the week of Nov. 13.

Dicke's public lecture, "Cosmology, Paradoxes and Palliatives," will be presented at 4:30 p.m. Monday, Nov. 13, in Baker Auditorium (200 Baker Laboratory) and will address the observational and conceptual puzzles of how the universe has evolved. Dicke was instrumental in explaining one of these puzzles, the microwave background radiation believed to be the remnant of the "Big Bang" that created the universe.

In his second talk, "Observational Foundation of General Relativity," at 4:30 p.m., Tuesday, Nov. 14, in the Bethe Auditorium (700 Clark Hall), Dicke will address the question of how Einstein's theory of general relativity can be tested and compared with rival theories of gravitation. Dicke is the co-inventor of one such rival theory and also

has perfected some of the experimental tests.

The third lecture, "What in the World Is Going On in Our Sun?," will deal with various puzzles related to the sun. It will be held at 4:30 p.m. Thursday, Nov. 16, in Bethe Auditorium.

One of Dicke's theories made some unorthodox predictions about the rotation of the sun. Dicke also invented very sensitive methods to measure the oblateness of the sun (that is, how much it is flattened at its poles.)

The lectures are the fall segment of the 1978 Bethe Lecture Series. The series was established in 1976 by the University's College of Arts and Sciences in recognition of Hans Bethe, Nobel laureate and the John Wendell Anderson Professor of Physics Emeritus at Cornell.

The purpose of the series is "to bring to Cornell distinguished persons working in the frontiers of physics and related fields so that they may enrich and stimulate the intellectual atmosphere of the University in the manner that Hans Bethe has throughout his career."

'Academic Information' Is New Fact Book

What could be the most comprehensive compilation of University facts and procedures ever put between two covers will be published next week (Nov. 13).

"Academic Information," an 8 1/2-by-11-inch book of 176 pages, contains 24 different sections covering such topics as financial information, orientation, registration, University libraries, extracurricular activities, University requirements for graduation and a roster of Cornell faculty.

The latter is "the first University-wide roster of faculty in a single place," according to Dorothy Pasternack, managing editor of the Office of University Publications, which produced the book.

Some 20,000 copies of "Academic Information" will be distributed to undergraduate students, faculty and advisers through Cornell's seven undergraduate schools and colleges and several main offices on campus, Pasternack said.

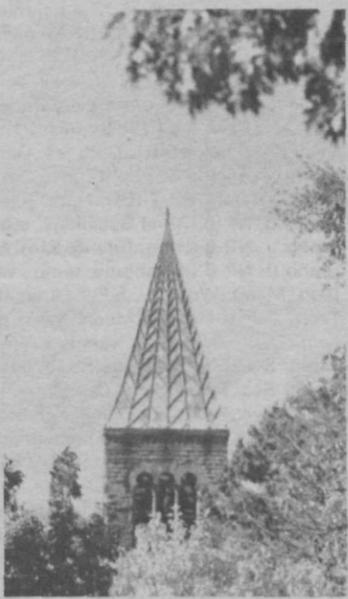
New York State and federal

government regulations have mandated the publication of such student consumer information by colleges and universities.

The section on schools and colleges is the longest in the book, 92 pages. It is primarily academic requirements for majors and programs, as well as special college requirements and policies.

"Academic Information" is a companion volume to "Description of Courses." Pasternack explained. Both books are printed on newsprint, the least expensive paper available for such a job.

Material for "Academic Information" was gathered from some 50 University offices, Pasternack said.



Harvard Sinologists to Be in Colloquia

Two sinologists from Harvard University will present colloquia in the series "Culture Impact: East Meets West" on Wednesday, Nov. 15, and Thursday, Nov. 16, at the Society for the Humanities.

Robin Yates will discuss "Chinese Warfare and the West" at 4:15 p.m. Wednesday in the A.D. White House. Katrina McLeod will conduct a colloquium on "Symbol, Classification and the Constraints of Group: Western Sociological Theory and

Profile

'Leading Is Everything'

Christopher Nevole, 23, said he learned to dance because he lacked self confidence and felt awkward in many social situations. The Cornell community places a high value on dancing ability and he used to "feel dumb" and uneasy not knowing how to dance, he added.

Now, two years after taking his first dance course, Nevole has taken over instruction of the entire Physical Education Ballroom Dance program at Cornell, held in Helen Newman Hall.

Nevole moved to Ithaca from Suffern, N.Y., after his graduation from Cornell's College of Arts and Sciences in 1977. His major was Neurobiology, but he hopes to go into business in the future. Presently, he is employed by Willard Straight Dining and is taking business courses, along with his job as a dance instructor.

Nevole said he brought a different girl to each class when he first took the dance course he now teaches. This forced him to teach each new partner the progressive steps necessary to do the new steps being taught. As a result, he learned the female as well as the male steps to each dance, he learned how to teach many dances, and most importantly, he learned to lead.

"Leading is everything," he claims, "and a guy should be able to dance any dance with any girl, regardless of the girl's dancing skill, just by guiding her body in the proper way."

When he took over instruction of the course, Nevole switched the emphasis to make it a comprehensive, practical course in dancing. "You should be able to dance to any music you'll ever hear once you finish my course," Nevole said. His course includes instruction in the jitterbug, waltz, polka, hustle, disco, tango, foxtrot, and many other dances.

Nevole's course is extremely popular, and he has to turn away dozens of people at registration each semester because the classes fill so quickly.

This semester, his third one teaching, he has three weekly classes, each consisting of the maximum the facilities can hold, about 70 students. The classes are held on Monday, Tuesday, and Wednesday evenings, and last for an hour and a half each.

Why does he devote so much time to a job that pays practically nothing? "Because I enjoy it. And I feel I'm accomplishing something worthwhile because I have a class that can make a big difference in people's lives," he said.

According to Nevole, many people feel very "klutzy" on a dance floor, so he tries to build in them both the skills and the self confidence necessary to make them feel comfortable with other people. "After all, I was once where they are now, and if I can learn (to dance), anyone can," he added.

Does it work? "It's fantastic," replied a former dance student, Lynda Hershey. "I really enjoy teaching guys at parties the dances I've learned, and a lot of dances are so easy to teach once you know the basics. It's a great ice-breaker." Another former student, Jim Hanrahan, said, "I really like to



Chris Nevole and partner, Debbie Symons

dance, and the class has helped me turn my ordinary feet into fancy feet!"

Nevole is very concerned about his students. "I want them to be happy, and I feel great when four or five of them come up to me at the end of the semester and thank me, with beaming smiles on their faces. Knowing how to dance can be such a lift to people who are shy or insecure, and there's not a person I've met who can't dance. All it takes is practice."

Some of his students have even gone on to teach their own dance courses.

Although Nevole does not plan to make dancing his career, he said he hopes to "always be doing some teaching, even if just as a hobby." "Who knows," he added jokingly, "maybe I'll even open a disco when I get my master's degree."

Christin Sparagana
(Editor's note: Sparagana is a junior and student in Communication Arts 315, which is taught by the Chronicle editor.)

East-West Series to Open

"The Fame of the West in the East and the East in the West" is the title of a colloquium to be led by James A. Boon, associate professor of anthropology, at 4 p.m. Friday at the Society for the Humanities in the A.D. White House.

This colloquium will initiate a year-long series of lectures and colloquia sponsored by the society concerning the impact of Asian thought and culture on the West.

The 10-part series is titled "Cultural Impact: East Meets West." Boon will edit all 10

essays in the series when they are subsequently published in book form under the society's imprint.

This series is the first of the society's "focal themes" selected for a full academic year, and marks the beginning of a new and experimental, theme-oriented program over the next five years.

Boon, who joined the Cornell faculty in 1976, is a member of Cornell's Southeast Asia Program and a faculty fellow of the Society for the Humanities for 1978-79. He said his lecture will compare two transitional

episodes in the "idealization" of the East by the West:

—Conventions and circumstances of Jacobean hopes for non-Papist monarchs around the world, particularly Great Britain, Sumatra, Java and Bali, to institutionalize the exchange of "their sources of fame," the royal courts;

—Expressions of early-Romantic hopes for literatures around the world, particularly Sanskrit and German, to institutionalize the exchange, or translation of "their sources of fame," the written word.

"In both episodes the Dutch are conspicuous by their absence," according to Boon.

Boon, who has taught at Duke University and held membership at the Institute for Advanced Study in Princeton, N.J., has done field work in Java, Bali, the Netherlands and Belgium. He is the author of three books, most recently "Native Meaning: Comparative Methods in Symbolic Anthropology."

A graduate of Princeton University, Boon holds his master's and Ph.D. degrees from the University of Chicago.

CORNELL CHRONICLE

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It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age or handicap. The University is committed to the maintenance of affirmative action programs which will assure the continuation of such equality of opportunity.

Administrative Council Speakers Are Changed

A change in speakers has been made for the meeting of the Administrative Council Thursday, Nov. 16.

Provost W. Keith Kennedy, who had been scheduled to speak, has postponed his ap-

pearance until the council's next meeting on Dec. 14.

In his place next Thursday, R. Davis Cutting, president of the Tompkins County Area Development Corp. will speak on that organization's activities and its cooperation with the University.

Housing Will Add Paralegal Service

The Off-Campus Housing Office is adding a new dimension to its services, according to coordinator Mel E. Brown. Beginning on Nov. 15, a paralegal counselor will be available to answer questions and assist off-campus Cornell students with landlord-tenant problems.

Charles Guttman, a local attorney for three years, will act as the paralegal counselor. He will deal with concerns in landlord-tenant relations, security deposit issues, leasing concerns, substandard housing problems, small claims court procedures and other related rental problems.

The paralegal counselor will not represent any student in court, Brown said: "The position is designed to assist students with their initial needs. If students need additional assistance, they would be referred to a private attorney in the local community. For the time being, the service is also limited to

landlord-tenant problems," he said.

Guttman was graduated from Cornell University in 1971. He received his law degree from Boston University in 1975. He has worked at the Ithaca Storefront, for Chemung County Legal Aid and with Betty D. Friedlander, Tompkins County Family Court Judge.

In addition to counseling students, Guttman will assist in information sessions during the spring semester and will help develop various information pieces dealing with off-campus housing.

Brown said that students who have a landlord or off-campus housing problem should go to the Off-Campus Housing Office in 223 Day Hall and sign up for a free 15-minute initial consultation. Guttman will have office hours on Wednesday afternoons. Appointments can also be made by calling 256-5373.

Scientists Discuss Legumes at BTI

For agronomists in developing countries where nitrogen fertilizer is too expensive to use, exploitation of the relationship between nitrogen-fixing bacteria and legumes (such as soybeans and alfalfa) is the only practical way to enrich the soil.

For foresters trying to increase the yield of wood and decrease the time between harvests, the idea of planting legumes for soil enrichment in cut-over areas is taking hold.

For plant breeders in the U.S., where the cost of nitrogen fertilizers derived from fossil fuels has risen sharply, developing legumes with superior nitrogen-fixing abilities would make economic sense.

The techniques for identifying promising legume varieties are just beginning to emerge, however, and most are still too cumbersome and expensive for plant breeders to use.

Plant physiologists, breeders, foresters, and instrument manufacturers from throughout the nation and abroad gathered recently at the Boyce Thompson Institute for Plant Research at Cornell University to discuss methods of selecting and breeding legumes for enhanced nitrogen fixation.

The workshop was the first of its kind held in this country and the first official function of BTI since it moved from Yonkers to Cornell earlier this fall. The group's findings will be presented to the National Science Foundation, which provided funds for the workshop.

Nitrogen fixation is the process by which nitrogen from the atmosphere is converted into

ammonia, which is needed for protein production by all forms of life. Most plants obtain ammonia from nitrogen compounds in the soil or commercial fertilizers. Legumes, however, can obtain ammonia through an association with soil bacteria. The bacteria convert atmospheric nitrogen to ammonia using energy supplied by the plants in the form of carbon compounds.

"Very little of what we know about nitrogen fixation is of direct use to plant breeders," said Thomas LaRue, a senior scientist in BTI's Nitrogen Fixation Group and workshop organizer.

"Using the most sophisticated analytical equipment, perhaps 40 plants can be analyzed for nitrogen fixing ability in a summer, but plant breeders often need to analyze at least 5,000 plants before they can begin to select improved varieties. We need a quantum leap in technology and a sharp decrease in analysis costs," he said.

The role of the BTI workshop was to bridge the gap between what basic researchers are learning about nitrogen fixation and what plant breeders need to put new knowledge to use, he added.

Workshop participants recommended that research teams, including a plant breeder, bacteriologist and plant physiologist, be established to study important legumes, especially soybeans and alfalfa.

Investigations, they concluded, should pay particular attention to how carbon (which supplies the energy needed by the bacteria) is distributed in the legumes.

Also needed, they determined, is a national and perhaps international collection of rhizobia—the nitrogen fixing bacteria associated with legumes.



It Was a Wet Dedication

Landscape architecture students gathered to dedicate a hands-on project in which they have been involved this fall near the Cornell Orchards. Not only did they design various parts of patios and other outside treatments, they also worked with local contractors and built their own designs. On the day they gathered for a ribbon cutting, it rained. The students are under the direction of Thomas H. Johnson.

Guidelines On CIA Are Sought

The Ad Hoc Committee of the Campus Council on University Policies Regarding CIA Recruitment on Campus is sponsoring an open hearing at 4:30 p.m. Wednesday, Nov. 15, in Clark 701.

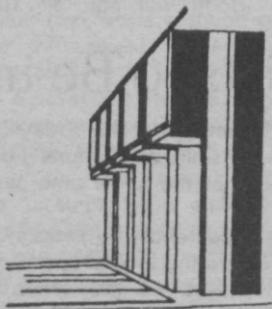
The committee is considering adoption of guidelines that would address the problems of intelligence activities on campus.

Harvard University and University of Pennsylvania recently adopted such guidelines. While Harvard's guidelines pertain only to CIA activities, Pennsylvania's approach is more comprehensive, dealing with the intelligence activities of businesses, corporations, as well as government, according to Kathy Selvaggio, chairperson of the Cornell Chapter of New York Civil Liberties Union.

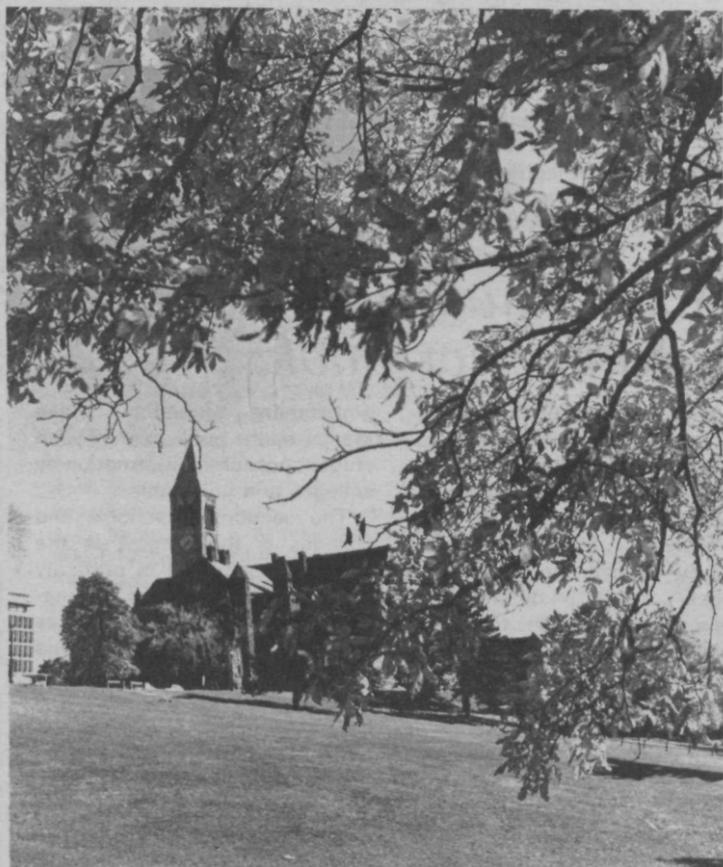
Anyone wishing to submit a position paper or written testimony for the hearing, should sign up by Tuesday, Nov. 14, at the Campus Council office, 133 Day Hall.

Carreiro

A memorial fund in honor of Joseph A. Carreiro, who died Oct. 15, 1978, has been established by the College of Human Ecology. The fund will endow a scholarship for a student in the Department of Design and Environmental Analysis, where he was professor and former chairman. Gifts may be sent to the Joseph Carreiro Memorial Fund, University Development, 726 University Avenue.



NOYES STUDENT CENTER



Job Opportunities

Continued from Page 2

Coordinator of Mentors (The Learning Web, apply directly)
PART-TIME AND-OR TEMPORARY POSITIONS

- *Temp. Svc. Clerical (NYSSILR, NYC, temp. pt)
 - *Temp. Svc. Clerical (Hum. Dev. & Fam. Studies, temp.ft)
 - Temp. Svc. Clerical (Veterinary Pathology, temp.ft)
 - *Searcher I, A-13 (U. Libraries, Olin, perm. pt)
 - *Lib. Asst. I, A-10 (U. Libraries, Olin, perm. pt)
 - Steno. A-11 (COSEP, LSC, perm. pt)
 - Tech. Aide Jr., NP-7 (Div. Nutr. Sciences, temp.ft)
 - Steno II, NP-6 (Rural Sociology, temp. ft)
 - Steno II, NP-6 (Hum. Dev. & Fam. Studies, perm. pt)
 - Steno II, NP-6 (Agronomy, temp., variable hours)
 - Bldg. Maint. Worker I, NP-7 (Animal Science, perm.pt)
 - Tech. Aide Jr., NP-7 (Media Svcs., perm. pt)
 - Temp. Svc. Janitor (University Press, perm. pt)
 - Temp. Svc. Svc. (Campus Store, casual)
 - Temp. Svc. Tech. (Plant Pathology, temp. pt)
 - Temp. Svc. Tech. (Biological Sciences, perm. pt)
 - Temp. Svc. Tech. (Agric. Engineering, temp. ft)
 - *Res. Tech. II, NP-10 (Veterinary Pathology, temp.ft)
 - Lab Tech. I, NP-8 (Food Science, 1 yr., 30 hrs.week)
 - Lab Tech. I, NP-8 (L.H. Bailey Hortorium, temp.ft)
 - Lab Asst. III, NP-5 (DCS - Surgery, temp.ft)
 - Programmer I, A-19 (Computer Services, temp.pt)(2)
 - Jr. Lab Tech. NP-6 (Neurobiology & Behavior, temp.ft)
 - Programmer I, A-19 (Psychology, temp. pt)
 - Sr. Lab Tech. A-18 (Neurobiology & Beh., temp. ft)
 - Lab Asst. A-11T (Biochem., Mol. & Cell Biology, perm.pt)
 - Systems Programmer III, CPO5 (Computer Svcs., 1 yr.)
 - Systems Programmer II, CPO4 (Computer Svcs., 1 yr.)
 - Reg. Director, CPO4 (Univ. Development, Cleveland, pt)
 - Systems Programmer I, CPO3 (Computer Svcs., 1 yr.)
 - *Staff Writer II, CPO4 (Univ. Relations, perm. pt)
 - Res. Supp. Aide, CPO2 (B&PA, temp. pt)
- ACADEMIC-FACULTY POSITIONS (Contact Department Chairperson)
- *Res. Associate II, CPO4 (Lab of Nuclear Studies)
 - Faculty Position-Section of Surgery (Dept. Clin. Sciences)
 - *Asst. Prof. or above- Several positions (Cornell Law School)
 - *Res. Associate II, CPO4 (Dept. of Agronomy)
 - Asst. Profs.-Dramatic Literature, 18th Century, and American Studies (Dept. of English)
 - Post-Doct.Assoc. (Botany, Genetics & Development)
 - Res. Associate II, CPO4 (Agronomy)
 - Res. Assoc. II, CPO4 (Env. Engr., & Civ. & Env. Engr.)
 - Vet Clinical Pathologist (Dept. Clinical Sciences)
 - Res. Assoc. II, CPO4 (Food Science)



The pirates and policemen clash in the 1957 Savoyard production of "The Pirates of Penzance." Celebrating their 25th anniversary, the Savoyards will present "Pirates" again for the next two weekends in Statler Auditorium.

Savoyards

New and old Cornell Savoyards will bask in their glory this weekend. They are celebrating the group's 25th anniversary with a gala production of "The Pirates of Penzance" and a festive fling planned to stretch into the wee hours after the Saturday night performance.

Beer will flow, Gilbert and Sullivan songs will be sung, old acquaintances will be renewed and Savoyard alumni will be honored — particularly two very special guests to whom Cornell Savoyards owes its existence: Henry Gleitman and Wendell Williams.

Although the Cornell Dramatic Club had been producing a Gilbert and Sullivan show each spring since the 1930s, these two former Swarthmore Savoyards decided one a year wasn't enough. In December

1953, together with a group of Gilbert and Sullivan lovers, Gleitman and Williams presented "Trial By Jury" on the small stage in Martha Van Rensselaer Auditorium, marking the official beginning of the Cornell Savoyards.

The following year the Cornell Dramatic Club stopped producing Gilbert and Sullivan altogether, but the Savoyards carried on the tradition so that Gilbert and Sullivan operettas could be guaranteed regular annual campus presentations. Since 1971 the Savoyards have treated audiences twice a year to W.S. Gilbert's witty lyrics and Arthur Sullivan's enchanting music.

Supported solely by ticket sales, the Savoyards fill more than 3,000 seats for every production and the plays are among the most popular live entertainment in Ithaca, enjoyed by old and young audiences alike.

The group has had to struggle at times, producing shows on small stages and even smaller budgets and getting by with makeshift costumes and simple sets. Yet, while rival dramatic clubs have come and gone in the past 25 years, the Savoyards remain, as strong and full of gusto today as ever.

What makes the Savoyards so special?

"Certainly the plays themselves are timeless in a curious way," observes David Wyatt, a Savoyard for eight years, who has played the part of the knave in many a Gilbert and Sullivan opera.

"I don't think Gilbert himself, writing about English politics during the Victorian period, realized how applicable his words would be 100 years later. The satire still works: the political cronies, the

military generals, the young lovers — all are deftly characterized. On the other hand, death, religion and sexuality are never touched. As far as Gilbert and Sullivan were concerned, people never reproduced," he said.

But, the amazing thing that even the Savoyards themselves have marveled at is the solidarity and warmth of the group that never seems to diminish, however many years have passed, or however many new people come and go. Alumni keep in touch by means of a newsletter that goes out to 50 subscribers. And 50 more alumni have asked to be added to the mailing list, says Wyatt. Many out-of-town alumni are expected to show up for the anniversary celebration.

Many former Savoyards are still performing, some in Broadway shows, several in Gilbert and Sullivan productions at universities and in cities across the country. In fact, says Wyatt, a national network of Savoyards exists on university campuses, with Cornell Savoyards and Michigan Savoyards considered among the best.

(The word "Savoyard," by the way, is synonymous with Gilbert and Sullivan. Ever since the pair were writing for Richard D'Oyly Carte at the Savoy Theatre in London, enthusiasts of these comic operas have been calling themselves Savoyards.)

Alfred Kahn, Fred Ahl, David Usher, Paul Gibbons, Ruth and Bernie Goodman, Bruce Payne, Nancy Cole, Bill Rossow — all have called themselves Savoyards. And thanks to the enthusiasm and contributions of these and many other Savoyards, it looks like the Cornell campus will remain a hotbed of Gilbert and Sullivan activity for a long time to come. —Jill Casner-Lotto



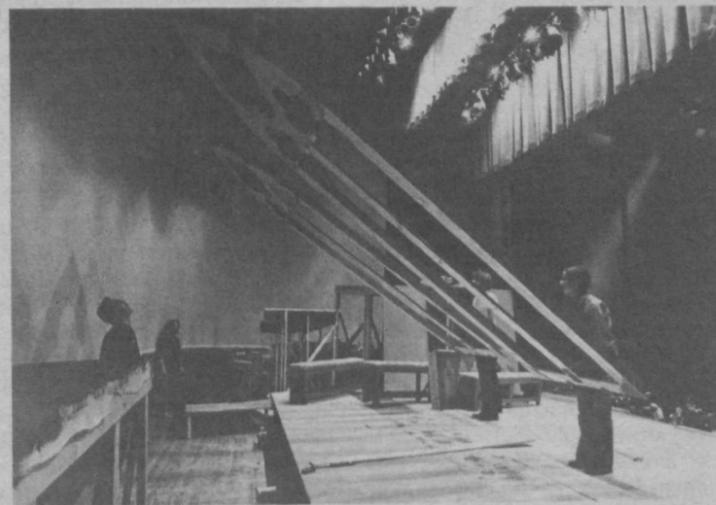
A scene from a Gilbert and Sullivan favorite: "The Mikado," presented by the Savoyards in 1975.



"Iolanthe" was presented in 1960 with David Green as the Lord Chancellor and Barbara Federer as Iolanthe.



Colonel Calverley, Major Murgatroyd and Lieutenant Duke of Dunstable do a little dance in the 1966 production of "Pateince."



After weeks of sawing, hammering and painting, Savoyards get the set ready for the 1975 production of "Trial By Jury."



This view of the Agriculture Quadrangle was made on a camera that travels over 140 degrees.

Freshmen Surveyed About Quality of University Life

If you're a freshman, you may be one of approximately 150 persons telephoned this week as part of a campus-wide survey designed to get your opinions about the quality of life at Cornell.

A series of four Campoll surveys, sponsored by the Division of Campus Life, is being conducted during the fall and spring semesters in order to get freshmen's perception of their academic and social experiences

and how these perceptions may change in a year.

Howard C. Kramer, director of research and planning for Campus Life, said 155 freshmen have been queried in the first survey; more freshmen, in some cases, the same people, will be phoned starting Friday, Nov. 10, as part of the second survey.

Five areas of interest are covered in the surveys, Kramer said. "We are trying to find out the amount of stress or pressure

freshmen experience, their degree of satisfaction with Cornell, how they rate their achievements in class work and in managing their time, their attitudes toward the value of higher education and their contacts with individuals, including out-of-class contacts with faculty and staff," he said.

The information obtained will be analyzed on a group basis and individual names or responses will not be available to anyone.

The entire interview takes about five minutes.

The surveys should help University officials get a better sense of the quality of life from a student perspective, said Kramer. "While there's been a lot of publicity about the pressure at Cornell, we have little data on it. These surveys start to build a systematic way of exploring how students experience Cornell and how that experience may change."

LECTURES Architecture

The third annual Preston H. Thomas Memorial Lectures will be a three-day symposium on energy and technology in architecture, Nov. 15-17.

The opening lecture will be given by James Marston Fitch, a historian of architecture, at 7:30 p.m. Wednesday, Nov. 15, in the Johnson Museum of Art. All the other afternoon and evening discussions and lectures in the series will take place in Anabel Taylor Auditorium.

The symposium is sponsored by the Department of Architecture in the College of Architecture, Art and Planning with funds provided by Mr. and Mrs. Leonard B. Thomas of Auburn in memory of their son, an architectural student at Cornell at the time of his death in 1974. The theme of the lecture this year is "The Design Connection: A Symposium on Energy and Technology in Architecture."

The symposium will conclude with a colloquium starting at 8 p.m. Friday, Nov. 17, with all the guest lecturers in the series discussing issues brought out in the earlier sessions.

In addition to Fitch, a visiting professor at Cornell from Columbia University, the other scheduled speakers are:

—Richard G. Stein, practicing architect in New York City, who has written extensively on the subject of energy conservation as it applies to architectural design; 2 p.m. Thursday, Nov. 16.

—Sim Van der Ryn, retired State Architect for California, who devoted much of his practice in the 1960s and early 70s to experimentation with ecologically autonomous communities; 3:30 p.m. Thursday, Nov. 16.

—Ralph Erskine, who has extensive architectural practices in Sweden and England, and is known for developing an organic architecture which responds to particular site and climatic conditions; 8 p.m. Thursday, Nov. 16.

—Ralph Knowles, a professor of architecture at the University of Southern California, who has dealt extensively with the relationship between changing solar patterns and architectural forms and energy conservation; 2 p.m. Friday, Nov. 17.

—Cesar Pelli, dean of the College of Architecture at Yale University, whose work characterizes the imagery of modern technology and who is concerned with the environmental performance of his buildings; Friday Nov. 17.

Classics

Anthony A. Long, professor of classics at Liverpool University and visiting professor at Princeton University, will give a public lecture, "Stoicism and its Authorities," at 8 p.m. today in 221 Goldwin Smith Hall.

Long also will be conducting a seminar on Greek philosophy at

2 p.m. Friday in Room 283 of Goldwin Smith.

He is the author of "Language and Thought in Sophocles" and "Hellenistic Philosophy," and the editor of "Problems in Stoicism."

Long's lecture and seminar are being sponsored by the Department of Classics at Cornell.

'Homosexuality'

A lecture on "Homosexuality and the Catholic Church" by Thomas Koester, Cornell Catholic chaplain, will be the opening event of the first annual "Fall Fling Weekend" Nov. 9-12, sponsored by the Cornell Gay Liberation. The lecture will be at 7:30 p.m. Thursday, Nov. 9, in Willard Straight Hall.

Workshops, a wine and cheese party, a Sunday brunch and an evening of skating at Lyniah Rink are also scheduled

for the weekend.

The Catholic Church needs to make more humanistic evaluations in the area of homosexuality and sexuality in general, according to Koester. "There still exists today a mutual misunderstanding between the Catholic Church and gays. There is more room in the church for gays than they might think, as well as other groups whose ideas differ from the teachings of the church," he said.

For more information on the weekend, call Cornell Gay Liberation's 24-hour phone line at 256-6482.

Contract with HEW

ILR Studies Schools' Problems

A study has begun at the University which addresses some of the organizational dilemmas currently confronting school district officials in New York State.

The Project on School District Governance and Administration in the New York State School of Industrial and Labor Relations has begun its study under a \$278,662 contract.

The study is being done under a grant from the National Institute of Education in the Department of Health, Education and Welfare.

Samuel B. Bacharach, associate professor in the Department of Organizational Behavior at Cornell's ILR School and project director, said "the project will survey 60 New York State school districts and conduct case studies in six others."

In explaining the reasons for the study, Bacharach said:

"Declining enrollment, grow-

ing reluctance by voters to approve tax increases, frequent teacher strikes and rising costs have created turmoil and uncertainty in many local school districts. In order to cope with their embattled environments, many school districts have had to discard old models of organization and adopt new ones.

"In some instances, adopting new models has proven premature, for it has occurred without an adequate understanding of the school district's governmental structure and administrative processes. Specifically, school district officials must be able to pinpoint which structures and processes must be modified and which must be left alone."

The project at Cornell has two goals, according to Bacharach: provide a clearer picture of what organizational models are being used in school districts and offer some insights into how the effec-

tiveness of these models can be improved.

In order to achieve those goals, the study has six objectives:

—to delineate key aspects of the governmental structure of school districts such as size, span of control and student-teacher ratios.

—to delineate the essential administrative processes of the school district such as communication and routinization of work.

—to determine who makes decisions within a school district with regard to specific issues such as personnel, curriculum, reorganization and finance.

—to identify the sources of consensus and conflict surrounding decisions on specific issues.

—to identify the mechanisms used to resolve conflicts.

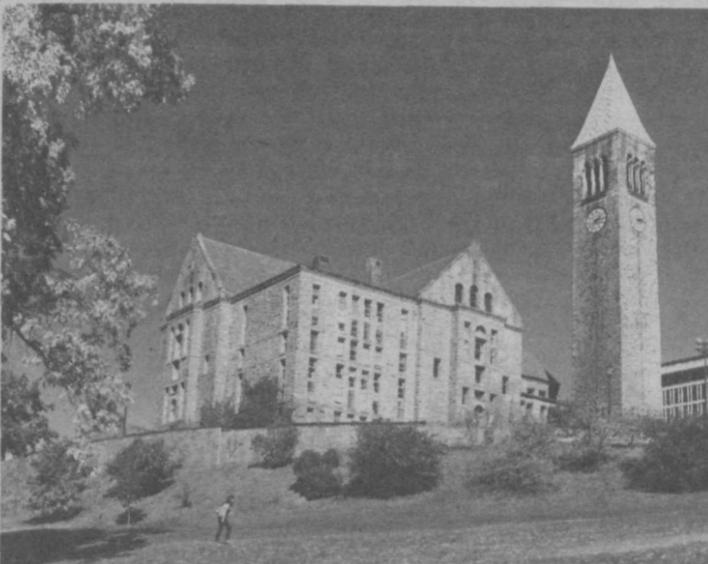
—to assess the effectiveness of the decision-making process for specific issues.

On both the case study and survey phases of the research, interviews and questionnaires will be administered to superintendents, principals, assistant principals, school board members, PTA members, teachers and union officials. The object of both phases of the research is to identify the main participants in various school district decision-making processes.

"The survey and the case study techniques were designed to complement each other," according to Jonathan Reader, the project research coordinator.

"The survey, due to the large number of respondents, affords the opportunity to draw some generalizations regarding decision-making in school districts. The case studies permit the examination of those aspects of the decision-making process which cannot be captured in questionnaires and interviews," he said.

Bacharach hopes this study of school districts will be the first in a series. A second study concentrating on the political and historical aspects of the environment in which school districts are embedded has been formulated and has been submitted for funding. A third study focusing on student satisfaction is being planned.





Two plays are being presented this week as part of the Cornell University Theatre repertory season. "The House of Bernarda Alba" (left) will run Thursday through Saturday (Nov. 9-11) in the Willard Straight Theatre. "Vietnam Revisited" (above) will run Thursday through Sunday (Nov. 9-12) in the Drummond Studio. Both performances are at 8:15 p.m. Tickets are available in the Willard Straight Theatre Box Office.

Litz Here For 2 Days Of Dance

Dancer and choreographer Katherine Litz will be on campus for a two-day residency Nov. 16-17, as part of the Cornell Dance Series. Litz will teach classes at Cornell and perform a solo concert of her work at 8:15 p.m. Friday, Nov. 17 at the Strand Theatre.

Litz is director of the Katherine Litz Dance Company, a professional modern dance company based in New York City. She has been presenting her own solo and group choreography for more than 20 years in New York City concerts, at universities and art festivals.

Litz's early training was with the Humphrey-Weidman Concert Company and with Agnes deMille, performing in New York City and on nationwide tours. On Broadway she was a featured dancer in "Oklahoma" and "Carousel," and she had her own television program, "The Creative Process," on CBS Camera 3.

John Martin, reviewer for the New York Times, has called Litz, "...certainly one of the most important artists in the field...both as a dancer and as choreographer." According to Dance magazine, "she catches the little details and exposes the secrets about themselves that people reveal unconsciously, translating them into dances that are at once pathetic and wildly funny."

Tickets for the concert are \$3.50; \$2.50 for students and senior citizens. They are on sale at the Strand Theatre box office, Nippenose and the Cornell Dance Office, 256-2360.

Institute Director to Be Sage Speaker



Monsignor John M. Oesterreicher, founder and director of the Institute of Judaean-Christian Studies at Seton Hall University, South Orange, N.J., will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, Nov. 12. His topic will be "Jesus and the Pharisees: Friends or Foes?"

He also will lecture on Jewish-Christian relations at 8 p.m. Sunday in the Founders Room, Anabel Taylor Hall.

Oesterreicher is professor and chairman of the graduate pro-

gram at the institute. The purpose of the institute is to support research and teaching that will contribute to an amicable fruitful coexistence of Christians and Jews.

Oesterreicher is considered a champion of Israel's sovereignty and peaceful existence with its neighbors. He was one of the driving forces behind the promulgation of the Vatican Council's Statement on the Church and the Jewish People.

Author of several books and essays in six languages, Oesterreicher will soon publish a study on "Martin Buber and the Christian-Jewish Dialogue." It is based on a lecture he gave in May 1978, at a conference organized by the Ecumenical Institute for Advanced Theological Studies, Tantur-Jerusalem, on the occasion of Buber's 100th birthday. He is also preparing a book on the history and theology of the Holocaust.

Weekend Of Yoga Planned

Yoga techniques designed to help people relax at home or on the job will be included in a "New Horizons Workshop" this weekend, Nov. 10-12 in Anabel Taylor Hall. Members of the Kripalu Yoga Ashram of Sunnyside, Pa. will lead the workshops.

The program is sponsored by the Center for Religion, Ethics and Social Policy and the Inter-religious International Ministry.

The opening session, "How to be More Relaxed" takes place in the Chapel from 7 to 10 p.m. Friday and is free. Simple breathing exercises will be covered.

The session continues on Saturday from 9 a.m. to 9 p.m. in the One World Room, and on Sunday from 2 to 6 p.m. with a workshop on "Yoga, Health and Nutrition," also in the One World Room.

A \$20 fee for the Saturday session includes a catered vegetarian supper that evening. The fee for the Sunday session will be \$5.

Pre-registration will assure a place in the workshops. Send registration forms to Betsy Shaw, 413 East Buffalo St., Ithaca, 14850, or call 272-1036.

Silsbee Wins Music Prize

Ann Silsbee, a graduate student in the Department of Music at Cornell University, has won second prize of \$500 in a national competition for major new works sponsored by the Eastman School of Music in Rochester.

Silsbee's "Doors" was one of 78 works submitted by members of the American Society of Uni-

versity Composers from 24 states and two Canadian provinces.

A graduate of Radcliffe College, Silsbee received her master's degree at Syracuse University. She has taught at the State University of New York at Cortland and at Cornell.

She is now a candidate for the doctorate in musical arts at Cornell and studies with composer and conductor Karel Husa, the Kappa Alpha Professor of Music.



Phillips, Wolfe Folk Attractions

Utah Phillips and Kate Wolfe will be performing for the Cornell Folk Song Club at 8:30 p.m. Thursday, Nov. 16, in the Memorial Room, Willard Straight Hall.

Phillips is often considered Woody Guthrie's heir. Throughout his songwriting life, Phillips has traveled around the country talking to people; his songs are reflections of the things they tell him.

Kate Wolfe, a popular singer from San Francisco, has two records out on Owl Records, a company based in Sonoma, California.

Admission to the concert will be \$2. People interested in joining the Folk Song Club may do so at this concert.

Nottebohm Is Fuertes Lecturer

Fernando Nottebohm of Rockefeller

University will deliver a Fuertes Lecture at the Laboratory of Ornithology, 159 Sapsucker Woods Road, at 7:45 p.m. Monday, Nov. 13.

Nottebohm will speak on "Brain Pathways for Vocal Control in Song Birds: A Good Place to Study Hemispheric Dominance, Sexual Dimorphism, the Role of Hormones and Learning."

Born in Buenos Aires, Argentina, Nottebohm received the Ph.D. in zoology in 1966 at Berkeley, where he studied under Peter Marler. He joined the Rockefeller University faculty in 1967 as an associate professor and is now a full professor there.

The Fuertes Lectures at the Laboratory of Ornithology were endowed by George M. Sutton, wildlife artist and zoologist, and Olin Sewall Pettingill, former director of the laboratory. The lectures honor bird artist Louis Agassiz Fuertes and enable the laboratory to bring outstanding lecturers in ornithology to Cornell.

All items for publication in the Cornell Chronicle must be submitted to the Chronicle Office, 110 Day Hall, by noon on the Monday preceding publication. Only typewritten information will be accepted. Please note the separate procedure and deadline for Calendar entries, as explained at the beginning of the Chronicle Calendar on the back page.

Mime Troupe to Present 'False Promises' Musical

The San Francisco Mime Troupe will present the musical drama "False Promises-Nos Enganon" at 8 p.m. Saturday, Nov. 18, in Bailey Hall.

The presentation is sponsored by the Committee of U.S.-Latin American Relations, University Unions Program Board and several other student organizations.

Set against the background of the Spanish-American war and the burgeoning of American imperialism, "False Promises" is an original political drama concerning striking Mexican and American miners in a Colorado mining town. It is based on actual events.

The San Francisco Mime

Troupe, made up of singers and actors, is a politically oriented theatrical group. The troupe started at the end of the fifties in San Francisco as a counterculture street theater group, performing in parks and plazas on simply constructed wooden stages.

Tickets are \$2.50 and are available at the door, and in advance at the Willard Straight box office.

Grads for Grads Plan a Dinner

Grads for Grads is sponsoring a Thanksgiving dinner at 7:30 p.m. Saturday, Nov. 25, in the Big Red Barn. The dinner is for international students and others not planning to join their families for the holiday.

The cost is \$2.50 and \$1.25 for children. There is a 25 cent discount with a grad activity card. Everyone is asked to bring a side dish to pass. Those interested should call Pam Howells at 256-5356 or sign up at Sage, Cascadilla or Hughes Halls and at Brown Center by Nov. 15.

"The occasion will provide an opportunity for international students to understand the meaning of Thanksgiving in America, and for all graduate students and other members of the community to get to know each other," according to Girish Reddy, graduate programming assistant.



Members of the Philadelphia Trio will perform at 4 p.m. Sunday, Nov. 12 in Barnes Hall. The concert will be the final performance of the weekend Festival of Contemporary Music, a series of seven free public concerts and lectures by local and visiting musicians.

New Grants and Contracts Announced

The Office of Sponsored Programs announces the following new grants and contracts for sponsored programs for the Ithaca and Geneva units of the University from July 7, 1978 through October 6, 1978. This list does not include renewals or continuations.

Allison, P., SASS, Scientific Productivity and Prestige of University Departments, NSF, 12 months, \$35,538.

Ambegaokar, V., LASSP, Theoretical Research in Condensed Matter Physics, Navy, 12 months, \$29,000.

Appel, M.J., Veterinary College, Canine Viruses and Multiple Sclerosis, Kroc Foundation, 12 months, \$19,107.

Armbruster, G., Evaluation of Saran and Glad Wrap in Microwave Cooking, Dow Chemical Company, 5 months, \$8,800.

Ashford, D.E., Center for International Studies, Comparative Public Policy Program, Ford Foundation, 24 months, \$25,000.

Bacharach, S., Industrial and Labor Relations, Consensus and Power in School Organizations, National Institute of Education, 9 months, \$62,842.

Baker, R.C., Poultry Science, Quality Improvement of Canned Leghorn Fowl, American Egg Board, 12 months, \$6,600.

Bart, J.R., Natural Resources, Annotated Bibliography: Non-Target Effects of Forest Insecticide Use, USDA, 5 months, \$1,000.

Bassett, W.A., Geological Sciences, Thermodynamics Kinetics and Rheologic Properties of Mantle Minerals, NSF, 13 months, \$83,698.

Batterman, B.W., Applied and Engineering Physics, Measurements of Forbidden Reflections in Germanium and Silicon Using Synchrotron Radiation, NSF, 12 months, \$72,000.

Battistella, R.M., Business & Public Administration, Traineeships, Other Graduate Programs, (Formula), Health Research Administration, 12 months, \$71,280.

Battistella, R.M., Business & Public Administration, Graduate Programs in Health Administration, Health Research Administration, 12 months, \$135,000.

Bauer, S.H., Chemistry, Homogeneous Condensation of Metal Vapors — Physical and Chemical Characterization of the Condensates, NSF, 12 months, \$42,500.

Bloom, A.L., Isacks, B.L., Geological Sciences, Chronology of Recurring Earthquake-Related Uplift, New Hebrides Island Arc, NSF, 24 months, \$60,000.

Bowers, R., Meyburg, A., Science, Technology & Society, Exploratory Analysis and Assessment of Electronic Message Transfer, NSF, 18 months, \$83,665.

Boykin, A.W., Psychology, Spencer Fellowship, National Academy of Education, 5 years, \$8,000.

Bronfenbrenner, U., Human Development & Family Studies, On-The-Job Training Agreement, City of Syracuse, 5 months, \$4,339.

Brown, J.S., Cooperative Extension, Tenant Information, NYC Human Rights, 18 months, \$9,000.

Brown, J.S., Cooperative Extension, Handy Van Program, Citibank, 12 months, \$119,251.

Brown, T.L., Natural Resources, Impact of Manipulating Lake Levels on Recreational Boating, Army, 12 months, \$52,930.

Brown, T.L., Natural Resources, Public Attitudes Toward Wildlife and Its Accessibility, NYS, 12 months, \$36,000.

Brumberg, G.D., University Libraries, Historians in Residence, New York Council for the Humanities, 12 months, \$31,586.

Call, D.L., Cooperative Extension, Environmental Management Training and Education Cooperative Agreement, NYS, 12 months, \$38,000.

Campbell, T.C., Nutritional Sciences, Effect of Perinatal Imprinting on Adult Carcinogenesis, NIH, 12 months, \$19,943.

Cartwright, R.S., Computer Sciences, Designing Verifying and Implementing Typed Lisp, NSF, 24 months, \$79,261.

Casarett, A.P., Graduate School, FY78-79 Graduate Fellowship Program, NSF, 5 years, \$581,500.

Conrad, J.M., Agricultural Economics, Sea Grant — New Initiatives: Planning Grant Funds, Office of Sea Grant, 5 months, \$500.

Constable, R.L., Computer Sciences, Investigations Into The Theory of Programming Logics, NSF, 12 months, \$40,003.

Cool, T.A., Applied and Engineering Physics, Photodissociation of Metal Halides: New Molecular Lasers at Visible Wavelengths, Navy, 12 months, \$50,000.

Cupp, E.W., Entomology, Development of Surrogate Hosts and Natural Vectors for *Onchocerca* spp., World Health Organization, 12 months, \$25,000.

Donovan, R., Industrial & Labor Relations, Develop Training Capabilities in the Area of Disciplinary Procedure, NYS, 6 months, \$4,000.

Downing, D.L., Geneva Experiment Station, Develop and Conduct an Advanced Technology Course for Food Investigators, Food & Drug Administration, 2 months, \$14,720.

Dunn, J.C., Education, Cornell Institute for Occupational Education (Basic Grant), NYS, 12 months, \$92,414.

Eastman, L.F., Electrical Engineering, Investigations of Buffer Layers and Device-Circuit, Interactions For Gas As Monolithic Power Circuits, Westinghouse Electric Corp., 18 months, \$75,000.

Eastman, L.F., Wood, C.E.C., Electrical Engineering, Investigation of the Liquid

Phase Epitaxial Growth of Indium Phosphide For Microwave Field Effect Transistors, Westinghouse Electric Corporation, 12 months, \$15,840.

Ehrenberg, R.G., Economics, Estimation of Completed Unemployment Spell Durations From Published Data, Department of Labor, 12 months, \$14,089.

Ehrenberg, R.G., Industrial & Labor Relations, Policy Parameters and the Demographic Structure of Unemployment Rates, Department of Labor, 12 months, \$40,812.

Farris, C.J., Community Service Education, Eliminating Sex Bias in Vocational Youth, NYS, 5 months, \$28,012.

Finch, H., University Libraries, New York Historical Resource Center, National Archives and Records Service, 18 months, \$42,619.

Finch, H., University Libraries, Support for Documentary Collections in Delaware and Otsego Counties, O'Connor Foundation, 12 months, \$9,150.

Finch, H., University Libraries, Historians in Residence, NYS Arts, 12 months, \$23,934.

Fisher, M.E., Chemistry, Establishment of Facility for Laser Spectroscopy, NSF, 12 months, \$76,200.

Fleischmann, H.H., Nuclear Science & Engineering, Cooperative Graduate Educational Program in Fusion Technology, Westinghouse Electric, 12 months, \$8,860.

Freed, J.H., Chemistry, ESR Studies of Surface Adsorption and Catalysis Under High Vacuum Conditions, Department of Energy, 6 months, \$90,000.

Gates, C.D., Civil & Environmental Engineering, Water Quality Control Engineering, Environmental Protection Agency, 12 months, \$30,400.

George, A.R., Mechanical & Aerospace Engineering, Broadband Rotor Noise, NASA, 2 months, \$2,373.

Gergely, P., White, R.N., Structural Engineering, Design of Splices in Reinforced Concrete Frames for Earthquake Effects, NSF, 24 months, \$199,548.

Gergely, P., Structural Engineering, 1978 Institutional Scientific Equipment Program, NSF, 30 months, \$18,000.

Gibson, E.J., Psychology, Development of Perception of Invariants and Affordances at Infancy, Spencer Foundation, 18 months, \$21,400.

Gillespie, J.H., Microbiology, Molluscan Cell Culture Workshop, National Oceanic and Atmospheric Administration, 3 months, \$2,000.

Goldstein, M.J., Chemistry, X-Ray Crystallographic Analysis of Nonclassical Carbocation Structures, American Chemical Society, 24 months, \$96,639.

Goldstein, M.J., Chemistry, Oligocyclic Explorations, NSF, 12 months, \$57,100.

Gouldin, F.C., Mechanical & Aerospace Engineering, Special Equipment Grant — To Assist in Acquisition of

Spectrograph-Spectrometer, NSF, 12 months, \$7,312.

Grimes, J.E., Modern Languages & Linguistics, Chinese Data Entry, National Cash Register, 12 months, \$28,741.

Haas, J.D., Nutritional Sciences, Maternal Adaptation and Offspring Visibility at High Altitude, NSF, 12 months, \$43,643.

Haines, M.R., Center for International Studies, Differential Fertility and Mortality in Central America, NIH, 12 months, \$45,290.

Hardy, E.E., Cooperative Extension, Riverhead Resource Project, Town of Riverhead, N.Y., 18 months, \$18,000.

Hartmanis, J., Computer Sciences, Computational Complexity, NSF, 16 months, \$94,502.

Hobbs, R.C., Johnson Art Museum, Smithsonian Exhibition, National Endowment for The Arts, 33 months, \$40,000.

Holcomb, D.F., LASSP, Experimental Investigation of Electron Localization Phenomena in Disordered Systems, NSF, 12 months, \$56,000.

Houpt, K.A., Physiology, Efficacy of Mobil Animal Repellent #9B Concentrate Code 259-25A, Mobile Chemical Company, 12 months, \$35,267.

Isacks, B.L., Geological Sciences, Study of Hazards Related to the Suva/Mbengga Seismic Zone in Fiji, AID, 24 months, \$103,257.

Isacks, B.L., Geological Sciences, Integrated Ocean Bottom Land Based Seismometer Experiment Philippine Sea Plate, NSF, 12 months, \$69,200.

Jacobson, R.H., Diagnostic Lab, Immune Response to Intestinal Nematodes, NIH, 12 months, \$45,398.

Jacobson, R.H., Diagnostic Lab, Testing Technicon System, Technicon Industry Systems, 12 months, \$12,000.

John, B.M., Rural Sociology, Migrant Health and Nutrition Education, NYS, 12 months, \$65,615.

John, B.M., Rural Sociology, Migrant Medical Services Education, NYS, 12 months, \$78,974.

John, B.M., Rural Sociology, Summer Enrichment Program, NYS, 12 months, \$34,659.

John, B.M., Rural Sociology, Migrant Health Dental Services, NYS, 3 months, \$5,361.

Karig, D.E., Geological Sciences, Characteristics and Evolution of Spreading in the Marina Trough, NSF, 12 months, \$47,700.

Kay, R.W., Geological Sciences, Magma Genesis in Back-Arc Basins, NSF, 12 months, \$23,800.

Keeton, W.T., Biological Sciences, Studies in Avian Orientation, NSF, 12 months, \$131,657.

Kowalski, H.M., Industrial & Labor Relations, Planning for the Later Adult Years, NYS, 12 months, \$41,990.

Kulhawy, F., Structural Engineering, Pullout Resistance of Drilled Shaft Foundation Systems, Niagara Mohawk Corporation, 24 months, \$123,065.

Lee, D.M., LASSP, Studies of Superfluid ³He in High Magnetic Fields, NSF, 12 months, \$72,000.

Levin, R.L., Mechanical & Aerospace Engineering, The Water Permeability of Biological Cells During Freezing, United Engineering Trustees Incorporated, 12 months, \$10,000.

Levitsky, D.A., Nutritional Sciences, Malnutrition and Learning, NSF, 24 months, \$9,800.

Lewis, R.M., Pathology, Pathobiology of Aging, NIH, 12 months, \$42,181.

Loehr, R.C., Agricultural Engineering, Resource Conservation and Utilization in Animal Waste Management, Environmental Protection Agency, 24 months, \$119,840.

Loew, E.R., Physiology, Effects of MS-222 on Vertebrate Retina, NSF, 12 months, \$3,588.

Lust, G., Veterinary College, Canine Hip Dysplasia: Study of Osteoarthritis, Kroc Foundation, 24 months, \$75,246.

Mapes, B.E., Animal Science, Support for Pasturelands Project, Tompkins County CETA, 7 months, \$50,060.

McGregor, D.D., Baker Institute, Small Animal Holding Facility Construction, NIH, \$427,241.

Miller, J.G., University Libraries, College Library Resources, NYS, 12 months, \$15,000.

Miller, J.G., University Libraries, College Library Resource Program, Office of Education, 12 months, \$3,906.

Moffat, J.K., Biochemistry, Transport Proteins and Systems: Structure and Function, NSF, 12 months, \$10,000.

Nation, J.A., Laboratory of Plasma Studies, Collective Ion Accelerator Injection Studies, Army, 12 months, \$53,862.

Nation, J.A., Laboratory of Plasma Studies, Acquisition of Transient Digitizer System of Use in High Current Relativistic Electron Beam Research, NSF, 12 months, \$23,650.

Oliver, J.E., Geological Sciences, Recent Vertical Movements of The Crust in The Western United States, United States Geological Survey, 12 months, \$40,000.

Oliver, J.E., Geological Sciences, Partial Funding for Scanning Electron Microprobe for Cornell University, NSF, 12 months, \$60,000.

Parsons, K.C., Architecture, Regional Industrialization and Polarized Develop-

ment in Brazil, NSF, 12 months, \$2,000.

Pekoz, T., Structural Engineering, Ultimate Strength of C and Z Purlins, AISI, 10 months, \$15,000.

Pohl, R.O., LASSP, Thermal Conductivity of Disordered Minerals and Rocks in High Level Waste Repositories, Nuclear Regulatory Commission, 24 months, \$104,797.

Rao, M.A., Geneva Experiment Station, Preparation of a Handbook For Energy Conservation in Food Canning Plants, Department of Energy, 6 months, \$17,331.

Rhodin, T.N., Applied & Engineering Physics, Acquisition of Surface Probes for Synchrotron Radiation Photoelectron Spectrometer, NSF, 12 months, \$53,645.

Roelofs, W.L., Geneva Experiment Station, Behavioral Thresholds in Moth Pheromone Perception, NSF, 12 months, \$26,296.

Saltzman, S., Program of Urban & Regional Studies, NYS Department of Public Services, Schenectady Community Action Program, New York Consumer Protection Board, National Consumer Law Center, Inc., Development of a NYS Energy Forecasting Model, 12 months, \$140,000.

Schruben, L.W., Turnbull, B.W., Operations Research and Industrial Engineering, Special Equipment for Remote Computer Access, NSF, 12 months, \$9,825.

Scott, J.C., Order and Disorder in Linear Magnetic Polymers, NSF, 15 months, \$75,000.

Sherbon, J.W., Food Science, Determination of Cheese Yields and Relationships to Milk Composition, Dairy Research Inc., 12 months, \$12,000.

Shuler, M.L., Finn, R.K., Chemical Engineering, Acquisition of An Autoclave and Flame-Ionization Gas Chromatograph for Support of Biochemical Engineering Research, NSF, 12 months, \$18,765.

Stedinger, J.R., Environmental Engineering, Spruce Budworm Simulation Modeling and Simulation Results, USDA, 12 months, \$8,200.

Stein, S.W., Architecture, Regional Conference of Historical Agencies — Subcontract, Policy Planning & Regional Analysis, 12 months, \$5,850.

Stein, S.W., Program of Urban & Regional Studies, National Register Form Preparation, Southern Tier, NYS, 12 months, \$1,625.

Steinkraus, K.H., Geneva Experiment Station, Factors Controlling Vegetative Cells of *B. Populifolia* In Typical Colonial & Cellular Morphology, Amstar Corporation, 12 months, \$9,500.

Stipanuk, D.M., Agricultural Engineering, Solar Hot Water Heating for Migrant Housing, Program Funding, Inc., 12 months, \$20,000.

Strassberg, R., Industrial & Labor Relations, Support For Processing Donated Academy Archives, Academy of Management, 12 months, \$4,000.

Taqq, M.S., Operations Research and Industrial Engineering, Non-Gaussian Self-Similar Processes, NSF, 24 months, \$52,716.

Thonney, M.L., Animal Science, The Effect of Lasalocid Sodium on the Performance of Cattle When Fed a High Roughage Diet and Compared to Lasalocid Biomass and Monensin Sodium, Hoffman-Laroche Inc., 5 months, \$7,920.

Trotter, L.E., Operations Research and Industrial Engineering, Investigations in Discrete Optimizations, NSF, 24 months, \$79,283.

Uphoff, N.T., Center for International Studies, Rural Poverty Study in Egypt, AID, 4 months, \$24,515.

VanEtten, H.D., Plant Pathology, Role of Phytoalexins in Disease Resistance, Rockefeller Foundation, 12 months, \$37,991.

VanSoest, P.J., Animal Science, Analysis of Samples From a Dietary Fiber Study, NIH, 12 months, \$20,998.

VanTienhoven, A., Poultry Science, Role of Progesterone in Ovation in the Fowl, NIH, 12 months, \$58,435.

VanWambeke, A.R., Agronomy, Soil Collaborator's Conference on Soil Research Network in the Tropics, AID, 22 months, \$55,142.

Veres, H.C., Education, Assessment of Learning Needs of New York City Adults, NYS, 12 months, \$38,686.

Weiss, J.H., History, Transformation of the Engineering Profession in 19th Century France, NSF, 12 months, \$28,000.

Whittaker, R.H., Ecology & Systematics, Progress of Research on Community Analysis, NSF, 12 months, \$64,850.

Wilkinson, C.F., Entomology, Mode of Action of Insecticide Synergists, NIH, 12 months, \$33,629.

Wu, R.J., Biochemistry, Synthesis and Cloning of Human Insulin Gene, NIH, 12 months, \$49,982.

Wu, R.J., Biochemistry, DNA Sequence Analysis of the Regulatory Regions of Yeast Cytochrome, NSF, 12 months, \$50,000.

Yoder, O.C., Plant Pathology, Factors in Plant Disease Development, USDA, 24 months, \$79,000.

Youngs, W.D., Natural Resources, Evaluation of Barrier Dams to Sea Lamprey Migration, Great Lakes Fishery Commission, 5 months, \$29,375.

NSF Offers Faculty Development Funds

The National Science Foundation has set a due date of Dec. 4 for applications for the Science Faculty Professional Development Program. The objective of this program is to improve undergraduate science teaching and thereby to improve the capabilities of students in meeting current employment requirements.

Awards will be offered to science teachers with five or more years' teaching experience to pursue three to 12 months of research or study to enhance their undergraduate instruction.

Approximately 100 grant awards are expected this year for work in the mathematical, physical, medical, biological, engineering, and social sciences. Interdisciplinary work is encouraged.

Because this program is intended to encourage new perspectives on science teaching, grantees may not affiliate with their home institutions. Also, special justification is necessary if one wants to study at a foreign

institution. The maximum stipend under this program is \$2,250 per month.

Further information is available at the Office of Sponsored Programs, 123 Day Hall. Application materials may be obtained from the Science Faculty Professional Development Program, Division of Scientific Personnel Improvement, National Science Foundation, Washington, D.C. 20550.

NSF to Support Career Workshops for Women

The National Science Foundation will continue their program entitled Women in Science, the

objective of which is to develop and test methods to attract women to and retain them in scientific careers. Again during 1979 proposals will be accepted only for Science Career Workshops.

Three types of workshops can be developed: (1) college freshmen and sophomores and high school seniors expecting to attend college; (2) sophomores, juniors and seniors majoring in science, and (3) women who have at least a bachelor's degree in science. The multidisciplinary workshops may be 1-2 days in length.

Proposals must be received by NSF no later than Dec. 1, 1978. Further information on this program is available at the Office of Sponsored Programs, 123 Day Hall.

Student's Short Story Published

A short story by Mary Ann Rishel of Ithaca, a candidate for the master of fine arts degree in English, was published in a major anthology in October.

Her short story "Status" has been selected for inclusion in "Best American Short Stories 1978" to be published by Houghton-Mifflin. The paperback version of the book will be published by Bantam Books in January 1979.



Home Study Program Helps 100,000 Students

Cynthia Schlaepfer doesn't go to classes on campus, but she is taking a course at Cornell through the Home Study Program. She works for Kroger Food Markets in Columbus, Ohio. As part of its management training program the company asked Cynthia to take a course by correspondence with Cornell.

The Home Study Program was begun in 1964 as the result of requests from the food marketing industry for help with personnel training programs. Since then, nearly 100,000 people have become students in Cornell Home Study courses.

Eighteen non-credit courses are offered by the Home Study offices in Warren Hall. Each course has a text and study guide which includes work sheets to be filled out and returned to Cornell for correction.

About 7,000 people have enrolled so far this year for personal or professional improvement, according to George Hayward, who heads the program. The students are taking such courses as Economics for Business, Customer Relations, Food Warehousing and Transportation, Effective Communication, Store Security. Each course has from six to nine assignments and the students have a year to complete the assignments which are corrected by Cornell faculty.

A certificate is given to the student when the course is completed; those who complete five courses receive honor awards



The Home Study Program staff is made up of (back row): George 'Bud' Hayward, director, Robert Nolan, Gloria Pidduck; (second row) Sue Corbin, Sharon Kemm, Betty Edds, Willard Hunt, Nancy Campbell, Gene German, and seated, LouAnn Marks.

and the opportunity to earn scholarships to study on campus for a year.

Robert Nolan is marketing specialist, selling the courses to companies. Hayward and Gene German are company contacts, providing current information on the program.

The courses are constantly being revised to keep them up to date. Betty Edds is in charge of revisions in the texts and accom-

panying guides. She says the courses generally have a five-year life before needing to be revised. Edds also coordinates authors

and publishing schedules. The authors of the texts are experts in the food industry or at Cornell. Other members of the staff

deal with the mail — incoming lessons, requests for enrollment, sending course material to new enrollees, and certificates of completion.

The food industry continues to be involved. The members of the advisory board, which helps select new courses and offers suggestions for improved instruction techniques, are from 12 companies such as P&C, The Great A&P Tea Co., Inc., Star Market Company, and Dominion Limited in Canada.

Many companies use the Home Study courses on a seminar basis, enrolling a group of employees in the same course and running it as a workshop.

Hayward says that about 60 percent of those enrolled complete the courses which at present has a tuition of \$35, to be increased to \$40 on January 1, 1979. Although Cornell does not give credit for the Home Study courses, several other colleges often do.

Hayward points out that the program is unique in the United States and Canada (some courses are designed specifically for the Canadian students).

For Cornell the Home Study program is part of the continuing education concept; for the students it is an opportunity to learn while employed full time, and like Cynthia Schlaepfer, move ahead; for the industry it is an organized way of supplementing training programs, Hayward points out.

Elizabeth Helmer

FEATURE

Brief Reports

Edelman to Rutgers

Hendrik Edelman, assistant director of University Libraries since 1970, has been named head of the Rutgers University library system starting Jan. 1.

Edelman was born and educated in the Netherlands, coming to this country in 1967

as university bibliographer for a consortium of libraries centered at Vanderbilt University. While there he earned a master's degree in library science at George Peabody College in 1969. He came to Cornell from Vanderbilt.

David A. Sauer, former director of site services at Fermi National Accelerator Laboratory, Batavia, Ill., has been named director of facilities at Cornell by Robert M. Matyas, vice president for facilities and business operations.

Sauer, 48, will be responsible for the Departments of Design and Project Management, Main-

tenance and Service Operations, and Buildings and Grounds Care.

Matyas said, "Sauer brings a broad perspective of facilities management to Cornell from a unique research environment."

During the past four years at Fermilab, Sauer was responsible for the 6,800-acre site, the roads, the janitorial, buildings

maintenance and operations, security, communication systems, fire department, and facility contracts.

Before joining Fermilab, Sauer was the director of construction management at Indiana University and was responsible for construction throughout the state system from 1966 to 1974.

Astronomy Open Houses

Cornell's Astronomy Club is sponsoring open houses at the University's Fuertes Observatory (near Helen Newman Hall) on clear Friday nights during the academic year. Observing hours are from 8 to 11 p.m., but the observatory sometimes is open earlier or later in order to observe objects of special interest.

Club members, primarily undergraduates, are available during the open houses to describe

constellations, planets, the moon and other celestial objects viewed through the observatory's 10-inch reflecting and refracting 12-inch telescope. Money for the club to complete installation of the 10-inch telescope was provided by the Student Finance Commission.

To check on observing conditions, contact the observatory on Friday evenings at 256-3557.

Trustees Cancel

The meeting of the Executive Committee of the Board of Trustees, scheduled for Nov. 14 at 2 p.m. in New York City, has been canceled, according to Neal R. Stamp, University counsel and secretary of the corporation.

"As of the agenda deadline, there did not appear to be

enough significant agenda items to make the meeting worthwhile," Stamp said.

The Investment Committee meeting and other trustee committee meetings scheduled for that date will still be held, he said.

A new service, daily pre-recorded forecasts from the U. S. Weather Bureau, is now being provided by the University.

By calling 256-6567, persons

can get both the day's weather picture plus extended predictions for the Upstate area.

In the event of rapid changes in weather, such as the sudden

appearance of a winter squall (ugh), the Atmospheric Sciences unit will supplement the recorded messages with its own up-to-the-minute weather analysis.

New Weather Service

Thin Sports Schedule

Although the only home event scheduled this weekend is a freshman football game, this is the week for staff and faculty members to make their move on Employee Day tickets.

This week's activity includes a

freshman football game with Bucknell at 4:30 p.m. Friday, a change from the scheduled time of 7:30 p.m.

Employee Football Day tickets for both the game with Penn on Nov. 18 (at \$1 each, maximum

of four per employee with the special coupon in paychecks) and chicken barbecue before the game (at \$1.25 each) are available through this Friday at the Teagle Hall ticket office.

Porpoise Dissection

A harbor porpoise that washed ashore at the University's Shoals Marine Laboratory on Appledore Island in the Gulf of Maine this summer will be dissected by a team of Cornell biologists at 4:30 p.m. Tuesday, Nov. 14, in B-38 Morrison Hall.

The porpoise, which has been frozen since the summer, will be dissected by Howard E. Evans,

chairman of the Department of Anatomy in the College of Veterinary Medicine; John Heiser, lecturer in ecology and systematics; Brian McNab of the University of Florida, who is a visiting professor in ecology and systematics this semester, and Alastair Watson, veterinarian and graduate student in anatomy at the College of Veterinary Medicine.

Arthur H. Nilson, a member of the Cornell University College of Engineering faculty since 1956, is serving the first year of a five-year term as chairman of the Department of Structural Engineering. He succeeds Richard H. Gallagher, who assumed the deanship of the College of Engineering at the University of Arizona this fall.

An authority on reinforced and prestressed concrete structures, Nilson is the author of numerous articles on the subject and two books: "Design of Concrete Structures," a widely used text-

book in its eighth edition, and "Design of Prestressed Concrete," a 526-page book, published this summer.

He holds a three-year appointment as a visiting professor-at-large at the University Salford in England, which provides for a week residence at Salford each year. In the spring of 1975 he was a visiting research professor at the Politecnico di Milano in Italy.

He received his B.S. degree from Stanford University in 1948, his M.S. from Cornell in 1954 and his Ph.D. from the

University of California at Berkeley in 1967.



Need a Graphic? Artists Available at Several Spots

Having a party and need invitations? Or, giving a talk and need some graphics to illustrate a point? Want illustrations for a thesis or a sign for your dorm? Come to ARC (Uris Library, 6-4199) for information about graphic services at Cornell. Or, drop in at the Copy Center/Straight Graphics, 520 Willard Straight Hall, 11 a.m. to 5:30 p.m. The Copy Center also has information on how to locate graphic artists. The phone number is 2563627.

The Professional Skills Roster also keeps a list of graphic artists for referral. It is located at 308-310 Sheldon Court, 410 College Ave. The phone is 256-3758. The Roster is open from 9:30 a.m. to 12:30 p.m.,

Monday through Friday.

One of the services listed at ARC is Visual Communications in Media Services. They do the graphic art work for faculty, staff, and professionals in Human Ecology, Agriculture and Life Sciences, the Veterinary School and Industrial and Labor Relations as well as some work for the same group in the endowed colleges. Visual Communications is located at 492 Roberts Hall, 256-3126.

ARC is updating its list of graphic artists for referral. If you can do calligraphy, design, illustration, cartoons, silkscreen, lettering, etc., fill out the form below and return it with a small example of your work to the Academic Resources Center in the lobby of Uris Library.

NAME: _____

ADDRESS: _____

PHONE: HOME _____ OFFICE _____

SPECIALTIES: _____

RATES: _____

Liu Given Huber Prize In Chicago

Philip La-Fan Liu, assistant professor of civil and environmental engineering, was awarded a Walter L. Huber Civil Engineering Research Prize from the American Society of Civil Engineers at its annual convention last month in Chicago.

He received the prize for "his research on wave hydromechanics and its related engineering problems including coastal currents and shoreline processes; on the development of procedures and computer programs for nonlinear free surface flow problems in ground water and water waves."

Liu is a graduate of the National Taiwan University and earned a doctorate from the Massachusetts Institute of Technology in 1974. His research interests are centered on coastal engineering and on the development of numerical techniques for solving free surface flow problems.

Liu was a visiting assistant professor, working on sponsored research of nearshore currents, at the Department of Civil Engineering, University of Delaware during the fall semester of 1977. Recently, he was awarded a Justice Foundation Award by the College of Engineering at Cornell for his excellence in teaching and research as an assistant professor.

Volunteering Can Be a Help In Identifying Job Areas

Every Cornell student faces the tough question: what kind of a job do I want and how do I go about getting it? Whether that decision is far away or very close, volunteering is a useful tool available to all. CIVITAS can find you an unpaid job in almost any broad career area you can name, and the experience of talking to and working beside professionals in the field will help you sort out the options. Suppose you're already sure what your career goal is, where does volunteering fit in? Experience is experience, paid or unpaid; your resume will be far richer and more impressive; and a job well done entitles you to a recommendation from someone other than your professor who has seen what you can do on the job day by day. To prospective employers, or graduate school admissions officers, this is an important added dimension in their assessment of your capabilities.

BECOME A PROFESSIONAL COMMUNITY ORGANIZER WITH ACORN
ACORN (Association of Community Organizations for Reform Now) is a multi-state membership organization of low to moderate income families who work in affiliated neighborhood groups on whatever issues members determine they want to tackle; ACORN members often work on, and win lower utility rates, better health care, fairer taxes, and a whole range of neighborhood improvements from winning parks to better street lighting. The goal of ACORN is to organize a majority constituency the first seventy per cent on the economic ladder, to win social, political and economic justice.

All organizers receive extensive apprenticeship style training in the ACORN model of neighborhood organizing. Trainees conduct an organizing drive, learning how to build a neighborhood group from scratch, develop leadership, recruit members, research and develop strategy on local issues.

ACORN recruiters will be on the Cornell campus Tuesday, Nov. 14. Contact CIVITAS or the Career Center for an interview.

FRIENDS FOR FOREIGN STUDENTS

Foreign students enrolled in TOEFL (Test of English as a Foreign Language), an intensive English program offered at Cornell and other U.S. universities, often find themselves isolated from Americans. They tend to share housing with others from their native land and spend 20-25 hours a week studying English. Their contacts with Americans are extremely limited at the time they most need someone with whom to speak English and from whom they can learn informally about life in the United States.

CIVITAS is seeking Cornell students interested in sharing a few hours a week with TOEFL students as friends and patient listeners. If you can help, either now or during the second semester, give us a call at CIVITAS or stop in at 125 Anabel Taylor Hall.

TO RESPOND: PLEASE CALL CIVITAS, (256-7513), Monday through Friday, 10-2, or drop by 125 Anabel Taylor Hall during these hours. Funded in part by the Student Finance Commission and open to the entire Cornell community.



Special Seminars

Agriculture and Life Sciences

AGRICULTURAL ENGINEERING ENERGY SERIES: "Infrared Thermography in a Physical Plant Setting," Robert Clawson, energy conservation officer, 12:20 p.m., Friday, Nov. 17, RileyRobb 400.

AGRICULTURAL ENGINEERING WASTE MANAGEMENT SERIES: "Cost Effectiveness of Manure Management Practices to Reduce Pollutant Loading — Results from the Cornell/DEC BMHP Project," Paul D. Robillard, 3:30 p.m., Friday, Nov. 10, Riley-Robb 105.

POMOLOGY: "Influence of Cultural Practices and Environment on Early Fruiting of 'Heritage' Raspberry," Larry S. Lockshin, 11:15 a.m., Monday, Nov. 13, Plant Science 114.

VEGETABLE CROPS: "Is Hydroponics Feasible as a Practical Method for Commercial Greenhouse Vegetable Production?" P. Anne Schippers, Long Island Horticultural Research Laboratory,

Riverhead, 4:30 p.m., Thursday, Nov. 9, Plant Science 404. Arts and Sciences

CHEMISTRY: "Some Hows and Whys of Organic Chemistry Research at Cornell," Barry K. Carpenter, 8 p.m., Thursday, Nov. 9, Baker Lab 135.

CHEMISTRY: "Chemistry and Lasers," Paul L. Houston, 8 p.m., Monday, Nov. 13, Baker Lab 219.

PSYCHOLOGY: "Neural Lateralization of Vocalization in Birds and Other Species," Fernando Nottebohm, Rockefeller University, 4 p.m., Monday, Nov. 13, Uris Hall 202.

PSYCHOLOGY: "A Study of Sex Differences: Hormones and Behavior," Carol Jacklin, Stanford, 4 p.m. Wednesday, Nov. 15, Uris Hall 202.

Biological Sciences

BIOCHEMISTRY: "Mechanisms for the Transfer across Membranes of Newly Synthesized Proteins," G. Blobel, Rockefeller University, 4:30 p.m., Friday, Nov. 10, Stocking 204.

NEUROBIOLOGY AND BEHAVIOR: "Sexual Selection in Neotropical Hyliid Frog," A.G. Kluge, University of Michigan, 12:30 p.m., Thursday, Nov. 9, Langmuir Penthouse.

PLANT PHYSIOLOGY: "The Mechanism of Sucrose Loading into the Phloem," Robert Giaquinta, DuPont Experimental Station, 11:15 a.m., Friday, Nov. 10, Plant Science 404.

Centers and Programs

COMPUTER SERVICES: "FORTRAN Dumps and Debugging," D. Bartholomew, 3:30 p.m., Friday, Nov. 10, Uris Hall G-14.

MINI/MICRO COMPUTER SERVICES: "Teaching a Mini Computer to Talk," Sue Hertz, modern languages, 4:30 p.m., Wednesday, Nov. 15, Uris Hall G-14.

Engineering

CHEMICAL ENGINEERING: "Applications of Computer Simulation to the Study of Solids and Liquids," Michael Klein, National Research Council, Ottawa, 4:15 p.m. Friday, Nov. 10, Olin Hall 145.

MATERIALS SCIENCE AND ENGINEERING: "Migration of Interfaces in Solids," J.W. Cahn, National Bureau of Standards, 4:30 p.m. Thursday, Nov. 16, Bard 140.

OPERATIONS RESEARCH: "Asymptotic Theory of Inference for Stochastic Processes," I.V. Basawa, LaTrobe University and Cornell, 4:30 p.m., Tuesday, Nov. 14, Upson 305.

PLASMA STUDIES: "Heavy Ion Ignited Inertial Fusion," Irving Haber, U.S. Naval Research Laboratory, 4:30 p.m., Wednesday, Nov. 15, Grumman 282.

THEORETICAL AND APPLIED MECHANICS: Members of TAM faculty will outline their own research interests, 4:30 p.m. Wednesday, Nov. 15, Thurston 205.

Industrial and Labor Relations

ORGANIZATIONAL BEHAVIOR: "Worker Participation or Industrial Democracy?" Bernard Bass, SUNY, Binghamton, 12:15 p.m., Wednesday, Nov. 15, ILR Faculty Lounge.

Nutritional Sciences

NUTRITION: "Monitoring Community-Directed Intervention in Cardiovascular Health," Barry Emonston, 4:30 p.m., Monday, Nov. 13, Savage 100.

Veterinary Medicine

MICROBIOLOGY/PATHOLOGY: "Transmissible Antibiotic Resistance in Bacteroides," Francis L. Macrina, Virginia Commonwealth University, 12:15 p.m., Monday, Nov. 13, Vet Research Tower G-3.

Career Center Calendar

Nov. 9 — Council on Legal Education Opportunity is holding an information session for pre-law students. Sponsored by the Minorities Undergraduate Law Society. 4 p.m., Multipurpose Room, North Campus Union.

Nov. 9 — Vanderbilt Law School representative talking with interested students at the Career Center. Check with us for an appointment (256-5221).

Nov. 9 — "Experience through Volunteering," a joint program with the Career Center and CIVITAS. 3:30 p.m., Uris 202.

Nov. 9 — Information session about graduate management admissions. 4 p.m., Malott 224.

Nov. 10 — Resume Critique. 12:20 p.m., Career Center. Sign up in advance.

Nov. 13 — "Careers in Banking: Corporate and International" 12:20 p.m., Living room, Sage Graduate Center. Brown bag lunchers welcome.

Nov. 14 — Resume critiques. 3 and 3:45 p.m., Career Center.

Nov. 14 — "A Day in the Life of a Medical Student." 4:30 p.m., Career Center.

Nov. 14 — "The Job Hunt: How to go about finding a rewarding job." First of a two-part series. 4:35 p.m., Uris G92. The second part will be held on Nov. 16, same time, same place.

Nov. 15 — "Alternatives to Teaching for Ph.D.'s." 3:35 p.m., Career Center. Sign up in advance.

Nov. 16 — Colgate M.A.T. Program will interview prospective students. Career Center. Call for an appointment.

Nov. 16 — A representative from the World Bank will hold an information session for people who will receive an M.B.A. or a bachelor's degree in economics or agricultural economics, 4 p.m., Ives 117. Individual interviews will be held Nov. 17. Call the Career Center to sign up.

Nov. 16 — "A Day in the Life of a Medical Student." 4:30 p.m., Career Center.

Bulletin Board

Right to Eat

The Coalition for the Right to Eat is planning a week of educational events about world hunger. On the program are: "World Hunger and U.S. Public Policy," conversations with Matt McHugh at 7:30 p.m., Thursday, Nov. 9, in Kaufmann Auditorium; exhibits, movies and slide shows 10 a.m. to 5 p.m. Thursday, Nov. 16 in the Memorial Room, Willard Straight Hall; the movies "Controlling Interests" and "Bottle Babies" in Uris Auditorium Nov. 16. Also, a fast is being planned for Nov. 16.

Changing Sex Roles

"Changing Sex Roles in a Changing Society" is the topic of a workshop being conducted by Sandy Stein, counseling coordinator for the Office of the Dean of Students, at 7:30 p.m., Wednesday, Nov. 15 in Sage Hall Lounge. All Cornell students and/or spouses are welcome. For further information, call Deborah Cohen at 256-4223.

Focus on Health

The second session of Focus on Health will be on "Childbirth, Naturally" at 7:30 p.m., Tuesday, Nov. 14. The program, for Cornell students and spouses, will include presentations by the Childbirth Education Association and the La Leche League. The Focus on Health sessions are held Tuesday evenings at Brown Center, Hasbrouck Apartments. For further information, call Deborah Cohen at 256-4223, or Fran Doney at 256-5333.

Graduate Bulletin

Students planning to complete requirements for a January degree are reminded that the deadline for meeting all requirements is Jan. 12, 1979. Students should keep in mind that the University offices, including the Graduate School, will close Friday, Dec. 22, and will not reopen until Tuesday morning, Jan. 2.

Applications for the following National Science Foundation Fellowship programs are available at the Fellowship Office, 116 Sage Graduate Center, or by writing to the Fellowship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC 20418. Deadlines are rapidly approaching!

1. NSF Graduate Fellowships deadline: Nov. 30.
2. NSF Minority Graduate Fellowships, deadline: Dec. 8. Eligible graduate students who wish to apply for NSF Doctoral Dissertation Improvement Grants should contact the Office of Sponsored Programs, 123 Day Hall, 6-5014, for information.

Students are encouraged to consult the Fellowship Notebook at their Graduate Faculty Representative's office for information on external fellowship awards for 1979-80. Your surest guarantee of support next year is your own outside award.

Students Receive Prizes

Engineering

Cornell engineering students walked away with the largest share of \$23,800 in prize money awarded in the 1978 nationwide design competition sponsored by the James F. Lincoln Arc Welding Foundation.

In all, 47 students from 17 institutions received prizes. Seven Cornell students won a total of \$3,000 of which \$1,000 was for their respective departments and \$2,000 for themselves.

Sergio Neyeloff won a first prize worth \$1,250 for the design and development of a direct wind energy converter to heat water by agitation. His work was done as a graduate student in the Department of Agricultural Engineering in the New York State School of Agriculture and Life Sciences at Cornell. In addition to the \$1,250 prize for Neyeloff, the department received a \$250 award.

Six undergraduate students shared three fourth-place awards worth \$250 each. Their departments received matching awards totaling \$750.

Jon J. Kangos and Geoffrey S.

Conway won their award for designing a trussed cable roof for an ice hockey rink. James B. Holloway and Mark C. Imgrund described the design of a tied arch bridge. Andre Martecchini and George M. Lutz designed a cable stayed bridge. All were graduated from the School of Civil and Environmental Engineering at Cornell last June.

Falk

Deborah Dickason Falk, a 1978 graduate of the College of Arts and Sciences, has been awarded a Rotary Foundation Fellowship from the Rotary Foundation of Rotary International for the 1979-80 academic year. She plans to study Japanese literature at Kobe University, Kobe, Japan.

Falk, originally from Ithaca, is now living in Seattle, Wash. where her husband is employed by the Boeing Co.

The objective of the Rotary Foundation through its educational awards is to further understanding and friendly relations among people of different nations. The awards underwrite the full cost of study abroad, paying

for intensive language instruction, travel, lodging and food, in addition to tuition, books and laboratory fees.

Anyone interested in learning more about qualifications for an award from the Rotary Foundation should contact Francis W. Saul, chairman, International Service, Ithaca Rotary Club, 256-5290.

Meggesto

Laurel Meggesto of Nedrow, a freshman in the College of Arts and Sciences, was elected to the board of directors of the National Indian Education Association at its recent convention in Niagara Falls.

The NIEA, the only American Indian education association in the United States, has some 2,000 members involved with the education of American Indians in this country.

Meggesto, 16, was the youngest member of a New York State advisory committee on Indian education while she was a student at Bishop Ludden High School in Syracuse. She makes her home on the Onondaga Indian Reservation.



Calendar

Continued from Page 12

Friends will facilitate. Everybody welcome to join in. Anabel Taylor Forum.

8 p.m. *Cornell Cinema presents "Ziegfeld Follies of 1946." Astaire/Rogers Series. Uris Hall Auditorium.

Thursday, November 16

11:15 a.m. Baker Lecture Series: "Cryptates: The Chemistry of Macropolycyclic Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts. An Approach to the Chemistry of the Intermolecular Bond." Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France. Baker 200.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

12:15 p.m. Women's Studies Graduate/Faculty Colloquium: "Our Need to Control: Reflections on the Nature of the University." Richard Baer, Natural Resources, Project on Environmental Values. Uris Hall 494.

3 & 8:30 p.m. Alternatives Library Tape of the Week: "The Alpha and the Omega." Bhagawan Shree Rajneesh. A masterful discourse on discipleship, God realization, human nature and more. Discussion to follow. Anabel Taylor 122.

4 p.m. General information meeting regarding graduate study in management. Sponsored by the Office of Admissions and Student Affairs of the Graduate School of Business and Public Administration. Malott 224.

4:30 p.m. Bethel Lecture: "What in the World Is Going On In Our Sun?" Robert H. Dicke, Albert Einstein University Professor of Science, Princeton University. Clark 700.

4:30 p.m. Microbiology Seminar: "Bacterial Mutagenesis and Carcinogenicity." Graham Walker, Massachusetts Institute of Technology. Stocking 124.

4:30 p.m. Marathon Series Lecture: "Reality Sandwiches." Helen MacDonald. Current nutritional information, theories and misinformation. Martha Van Rensselaer N207.

4:40 p.m. Debye Lecture Series: "III. Expose of SimpleMinded Experimental Approaches to II." B.S. Rabinovitch. University of Washington. Baker 200.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

7-9 p.m. Term Paper Clinic--Social Sciences. First hour: how to find material in the library; second hour: how to write the paper. Sign up at the reference desk. Uris Instruction Center, Uris Library.

7:30-9 p.m. Be a Better Helper/Listener III: "Resources and Referrals." Grads for Grads and EARS. Sage Living Room.

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

8 p.m. Finger Lakes Group of Sierra Club Lecture: "Challenge In The Adirondacks--Olympics, Bulldozers and Other Issues." Gary Randorf, Adirondack Council. Laboratory of Ornithology. Rides from Willard Straight at 7:30 p.m.

8 p.m. CUSLAR free films: "Controlling Interest" and "Bottle Babies." Free and open to the public. Uris Hall Auditorium.

8:15 p.m. *Faculty Committee on Music presents Murray Perahia, pianist. Works of Beethoven, Chopin, Schubert. Bailey Auditorium.

8:15 p.m. *Department of Theatre Arts presents "Keep Your Eye on Emily" by Georges Feydeau. Straight Theatre.

Friday, November 17

9 a.m. City and Regional Planning Lecture: "The Adirondacks as a Critical Area." Gary Randorf, Adirondack Council. West Sibley 115.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

12:15 p.m. Women's Studies Friday Seminar: "La questione femminile: Women and Feminism in Contemporary Italy." Karen Beckwith, Political Science, Syracuse University. I&LR Conference Center 105.

12:15 p.m. Alternative Agriculture Bag Lunch Seminar: "The Role of Transnational Corporations and Others in the

Decline of Breast Feeding." Michael Latham, International Nutrition. All welcome. Sponsored by CRESA and Rural Sociology. Warren 32.

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

3:30 p.m. Department of English Lecture: "Wordsworth and the Language of the Dream." Mary Jacobus, English Department and Fellow of Lady Margaret Hall, Oxford. A.D. White House.

4:15 p.m. Coalition for the Right to Eat alternating business and learning exchange meeting. Anabel Taylor Forum.

5:30 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

5:30 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Shabbat Services (Orthodox). Young Israel.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7 p.m. *Greek-Turkish Friendship Night with music, dance, poetry and food from both nations. Sponsored by Turkish and Greek Student Associations. Big Red Barn.

7:30 p.m. Cornell Christian Fellowship meeting for prayer, singing and teaching. All welcome. Morrill 106.

7:30 p.m. Pentangle II Free Film Series presents "Os Fuzis" (Guerra, 1963, Brazil); short: "Funeral of Jan Palach" (anon., 1969, Czechoslovakia). Uris Hall Auditorium.

7:30 p.m. *Cornell Varsity Soccer-Pennsylvania. Schoellkopf.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

8 p.m. *Cornell Concert Commission in cooperation with John Scher and WVBR present "Boston." Barton.

8:15 p.m. *Cornell Savoyards present Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

8:15 p.m. Department of Music presents Cornell Chamber Orchestra conducted by Edward Murray with soprano soloist Mimmi Fulmer. Works of Haydn and Mozart. Barnes Auditorium.

8:15 p.m. *Department of Theatre Arts presents "Keep Your Eye on Emily" by Georges Feydeau. Straight Theatre.

9:45 p.m. *Cornell Cinema presents "Julia." Uris Hall Auditorium.

10 p.m.-2 a.m. Tammany Niteclub with live music and refreshments. Risley.

12 midnight. *Cornell Cinema presents "Alice's Restaurant." Uris Hall Auditorium.

Saturday, November 18

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

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

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

4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

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

6 p.m. *EID Dinner. Everyone welcome. Sponsored by Muslim Student Association. Anabel Taylor One World Room.

7 & 9:45 p.m. *Cornell Cinema presents "Julia." Uris Hall Auditorium.

7 p.m. Cornell Dungeons and Dragons. Upson 111.

8 p.m. *CUSLAR and University Unions Program Board present "False Promises" with the San Francisco Mime Troup in a dramatic Musical. Bailey Auditorium.

8:15 p.m. *Cornell Savoyards present Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

8:15 p.m. *Department of Theatre Arts presents "Keep Your Eye on Emily" by Georges Feydeau. Straight Theatre.

9 p.m.-1 a.m. North Campus Union Board and Program Board present "Crossroads" and hustle lessons. North Campus Union first floor lounge.

10 p.m.-2 a.m. Tammany Niteclub presents live music and refreshments. Risley.

12 midnight. *Cornell Cinema presents "Alice's Restaurant."

Uris Hall Auditorium.

Sunday, November 19

9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff, and families welcome. Church School and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

10:45 a.m. The Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church School prior to service at 9:30 a.m. 109 Oak Avenue.

11 a.m. Sage Chapel Convocation: Catherine De Hueck Doherty, Lay Apostolic Movement of Catholic Action (Friendship House), Combermere, Ontario, Canada.

11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.

1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Straight Loft 2.

1 p.m. Medieval fighting practice. Risley front lawn weather permitting.

2 p.m. *Cornell Cinema presents "The Circus." Cosponsored with Ithaca Youth Bureau. Uris Hall Auditorium.

2 p.m. *Cornell Savoyards presents Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

3:30 p.m. Society for Creative Anachronism meeting and medieval dance practice. All welcome. Risley Dining Hall.

4 p.m. Collegium Musicum conducted by John Hsu. Works of Byrd, Purcell and other English composers. Barnes Auditorium.

8 p.m. *Cornell Cinema presents "Partner." Uris Hall Auditorium.

Exhibits

Olin Library, History of Science Collections: "Thomas Bewick, 1753-1828: Wood Engraver and Artist of Natural History and British Rural Life. 150th Anniversary of His Death." Nov. 1 through Nov. 30. Olin Library 215.

Olin Library, Department of Manuscripts and University Archives: Documents belonging to the collection of papers of Francois-Jules Harmand (1845-1921). Harmand spent many years in Southeast Asia first as explorer, later as representative of the French Government. The exhibit includes hand-drawn maps, photographs and copies of diplomatic appointments and letters, through December.

Herbert F. Johnson Museum of Art: "Architecture+ Media: Visual Communication in Environmental Design," through Nov. 5; "William Baziotis: A Retrospective Exhibition," through Dec. 10; "Lessons in Print Collecting," through Nov. 12; "Prints for Purchase," Nov. 15 through Dec. 17; Art Insights: Making Senses Workshops, through Nov. 11. Register at the Museum desk or by calling 256-6464.

Olin Library: "EQUUS: The Horse and Civilization." For 5,000 years the horse has served man at work, war, sports and pleasure, through December.

Uris Library: "Main Street, The Heart of the American Town." Photographs of Upstate New York by Milo Stewart for the New York State Council on the Arts, through Dec. 15.

Announcements

Swimming: Team Championship--Men, Women. The deadline on entries is Friday, Nov. 10 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. Trial heats: Wednesday, Nov. 15 at 5 p.m. in Teagle Pool. Finals: Thursday, Nov. 16 at 5 p.m. in Teagle Pool. Each team will be limited to 2 contestants in each event, with each contestant being allowed to compete in 2 events besides the relay.

Fall Fling Weekend Festival: sponsored by Cornell Gay Liberation, Nov. 9-12. Call 24-hour phone for details, 256-6482.

Calendar

November 9-19

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

* Admission charged

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

Thursday, November 9

10 a.m.-3:45 p.m. Alpha Phi Omega, National Service Fraternity, Blood Drive. Some walk-ins will be accepted. Straight Memorial Room.

11:15 a.m. Baker Lecture Series: "Cryptates: The Chemistry of Macropolymeric Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts. An Approach to the Chemistry of the Intermolecular Bond." Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France. Baker 200.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.
12:15 p.m. Women's Studies Graduate/Faculty Colloquium: "Genes, Hormones and Gender." Elizabeth Adkins, Psychology. Uris Hall 494.

3 & 8:30 p.m. Alternatives Library Tape of the Week: "The Native American Way." The 'White Roots of Peace' warmly discuss the trials of being a native American. Discussion to follow. Anabel Taylor 122.

4 p.m. Society for the Humanities and Department of English Lecture: "The Non-Literary Style of American Poetry." Frederick Buell, English, Queens College, CUNY. Andrew D. White House.

4 p.m. General information meeting regarding graduate study in management. Sponsored by the Office of Admissions and Student Affairs of the Graduate School of Business and Public Administration. Malott 224.

4-5 p.m. Antibody Club Seminar: "Ediopathogenesis of Systemic Lupus Erythematosus." R.M. Lewis. James A. Baker Institute for Animal Health.

4:30 p.m. Microbiology Seminar: "The Physiology and Genetics of a Sucrose Phosphotransferase System in *Streptococcus Mutans*." Edward St. Martin, Laboratory of Microbiology and Immunology, National Institute of Dental Research, Bethesda, Maryland. Stocking Hall 124.

4:30 p.m. Astronomy and Space Sciences Colloquium: "Lighthouse Beams or Loose Connections: Microstructure in Pulsar Signals." James M. Cordes, University of Massachusetts, Amherst. Space Sciences 105.

4:30 p.m. Public Lecture: "Statistical Analysis and Interpretation of Genetic Data on Jewish Populations." Samuel Karlin, A.D. White Professor-at-Large, Stanford University. Goldwin Smith Kaufmann Auditorium.

4:30 p.m. The Marathon Series presents "Medical Nemesis and the Pharmaceutical Complex." Phil Cornell, Cornell. Martha Van Rensselaer N207.

4:45 p.m. Campus Council meeting. Clark 701.

7 p.m. Noyes Center Board and Noyes Center Program Board present a Micro-lab: "Women for a Safer Community: Rape Awareness." University Hall 3, main social lounge.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

7:30 p.m. Organizational meeting for Deskbook '83. Uris Hall G-94.

7:30 p.m. Conversations with Congressman Matt McHugh on world hunger and U.S. policy, an informal discussion. Sponsored by Coalition for the Right to Eat. Goldwin Smith Kaufmann Auditorium.

7:30 p.m. Independent Filmmakers at Cornell and Pentangle present film showings and discussion with visiting filmmaker Ken Jacobs. Morrill 106.

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

7:30 p.m. Cornell Gay Liberation Lecture: "Homosexuality and the Catholic Church." Thomas Koester. Straight North Room.

7:30-9 p.m. Be a Better Helper/Listener: "Helping Skills and Techniques." Grads for Grads and Ears. Sage Living Room.

8 p.m. Department of Classics Lecture: "Stoicism and its Authorities." A.A. Long, Classics, Liverpool University. Goldwin Smith 221.

8 p.m. Cornell Graduate Christian Forum Fall Lecture: "Literature in an Apocalyptic Age." David L. Jeffrey, English, University of Victoria. Goldwin Smith "D."

8 p.m. Plant Pathology Colloquium: "The Ecology and Control of Soil Borne Plant Pathogens." R. James Cook, Research Plant Pathologist, USDA Regional Cereal Disease Laboratory, Washington State University. Plant Science 404.

8:15 p.m. Fall Festival Week--Contemporary Music: Madison String Quartet. Works of Schoenberg, Krenek, Morrill. Barnes Auditorium.

8:15 p.m. * Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

8:15 p.m. * Department of Theatre Arts presents "Viet Nam Revisited." Lincoln Drummond Studio.

8:30-11 p.m. Willard Straight Program Board presents Thursday's Coffeehouse with "Fall Creek." Straight Memorial Room.

9 p.m.-1 a.m. Jack Daniels Night. North Campus Thirsty Bear Tavern.

9:30 p.m. Hillel Council meeting. Anabel Taylor G-34.

Friday, November 10

8 a.m.-4:30 p.m. Marine Corps Birthday. Barton.

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12:15 p.m. Alternative Agriculture Bag Lunch Seminar: "Corporate Control of American Agriculture: the Dilemma, the Prospects." Sam Salkin, Rural Economic and Social Development, Cornell. Slide show and discussion. All welcome. Sponsored by CRESP and Rural Sociology. Warren 32.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

12:15 p.m. Women's Studies Friday Seminar: "What It's Like to Move Into a Man's Job." Eleanor Lundy Rice, University Registrar, Cornell. I&LR Conference Center 105.

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

2:30 p.m. Department of Classics Seminar: topic to be announced, A.A. Long, Classics, Liverpool University. Goldwin Smith 283.

4 p.m. Society for the Humanities Colloquium: "The Fame of the West in the East and the East in the West." James Boon, Anthropology, Faculty Fellow, Society for the Humanities. Andrew D. White House.

4 p.m. Fall Festival Week-Contemporary Music Lecture: "Piano Trio" (1958), Robert Palmer. Lincoln 116.

4:15 p.m. Coalition for the Right to Eat alternating business and learning exchange meeting. Anabel Taylor Forum.

4:30 p.m. University Lecture: "A Technologist Looks at Anti-Technology." Part III: "Democratic Control of Technological Progress." Arthur Kantrowitz, chairman, AVCO Everett Research Laboratory, Inc. Uris Hall Auditorium.

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

6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Shabbat Services (Orthodox). Young Israel.

7 p.m. Shabbat Dinner with President Rhodes as speaker. Reservations must be made with payment in the Hillel Office, by Wednesday, Nov. 7, Anabel Taylor G-34.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7-10 p.m. "How to be More Relaxed," free workshop sponsored by CRESP and IRIM. Anabel Taylor Chapel.

7:30 p.m. Pentangle II Free Film Series: "To Be or Not To Be" (Lubitsch, 1942, U.S.); short: "Student Demonstrations" (Zilnik, 1970's, Yugoslavia). Uris Hall Auditorium.

7:30 p.m. * Cornell Freshman Football-Bucknell. Schoellkopf.

7:30 p.m. Cornell Christian Fellowship meeting for prayer, singing and teaching. All welcome. Morrill 106.

7:30 p.m. Cornell Bible Research Group Lecture: "The Persecution of Evangelical Christians in Quebec." Reverend Hollingshead. Ives 120.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 p.m. Cornell Bible Research Group Lecture: "The Persecution of Evangelical Christians in Quebec." Ives 120.

8 p.m. Cornell Graduate Christian Forum Fall Lecture: "Metahistory: T.H. White and J.R.R. Tolkien." David L. Jeffrey, English, University of Victoria. Goldwin Smith "D."

8 p.m. Society for the Humanities and the Department of English Poetry Reading. Frederick Buell, English, Queens College, CUNY. Andrew D. White House.

8:15 p.m. * Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

8:15 p.m. Department of Theatre Arts presents "Viet Nam Revisited." Lincoln Drummond Studio.

8:15 p.m. * Cornell Savoyards presents Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

8:30 & 11 p.m. * University Unions Program Board and Willard Straight Hall Dining present "Improv III." Straight Ivy Room.

9 p.m. North Campus Board and Program Board presents "Dorm Feud." North Campus first floor lounge.

9:45 p.m. * Cornell Cinema presents "Sleuth." Uris Hall Auditorium.

10 p.m.-2 a.m. Tammany Niteclub with live music and refreshments. Risley.

12:15 a.m. * Cornell Cinema presents "Night of the Living Dead." Uris Hall Auditorium.

Saturday, November 11

8:30 a.m. EID-AL-ADHA (Prayer for Muslims). Anabel Taylor Founders Room.

9 a.m.-9 p.m. "How to be More Relaxed" workshop. Bring a light lunch, catered vegetarian supper will be served. Sponsored by CRESP and IRIM. Anabel Taylor One World Room.

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

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

2:15 p.m. La Tierra Verde Collective of the Coalition for the Right to Eat farm tour of Jim Linton's small diversified farm, the only farm visited that has livestock. For more information, call Rick at 273-1825 or Carol at 272-2996. Meet in front of Anabel Taylor.

4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

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

6 p.m. EID Get Together sponsored by Muslim Student Association. Hasbrouk Apartments Brown Center.

7 & 9:45 p.m. * Cornell Cinema presents "Sleuth." Uris Hall Auditorium.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

8 p.m. Cornell Graduate Christian Forum Fall Lecture: "Fantasy and Release: 2001 and Star Wars." David L. Jeffrey, English, University of Victoria. Goldwin Smith "D."

8:15 p.m. Fall Festival-Contemporary Music presents piano music of Karel Husa by Mary Ann Covert, pianist. Barnes Auditorium.

8:15 p.m. * Cornell Savoyards present Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

8:15 p.m. * Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

8:15 p.m. * Department of Theatre Arts presents "Viet Nam Revisited." Lincoln Drummond Studio.

8:30 p.m. * Cornell Outing Club Square Dance with Roger Knox calling. Straight Memorial Room.

9 p.m. Young Israel Fall Party sponsored by Young Israel of Cornell. 106 West Avenue.

9:30 p.m. North Campus Board and Program Board present "Dorm Feud." North Campus first floor lounge.

10 p.m.-2 a.m. Tammany Niteclub with live music and refreshments. Risley.

12:15 a.m. * Cornell Cinema presents "Night of the Living Dead." Uris Hall Auditorium.

Sunday, November 12

9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Special guest Verna Dozier, a Black Theologian from Washington, D.C. Faculty, staff and families welcome. Church school and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

10:45 a.m. Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

11 a.m. Sage Chapel Convocation: Monsignor John Oesterreicher, Institute of Judaean-Christian Relations, Seton Hall.

11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.

1 p.m. Medieval fighting practice. Risley front lawn, weather permitting.

1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Straight Loft 2.

2 p.m. * Cornell Cinema presents "The Prisoner of Zenda." Co-sponsored by Ithaca Youth Bureau. Uris Hall Auditorium.

2-6 p.m. * "Yoga, Health and Nutrition" workshop. Sponsored by CRESP and IRIM. Anabel Taylor One World Room.

3-5 p.m. Term Paper Clinic. First hour: how to find material in the library; second hour: how to write the paper. Sign up at the Reference Desk, second floor. Mann Library.

3:30 p.m. Society for Creative Anachronism meeting and medieval dance practice. All welcome. Risley Dining Hall.

4 p.m. Fall Festival Week--Contemporary Music presents Philadelphia Trio. Piano trios of Piston, Kirchner, Palmer. Barnes Auditorium.

7 p.m. Hillel Council meeting. Anabel Taylor G-34.

7:30-11 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m.; requests 8:30-11 p.m. All welcome. Straight North Room.

8 p.m. * Cornell Cinema presents "The Golden Coach." Uris Hall Auditorium.

8:15 p.m. * Cornell Savoyards presents Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium.

Monday, November 13

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

12:20 p.m. Agricultural Engineering Seminar: "Nebraska in Perspective." James A. DeShazer, Agricultural Engineering, University of Nebraska, Lincoln.

3:45 p.m. B&PA Women's Association Seminar: "Personal Investment: Alternative Portfolio Strategies." Financial Women's Association of New York. Malott Bache Auditorium.

4 p.m. Jugatae Seminar: "Rearing Black Flies in a Closed System of Water." Rick Brenner, Entomology, Cornell.

7:30 p.m. Yiddish Conversation. Anabel Taylor 314.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 p.m. America and World Community: "America in Relation to the Developing Nations and the Global Village." J. Congress Mbata, Africana Studies. Anabel Taylor One World Room.

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

8-11 p.m. Contra dance with live music. All dances taught. Beginners welcome. Sponsored by Cornell Country Dance Club. Free. Straight Memorial Room.

9 p.m. * Cornell Cinema presents "Animal Farm." Film Club members only. Uris Hall Auditorium.

Tuesday, November 14

11:15 a.m. Baker Lecture Series: "Cryptates: The Chemistry of Macropolymeric Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts. An Approach to the Chemistry of the Intermolecular Bond." Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France. Baker 200.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

3:45-4:45 p.m. Zen Buddhist Meditation Group meeting for meditation. For more information call Tim Larkin at 539-7299. Anabel Taylor Edwards Room.

4-6 p.m. Term Paper Clinic for Humanities. Firsme. Martha Van Rensselaer Auditorium.

7:30 p.m. Graduate Women in Science meeting: "The Future of Women in Science Is?" Group discussion of pros and cons. Martha Van Rensselaer first floor faculty lounge.

8 p.m. * Cornell Cinema presents "Nathalie Granger." Women's Film Series. Uris Hall Auditorium.

Wednesday, November 15

12 noon-1 p.m. "Run F'r Y'r Life" registration and testing. Barton.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G19.

12:30 p.m. Lutheran Eucharist Service. Anabel Taylor G15.

4:30 p.m. Cornell University as an Employer meeting. Agenda topics: employees benefits plan review; nonexempt classification audit status; grievance report. Ives 214.

4:30 p.m. Biological Sciences Seminar: "The Use of Photoacoustic Spectroscopy in Photobiology." Symuel Malkin, Weizmann Institute of Science, Rehovoth, Israel. Clark 700.

4:40 p.m. Debye Lecture Series: "II. Intermolecular Transfer of Vibrational Energy." B.S. Rabinovitch, University of Washington. Baker 200.

5 p.m. Wilderness Reflections Committee meeting. Straight Loft II.

6 p.m. Advanced Hebrew. Anabel Taylor 314.

7 p.m. Beginning Hebrew. Anabel Taylor 314.

7 p.m. Ithaca Friends (Quakers) midweek meeting for worship. Everyone welcome. Those interested in finding out what Friends' meetings are all about are especially invited. Anabel Taylor Forum.

7:30-11 p.m. Cornell Chess Club meeting. Upson 111.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 p.m. America and World Community: "America in Relation to the Developing Nations and the Global Village." J. Congress Mbata, Africana Studies. Anabel Taylor One World Room.

8 p.m. Health Careers Service Organization panel discussion with Cornell University Medical College Admissions Committee. Goldwin Smith Kaufman Auditorium.

8 p.m. Come find out about the Religious Society of Friends. Explore with us in weekly discussions. More experienced

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