



Large families are an asset to the Nunoans because between the ages of 6 and 18, children produce more energy than they consume. To further conserve energy; adults may spend up to 96 per cent of the day in sedentary activities such as weaving or grinding corn.

## Cornellian Reports

### Energy Flow Study Is Tool in Land Planning

Peasant and primitive human groups are as dependent on energy — primarily food energy — as are people in Western industrialized societies.

And, according to Cornell physical anthropologist R. Brooke Thomas, changes in their way of life, imposed by well-intentioned regional or national planners, can disrupt traditional paths of energy flow and alter long-established social and biological adaptations to the environment.

Thomas headed a week-long conference in January sponsored by the National Science Foundation where anthropologists, ecologists, economists, geographers, nutritionists and physiologists from North America and Europe discussed energy flow through human communities.

He summarized the findings of the assembled scientists — whose works spanned such diverse regions as the New Guinea highlands, the New Jersey lowlands, the Canadian Arctic and the Peruvian Andes — during a recent meeting of the American Association for the Advancement of Science.

Thomas' own work over the last 10 years has covered the biological and behavioral adaptations made by the people of southern Peru's Nunoa region to their harsh homeland — an alpine grassland called "puna" which lies just below the permanent snowfields of the Andes Mountains.

In the Nunoa region temperatures drop below freezing

every night and may reach 80 degrees in the afternoon. Because the land is more than two and a half miles above sea level, the people must adjust to 40 per cent less oxygen than people in the lowlands.

The people of the Nunoa region are relatively isolated from the national culture and are largely dependent on their immediate surroundings for support, Thomas explained.

Despite environmental stresses, including a limited

*Continued on Page 9*

## HEW Grant

### Cornell Given \$138,000

New York State's efforts to combat child abuse have been given significant support from the United States Department of Health, Education and Welfare.

"Start-up" funds of \$138,000 will go to the New York State College of Human Ecology, Cornell University, to begin programs aimed at alleviating child abuse and maltreatment in New York State.

Under HEW planning, a total of \$1,017,000 may be used by Human Ecology's Family Life Development Center in a three and a half year effort. The project will demonstrate and test programs that assist local and regional agencies involved in child protection.

The grant is one of eleven given nationally by HEW as part of a federal effort to promote resource centers across the nation designed to enhance community action against child abuse.

The Family Life Development Center was recently established in the College of Human Ecology by the New York State Legislature. The Center is housed in the College's Department of Human Development and Family Studies.

Professor John Hill, chairman of the depart-

ment that houses the Center, described the federal funding as an important step for New York State.

"It gives us an opportunity," he said, "to demonstrate what innovative programs, public awareness, human services training and technical assistance might do to alleviate conditions that give rise to child abuse in New York State."

Hill emphasized that the demonstration project represents only a part of the Center's long-

*Continued on Page 4*

## Child Abuse Talk

A presentation of ongoing and future efforts in the research on child abuse and neglect under the HEW grant will be given at 4:30 p.m., Tuesday, March 11, in the Faculty Commons in the north wing of Van Rensselaer Hall. The presentation is open to the campus community, students, faculty and staff.

## Senators, Trustees Elected

### Peter Is First Cornell Employee Trustee Elected

For the first time in Cornell's history, University employees have elected an employee representative — George Peter to the University Board of Trustees.

Peter, a veteran employee representative to the University Senate, was elected from a field of 10 candidates, and is believed to be the first employee

trustee of a university in the United States.

Richard E. Gardner '76 was elected Student Trustee (see story page 10) and June M. Fessenden-Raden was elected Faculty Trustee by the students-at-large.

These three newly-elected trustees must be seated by the University Board of Trustees

before officially becoming members of the Board. The Trustees' decision whether or not to seat elected representatives is usually based on the percentage of voter turnout to determine whether the elected member is truly representative of his constituency.

An unofficial list of persons elected to seats in the sixth University Senate follows below. These persons will be presented to the fifth University Senate at its meeting tonight for seating in the sixth Senate. A positive vote by the fifth Senate would seat the new Senate and make the election results official.

The unofficial results of the trustee and senate elections were announced yesterday at 5 p.m. by Gloria Di Nicola, administrative services coordinator for the Senate staff, after a meeting of the Senate Credentials Committee. **UNDERGRADUATE STUDENTS**

*Africana Studies* (1 seat) — Kathy Franklin.

*COSEP* (3 seats) — Gregory Nelson, William King, William J. Hicks

*Agriculture* (6 seats) — Michael Steiner, Bruce Reisch, Stephen G. Smith, Ross Z. Herman, Kathleen Lee O'Connell, Thomas W. Lynk.

*Architecture* (1 seat) — Bruce D. Batkin.

*Arts & Sciences* (8 seats) — Hawley L. Wolfe, Jody Katz, Pamela Clement, Roland Alexander Foulkes, Maria Sperando, David Stromberg, Joanne Wallenstein, Douglas Auer.

*Engineering* (5 seats) — Thomas Trozzolo, Cheryl A. Walters, Dennis M. Larios, Robert A. Muller, Donald A. Dube.

*Hotel* (1 seat) — Christopher M. Bergen.

*Human Ecology* (3 seats) — Jeffrey B. Sklaroff, Barbara Lovick, Arthur L. Steinberg.

*Industrial & Labor Relations* (1 seat) — Michael J. Ossip.

**GRADUATE STUDENTS**

*Graduate School* (8 seats) — Rosemary Gallick, Stephen J. Massey, Willie A. Drake, Hilmar Jensen, Richard S. Bogart, Majid J. Samaan, Alan Alexandroff, Joanne Bogart.

*Business & Public Administration* — (1 seat) Leonard F. Rosenberg

*Law* (1 seat) — William R. Deiss.

*Veterinary Medicine* (1 seat) — no candidate.

**EMPLOYEES**

*Administrative Employees* (1 seat) — Steve Simpson

*Employees* (9 seats) — Guy

*Continued on Page 11*



# Quebec Culture Week To Be Held March 3-9

A Quebec cultural invasion of the Cornell community and the Ithaca area will take place March 3 through 9.

The music, art, history, cuisine, architecture, legal and social systems of New York State's northern neighbor, Quebec, will be discussed and displayed in a series of seminars and public events. The unusual cultural exchange is sponsored by the Government of the Province of Quebec in cooperation with various departments and schools at Cornell including the Law School, the School of Hotel Administration and the Graduate School of Business and Public Administration (B&PA).

Among the various seminars will be a discussion of the Province of Quebec's medical and hospital insurance plan, considered by many authorities the most progressive and successful in the world. This seminar is scheduled for 7:30 to 11 p.m. Thursday, March 6, in the Collyer Room of Malott Hall and will center around a talk by David Kinloch, director of planning health services in Quebec's Department of Social Affairs.

One of the artistic highlights of the week is a concert by the Quebec pianist-composer, Andre Gagnon, whose recordings of popular and classical works are not only the top-selling records in Quebec, but also in many parts of Europe. The concert is scheduled for 8 p.m. Saturday, March 8, in Alice Statler Auditorium. Tickets are on sale at Willard Straight Hall and at the door.

The week of activities will open officially at 11 a.m. Monday (March 3) in Olin Library with the presentation by Quebec Delegate General M. Guy Poliquin, of a collection of 400 books published in Quebec and musical recordings reflecting the intellectual vitality of Quebec and its unique place as a bridge between the cultures of the North American and European continents.

After the ceremony, Poliquin will host a luncheon at the Statler Inn for Cornell President Dale R. Corson and other guests, including Cornell students from Quebec. The luncheon will feature Quebec cuisine prepared by Cornell Hotel School students under the direction of Yvan Gregoire, professor of culinary arts at the

Quebec Institute of Tourism and Hotel Administration. The daily menu at the Inn and student cafeteria during the week will feature Quebec dishes. On Sunday, starting at 6 p.m., Gregoire will supervise a multi-course dinner in the Hotel School's "Guest Chef Series." There will be one sitting only.

A detailed schedule of the week's activities follows (except where noted, events are open to the public):

Monday, March 3

11 a.m., opening ceremony, main reading room Olin Library, Quebec Delegate General M. Guy Poliquin will present the University with 400 books and musical records published and recorded in Quebec.

12:30 p.m., opening luncheon with invited guests including Cornell President Dale R. Corson and Cornell students from Quebec, Statler Inn.

2 to 4 p.m., Architecture seminar on "Preservation Planning" with Richard Perras, Director of Quebec Ministry of Cultural Affairs and Stephen Jacobs, of the faculty of Cornell's College of Architecture, Art and Planning, 102

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## COSEP Reacts Critically

*Continued from Page 1*

the goals of minority programs have been considered. Rather, the discussions have involved considerations on how the various functions of these programs might be most effectively performed and how opportunities for learning for minority students might be enhanced."

Knapp's memorandum, copies of which were sent to members of the COSEP Advisory Committee and distributed to COSEP staff members prior to Tuesday's meeting, comments on discussions held during the year "which may have an impact upon the ways in which minority programs are organized on the Cornell campus." Exerpts follow:

—On admissions and financial aid: "During the fall Vice Provost Barlow chaired a committee at the request of President Corson to review the organization of admissions and financial aid functions at the University-wide level. Mr. Barlow has recommended to the president and the Board of Trustees that the functions be combined in a single office beginning July 1, 1975.

"As part of the reorganization, COSEP admissions would again be a part of the central organization..."

—On Learning Skills Center Courses: "During the fall Dean Levin initiated, at my request, discussions with five departments in the College of Arts and Sciences on the possibility of designing and staffing 'foundation courses' which might replace those now offered through the Learning Skills Center. It is clear that in the

Cornell tradition subject matter departments are responsible for subject matter course offerings, and it has been our hope from the very beginning that this tradition might apply to the special needs of minority students.

"I think it is fair to say that both Mr. Delridge Hunter, COSEP director, and Mrs. (Mary) Mosley, director of the Learning Skills Center, are reluctant to see responsibility for such courses transferred unless there are firm guarantees that the special needs of minority students will be met. I believe that this is an appropriate concern."

—On academic support services: "The study of academic support services conducted a year ago by Ezra Heitowit for the Provost's Office has been under discussion by college task forces and a University-wide group since last fall. I do not yet have all of the reports....but there is some indication that two developments might flow from these discussions:

"(a) A strong emphasis upon faculty responsibility for academic advising and counseling suggests the strengthening of faculty involvement at the college and school level, with prime responsibility for all academic counseling and advising, including that for minority students, residing there.

"(b) A variety of technical services related to student learning and faculty teaching might be pulled together in a single University-wide organization.

"Both of these possible directions would have an im-

pact upon the COSEP Office, including the Learning Skills Center."

—On New York State financial assistance programs: "The state provides financial assistance to students and money for support programs for economically and academically disadvantaged students through two routes ... Because sources of support are different, the programs in the statutory and endowed colleges have also been administered in different and separate ways.

"This winter we have discussed with representatives of the State Education Department and the State University ways in which we might develop a single coordinated program for students on the Cornell campus. We have an agreement with the two units that a single Educational Opportunity Program proposal could be submitted for review by the two sources of funding. We would hope to pull together central program administration and services in one unit, while providing for counseling and tutorial activities at the college level."

Knapp's memorandum concludes, "I am particularly concerned that we have a full understanding that if any or all of the moves discussed take place, the colleges are ready to pick up full responsibility for the academic well-being of minority students...If the kind of redistribution of responsibility for minority students which would flow from the actions above takes place, then the colleges and schools will need to strengthen their efforts."

## Job Opportunities At Cornell University

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

**PART-TIME AND TEMPORARY POSITIONS**  
*(All part-time positions are also being listed with Student employment)*

**Position (Department)**

Administrative Aide I, NP-11 (NYSSILR (NYC))  
Administrative Aide, A-17 (National Astronomy & Ionosphere Center)  
Secretary, A-15 (Health Services)  
Administrative Secretary, A-15 (University Libraries-Admin.)  
Steno III, NP-9 (NYSSILR)  
Steno II, NP-6 (Coop Ext. Admin.)  
Department Secretary, A-13 (DMLL)  
Department Secretary, A-13 (Graduate School)  
Sr. Clerk, A-12 (University Libraries-Acquisitions)  
Library Assistant III, A-15 (University Libraries-Uriis)  
Searcher I, A-13 (University Libraries-Serials)  
Cashier, NP-4 (Food Science)  
Manager-Financial Operations (B&P)  
Comp. Staff Spec. (Telecommunications Specialist), CP05 (Office of Computer Services)  
Admin. Asst. I (Personnel), NP-16 (Coop Exten. Admin.)  
Coop. Exten. Specialist-Field Crops (Coop Exten. Admin.-Alton (1 yr.))  
Librarian I, CPO6 (Libraries - Acquisitions)  
Assistant Librarian, CPO2 (Univ. Libraries - Fine Arts)  
SDS-III (Acting Program Director) CPO5 (University Unions)  
SDS-II (Asst. Director for Foreign Student Admissions) (International Student Office)  
Extension Associate (Agricultural Engineering)  
Associate Admin. (Asst. to Dean), CPO6 (Architecture, Art & Planning)  
Health Services Admin. CPO6 (University Health Services)  
Director (Div. of Communication Services)  
Assistant Editor (University Press)  
Sales Manager (University Press)  
Associate Admin. (Area Manager), CP06 (Dining Services)  
Dining Service Manager II, CPO5 (Dining Services (May '75))  
Admissions Counselor (Div. of Academic Services, NYS College of Human Ecology)  
Associate Director (Personnel Services)  
Asst. Football Coach (2) (Physical Education & Athletics)  
Research Support Specialist (Ornithology (1 year))  
Research Specialist, A-21 (Plasma Studies)  
Experimental Machinist, A-19 (Lab of Nuclear Studies)  
Sr. Electronics Technician, A-19 (Biological Sciences)  
Sr. Electronics Technician, A-19 (Typewriter & Instrument Rep.)  
Postdoctoral Associate (2) (Genetics Dev. & Physiology (1 yr.))  
Postdoctoral Associate (LASSP (1-2 years))  
Patrol Officer (Safety)  
Cook II, A-17 (Dining Services)  
These are all permanent full-time positions unless otherwise specified.

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

Secretary-Research Asst. (History (perm. p/t))  
Department Secretary, A-13 (Africana Center (temp. f/t))  
Department Secretary, A-13 (CRSR (temp. p/t))  
Department Secretary, A-13 (Neurobiology (temp. f/t))  
Statistics Clerk (N.S.) (Agricultural Economics (temp p/t))  
Statistics Clerk I, NP-5 (Agricultural Economics (perm p/t))  
Editorial Asst. I, NP-10 (Plant Breeding (temp p/t))  
Sr. Electronics Technician, A-19 (National Astronomy & Ionosphere Center (temp f/t))  
Post-doctoral Research Associate (STS Program (1 yr. f/t))  
Research Specialist (2) (Agricultural Economics (temp f/t))  
Research Associate (Agronomy (temp f/t))  
Research Associate (Agronomy (1 year))  
Research Associate (Education (1 year))  
Research Technician (Theoretical & Applied Mechanics (temp. p/t))  
Research Technician (Chemistry (1 yr p/t))  
Research Technician (Natural Resources (temp f/t))  
Lab Technician-hourly (Biochemistry (temp. f/t or p/t))  
Keypunch Operator (Plant Breeding & Bio. (temp. p/t))  
Applications Programmer I (Mgmt Systems & Analysis (temp. f/t))  
Applications Programmer II (2) (Mgmt. Systems & Analysis (temp. f/t))  
Computer Programmer, A-23 (SASS/Sociology (perm. p/t))



# Sit-in Participants Violated Code

Ten persons received a written reprimand and a suspended \$25 fine from Cornell's judicial administrator as a result of their participation in a sit-in of the foyer of President Dale R. Corson's Day Hall office Nov. 20 and 21.

Barbara M. Kauber said a suspended fine comes due automatically if the violators are found guilty of the same violation again, in addition to whatever additional fines might be levied.

The sit-in was held by a group of between 75 and 125 members of "The Coalition to Fight Tuition Hikes" who protested a proposed 10 per cent tuition increase effective for the upcoming academic year. The coalition ended its sit-in the night of Nov. 21 after attaining an agreement from the administration that five representatives of the Board of Trustees would hold an open meeting on campus to discuss the proposed hike. The meeting took place Dec. 4. The full board later approved the 10 per cent increase at its January meeting in New York City.

In subsequent action, 10 coalition members were found through summary decision to

have violated the Campus Code of Conduct, Article 1, Section 2B. That section makes it a violation for members of the Cornell community "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 this Article 1." Article 1 is Cornell's "Regulations for the Maintenance of Public Order."

During the course of the sit-in, W. Donald Cooke, vice president for research, told the demonstrators they were in violation of the campus codes.

The University administration last week accepted the summary decision ruling of the judicial administrator. David C. Knapp, provost, said that responsibility in such cases rests with the judicial system and that the administration was satisfied that appropriate procedures had been followed.

In cases settled by summary decision, the complainant may, within a specified time, object to the summary decision which is an agreement made between the judicial administrator and those persons alleged to have violated the University's judicial system, Kauber said.

# Six More Chairmen Named to Task Force

Six new chairmen were named this week to head task forces in the Cornell presidential study of priorities.

Harold Bierman, professor of business and public administration, will head the task force on research and cost recovery, Ian R. Macneil, director of the priorities study, announced.

Scott B. Elledge, professor of English, will chair the task force on athletics.

Tom E. Davis, professor of economics, will head the task force on graduate education.

Andrew S. Schultz, professor of engineering and former dean of the College of Engineering, has been named chairman of the task force on support of the academic mission, which includes support areas such as secretarial and clerical

services, laboratories and academic computing.

Jon T. Anderson, former director of athletics, will head the task force on community support systems, including the Safety Division, Traffic and Parking, and campus bus service.

P.C.T. de Boer, associate professor of mechanical and aerospace engineering, will be chairman of the task force on administrative data systems and administrative computing, Macneil said.

In University Senate action last week Robert S. Harrison, Arts '76, was named Senate representative to the liaison committee, which is responsible for overall liaison between the director of the priorities study and constituent parts of the university. Other members are the president, provost, Vice President for Administration and Dean of the Faculty.

Also serving on the research and cost recovery task force will be Earl L. Muetterties, professor of chemistry, and A. Richard Seebass, associate dean of engineering. Barry B. Adams, chairman of the department of English, will serve on the task force on support of the academic mission.

Other appointments made by Macneil are William Cross, assistant professor, Africana Studies and Research Center, to the learning environment task force and Esther G. Dotson, assistant professor, history of art, and Nancy S. Meltzer, assistant to the associate dean, Human Ecology, to the publications task force.

## Profile Robert Hall: Linguist

Keeping track of the publication statistics of linguistics professor Robert A. Hall Jr. is akin to trying to establish the exact population of the United States for a given time: It can only be done by approximation.

As of 10:46 a.m. Friday, Feb. 14, 1975, Hall's total number of published works, by his own count, was 447 of which 37 are books, 250 articles and 160 scholarly reviews of books in his field. However, when this count was made, the mail had not been delivered and he had no way of knowing if any, or how many, of the 21 completed manuscripts he now has before various publishers and editors of journals already had been accepted for publication. In addition to these completed works, he is currently working on several articles and two books. He has plans for four more books in a six-volume series he is writing on the comparative grammar of the Romance languages.

The above statistics also do not include five ghost written chapters in various books, 50 (exactly) letters to the editors of newspapers and journals, six obituaries of scholars, a novel and five short stories.

The novel and as yet unpublished short stories were written, he says "just to get things off my chest."

His scholarly writings are on the Italian language and literature, Romance linguistics, general linguistics, pidgin and creole languages and American and English literature, especially Mark Twain and P.G. Wodehouse.

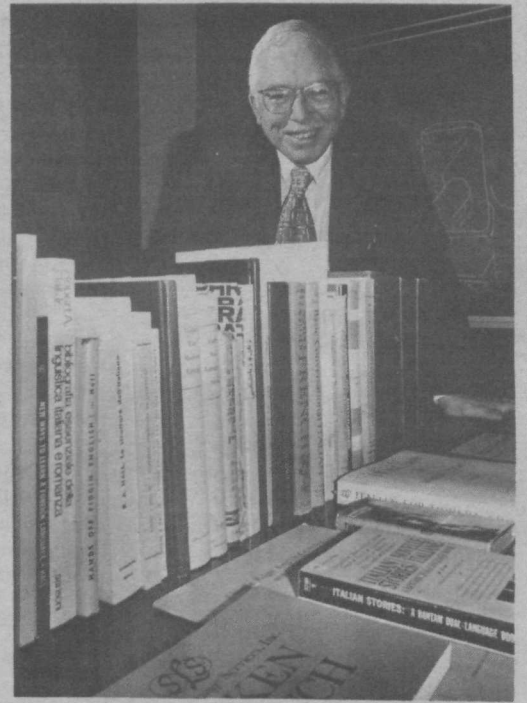
A colleague said several of Hall's books are considered masterpieces in their fields and a number of his works are so unique that there is nothing to compare them to.

His puckish sense of humor is evidenced in various nooks of his office where he has posted neatly printed "one liners." For example one posted as of 10:46 a.m. Friday, Feb. 14, 1975, read "Don't underestimate yourself — let me do it for you."

He owns hundreds of such observations and rotates them regularly, posting but a few to public view at any one time.

Hall, who types by what appears to be the old two-fingered, hunt-and-peck system, estimates he has typed anywhere from a half to a million pages since his first article was published in 1936. His first drafts are always in long-hand and his revisions, sometimes as many as six, are done on the typewriter.

His typing only appears to be the old two-fingered hunt and peck; the hunt part fell by the wayside many years ago. He demonstrat-



Robert A. Hall Jr.

ed this by looking away from the typewriter (a special model for typing foreign languages as well as English) and producing the following line "Pecking without hunting is my usual procedure. Hardly incredible, just the result of about 50 years practice."

One might think Hall never tears himself from his typewriter. He does, in order to sing in both the Cornell chorus and the choir of the Congregational Church. He didn't start singing until the 1950s when he was in his forties. Despite the ringing memory from his school boy days of "shut up kid, you can't sing," he discovered he could stay in tune as long as the guy next to him did. In addition he has written the music for a mass titled "Missa 'Lanquan li Jorn.'" It is based on a medieval troubadour tune.

Incidentally, Hall is also an avid model train hobbyist with an extensive layout of a European electric rail system duplicated in his attic.

He admits, however, he hasn't mowed his lawn for years. He allows someone else to do that.

Martin B. Stiles

## Quebec Culture Comes to Cornell

Continued from Page 2

West Sibley Hall.

Tuesday, March 4

4:30 to 6:30 p.m., National Film Board of Canada Seminar with Arthur Hammond of the Board and Gunther Brink of Concordia University in Quebec, discussing Steinberg's Corporation Series Film along with Cornell faculty from Theatre Arts, B&PA, ILR and the Hotel School, in Bache Auditorium, Malott Hall.

8 p.m., Richard Perras, Director of Quebec Ministry of Cultural Affairs will discuss "Historical Preservation in Quebec," 115 Franklin Hall.

Wednesday, March 5  
3 to 5 p.m., seminar on rural sociology with Gerald Fortin of the University of Quebec and Cornell professor Paul Eberts, 32 Warren Hall.

4:30 to 6:30 p.m., policy seminar for invited students with Gunther Brink, professor at Quebec's Concordia University, 217 Statler Hall.

Thursday, March 6  
10:10 a.m. to 11 a.m.,

seminar on "Subsistence Agriculture in Transition" with Gerald Fortin of the University of Quebec, 101 Rice Hall.

1:25 to 4:20 p.m., seminar on "Administration Theory & Practice," Gunther Brink, 214 Ives Hall.

7:30 to 11 p.m., seminar on "Development & Health Services Financing & Planning in North America: The Medical & Hospital Insurance Plan of the Province of Quebec," Collyer Room, Malott Hall.

Friday, March 7

11:15 a.m. to 12:05 p.m., seminar on Comparative Law, Jean-Louis Beaudoin of the University of Montreal with Rudolf B. Schlesinger, Cornell's William Nelson Cromwell Professor of International and Comparative Law, Room C, Myron Taylor Hall.

7 p.m., Cornell Cinema showing of "Kamouraska," French with English subtitles, Alice Statler Auditorium, open to the public, admission charged.

9:15 p.m., Cornell Cinema

showing of "La Vraie Nature de Bernadette," French with English subtitles, Alice Statler Auditorium, open to public, admission charged.

Saturday, March 8  
8 p.m., concert, by noted Quebec pianist-composer, Andre Gagnon, Alice Statler Auditorium, open to public, admission charged.

Sunday, March 9  
6 p.m., Guest Chef Dinner featuring cuisine of Quebec under the direction of Yvan Gregoire, professor of culinary arts, Quebec Institute of Tourism and Hotel Administration, one sitting only, Statler Inn, Main Dining Room.



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# Chronicle Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Comment may be addressed to Elizabeth Helmer, managing editor, Chronicle, 110 Day Hall.*

## "Energy Saving Blacks Out Beauty"

Editor:

The energy crisis is one of those long term problems which can only be solved if people are willing to sacrifice for the common good, so we are told. Like most things done in the name of the common good the campaign against the energy crisis has produced more victims than results. However, my purpose in writing this letter is to point out two victims of the "common good" at Cornell.

The net architectural worth of the Cornell campus jumped by a large factor in 1973 because that was the year the Johnson Museum was completed. Anyone who doesn't believe this statement can be enlightened by 20 minutes of observation. Herbert Johnson's ability to commission beautiful buildings, and his financial generosity have made his gift to Cornell more than outstanding. However, the beauty of this museum became just one more victim of the energy crisis when those in positions of authority turned off all the lights. On the ceiling of the

sculpture terrace there are 105 lightbulbs (equivalent in energy consumption to roughly 30 toasters going full blast) for the nighttime display of the building. Evidently they did the job well enough because each night a small group of people could be seen taking pictures or just enjoying the sight of the building.

The goal of the administration in turning out the lights was clearly stated. It was to reduce the load on the electric power generating stations; but the university does have other

goals, like educating its students to appreciate beauty, or preserving art works entrusted to it. I wonder if sacrificing these goals in the case of the Johnson Museum is just an innocent mistake or a symptom of a general decay in the standards of the university?

I did want to mention another victim of the common good. I hope next time you see the darkened museum you will know who that other victim is.

Stanley C. Luckhardt  
Graduate Research Asst.

## Hot Office Belies Conservation Efforts

Editor:

I am perplexed by the many letters and articles in the *Chronicle* about high fuel prices, Cornell's efforts in energy conservation and so forth. Are you really turning down the thermostats? Why not mine? Is there a conspiracy by the energy companies to pay me back for all the nasty things I've said about them in

the past? My office (127 Langmuir) is still an oven despite numerous complaints and covers on all the radiators. And I'll bet if you lowered the temperature in 231 Warren below 70 degrees, some students would even stay awake in my lectures.

Charles Hall  
Vis. Asst. Prof.  
Ecology and Systematics

## Financial Aid Acting Head Named

Philip M. Bisselle has been named acting director of the Cornell Office of Scholarships and Financial Aid, replacing Gary A. Lee, who has left the position to become New York State assemblyman from the 128th district.

Bisselle said he foresees no major changes in the present policies of the financial aid office. "We are optimistic about obtaining more scholarship funds to help offset the rising costs of tuition and room and board for students," he said,

pointing out that in recent years, Cornell students have received an increasing percentage of their financial aid in "self-help" funds — loans and jobs — while the direct grant or scholarship funds have "leveled off."

Bisselle sees two possible sources for increased scholarship funds — a tuition increase, and New York State's recently initiated TAP (Tuition Assistance Program) scholarship fund for New York residents who attend any New

York school.

"We can't transfer the entire burden of rising education costs to students and their families," Bisselle said, "or we may find that we have significantly altered the kind of student body we have."

Bisselle shared the tasks of administering freshman assistance with Janet Averill, who has temporarily assumed Bisselle's former position as director of the freshman program.

## Child Abuse Study Gets Funds

*Continued from Page 1*

range mandate to study and do public service across the full spectrum of the family life.

Professor Moncrieff M. Cochran of the Human Ecology faculty has been named acting head of the project.

During the initial six-month period of the grant, according to Cochran, the Center will establish a professional team in New York City and will join with selected communities upstate to assess their needs on the child abuse issue. In that same period, the Center will gather and review existing resources and begin development of training materials, educational resources and public awareness programs that might eventually be applied statewide.

"In addition," Cochran said, "we will expand our contacts with agencies presently dealing with the child abuse situation in this state and around the country."

The Center will also refer to the State's Central Register, which lists all child abuse reports. Under the New York State Child Protective Services Act of 1973, certain individuals and professionals are required by law to report suspected cases of child abuse to the Central Register in Albany. Physicians, coroners, dentists, registered nurses, school officials and law enforcement officials are among those who must report to the Central Register.

"Once the groundwork is done," Cochran said, "the Center will create and test demonstration programs in two upstate counties and a small section of New York City."

"The three regions will represent rural, urban and super-urban areas, so that demonstration programs will be designed to suit each of those unique environments," Cochran said.

Two task groups will offer professional assistance to the three designated areas, according to Cochran. One will work with the upstate counties and maintain their headquarters at the Cornell Center. The second will be based in New York City by mid-summer.

"The strengths and weaknesses of each new program will be studied in relation to each region and then refined," Cochran said. "The programs will then be offered to other locations always with the intent of matching programs to local needs," he added.



## Summer Abroad Information Ready

Students seeking study or employment abroad will find resource materials to give them ideas and leads to follow up at the Career Center in Sage Hall, according to Ann Rogers, assistant to the director.

Rogers, who advises on summer employment and study and employment overseas, says she has no ready-made answers, but plenty of material for the interested student to explore.

"If students come in and say they want to improve their French, this is very easy; we send them to the 'study abroad corner' and the file for France. It's the student who comes in for adventure or escape who is the hardest to assist, because they may not be able to get Cornell academic credit for foreign study. Yet most students cannot afford the expense of time or money unless they earn such credit."

Rogers cautioned undergraduates against confusing a "fling" with serious academic study. "A lot of it is pure adventure and restlessness. The student often has no goal and study abroad does not fit in with the student's academic plans. A 'fling' is reasonable but students should think through their goals," she said.

In either case, the trip starts with personal initiative, Rogers believes. "Finding what you want, whether it's study or employment abroad, is learning how to use a directory and resource materials."

Cornell, unlike many other colleges and universities, does not offer a formal "year-abroad" program, Rogers said, and students seeking Cornell credit for programs they advise themselves should be certain to have the arrangements ap-

proved by their academic unit.

Other possibilities for students seeking Cornell credit include matriculating directly into a foreign university, joining a study program sponsored by an independent organization or enrolling in overseas programs sponsored by other American colleges and universities, she said.

It is difficult to know how many Cornellians go abroad each year, Rogers said, because "we gave up record-keeping a few years ago when we decided it was more important to help students. All I know is our traffic is terribly heavy; records of students studying abroad for Cornell credit are maintained by the various schools and colleges."

"This great overseas rush has been a phenomena of the past five years. Now, if you haven't been abroad, you haven't been to college. Up until 1974, air travel has been cheap for students and scholarships and fellowships have increased. Money may be tighter but we are more aware of funding for students; most of it is graduate, post-doctoral and faculty level rather than for undergraduates, however."

She said cost of living abroad has tripled or quadrupled in the past decade.

Countries increasingly popular with students include China, India, Israel and Far Eastern nations, Rogers said. "I keep making new folders for far-out places, but they come and go with political unrest."

Rogers has specialized in this area for 15 years; persons interested in study programs, summer experiences or employment overseas should contact her in the Career Center, 14 East Ave.

## Freshman Applicants Top Cornell Records

A record-breaking number of freshman applicants for fall 1975 admission to Cornell has been predicted on the basis of preliminary application figures, according to Walter A. Snickenberg, dean of admissions.

As early as Feb. 7, the total number of applications to all colleges was 14,920, the highest number ever received in Cornell's history. Last year, the final total was 14,916.

"Given a Feb. 15 application deadline in the Engineering College, the inevitable number of late applications and the lag in data processing count, we should easily break the 15,000 mark for the first time," Snickenberg said.

"Three divisions of the University — Engineering, Industrial and Labor Relations, and Architecture, Art and Planning — had already exceeded their 1974 final application totals as of Feb. 1," he added, "and the College of Agriculture and Life Sciences was within two applications of its final total for 1974."

Overall, the figures show a 4.6 per cent increase in

freshman applications as of Feb. 1 over the corresponding date in 1974.

Only the College of Arts and Sciences was running behind the 1974 pace, with a Feb. 1 total of 7,113 in 1975 and 7,204 in 1974.

Snickenberg said that he was not concerned about the apparent one per cent decline in applications to the Arts College, because of the usual number of late applications. He pointed out that the Arts College receives the highest total number of freshman applications in the University — more than 7,000, compared to about 3,000 for the College of Agriculture, which receives the second highest number. There are already more than seven applicants for each place in the Arts College.

"This is encouraging news," Snickenberg said of the application increase, "especially when we have been so concerned about the effects of a tuition hike and the general economic situation on the desire and ability of high school seniors to apply to Cornell."



# France-Cornell Trade Engineers

The French have a word for it — Ecole Nationale Supérieure d'Ingenieurs (ENSI). And for select juniors at Cornell's College of Engineering it means a year of complete immersion in French culture and its engineering education system.

Founded through the personal friendship of Benjamin Gebhart, Cornell professor of mechanical and aerospace engineering, and Henri Cordier, director of the ENSI school in Poitiers, a French-American exchange program has been in operation since 1967.

Originally Cornell students were exchanged with the mechanical and aerospace engineering school at Poitiers. Today students may also attend one of five specialized engineering schools in Grenoble. Collectively the six schools can accommodate the engineering interests of any student at Cornell's College of Engineering.

The ENSI engineering schools are much more selective and rigorous than French or American universities. French students wishing to attend the ENSI school must study for two to three years after graduation from the equivalent of an American high school and pass a competitive examination.

The schools are very small, and Gebhart and the school directors make sure that Americans don't overwhelm them. At most they allow two or three students from Cornell to attend any one of the participating schools. A roughly equal number of French students may take a year of study at Cornell.

The French engineering schools are advanced, and a junior student at Cornell will mainly take first- and second-year courses at an ENSI school.

French students who come to Cornell do so in their final year at ENSI and take upper division and graduate courses — including the highest level of mathematics given at the University. Many of them obtain masters' degrees before returning to France.

At the French schools, all instruction is in French. At Cornell it is all in English. But students on both sides find that language is the least of their problems.

"I had had French in high school," explained Robert Bill, a 1969 participant in the exchange program and now a graduate student in mechanical engineering at Cornell, "and I never did all that well in it."

"But after a month at an intensive language school in France I found the language the easiest part of the engineering program."

Claude Coudeyras, a French student who is now completing his master's degree at Cornell, shared Bill's adaptability to a new language.

Coudeyras, like many French students, had taken English as

his second language in high school and was reasonably fluent when he arrived here. After a few hectic days of apartment hunting, his English improved even more.

Courses at French engineering schools run six days a week from 8 a.m. to noon and from 2 p.m. to 5 p.m. with labs in the afternoon and lectures and problem-solving sessions in the morning, Bill said.

Bill found that he had very little homework or research to do outside the school and that his classmates were very informal and sociable.

"The campus at Poitiers was about the size of Cornell's engineering quad. We all lived in one dorm, and everyone knew everyone else," he recalled.

For Coudeyras, coming to a large university was quite a change from intimate college life in France. He found out that it is difficult for a student living in his own apartment to develop close friendships with classmates in lecture courses.

His thesis research in mechanical engineering, however, keeps him busy — it is something foreign to the French engineering education system and has taken "some getting used to," he said.

"Unless you're working for a Ph.D.," he explained, "you expect to be paid for research in France."

One of Bill's main reasons for wanting to spend a year in France was the opportunity it offered to see more of Europe. His school sponsored a two-week trip to Poland and ski weekends to Grenoble while he was there.

The French government subsidizes students heavily, and Bill recalled one week and a half long trip where he received four meals a day, a room, skis and skiing lessons for about \$17.

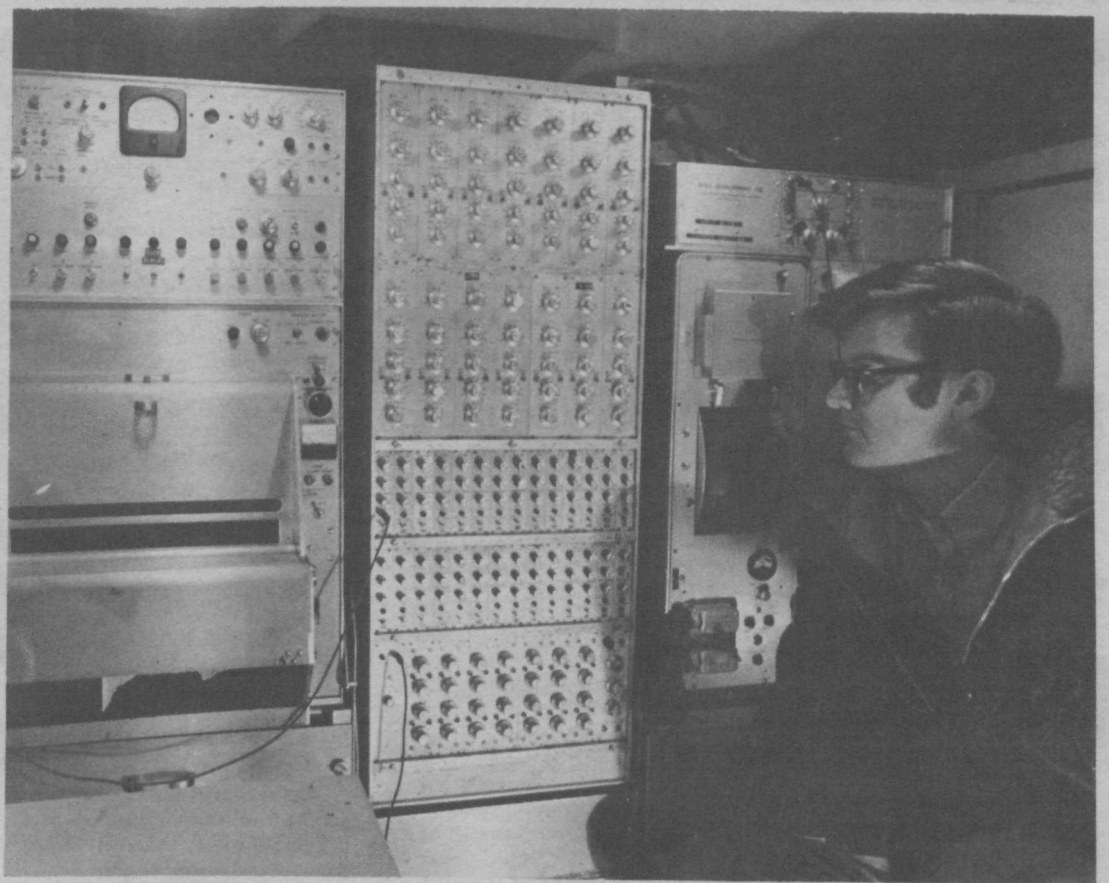
Coudeyras regrets the lack of travel opportunity in the Ithaca area — since coming to Cornell his longest trip has been to the auto races in Watkins Glen — but views the exchange experience as a valuable one that he would do again.

Both French and American students usually do very well academically during their year abroad. American students, who escape the pressure of grades for the year, also do substantially better in their courses after they return to Cornell.

"I've never heard of a student who didn't do better at Cornell after spending a year in France," Bill reflected, "and it often helps them get into better graduate schools."

Any engineering student in this year's sophomore class with a reasonable knowledge of French and a good cumulative average may apply to participate in the engineering exchange program.

A general information meeting on the program is tentatively scheduled for Wednesday, March 12 at 4:30 p.m. in room 224 Upson.



Robert R. Ellis, a technician in the Department of Geological Sciences, checks out the department's new mobile seismic reflection system. A gift from Shell Oil Co., the unit will be used as a teaching tool.

Worth \$100,000

## Geology Gets Equipment

A mobile seismic reflection system valued at almost \$100,000 and a cash grant to defray the cost of field work have been given to the Department of Geological Sciences by the Shell Oil Co.

The equipment, recently retired from field exploration work by Shell, will be used by the department as a teaching tool and perhaps eventually for graduate student thesis research, according to Sidney Kaufman, professor of geological sciences.

Kaufman explained that the mobile unit can be used to determine the sub-surface structure of the earth by recording the way shock waves are reflected by various layers within the earth.

The equipment is so sensitive that the shock waves generated by exploding a few pounds of dynamite or by an equivalent mechanical source would result in the reception of seismic data from several miles below the earth's surface.

The mobile unit can take readings at 24 sample stations simultaneously and record the data on paper for immediate examination and on magnetic tape for future analysis.

"Receipt of the truck, the seismic system and the auxiliary equipment places our department in a position to conduct a broader range of seismic research," Kaufman said.

Preliminary plans call for testing the equipment by recording quarry blasts and earthquakes in the Adirondacks during the summer.

## Messenger Lecture

### History of Concerts Told

Public concerts were instituted in England in about 1678. Public concerts began in Vienna in about 1771. But the sonata form was the creation of musicians who had no public concerts and it was brought to its highest development by three composers, not of the English but of the Viennese school — Haydn, Mozart and Beethoven.

In the first of his three presentations on "Music and the Perspectives of Historical Criticism," Messenger Lecturer Charles Rosen explained the relationship between the development of sonata forms in the 18th century and the rise of two other musical phenomena — the public concert and the amateur performer.

Rosen said that the public concert first developed in England out of the aspirations of the middle classes toward "culture." Of these concerts, performances of oratorios were most popular, frequently with interludes of instrumental music.

But English composers of the

day found it difficult to get their music played in public concert, because the English public generally deplored what they considered to be radical innovation in music and preferred "concerts of ancient music" — music at least 20 years old.

In Vienna, concerts for the public were instituted by the "Viennese Society for Free Artists". These concerts also began as concerts of vocal music with instrumental interludes, but by 1777 — just six years later — the instrumental music was receiving more attention.

"The solo sonata and quartet belong to the amateur," Rosen said, explaining that amateur musicians — those not paid — were demanding instrumental music that was "important" — not just dance tunes. The sonata form, which is dramatic, and self-contained and which does not demand or allow elaborate ornamentation as previous music did, was perfect for an amateur performer. He (or, as Rosen said, more frequently "she")

did not have to possess virtuoso technique to perform sonatas that were relatively simple to play but of a complex and subtle organization.

As more and more people began to play sonatas, they became part of the public concerts, giving composers for the first time two ways in which to sell their works to the public — as published music for the amateur and through the public concert.

This period, Rosen said, is what we call the classical period because the music was the main interest for the concert-goer — not the performer. By 1840, people were again paying primarily to see a particular virtuoso perform, but for the brief period from about 1770 to 1820, the interests of the composer were paramount.

Rosen will give the final lecture of his series, entitled "The Limits of Formal Criticism: Beethoven after 1815" at 4:30 p.m. today in Barnes Hall Auditorium.





Thomas Brandon

## Brandon to Discuss Films of the 1930s

Thomas Brandon, a pioneer in the field of non-theatrical film distribution in the United States, will give a lecture on "A Missing Chapter in the History of American Documentary Films: Social and Political Films of the 1930s" at 8 p.m. Monday, March 3, in Kaufmann Auditorium.

In 1931 Brandon helped form the Film and Photo League and the National Film and Photo League, both of which influenced the rise of an early American documentary film movement. Later in the 1930s, Brandon distributed the productions of Frontier Films, a non-profit association of social and political filmmakers. He

worked closely with prominent personalities such as Ernest Hemingway, Lillian Hellman, Archibald MacLeish, John Dos Passos, Joris Ivens and Willard Van Dyke.

Brandon also founded Brandon Films, which has now become Macmillan Audio-Brandon Films. He is presently working on a book on the documentary films of the 1930s. He has uncovered many forgotten films from that era in the course of his research.

Brandon's lecture, which will be illustrated with films and recordings, is being sponsored by the University Lecture Committee. It is free and open to the public.

## 125 Stage Designs Featured in Exhibit

"Four Centuries of Scenic Invention," a selection of 125 stage designs from the collection of Donald Oenslager, opened Feb. 15 at the Herbert F. Johnson Museum of Art.

Oenslager is one of America's leading stage designers, and one of the most knowledgeable collectors of stage and costume designs. His collection includes rare books and prints relating to the theater, as well as more than 3,000 drawings of stage designs.

Organized by the International Exhibitions Foundation, the show was first seen at the Pierpont Morgan Library in New York City and will be at Cornell through March 23.

The earliest work in the show is an elaborate city scene dated 1535. During the renaissance and 17th century, which are amply represented, sets became more sophisticated and flexible. Scenes of a dramatic river view, a volcanic eruption and a rustic landscape demonstrate the efforts of designers to create a realm of fantasy upon the stage. Excellent examples of baroque, neoclassic and romantic de-

sign are also included in this exhibition.

The exhibit is accompanied by an illustrated catalogue written by Oenslager.

Museum hours are 10 a.m. to 5 p.m. Tuesday through Saturday; 5 p.m. to 9 p.m. Wednesday evening; and 11 a.m. to 5 p.m. Sunday. The museum is closed Monday.

## Caribbean Dance Program To Be Performed Saturday

The Afro-American Dance Theatre Workshop of SUNY-Binghamton, under the direction of Percival Borde, will present an evening of Caribbean dance at 8 p.m. Saturday, March 1, in the Martha Van Rensselaer Auditorium.

Included on the program will be Calypso, Caco, Conga, Ritual, Bongo and the Haitian Dance Suite. Roger Sardinha, steel drummer, will also be featured.

The Afro-American Dance Theatre Workshop was established at SUNY/Bingham-

# Sutherland Rescheduled; Will Perform March 18

Joan Sutherland, known throughout the world as "La Stupenda" (Venice, Italy press), "the reigning queen of divas" (Life Magazine), the "prima donna assoluta" (Newsweek) and the "supreme soprano" (Time), will make her first appearance in Ithaca at 8:15 p.m. Tuesday, March 18, as part of the Bailey Hall concert series.

Sutherland was originally scheduled to perform in Bailey

Hall on Feb. 12, but had to postpone her appearance due to a back ailment.

Songs by Bellini, Donizetti, Rossini, Gounod, Massenet and many others, plus three arias from Offenbach's "La Perichole" will be featured on the program.

Ticket information may be obtained at the Lincoln Hall ticket office (256-5144). Free bus service to Bailey Hall from the Dairy Bar and the B parking

lot will be provided beginning at 7:30 p.m.

Sutherland was born in Australia. Her mother, a contralto, was a well-known church soloist in Sydney, and Sutherland assumed that she was destined to be a mezzo and sing semi-professionally, too. After high school she took secretarial courses and continued her vocal studies at the Sydney Conservatory in her spare time.

Sutherland made her professional debut in 1947, singing in a concert performance of Purcell's "Dido and Aeneas." Three years later she won first prize in the Mobil Quest, earning the title "Australia's Best Singer" and an award of 1,000 pounds.

After abandoning her secretarial career, several years of studying at London's Royal College of Music and eventual rise to stardom at Covent Garden, Sutherland made her American debut in 1960 as Handel's "Alcina" with the Dallas Opera. Her La Scala debut in 1961 earned her a 15-minute ovation and 30 curtain calls, and her debut at the New York Metropolitan Opera as "Lucia di Lammermoor" was awarded a standing ovation.

In addition to her operatic and concert performances, Sutherland appears on the "Who's Afraid of Opera?" television series.

## Oboe Concert Sunday Is Free

Oboist Jerryl Davis will present a free, public concert at 4 p.m. Sunday, March 2 at Barnes Hall Auditorium.

Included on the program will be the Concerto for Oboe by Domenico Cimarosa, "Two Rhapsodies" by Charles M. Loeffler, sonata (1962) by Francis Poulenc, and "Phantasy" by Cornell composer Ann Silsbee.

Davis will be assisted in the concert by Marna Street, viola, Marie Rolf, piano, Ann Silsbee, harpsichord and piano and by a small orchestra composed of Cornell students.

"In constructing this program, I tried to capture a cross-section of the literature for oboe," Davis said. He explained that the oboe developed from the bagpipe and that the oboe has existed since 1650 in a form clearly recognizable as the ancestor of the modern oboe.

"France is the home of the oboe," he continued. "The French developed the instrument and have always been in the forefront in composing for it."

Sunday's program reflects this French heritage clearly — of the four pieces on the program, all but the Cimarosa concerto have strong French ties.

Loeffler (1861-1935) was a French musician and composer who came to America in 1881 and played in the violin section of the newly-founded Boston Symphony Orchestra. "I included his rhapsodies on the program because they were the only impressionistic pieces

for solo oboe that I could find in the entire oboe literature," Davis said.

Poulenc's sonata was one of the last pieces the modern French composer wrote. "It is very difficult and very beautiful," Davis said, "but Ann Silsbee's piece is the most demanding of them all."

Silsbee wrote "Phantasy" while in Paris in 1971. It was performed for the first time last year in Paris and has been played on network radio in Europe. Silsbee dedicated "Phantasy" to Davis and to her son, David, who was one of Davis' oboe pupils.

Davis has been a lecturer in music at Cornell and manager of the Cornell Orchestras since 1968.

## Sage Topic: 'Gospel, Poverty, Technology'

Guest speaker James P. Morton, Dean of the Cathedral Church of St. John the Divine in New York, will address the Sage Chapel convocation on "The Gospel, Poverty and Technology" at 11 a.m. Sunday, March 2.

Since 1951 Morton has devoted considerable study to the fields of architecture and liturgy in their relationship to the community. His studies in this area have taken him to Europe and the Middle East.

As associate priest-in-charge at Grace Church in Jersey City, N.J., Morton worked as part of

a team ministry which focused on the relationship between parish life and the social problems of an urban, racially changing poverty area. He has also served as coordinator of the Joint Urban Program of the Executive Council of the Episcopal Church and as director of the Urban Training Center for Christian Mission in Chicago.

Morton holds degrees from Harvard College, Cambridge University, General Theological Seminary and Trinity College.

## 'Art Insights,' Workshops To Increase Awareness

The Herbert F. Johnson Museum of Art will offer two "Art Insights" workshops for adults in a series of classes beginning March 5 and ending May 3. Art Insights is a public educational program the museum initiated last year.

Rather than providing instruction in painting, drawing or sculpture, the Art Insights program utilizes other methods to elicit responses to the works of art in the museum and to the architecture of the building. The goal of the workshops is to increase awareness of visual perception

and the ability to experience one's environment.

Applicants may enroll in one or both of the two workshops being offered. The first workshop will be held on Wednesdays from 7 p.m. to 9 p.m. The second workshop is scheduled for Saturday mornings from 10 a.m. to noon. There is a registration fee of \$20 to cover the cost of materials used. Registration must be completed by Feb. 26.

Registration forms are available at the museum's front desk.





Detail of Roman tombstone seen at right.

## Architects On Location

The past is waiting patiently all over the world to continue its summer dialogues with Cornell students: the bronze age ruins at Kea in Greece; the Roman and Byzantine cities at Stobi, Yugoslavia, and the Mayan trade routes hidden by the forests of Honduras, to name but a few.

More than 20 undergraduate and graduate students will be working again this summer at these sites and others, including the Roman ruins at Sardis in Turkey, the recently discovered Roman and Byzantine sea port at Casarea, Israel, and the American Southwest. The students who take these summer field trips, for which they receive credits, are from various departments and colleges including Classics, anthropology, English and the College of Architecture, Art and Planning. Many receive travel and stipends from special grants and funds administered by the University's Intercollege Concentration in Archaeology.

Applications for the funds, which must be submitted by April 1, may be obtained from Andrew Ramage, of art history, who heads the interdisciplinary group.

The concentration is an outgrowth of a growing interest in archaeology among students and the surprising expertise in the field of faculty in various departments ranging from soil science to Semitic languages.

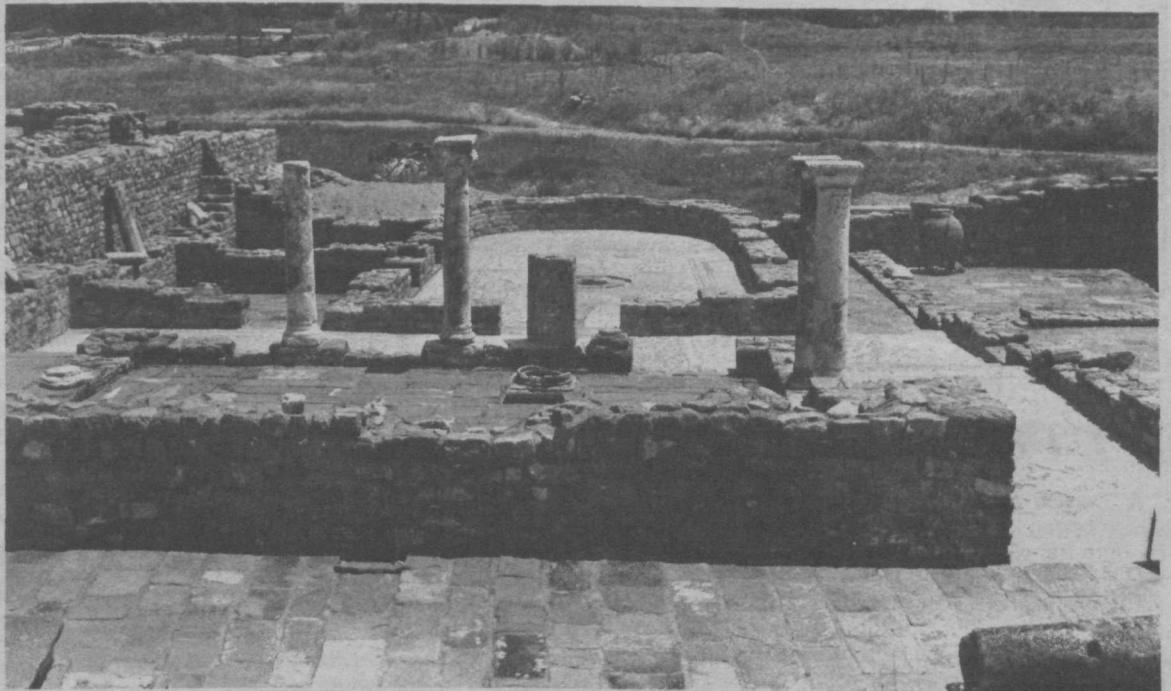
As part of preparing students for field trips this summer the concentration is sponsoring a series of weekly lectures this term featuring first-hand experiences, mostly of Cornell faculty, at excavations around the world. The lectures are Mondays at 4:15 p.m. in Uris Auditorium. On Monday (March 3) John E. Coleman, associate professor of Classics, will discuss "Alambra and Surface Surveying in Cyprus."



Anne Trovinger, Architecture '76, is holding stadia rod for measuring inside a Bronze Age house (C. 1,500 B.C.) at Kea, Greece last summer.



View of Byzantine cistern with reused Roman tombstone dating from second century A.D., uncovered at excavations at Stobi, Yugoslavia, where Cornell students and faculty worked last summer and expect to return this summer.



Ruins of a Byzantine Bishop's residence at Stobi, built about fourth century, A.D.



Architectural students and faculty form a living floor mosaic on Arts Quadrangle, demonstrating use of photographic technique used in photographing broad overhead views of excavations with a camera hung from tripod.

Photos supplied by School of Architecture



# Energy Research Funding Up; Provides Opportunities

Increased federal funding for energy research, coupled with implementation of the federal Energy Reorganization Act of 1974, should provide opportunities for many Cornell investigators, according to Thomas R. Rogers, director of the University Office of Academic Funding.

Much of the energy research at Cornell, Rogers said, will continue to be carried out by the College of Engineering, but the role of the College of Agriculture and Life Sciences will continue to grow — especially in the area of energy utilization and food production.

Rogers said that basic research in other units at Cornell may also be stimulated by the

increased funding for energy research and development.

Research areas to receive the largest percentage of growth are fossil fuel technology (primarily coal), solar and geothermal energy, controlled fusion and energy conservation, he added.

Under the new federal law, the United States Atomic Energy Commission (AEC) was replaced by two new agencies — the Nuclear Regulatory Commission (NRC) and the Energy Research and Development Administration (ERDA).

The NRC took over AEC's regulation of the civilian and nuclear industry and retained an important role in the area of nuclear safety research.

All remaining functions of the AEC, including civilian and military research, supporting research and production, were transferred to ERDA.

ERDA has control of such former Department of the Interior programs as electric transmission research and development, the Office of Coal Research and the energy centers formerly operated by the Bureau of Mines.

Most of the solar and geothermal research programs in the National Science Foundation (NSF) and the advanced automotive systems programs in the Environmental Protection Agency (EPA) were also transferred to the new agency.

While many federal energy research and development programs are now administered by ERDA, the Department of the Interior, NSF, EPA and other agencies will continue smaller energy research programs.

At Cornell most of the programs formerly supported by the AEC are now being funded through ERDA. The agency is expected to spend some \$116 million for research and development at colleges and universities during the 1976 fiscal year. This represents about 6 per cent of ERDA's total operating budget for energy research and development.



## Co-Sponsored Workshop Set For Volunteers

Next Wednesday the Voluntary Action Center and CIVITAS will co-sponsor a volunteer training workshop for people who work with the elderly in nursing homes, in residential facilities and in their own homes.

The meeting is scheduled for Wednesday, March 5, 7:30-9:30 p.m. at the Ithaca facility, S. Quarry St., Ithaca, and is open to anyone who is interested whether or not she/he is currently involved in visiting or activities programs.

The workshop will focus on the recognition and exploration of expectations the volunteer has, and the way in which these expectations interface and sometimes conflict with those of the persons with whom she/he works. Staff members from several programs for the elderly will also share particular problems and situations, and solutions that are realistic and satisfying.

Materials and information on community programs and resources available to the elderly will be provided.

Those interested in attending the workshop should call the Voluntary Action Center, 272-9411, or CIVITAS, 256-7513, before Wednesday.

*Below are some current requests for volunteer help. To respond to any of them, or to get more information about other needs, please call Voluntary Action Center, 272-9411, Monday through Saturday from 9 a.m. to 1 p.m. or call CIVITAS, 256-7513, Monday through Friday from 11 a.m. to 4 p.m.*

*Camp Fire* needs a volunteer to assist with a small group of boys who meet at Henry St. John Elementary school on Wednesdays from 2 to 3 p.m.

*Boynnton Junior High School* needs a volunteer English tutor to work with a Korean-speaking student. Times and days can be arranged within the school schedule.

*Lakeside Nursing Home* needs volunteers to visit with individuals or small groups of residents or to assist with group craft or recreational activities. Late mornings, late afternoons or early evenings of any day can be arranged.

*Cayuga Heights School* needs tutors to work with five students in spelling skills. Times and days are to be arranged.

*Sapsucker Woods Ornithology Lab* needs volunteers to present programs and guide youth groups during their visits to the lab. Training for such service will be given by the staff and the program is scheduled to begin April 1.

*Boynnton Junior High School* needs volunteer math tutors; one to assist a student with general math on any school day from 10 to 11 a.m. and two to assist with algebra; one during morning hours and one from 2:30 to 3:30 p.m. on any school day.

*Health Dept.* needs volunteer visitors for three elderly individuals; one in Groton and two in Ithaca. Times can be flexible, a couple of hours a week on a regular basis.

*Youth Bureau* needs volunteers to work with a central-city youth program in field trip experiences on Saturdays from 10 a.m. to 4 p.m. Transportation to activities is provided.

*4-H* needs volunteers to teach craft skills to small groups of youngsters who meet on Saturday mornings from 9:30 a.m. to noon. Craft skills such as elementary woodworking, macrame, tie-dyeing, cooking, needle-crafts or others that the volunteer can teach are needed.

*Meadow House* needs volunteers who have, or are having, training in special education to work with retarded adults; one working in pre-academics and one working with basic reading and writing. Monday, Wednesday or Friday afternoons at any time.

*Professional Skills Roster* needs a volunteer receptionist-interviewer to assist on Mondays or Thursdays from 9 a.m. to 1 p.m.

*March of Dimes Telethon* needs volunteers to man telephones during five-hour program over WICB-TV, Channel 7, on March 1 from 7 p.m. to midnight. The telephones will be at the Ithaca College television studio on the campus.

### Academic, Financial Dateline

*Thursday, Feb. 27*—Graduate room selection in Sage and Cascadilla for students living in the dorm only.

*Monday, March 3*—Cornellcard bills are out.

—Deadline for Financial Aid Renewal Applications.

—Room sign-up for those who were in 109 Triphammer at 223 Day (Housing).

*Tuesday, Mar. 4*—Wednesday, Mar. 5—Undergraduate lottery number drawing for room selection—third floor, Noyes Center, 9 a.m.-4 p.m.

*Reminders:* Financial Aid Renewal Applications for the 1975-76 academic year are now available in the Financial Aid Office, 203 Day Hall. The application deadline is March 3, 1975.

—Applications for BEOG 1975-76 are available in the Financial Aid Office.

## Milton R. Konvitz

# Professor Ends Teaching

A Cornell teaching career which began 28 years ago was brought full circle by Milton R. Konvitz, an authority on constitutional law, last December as he bade goodbye to some 450 students in the final lecture of his two American Ideals courses, which had been taken by many thousands of Cornell students.

Although formally retired from the Law School and the New York State School of Industrial and Labor Relations (ILR) faculties in 1973, Konvitz continued to teach two ILR courses for two additional academic years.

His American Ideals courses originated more than 30 years ago when Konvitz conceived the idea of offering a course in civil rights when he was

teaching at the New York University Law School. This course, which he believes was "the first course in civil rights offered anywhere in the United States," quickly broadened into the two-part American Ideals course: one stressing civil liberties and civil rights, and its companion course, tracing the religious, philosophical, and historical roots of basic Western ideals.

In concluding his teaching career, Konvitz emphasized the cohesion of his professional academic and personal interests into a single, life-long pursuit: "This American Ideals course has been, admittedly, my central interest for almost all of the 36 years of my life as a teacher. Almost every one of my books, seven out of eight,

has been derived from the course, and in turn been read back into the course. It has not been an abstract interest, but has been part of the very tissue of myself....

Konvitz assured his students he would continue to work on his ideas in the future as in the past.

He closed with a metaphor drawn from William James' discovery of his New Hampshire summer house which contained "fourteen doors all opening outside."

Konvitz translated this description into a metaphor embodying the essence of his teaching career in American Ideals. "The greatest deprivation is that which we impose upon ourselves — our self-made prisons, the doors that we ourselves close and lock, and after a while we sometimes even throw away the key, so that by the time the end comes, we discover that we had not even lived. If you take anything away with you from the course, let it be this: let your life be a house with at least 14 doors, and all of them opening to the outside."

Konvitz left the classroom for the last time to begin work, as a Fellow of the National Endowment for the Humanities (1975-76), on a book detailing the concept of fundamental rights as it has emerged in Western political thought and American constitutional doctrine.

## Open Meeting Treats Task Forces, COSEP

Task forces and plans for COSEP dominated discussion at an open meeting of the Senate Planning Review Committee held yesterday afternoon in the Memorial Room of Willard Straight Hall. Billed by committee chairman Harold Feldman as an opportunity for public discussion of the recommendations and implications of the report of the trustee ad hoc committee on capital financing (The Weiss Committee), the focus of the meeting soon shifted.

Provost David C. Knapp, asked about the University's plans for courses offered by the Learning Skills Center, told the audience of some 40 persons that discussions have taken place to see whether college departments could effectively offer courses now offered by the Learning Skills Center. Knapp said the administration is concerned with the low enrollment in the courses presently and with the drop-out rate and that it is trying.

*Continued on Page 11*

## Sage Notes

Applications for Summer Fellowships and for Summer Tuition Fellowships are available in the Fellowship Office, 116 Sage Graduate Center. Summer Fellowship Awards will be for \$750 (no dependency allowance) for 10 weeks of graduate study. No double holding is permitted for the entire 10 weeks. A completed application, endorsed by the Special Committee Chairman, must be in the Office of the Graduate Faculty Representative by April 1, in order to be considered for summer support. To be eligible, a student must be registered in the Graduate School.

A few summer school tuition fellowships will be awarded to registered graduate students who are required to take a course during one of the summer sessions. Completed applications, endorsed by committee chairmen, must be received by the Fellowship Office, 116 Sage Graduate Center on or before April 1.

The deadline for receipt of add/drop course forms is April 4. Please get these into the Graduate School Office as soon as your schedule is finalized.



## Mary Donlon Alger Professor

# FALCON Leader Flies to Japan

Eleanor H. Jorden, the Mary Donlon Alger Professor of Linguistics at Cornell, has been invited to visit Japan in March as the guest of the Japanese government.

While in Japan, Jorden will give talks to university faculty and to linguists at the Japanese National Language Research Institute in Tokyo on teaching Japanese to American students.

Jorden says that the invitation is probably directly related to her work as director of the Cornell FALCON—Full Year Asian Language Concentration—program in Japanese. Students in the FALCON program—often referred to as Falcons—study only the Japanese or Chinese language for a full calendar year, six hours a day, five days a week, earning a total of 44 credits. More than 100 students have participated in the FALCON program, which is now in its third year.

"Japanese is a particularly difficult language for

Americans to learn," Jorden said. "If a student is trying to learn Japanese while simultaneously taking other courses or trying to fulfill degree requirements, his concentration is diffused and his progress is delayed."

"The uninterrupted study of Japanese or Chinese enables the student to achieve a level of competence in the language that is at least the equivalent of three or four years of part-time study," said John McCoy, associate professor of linguistics and director of the FALCON/Chinese program.

"We are very pleased with the success of the program, in terms of its ability to prepare students for work in China or Japan or as the foundation for continuing Asian studies," he said.

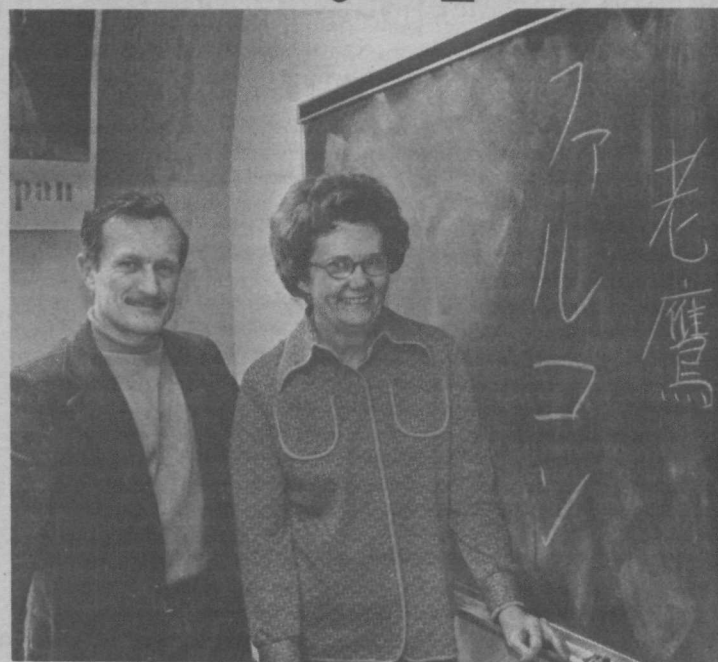
Jorden said that about 90 per cent of those who have completed the FALCON/Japanese program have continued their studies or have taken jobs in Japan.

One former Falcon is now spending his junior year studying at a university in southern Japan and he isn't following a special curriculum for foreigners. Within only a few weeks of his arrival, he won third prize in a Japanese public speaking contest with special commendation for his command of the Japanese language.

Three former Chinese Falcons are now in an advanced language program in Taipei. Admission to the program is based on a competitive examination. Most of the other students participating in the program studied Chinese for three to five years at other institutions.

The FALCON program is not limited to Cornell students. In fact, about two-thirds of the Falcons come to Cornell from other institutions, just to participate in the program.

While classes are fairly evenly divided between graduate and undergraduate students, a



John McCoy, director of FALCON/Chinese and Eleanor H. Jorden, director of FALCON/Japanese explain the characters for "FALCON" on the blackboard. On the left is the Japanese syllabary; the Chinese characters are on the right.

## Energy Flow Study in Peru

Continued from Page 1

supply of energy, the Nunoans have maintained themselves in the puna for centuries.

They raise native Andean crops and animals such as the llama and alpaca. The diversity they have built into their economy, he said, protects them against an unpredictable climate that can cause partial or complete crop failures.

Since energy production in their valley accounts for less than half of the total calories needed by the population, however, exchange of animal products for high energy foods such as corn grown at lower elevations is an essential adaptive strategy of the Nunoans.

The large family size preferred by the Nunoan people is advantageous because from age 6 through 18, children produce more energy than they consume. The average 12-year-old, for example, can tend the family's herd as well as an adult man, but will expend 30 per cent less energy.

Compulsory education for

Nunoan children would severely reduce their participation in the work force, Thomas said. If their work had to be performed by adults, more energy would be expended and other activities such as trade would be carried out less efficiently.

Thomas explained that several other scientists studying energy flow have discovered unanticipated problems in areas where local populations lose control of the energy flow through their system to outsiders who do not

understand local problems.

Energy flow investigators are now working to determine which variables in the energy flow system are most important and to gather more and better field data on them. This can then be used to formulate a predictive model based on energy flow which can be used as a tool in land-use planning.

Thomas hopes that his own work can soon be extended to cover an entire valley system in Peru extending from the tropics to the high puna area where the Nunoans live.

### Career Center Calendar

Interested students should watch for the following deadlines:

**February 28:** Application deadline for the ATGSB (Business Boards). The test itself will be conducted March 22.

**March 1:** Application deadline for the OCAT (Optometry College Admission Test). The test itself will be conducted March 22.

**March 7:** Case Western Reserve University School of Management will conduct interviews with interested students. Sign up now at the Career Center.

**March 10:** Application deadline for the Connecticut Graduate Awards.

See the Career Center for complete details.

## Calendar

Continued from Page 12

8:15 p.m. Music Department Concert: Faculty Concert. John Hsu, viola da gamba and cello; William Austin, harpsichord and piano. Works of Marais, Bach and Rachmaninoff. Barnes.

8:15 p.m. \*University Theatre presents: "A Streetcar Named Desire." Willard Straight Theatre.

9:30 p.m. Risley Free Film Series: "Riverrun," directed by John Korty. Risley Theatre.

### Exhibits

Goldwin Smith Gallery: Drawings and prints by Jerry Bass, through March 7. Hours 9 a.m. - 5 p.m. Monday through Friday.

Olin Library: "Samuel Johnson and James Boswell." Rare books and prints commemorating 200th anniversary of the publication of Johnson's *Journey to the Western Islands of Scotland*.

History of Science Collections: 215 Olin Library. Recent Acquisitions, changed monthly: March 4-April 8: Old Cameras.

March 1-30: Grafica Oggi, exhibition of sixty prints from the studio of Eleonora and Valter Rossi.

Feb. 15-March 23: Four Centuries of Scenic Invention, a selection of 125 stage and costume designs from the collection of Donald Oenslager, covering theatre from 1535 to the present.

Through March 9: Clarence Schmidt.

### Announcements

Undergraduate Book Collection — Entries for the 1975 Dean Book Collection Contest are due Tuesday, April 1. For information please inquire at the Uris Library Reference Desk.

Every Monday at 7:45 p.m. Ornithology Seminar at Lyman K. Stuart Observatory.

INTRAMURAL VOLLEYBALL: Deadline for entries for men and co-ed is Wednesday, March 12, 4 p.m. in the Intramural Office, Grumman Squash Courts. For men, a minimum of nine names will be accepted on a roster to enter. For co-ed, a minimum of ten names will be accepted on a roster to enter (equal number of men and women). Play for both starts Monday, March 31.

INTRAMURAL BADMINTON: Deadline for entries for men,

women and co-ed is Thursday, March 13, 4 p.m. in the Intramural Office, Grumman Squash Courts. All three tournaments will be straight eliminations (doubles only). Co-ed requires equal number of men and women. For Women's Intramural Badminton, entries may sign up at Helen Newman Office, same deadline.

WOMEN'S INTRAMURAL ICE HOCKEY: Deadline on entries is Monday, March 10, 4 p.m. in the Intramural Office, Grumman Squash Courts or Helen Newman Office. Recommended minimum of ten per entry.

\*Admission Charged.

Attendance at all events is limited to the approved seating capacity of the hall in which they are presented.

All items for the Cornell Chronicle Calendar must be submitted to the Office of Central Reservations, 32 Willard Straight Hall (either through the mail or by leaving them at the Straight desk), or call Carol Adams, 6-3513 at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.



# The Senate Page

The Senate Page is the official bulletin of the Cornell University Senate. Publication is supervised by Michael E. Fisher, secretary of the Senate, 133 Day Hall. 256-3715.

NEXT SENATE MEETING: Tues., March 4, 7:30 p.m., Bache Auditorium, Malott Hall.

## Calendar

THURSDAY, February 27

Judicial Administrator  
Search Committee, 11:15 a.m.,  
Senate Office

Housing Subcommittee, 4  
p.m., 103 Barnes Hall.

Committee on the University  
as an Employer, 5 p.m. G92  
Uris

Calendar Committee, 7 p.m.,  
100 Goldwin-Smith

Senate Meeting, 7:30 p.m.,  
Kaufmann Auditorium,  
Goldwin-Smith

TUESDAY, March 4

Senate Meeting, 7:30 p.m.,  
Bache Auditorium, Malott Hall.

## Proposed Agenda

March 4, 1975  
Bache Auditorium  
7:30 P.M.

1. Report from outgoing Speaker and announcements (15)
2. Approval of agenda
3. Description of duties of officers (10)
4. Description of duties of caucus elected committees (15) (Executive Committee, Committee on Committees, Campus Life Committee, Committee on Academics, Planning Review Committee)
5. Election of Speaker
  - a. Nominations
  - b. Speeches\*
  - c. Question and answer period (10)
  - d. Balloting\*\*
6. Election of the Secretary

- a. Nominations
- b. Speeches\*
- c. Question and answer period (5)
- d. Balloting\*\*

7. Election of Committees by Caucuses (Executive Committee, Committee on Committees, Campus Life Committee, Committee on Academics, Planning Review Committee)

- a. Caucuses by constituency\*\*\*

1. Undergraduates
2. Graduates
3. Employees
4. Tenured Faculty
5. Non-tenured Faculty
6. Non-voting Senators
8. Confirmation of elections in caucuses
9. Election of two at-large Executive Committee members (cannot both be students, faculty or employees)

- a. Nominations
- b. Speeches\*
- c. Question and answer period (5)
- d. Balloting\*\*

10. Election of two at-large Campus Life Committee members (cannot both be students, faculty or employees)

- a. Nominations
- b. Speeches\*
- c. Question and answer period (5)
- d. Balloting\*\*

11. Adjournment

\*Special Rule: There shall be one nominating and up to two seconding speeches for each candidate, with 2 minutes allowed per speech. The can-

didate's speech shall follow the seconding speeches, if any. Candidates for Speaker will be permitted to speak for 5 minutes; other candidates will be permitted 3 minutes.

\*\*Balloting: will be consecutive, with the candidate receiving the smallest number of votes eliminated after each ballot, until one candidate receives a majority.

\*\*\*The number to be elected during each constituency caucus is shown below:

Executive Committee: 2 undergraduate students, 1 graduate student, 1 non-tenured faculty, 2 tenured faculty, 1 employee.

Committee on Campus Life: 2 undergraduate students, 1 graduate student, 1 non-tenured faculty, 2 tenured faculty, 1 employee.

Committee on Committees: 3 undergraduate students, 1 graduate student, 2 non-tenured faculty, 2 tenured faculty, 3 other.

Committee on Academics: 2 undergraduate students, 1 graduate student, 2 tenured faculty, 1 non-tenured faculty, and 1 employee.

Planning Review Committee: 1 undergraduate student, 1 graduate student, 1 tenured faculty, 1 non-tenured faculty, 1 employee.

# Gardner Elected Student Trustee

Richard E. Gardner '76 became Cornell students' newest representative to the University Board of Trustees, elected by the student-at-large, when he was declared on Tuesday to be the unofficial winner of last week's general election.

Gardner replaces Jane P. Danowitz, whose term on the board has expired. Gardner's election must be approved by the board before he is seated.

"I think that the most important function of a student trustee is to report to the community on matters being considered by the board," Gardner said. "Of course, a student trustee also represents students as a constituency, but it seems to me that the interests of the students and of the University are parallel—I can't think of any instance where something that isn't good for the University is good for the students."

"Both Bob Harrison and I emphasized in our campaigns the need for some kind of a tuition study, and we were both elected by students. I think this is a pretty clear indication of students' concern over rising tuition and I hope that the board will consider it as such," he said.

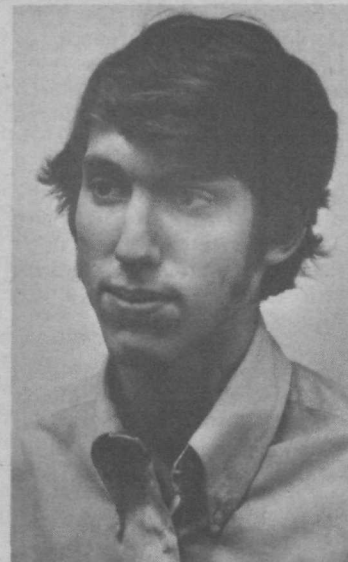
Gardner, a member of the University Senate, is also concerned about the traditional close ties between the student trustees and the Senate. "Usually the student trustees come from people who have been in the Senate," he said. "The student trustee who is elected by the student senators should represent the Senate's interests and be concerned about its welfare. But I think it's important that the trustee elected by the students-at-large be more representative of the entire student body."

Gardner intends to work closely with any students or student organizations that want his help. "Jane Danowitz has filled a really important role by representing student women on the board. I think that one of the student trustees should meet regularly with any interested women's groups to make sure that their interests are presented to the board."

A resident of Risley College, Gardner is also concerned about the representation of Cornell freshmen. He has applied for a position as a resident adviser in a freshman dorm for next year, and hopes to hold some informal get-togethers with freshmen during orientation week to find out their concerns and interests.

A native of Hartsdale, N.Y., a small community in Westchester, Gardner has served as a member of his hometown Democratic Committee and is now working with the National Student Lobby to formulate response toward the implementation of the Higher Education Act of 1972, presently being considered by the House Subcommittee on Education.

"But I was never in student government in high school," he adds.



Richard E. Gardner

Gardner is a geology major in the College of Engineering. He was not officially registered with the University when he submitted his petition to become a student trustee, but became registered in the week following. This irregularity has fostered some controversy about Gardner's eligibility for a student trustee seat.

"The Credentials Committee (of the University Senate) voted unanimously to approve my election," Gardner said, "and there's never been any question in my mind about my eligibility. I really don't think it's been much of an issue for those who know anything about it."

## Medical College Personnel Has New Director

Dr. J. Robert Buchanan, dean of the Medical College, has announced the appointment of Eleanor K. Adams as Director of Personnel at the Medical College.

An experienced specialist in all phases of personnel, Adams comes to Cornell from the American Heart Association where she was Director of Personnel and Training.

Adams attended Wilkes College in Wilkes-Barre, Pennsylvania, and received her B.S. in Business Administration from the University of Southern California, Los Angeles. She is a member of the Association of Personnel Administrators and the New York Personnel Association.

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 end of the Chronicle Calendar on the back page.

## Current Legislative Log

BILL NO. & DATE SUB.	ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
E-132 2/14/75	Makes the Nominations and Elections Committee autonomous from the Executive Committee and updates its charge to reflect the new Employee Trustee.	R. C. Platt	Committee on Committees
E-133 2/17/75	This bylaw revision enables the Executive Committee to speak for the Senate on emergency policy issues during vacation and between semesters.	B. Nichols	Executive Committee
E-134 2/17/75	Recommends that libraries return to their customary opening hours.	Academics Comm.	Academics Comm.
E-135 2/20/75	Prohibits the sale of soft drinks and malt beverages in non-returnable/non-refillable containers on the Cornell University Senate.	Neil Getnick	Dining Subcommittee
E-136 2/21/75	Insures necessary parking spaces due to construction of the Boyce Thompson Institute building.	Parking and Traffic Subcommittee	Parking and Traffic Subcommittee

## Senate Actions — February 18, 1975

SA. NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-314	SPEAKER'S RULING [The Senate cannot instruct the Judicial System to grant amnesty, to grant a pardon, or to decide a case in a certain manner.]		UPHELD
SA-315	COMMITTEE ON COMMITTEE'S STAFFING REPORT [C.O.C. nominations to Graduate Activities Funding Commission, University Review Board and Task Force Liason Committee.]	Committee on Committees	ADOPTED
SA-316	SIXTH SENATE MEETING DATES	Executive Committee	ADOPTED
SA-317	COMMUNITY AUDIT BILL [The Senate recommends that courses be made available to Community members on an audit basis.]	Planning Review Committee	ADOPTED AS AMENDED
SA-318	APPROPRIATED BUDGETS FOR THE DIVISION OF CAMPUS LIFE	Campus Life Comm. and Subcommittees	ADOPTED AS AMENDED



# Senate Election Results

Continued from Page 1

Wells, Carol Williams, John K. Bender, William T. Genter, Jeffrey A. Diver, Douglas C. MacNeil, George P. Hade Jr., Ernest Pittman, Carl Jones  
FACULTY

*Africana Studies* (1 seat) — no candidate.

*Agriculture-Tenured* (7 seats) — Peter L. Minotti, Daniel I. Padberg

*Agriculture-Non-Tenured* (3 seats) — Richard L. Quaas

*Architecture* (1 seat) — Zevi Blum

*Arts & Sciences-Tenured* (6 seats) — Jerrold Meinwald, Piero Pucci, Carl Ginet, Donald F. Holcomb, Frank H. Golay, Anil Nerode

*Arts & Sciences-Non-Tenured* (5 seats) — Richard W. Miller, Edwin Thomas Burton, III, Joseph F. Veverka, Thomas Jeffers, Brian F. Chabot

*Business & Public Administration* (1 seat) — Thomas M. Lodahl

*Engineering-Tenured* (4 seats) — Bart Conta, Kuo K. Wang, Benjamin Nichols, W.H. Erickson.

*Engineering-Non-Tenured* (1 seat) — John F. Abel.

*Geneva* (1 seat) — Donald K. Ourecky

*Health Services* (1 seat) — Ralph W. Alexander

*Hotel Administration* (1 seat) — John E. H. Sherry

*Human Ecology* (3 seats) — John Harding, Charlotte Farris

*Industrial & Labor Relations* (2 seats) — Ronald Donovan

*Law* (1 seat) — Kevin Clermont

*Veterinary Medicine* (2 seats)

— Ronald David Schultz, Louis Leibovitz

MISCELLANEOUS

*Librarians* (1 seat) — Chris-

tian Boissonnas

*Military Sciences* (1 seat) — Carl E. Ekberg

*Non-Professorial Academics*

(1 seat) — Edgar Durbin, Jr.

## Task Forces Aired

Continued from Page 8

ing to find ways to solve these problems.

"There has been no suggestion to eliminate minority positions," Knapp said in response to a question about what would happen to COSEP staff in the event of a reorganization of functions now performed by COSEP. Knapp added that COSEP staff members have been involved in the discussions and that they had reservations about the ability of departments to be effective in offering learning skills courses. (Related story on Page 1.)

Ian R. Macneil, professor of law, director of the study on University priorities appointed by President Corson, answered questions on the task forces being established to examine specific areas. Asked how many students had been appointed to task forces, Macneil said, "I have no idea." He said he did not have "a quota system," but was looking for "good qualified people." He said it was more difficult to identify students to serve and to check their credentials, but that there would be students on some of the task force committees.

"On some committees stu-

dents would be counterproductive," Macneil said, citing the task force on faculty compensation, termination and retirement. On others, such as the general services task force, it doesn't matter if there are students or not. It so happens there is a student on that task force." On other task forces, Macneil said he would specifically seek student representation.

Responding to charges that his approach was "elitist" because it was not more representative, Macneil said it was difficult in 10 weeks to name more than 25 task forces staffed with "people who know enough about the specific problem, but who don't have a commitment to an existing approach."



## Bulletin Board

### Experimental College Teachers

The University Unions Experimental College, an educational program offering informal non-academic courses, is looking for volunteer teachers for its six-week spring semester series, scheduled to begin March 10. Courses in the past have included auto mechanics, birdwatching, gourmet cooking, bartending, bridge, quilting, yoga, drawing, bicycle repair, and dog obedience training, but the college is willing to offer any course for which it can find a volunteer teacher and suitable classroom space.

Members of the Cornell community interested in teaching some skill, craft or non-academic body of knowledge to an informal class of eager students may contact the University Unions Program Office, 35 Willard Straight, 256-7131, preferably before March 3.

### Mortar Board Applications

Mortar Board, an active senior women's honor society, is now accepting applications for membership. Any Junior woman with a cumulative grade point average of 3.0 is eligible to apply. Applications are available from each school's college office or from Karen DeMarco, 273-2501. The application deadline is March 14.

### Grant Deadline Tomorrow

Tomorrow, Feb. 28, is the deadline for applications for the Center For International Studies research grants for 1974-75. Grants will be awarded to both Cornell faculty and graduate students, with notification by March 21.

Grants for up to \$2,500 will be awarded competitively to faculty members up to the rank of assistant professor for research of direct relevance to international or comparative studies. These grants may be used for research-related travel, employment of a research assistant, released time from teaching, summer support, supplies and technical assistance including computer expenses.

Graduate student grants have a limit of \$500. Students, whose research is on topics of international and comparative studies, may apply. Applications will be reviewed competitively by a faculty committee. Grants are made for research related travel, technical assistance including computer expenses, and supplies or equipment directly related to research.

Further information and applications are available from the Center for International Studies, 170 Uris Hall, 256-6370.

### Career Options For Women: Three Programs Planned

Exploring changing career options for women will be the focus of a series of panel discussions sponsored by the Career Center, according to Charlotte Shea, assistant director.

The first program will be on "Alternatives: Non-traditional Careers and Career Planning" at 4 p.m. Wednesday, March 5 in the One World Room, Anabel Taylor Hall. Scheduled panelists are Pamela Kellogg, patrol officer, Safety Division; Polly Gibbons, free-lance writer; J. Courtney Fletcher, personnel director, Citizen's Savings Bank, and Sheilah O'Brien, graduate student in business and public administration, Cornell.

The second program to be held in the same location, will begin at 7:30 p.m., April 16 on "Women in Science and Technology." Panelists will be Alison Casarett, associate dean, Graduate School and a biologist; Margaret Stone, senior curator, L.H. Bailey Hortorium, a botanist; and Tulin Tuzil, chemical engineer, and Vicki Frank, saleswoman, both with the Olin Corp., Stamford, Conn.

Details for a third program this semester on "Risk: Do You Know How to Take a Chance?" will be announced at a later date.

The public is invited free of charge.

### Finance Commission Seeks Student Members

Any Cornell undergraduate who is interested in serving on the Student Finance Commission (SFC) must submit an application by 5 p.m. Friday, Feb. 28, at the Student Activities Office, 26 Willard Straight Hall.

The Undergraduate Student Finance Commission funds more than 100 student organizations on campus, such as the Native American Association, Asian-American Coalition, Volleyball Team, United Sisters and Gay Liberation.

The SFC is given a budget

from the University Senate with broad guidelines as to how money is to be distributed. The commission then examines a line-item budget from each group requesting funding, and judges each budget on its own merits.

"The job of the SFC will be particularly challenging in 1975-76," said Douglas Auer, student finance commissioner, "because of the 10 per cent cut-back in funds to the SFC voted by the University Senate."

Auer added that the duties of a student on the SFC take about three hours per week.

## Office of Academic Funding New Awards Received

The Office of Academic Funding announced the following new grants and contracts for sponsored programs for the Ithaca and Geneva units of the University.

Project Director	Department	Title	Sponsor	Amount	Period
Allee, D.J.	AG ECON	A Partial Flood Damage Control for Binghamton, New York	Army	9,400	7 mos.
Bowers, R.	STS	Listing of Programs in Ethical and Human Value Implications of STS	NSF	9,660	1 yr.
Clark, D.D.	APPLIED PHYSICS	Experimental Investigation of Shape Isomers---and Related Topics	NSF	69,996	1 yr.
de Boer, P.T.	MECHAERO	Hydrogen Fuel Diesel Engine Tests	NASA	8,000	2 mos.
Gold, T.	CRSR	Theoretical Solar System Studies	NSF	40,061	1 yr.
Goodrich, D.C.	AG ECON	Sea Grant---Development of a Fish Marketing Program	NYS	2,000	1 yr.
Klippstein, R.N.	NUT	Information and Training for Older Americans	NYS	20,000	1 yr.
Lancaster, D.A.	ORNITH	Behavioral Differences in Lekking Ruffs	Nat'l Geo-graphic Soc.	4,610	4 mos.
Long, F.A.	STS	Economic Feasibility, Time Scale for Underground Peaceful Nuclear...	ACDA	10,000	3 mos.
McLafferty, F.W.	CHEM	Automated Instrumentation for Mass Spectrometry---Chromatography	NSF	25,000	1 yr.
Mondy, N.I.	NUT	The Potato Research Grant	R.T French Co.	2,000	2 yrs.
Muckstadt, J.	OPERRES	Multi-Echelon Model for Procurement	Navy	9,567	6 mos.
Neisser, U.	PSYCH	Memory and Intelligence in an African People	NSF	3,700	1 yr.
Roberts, J.W.	BIOCHEM	Gene Control in Infection and Lysogeny by Phage Lambda	NIH	52,484	1 yr.
Root, R.B.	ENTOMOLOGY	Plant-Arthropod Association	NSF	21,265	2 yrs.
Visek, W.J.	ANIMAL SCIENCE	Nutrient Sparing by Antibiotics in Animal Feeds	FDA	51,338	1 yr.
Wehe, R.L.	MECHAERO	Control Elements for an Unmanned Martian Roving Vehicle	NASA	80,000	1 yr.
Young, M.W.	JOHNSON MUS.	Utilization of Collections	NFAH	5,000	1 yr.

#### LEGEND

ACDA---Arms Control Disarmament Agency  
NIH---National Institutes of Health  
NASA---National Aeronautics & Space Administration  
NSF---National Science Foundation  
FDA---Food and Drug Administration  
NFAH---National Foundation for Arts & Humanities



# Calendar

## February 27-March 8

### Thursday, February 27

4 p.m. Lecture: Professor Eckehard Catholy of the University of Toronto will lecture in German on "Der Mimische Goethe." Goldwin Smith 156.

4:30 p.m. Materials Science Colloquium Series: "Radiation Induced Segregation to Voids." Dr. Paul Okamoto, Argonne National Laboratories, Materials Science Division, Argonne, Ill. Bard 140. Coffee at 4 in Bard Hall lounge.

4:30 p.m. Microbiology Seminar: "Duplication of the Ribitol Dehydrogenase Gene in *Klebsiella aerogenes*." Dr. Clark Inderlied, Dept. of Microbiology, University of Mass. Stocking 124. Coffee at 4:15.

4:30 p.m. Engineering Open House '75 for Freshmen and Sophomores: Electrical Engineering. Phillips 232.

4:30 p.m. Messenger Lecture Series: "The Limits of Formal Criticism: Beethoven after 1815." Third of a series of three. Charles Rosen. Barnes.

4:30 p.m. "Public Buildings as Museums." Slide presentation on another function of public buildings. J. Walter Roth, A.I.A., Chief Professional Support Branch, General Service Administration, Washington, D.C. Martha Van Rensselaer 317.

6 p.m. Club France Table Francaise. Meet people over coffee. Ivy Room (last table). Straight.

6 p.m. The Cornell Christian Science Organization invites students to a Readings and Testimony meeting in the Founders Room, Anabel Taylor.

7 & 9 p.m. Noyes Center Free Film Series: Humphrey Bogart, Bette Davis night with "Dark Victory" and "Kid Galahad." Noyes third floor lounge. Sponsored by Noyes Board.

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

7:30 p.m. Pirke Avot. The Forum, Anabel Taylor.

7:30 p.m. University Senate Meeting. Kaufmann Auditorium.

8 p.m. Theology for Adults, led by Fr. Dave Callan. Founders Room, Anabel Taylor. Last of series.

### Friday, February 28

12:15 p.m. Women's Studies Sandwich Seminars: "Eroticism and Idealism in the Depiction of Women, A Study in Relational Awareness." LeGrace Benson, assistant professor of art, Wells College. ILR Conference 300. Child care provided. Coffee Available; bring a bag lunch.

3:30 p.m. Energy, Agriculture and Waste Management Series: "Processing Organic Solids for Methane Gas Production." Dr. J. T. Pfeffer. Prof., Dept. of Civil Engineering, University of Illinois, Urbana. Riley-Robb 105. Refreshments will be served at 3:30 in the lounge area.

4 p.m. \*Freshman Hockey - Pennsylvania. Lynah Rink.

4-6 p.m. Noyes Center Pub. Guitar vocalist-Steve Snider. Free Admission. Sponsored by Noyes Center Board.

5 p.m. Shabbat Service. Young Israel.

6 p.m. Shabbat Service. Founders Room, Anabel Taylor.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Life of Adolf Hitler," directed by Paul Rotha. Uris Auditorium.

7 & 9:15 p.m. \*Cornell Cinema Film: Goldie Hawn in "The Sugarland Express." Statler Auditorium.

8 p.m. \*Varsity Hockey - Pennsylvania. Lynah Rink.

8:15 p.m. Evensong Service at Sage Chapel in honor of the Chapel's 100th anniversary, sponsored by the Sage Chapel choir.

8:30 p.m. \*Cornell Folk Song Club Concert: Bill Staines. Temple of Zeus, Goldwin Smith.

8:30 p.m. Shabbat Service. Hi Rise Lounge No. 1.

9 p.m. "Power Hour." Sponsored by Campus Crusade for Christ. Noyes Center 308.

### Saturday, March 1

9:30 a.m. Shabbat Service. Edwards Room, Anabel Taylor.

9:30 a.m. Shabbat Service (Conservative). The Forum, Anabel Taylor.

1-4 p.m. Noyes Center Mini-craft Series. Leather belt making. First floor lounge. Sponsored by Noyes Center Board.

2:30 p.m. Talmud Shiur. Young Israel House.

3 p.m. \*Adventure Film: "Hercules." Uris Auditorium.

Sponsored by Omnibus.

5:15 & 11:30 p.m. Catholic Masses. Anabel Taylor Chapel.

7 & 9:15 p.m. \*Cornell Cinema Film: Goldie Hawn in "The Sugarland Express." Statler Auditorium. Limited to Cornell community.

7 & 9:15 p.m. \*Cornell Cinema Film: "Claudine" starring James Earl Jones. Uris Auditorium. Limited to Cornell community.

7 p.m. \*Film. Sponsored by the Chinese Student Association. Ives 120.

7:30 p.m. Gymnastics - Navy. Teagle.

8 p.m. Hillel Film: "I Love You Rosa." Anabel Taylor Auditorium.

8 p.m. \*Caribbean Dance Theatre. Martha Van Rensselaer Auditorium. Sponsored by West Indian Student Association.

8:15 p.m. \*Cornell Polo - University of Virginia. Oxley Polo Arena.

8:15 p.m. Music Dept. Concert: Student Concert. Harris Lindenfeld. D.M.A. Recital for Composition. Barnes.

8:30 p.m. \*Heptagonal Game. Barton.

9:30 p.m. Risley Free Film Series: "Out Of It," with Jon

Voight and Barry Godron; directed by Paul Williams. Risley Theatre.

### Sunday, March 2

9:30, 11 a.m. & 5 p.m. Catholic Masses. Anabel Taylor Auditorium.

9:30 a.m. Holy Communion Episcopal Church at Cornell. All are welcome: students, faculty and families. Anabel Taylor Chapel.

10 a.m. Friends Meeting for Worship. Child care provided. Discussion at 11 a.m. All are welcome. The Forum, Anabel Taylor.

11 a.m. Sage Chapel Convocation: James P. Morton, Dean, The Cathedral Church of St. John the Divine, New York City.

1 p.m. Alpha Phi Omega General Meeting: Straight North Room.

2 p.m. Dance Recital: Belly Dancing. Straight Memorial Room. Sponsored by Willard Straight Board.

3 p.m. \*Film: "Hercules Unchained." Uris Auditorium. Sponsored by Omnibus.

4 p.m. Music Dept. Concert: Faculty Concert. Jerry Davis, oboe. Barnes. Works of Vivaldi, Loeffler and Silsbee.

7 p.m. Table Tennis Clinic, followed at 7:30 p.m. by Round Robin Singles. Barton. Newcomers welcome.

7 & 9:15 p.m. \*Cornell Cinema Film: "Claudine," starring James Earl Jones. Uris Auditorium. Limited to Cornell Community.

8 p.m. Lecture/Demonstration: Robert A. Moog on the Moog Synthesizer. Noyes third floor lounge. Sponsored by the Noyes Board & Sperry Hall. Free Admission.

8 p.m. International Talent Show. Sponsored by the International Activities Group. Statler Auditorium.

### Monday, March 3

4 p.m. Jugatae Seminar Series: "Switching Behavior in the Parasitoid *Nasonia vitripennis* and Its Effects in the Population Dynamics of its Three Host Species." Howard Cornell, graduate student, Dept. of Entomology, Cornell. Warren 245.

6:30 p.m. Women's Intercollegiate Bowling - Wells. Helen Newman Gym.

7 & 9:15 p.m. \*Cornell Cinema Film: "Diary of a Chambermaid," directed by Jean Renoir, starring Paulette Goddard and Burgess Meridith. Attendance limited to Cornell Monday Night Film Club Members. Uris Auditorium.

7:30 p.m. Food Facts and Fads Lecture: "Is Your Vitamin Intake Too High or Too Low?" M.L. Scott, Dept. of Poultry Science. Uris Auditorium.

7:30 p.m. West Campus Trivia Contest. Noyes Center first floor lounge. Sponsored by Noyes Center Board.

7:30 p.m. Modern Jewish History. Anabel Taylor 314.

7:45 p.m. Ornithology Seminar. Lyman K. Stuart Observatory.

8 p.m. University Lecture: "A Missing Chapter in the History of U.S. Documentary Films: Social and Political Films of the 1930's." Thomas Brandon. Kaufmann Auditorium.

8-11 p.m. North Campus Union Trivia Competition. North Campus Union first floor lounge. Sponsored by NCU Board.

### Tuesday, March 4

4:30 p.m. Physiology Seminar: "Comparative Aspects of the Control of Sexual Behavior by Sex Hormones with Special Reference to Birds and Reptiles." Dr. Elizabeth K. Adkins, psychology, SUNY, Cortland. Morrison 348. Coffee and tea at 4:15.

4:30 p.m. Department of Geological Science Seminar: "Evidence for grand scale mobilization of basement rocks in the core of the Taconic Zone, Western New England." Dr. Nicholas Ratcliffe, CUNY, New York City. Kimball B-11. Coffee at 4 p.m.

7 & 9:15 p.m. \*Classic Japanese Film Series: "Yojimbo," directed by Kurosawa. Anabel Taylor Auditorium. Open to the public. Sponsored by China-Japan Program and Cornell Judo Club.

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

7:30 p.m. West Campus Trivia Contest. Noyes Center first floor lounge. Sponsored by Noyes Center Board.

7:30 p.m. University Senate Meeting. Bache Auditorium. Malott Hall.

8-11 p.m. North Campus Union Trivia Competition. First floor lounge. Sponsored by NCU Board.

8 p.m. Eckankar, "The Ancient Science of Soul Travel." Founders Room, Anabel Taylor. Open to the public.

8 p.m. \*Cornell Cinema Film: "Bedazzled," directed by Stanley Douc, starring Peter Cook, Dudley Moore, Raquel Welch. Limited to Cornell Community. Uris Auditorium.

9 p.m. Noyes Center Pub Flicks: "Beach Party Bingo." Noyes Center Pub. Sponsored by Noyes Center Board.

### Wednesday, March 5

12-5 p.m. Open House at the Nutrition Learning Center. Refreshments will be served. All are welcome: students, faculty and families. Van Rensselaer 335.

4:30 p.m. Food Science Seminar: "Physical and Enzymatic Modification of Soy Protein for Increased Water Binding Capacity." Patricia A. Richmond, graduate student, Dept. of Food Science, Cornell. Stocking 204. Refreshments 4:15 p.m.

7-8:15 p.m. Beginners/Advanced Hebrew Instruction. Anabel Taylor 314.

7:30 p.m. West Campus Trivia Contest. Noyes Center first floor lounge. Sponsored by Noyes Center Board.

7:30 p.m. Book of Jonah, Bible Text Study. Anabel Taylor G-34.

8 p.m. \*Cornell Cinema Film: "Pratiwandi (The Adversary)," directed by Satyajit Ray. Limited to Cornell Community. Uris Auditorium.

8-10 p.m. Jewish Defense League Lecture: Rabbi Meir Kahane, Jewish Defense League. Statler Auditorium.

8 p.m. \*Russian and East European Film Series: Grigory

Chukhrai's "Ballad of a Soldier." (Russian, 1960). Morrill Auditorium 106. Sponsored by Dobro Slovo and the Soviet Studies Committee.

8-11 p.m. North Campus Union Trivia Competition. North Campus Union first floor lounge. Sponsored by NCU Board.

### Thursday, March 6

3-5 p.m. Western Societies Program Seminar: "The Regional Policies of the European Communities." M.C. MacLennan, University of Glasgow. Uris 202.

4-6 p.m. Debate on Academic Quality. Ives 110. Sponsored by Aleph Samach.

4:15 p.m. University Senate Meeting. Kaufmann Auditorium.

4:15 p.m. Society for the Humanities Lecture: "Erotic Heroism in 18th Century Literature." Peter Hughes, Department of English, University of Toronto. Senior Fellow, Society for the Humanities. Kaufmann Auditorium.

4:30 p.m. Materials Science Colloquium Series: "Glass-Ceramic Microstructures." Dr. G. Beall, Corning Glass, Corning, New York. Bard 140. Coffee at 4 p.m. in Bard Hall lounge.

4:30 p.m. Microbiology Seminar: "Microbial Methylation of Mercury." Dr. James Bisogni, Civil and Environmental Engineer, Cornell. Stocking 124. Coffee at 4:15.

6 p.m. Club France Table Francaise. Meet people over coffee. Ivy Room (last table). Straight.

6 p.m. The Cornell Christian Science Organization invites students to a Readings and Testimony meeting in the Founders Room, Anabel Taylor.

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

7:30 p.m. Pirke Avot. The Forum, Anabel Taylor.

7:30 p.m. West Campus Trivia Contest. Noyes Center first floor lounge. Sponsored by Noyes Center Board.

8 p.m. Free Film Series: North Campus Union Multipurpose Room. "The Women's Happy Time Commune." Sponsored by NCU Board.

8 p.m. Department of Linguistics Lecture: "Recent Explorations in Transformational - Montague Grammar." Professor Barbara Hall Partee, Department of Linguistics, University of Massachusetts. Morrill 106. Sponsored by Cornell Linguistics Circle.

8-10:30 p.m. Lecture: "Ms Seymour Hersh." Ives 120. Sponsored by Forum.

8-11 p.m. North Campus Union Trivia Competition. North Campus Union first floor lounge. Sponsored by NCU Board.

8:15 p.m. \*University Theatre presents: "A Streetcar Named Desire" by Tennessee Williams. Willard Straight Theatre.

### Friday, March 7

12:15 p.m. Women's Studies Sandwich Seminar: "Women and the Law: A Panel Discussion." Elizabeth Bixler Yanof, JD; Laura Holmberg, LLB; Marie Provine, JD. ILR Conference Center 300. Child care provided. Coffee available; bring bag lunch.

3:30-5 p.m. Energy, Agriculture and Waste Management Series: "Agriculture as an Energy Generating Sector and Its Application To Developing Countries." A.D. Poole, Research Assistant, Institute for Public Policy Alternatives, SUNY, Albany, New York. Riley-Robb 105. Refreshments at 3:30 in the lounge area.

5 p.m. Shabbat Service. Young Israel.

6 p.m. Shabbat Service. Founders Room, Anabel Taylor.

7 & 9:15 p.m. \*Cornell Cinema Film: "Les Birches," directed by Claude Chabrol, starring Stephane Audran and Jean-Louis Trintignant. Limited to Cornell Community. Uris Auditorium.

7 & 9:15 p.m. \*Cornell Cinema Film: Two Canadian Films: "Kamouraska" starring Genevieve Bujold, and "La Vrai Nature De Bernadette," shown in conjunction with the week-long Quebec Festival at Cornell. Open to the public. Statler Auditorium.

7 p.m. Cornell Christian Fellowship. Rev. Harold Burkhart. "Loving The Scriptures." Uris Hall 202.

7:30 p.m. Women's Intercollegiate Ice Hockey Invitational. Lynah Rink.

8 p.m. Movie: "A Star Is Born," starring Judy Garland and James Mason. Free. Open to the public. Ives 120. Sponsored by Cornell Film Society.

8-11 p.m. North Campus Union Trivia Competition. North Campus Union first floor lounge. Sponsored by NCU Board.

8:15 p.m. \*University Theatre presents "A Streetcar Named Desire." Willard Straight Theatre.

8:15 p.m. Music Department Concert: Faculty Concert. John Hsu, viola da gamba and cello; William Austin, harpsichord and piano. Works of Marais, Bach and Rachmaninoff. Barnes.

8:30 p.m. Hi Rise Shabbat Service. Hi Rise Lounge No. 1.

9-10:30 p.m. "Power Hour." Noyes Center 308. Sponsored by Campus Crusade for Christ. Everyone welcome.

### Saturday, March 8

9 a.m. - 6 p.m. Cornell Co-Ed Invitational Bowling Meet. Helen Newman Gym.

9:30 a.m. Shabbat Service. Edwards Room, Anabel Taylor.

9:30 a.m. Shabbat Service. (Cons.) The Forum, Anabel Taylor.

1-4 p.m. Noyes Center Mini-Craft Series. Terrarium Making. Bring your own bottles. Noyes Center first floor lounge. Sponsored by Noyes Center Board.

2:30 p.m. Talmud Shiur. Young Israel.

3 p.m. \*Adventure Film: "Time Machine." Uris Auditorium. Sponsored by Omnibus.

5:15 & 11:30 p.m. Catholic Masses. Anabel Taylor Chapel.

7 & 9:15 p.m. \*Cornell Cinema Film: "The Harder They Come," directed by Perry Henzell, starring Jimmy Cliff. Limited to Cornell Community. Uris Auditorium.

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