



# CORNELL CHRONICLE

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David Law, a graduate student in electrical engineering, works under a special air-filtering hood in the department's new semiconductor crystal laboratory. To maintain the almost dustless conditions in the laboratory, all users must wear smocks and special hair and foot coverings.

## Cornell to Build Clean-Air Lab

Talk about clean air! Cornell's new laboratory for semiconductor crystal growth and processing will have work areas where the air contains not more than 100 tiny particles in each cubic foot of space.

That may not sound impressive until you realize that standard Ithaca air, even though it looks clear and smells pure, contains from 100,000 to a million small particles in each cubic foot.

The dust-free laboratory conditions are necessary for researchers in the University's College of Engineering who grow crystals for use in semiconductor microwave devices and integrated optical equipment.

The crystals, which are about the size of postage stamps, are made of silicon, gallium arsenide or indium phosphide in special furnaces. They are then diced into pieces the size of pinheads and incorporated into circuits where they act as amplifiers and oscillators.

Semiconductor microwave devices are attractive commercially because of their small size, reliability and long life.

The laboratory will be used for research by six professors and some 30 graduate assistants. About a third of the 3,200 square feet will be devoted to instructional facilities where undergraduates in a course on integrated circuit technology can work in a professional quality laboratory.

All who use the laboratory will enter through special air locks and wear smocks, hair coverings and plastic shoes to prevent contamination. Temperature and humidity will also be carefully controlled.

Support for the new \$200,000 laboratory was obtained largely through the efforts of College of Engineering faculty and alumni. Major contributors to the project included IBM, Motorola Co., Hughes Aircraft, ITT, Varian Associates, H.R. Johnson of Watkins Johnson Co., and the New York State Science and Technology Foundation. Other industries also contributed to the project through their membership in the Cornell Consortium and by giving clean room equipment.

When completed the new laboratory will be one of the two best university facilities in the country and probably the best for its size anywhere.

### Sixth Senate Seated

## Senate Confirms Elections

Confirmation of the results of the Feb. 18 and 19 general campus elections consumed the major portion of the last meeting of the fifth University Senate (Thursday, Feb. 27) and a considerable part of the first meeting of the sixth (Tuesday night).

The election of the student-elected faculty trustee, June Fessenden-Raden, was approved by the unanimous consent of the fifth Senate (see story page 2).

The fifth Senate voted to withhold its approval of the election of George Peter as Cornell's first employee-elected representative to the Board of Trustees, pending an examination by the Senate's Credentials Committee of various challenges to his election.

At the first meeting of the

Two University administrators, who last Tuesday encountered strong opposition to proposed changes in several COSEP programs, have within the past few days clarified or expanded upon their original public position.

Provost David C. Knapp issued an open letter to the Cornell community Sunday evening (March 2) and Harry Levin, dean of the College of Arts and Sciences made public an Arts College memorandum on Tuesday.

Controversial issues in question center on Cornell's planned reorganization of several COSEP functions, specifically the incorporation of COSEP's admissions and financial aid function into the central University admissions and financial aid office effective July 1, and the replacement of Learning Skills Center courses with courses offered by individual subject-matter departments within the College of Arts and Sciences.

Approximately 350 minority students filled Ives Hall 110 to capacity last Thursday (Feb. 27). The predominantly black group objected to the reorganization proposals presented by Knapp and Levin, and they argued against Knapp's contention that the proposed changes in COSEP's functions would better serve the interests of minority education at Cornell.

At the conclusion of that two-hour meeting, Knapp agreed to hold another open meeting for further discussion; that meeting will take place today at 4:30 p.m. in Uris Hall Auditorium.

sixth Senate, the Credentials Committee reported that all challenges to Peter's election had been answered or withdrawn and it recommended that the Senate approve Peter's election. The Senate did so unanimously (see story page 2).

The question of Richard Gardner's election as a student trustee received the most debate at the fifth Senate's last meeting. The Senate voted 28 to 12 not to approve Gardner as the student-elected trustee because, at the time of the submission of his petition for the trustee election and up to and during that election, Gardner was not a registered student and was therefore ineligible to run.

The fifth Senate approved a further recommendation from

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## COSEP Debate Goes On; Another Meeting Today

An open meeting to continue discussions of proposed reorganization in several COSEP functions will be held at 4:30 p.m. today in Uris Hall Auditorium.

University officials attending that meeting will include Provost David C. Knapp.

In his open letter Sunday, Knapp acknowledged the diversity of opinion regarding the University's proposals and outlined what he saw as first steps to make minority education "an integral part of Cornell's academic life." The full text of that letter appears at the end of this article.

Mark Barlow Jr. said Tues-

day that Knapp's letter represented an attempt to communicate with the entire Cornell community on the subject, rather than with small groups of faculty, students, or administrators.

On Tuesday afternoon, Levin released a memorandum detailing specific ways in which Arts College subject-matter departments responsible for curriculums in English, biology, mathematics, chemistry and physics would continue current or create new preparatory courses for minority students, in conjunction with the COSEP office. COSEP's role, as outlined in the memorandum, consists of the Arts College's "hope that COSEP will participate with the depart-

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### Like G.I. Rights

## Professor Asks Maternal Rights

A Cornell professor has proposed a "Maternal Bill of Rights" to compensate women for loss of employment opportunities and job/career development during their child-rearing years.

A maternal bill of rights would recognize that the interruption of work is in service of the nation, and is an interruption most women take. As such it would parallel the G.I. Bill of Rights, which compensates men who serve the nation through military service.

Alice H. Cook, professor emeritus, describes her proposal for a maternal bill of rights in a report published in January by the New York State School of Industrial and Labor Relations (ILR). During a 15-month study of working mothers in nine Communist and non-Communist countries in 1972 and 1973, Cook found the problems of working mothers "too large, too rapidly growing, too insistent and too socially significant" to be ignored or approached unsystematically.

She found the nature of women's adult life cycle, the weight of traditional pressures to perform child caring and homemaking roles, and ambivalent and discriminatory policies controlling access to jobs work to the disadvantage of women in the world of work. Cook objects to the assumption held by most industrialized countries that an uninterrupted career is both normative and necessary; she also disagrees with the argument that women can achieve equal status "if they want to."

Cook's proposal emanates from her conclusion that labor market policy must explicitly recognize women's special circumstances and needs. Social welfare policy must simultaneously be organized to provide the necessary support.

Cook says, "Following World War II, a grateful nation undertook by adopting the G.I. Bill of Rights to make up to its young men for earnings and training lost when they inter-

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## Trustee Fessenden-Raden

# 'Students Need Advocate'

June Fessenden-Raden, associate director for academic affairs of the Division of Biological Sciences at Cornell, was elected to a two-year term on the University Board of Trustees by a student constituency in the recent campus-wide trustee and Senate elections.

"I wouldn't have run for a faculty-elected, faculty trustee seat," said Fessenden-Raden. "This is an entirely different position."

Fessenden-Raden feels that students "need an advocate in the University's decision-making process." She pointed out that students have problems as individuals — not as a massive "student body."

"In any decision that affects the student — and not many don't — there has to be some consideration of the effect of that decision on the student's education." That consideration is what Fessenden-Raden hopes to encourage.

Fessenden-Raden has been working closely with students as individuals through the Biology Center, located in the north-east corner of the basement of Stimson Hall (G-20). "I



JUNE FESSENDEN-RADEN

will be in the Biology Center on Tuesdays from 4 to 6 p.m. to talk to any student who wants to talk to me — whether or not that student is a biologist. I hope that many students will come to discuss their problems and concerns with me so that I can bring their perspectives to the board," she said.

Fessenden-Raden is also chairperson of the learning environment task force. "We're looking into what's good and what's bad about the academic and non-academic environment at Cornell," she said. She believes that the University can be improved and strengthened through consolidation — "if people talk to one another."

Fessenden-Raden, an associate professor of biochemistry, first came to Cornell primarily in a research capacity. "If anyone had told me when I first came here that I would become so involved in teaching and even run for a seat on the Board of Trustees, I'd have said they were crazy," she said, smiling. But she added that, now, "an essential part of the job for me is to keep teaching."

When her duties as teacher, counsellor, administrator and mother allow it, Fessenden-Raden works on her research problem, specifically, the role played by a hormonally controlled membrane enzyme, adenylate cyclase, in "normal" cells and the changes that occur in the adenylate cyclase system of tumor cells.

## New Employee Trustee

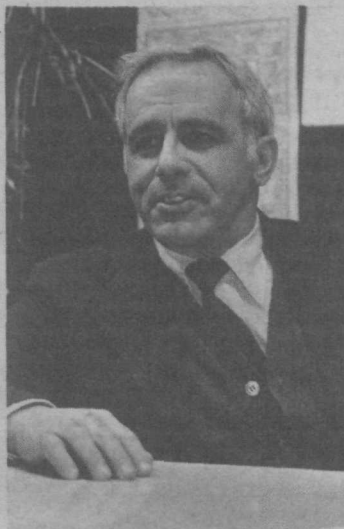
# 'Communications Are Key'

George Peter, the newly-elected employee trustee, has "an obsession with doing things that are productive."

When he is not working as a research engineer at Cornell's radio astronomy laboratory on the Danby Road or involved with the business of the University Senate, Peter works on the restoration of a 25-room house in Aurora he bought four years ago at an auction.

Peter is doing all the restoration work on the house himself, from the wiring and plumbing to the masonry and carpentry. "I also hope to put in an alternate energy source — like a windmill," he said.

Peter started working at Cornell 28 years ago. "I left a job that paid \$4,400 a year and took one at Cornell for \$2,200," he said, "because I wasn't in a position ever to go to college



GEORGE PETER

and I thought the University environment would enable me to develop and learn — and it

has done that."

Every employee should work in an atmosphere where he can advance himself, Peter feels. Guarding that atmosphere for employees is one of his main concerns as employee trustee (see Peter's letter on page 4).

"I hope that this trustee seat will help improve the communications between employees, senators, the Board of Trustees and the Cornell community," said Peter, who has been involved with the University Senate since the first Senate. Largely through Peter's efforts, the Senate fought for the establishment of the employee trustee seat.

"The Senate has done some very healthy things," Peter said. "It is a valuable institution if it doesn't do anything more than provide a forum for faculty, students and employees through which people can understand each other better."

"But I think it does do more," he added.

Peter acknowledges the University's need to cut back expenses in light of present financial conditions. "Something has to give, but the savings must be made where people and programs are least affected," he said.

"I think it's important that the task forces which are examining the University's priorities take advantage of the knowledge and views of the employees who have been around here for a long time, especially those employees in service functions. Their experience shouldn't be wasted," he said.

## 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.

### POSITION (DEPARTMENT)

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)  
Searcher I, A-13 (University Libraries-Serials)  
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 Corps (Coop. Exten. Admin., Alton (1 yr))  
Director of Ad. Operations, CP08 (College of Agric. & Life Sciences)  
Counselor (Div. of Academic Services)  
Librarian I, CP06 (Libraries - Acquisitions)  
Assistant Librarian, CP02 (Univ. Libraries - Fine Arts)  
SDS-III (Acting Program Director) CP05 (University Unions)  
SDS-II (Asst. Director for Foreign Student Admissions) (International Student Office)  
Extension Associate (Agricultural Engineering)  
Health Services Admin., CP06 (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, CP05 (Dining Services (May '75))  
Admissions Counselor (Div. of Academic Services NYS College of Human Ecology)  
Asst. Football Coach (Physical Education & Athletics)  
Research Support Specialist (Ornithology (1 year))  
Research Specialist, A-21 (Plasma Studies)  
Experimental Machinist, A-19 (Lab of Nuclear Studies)  
Lab. Technician I, NP-8 (Equine Drug Testing)  
Jr. Lab. Technician I, NP-6 (Equine Drug Testing)  
Sr. Electronics Technician, A-19 (Typewriter & Instrument Rep.)  
Postdoctoral Associate (2) (Genetics, Dev. & Physiology (1 yr))  
Postdoctoral Associate (5) (LASSP (1-2 years))  
Patrol Officer (Safety)  
Cook II, A-17 (Dining Services)  
Custodian, A-13 (2) (B&P)  
Testing Technician, A-13 (Guide & Testing Center (9 mos.))  
The above 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)

Department Secretary, A-13 (Africana Center (temp. f/t))  
Department Secretary, A-13 (Neurobiology & Behavior (temp. f/t))  
Department Secretary, A-13 (Cntr. Improvement Undergrad Ed. (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))  
Research Interviewer (Div. of Nutritional Sci. (temp. p/t))  
Extension Associate (N.Y.C. Programs (temp. f/t))  
Post-doctoral Research Associate (STS Program (1 yr. f/t))  
Research Specialist (Agricultural Economics (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))  
Lab. Helper, NS (Food Science (Geneva) (temp. p/t))  
Temp. Food Service Worker (Dining (temp. f/t))  
Busperson (Statler (perm. p/t))  
Custodian, A-13 (Statler (temp. f/t))

## Career Center Calendar

The following deadlines are approaching the Cornell Community:

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

March 10: Application deadline for the Connecticut Graduate Awards.

March 3: National Teacher Exam (NTE) application deadline. The test itself will be conducted on April 5.

March 15: Application deadline for the Smithsonian Fellowships.

March 20: LSAT application penalty date. The test itself will be conducted on April 19.

March 21: Application deadline for the University Faculty Fellowship Program.

March 31: Application deadline for the Congressional Science Fellow Program. Application deadline for scholarship awards to St. Catherine's of Oxford for Post-graduate Study.

Don't let these deadlines slip away. Get full details at the Career Center.



# Not Rehired; Students Protest

Some discontent has surfaced in the New York State College of Human Ecology in the last ten days following a decision not to hire Eleanor D. Macklin as assistant professor of human development and family studies.

Professor John P. Hill, department chairman, informed the local press this week that a division of opinions in the faculty made him feel that neither Macklin nor the other final candidate for the position had enough support to warrant his submitting one of their names to Human Ecology Dean Jean Failing. Instead, further applications for the position will be sought.

Macklin is currently on a one-year appointment as lecturer and extension associate, a position that, under University policy, precludes scholarly research. She completed her Ph.D. study at Cornell in 1974. Her research interest has been in the area of cohabitation, a subject she has studied for a number of years.

The position she was competing for is defined in the general area of adolescent development. It carries 50 per cent teaching responsibilities, with special emphasis on field-based instruction. Another 40 per cent responsibility is in research and graduate teaching. The remaining 10 per cent is for responsibility in public service/extension. The position was approved by the department's Personnel Committee and then by the whole department faculty this past fall.

Several applicants responded to a national search in the position, and four candidates were identified following review of 20 completed applications. All four presented colloquia before the faculty and provided supporting information. Special in Macklin's case were an extensive series of letters from former students and a complete set of course evaluations, all deriving from her teaching experience at Cornell.

Hill said all the candidates were screened on the basis of evidence of potential for contributing to the undergraduate teaching program. All were also reviewed for their re-

search, graduate education and public service capabilities.

On Feb. 14, after all the colloquia had been offered, the Human Development and Family Studies faculty met to discuss the four candidates, and two were selected for further consideration. Macklin was one of the two final candidates. There was a division of opinions among the faculty present at that meeting, Hill said, and it was decided to poll the entire department faculty by written ballot on the following Monday. The results revealed a close division of votes between the two candidates. At another faculty meeting called Monday, Feb. 17, for a different purpose, the matter was raised again. Hill said that still another vote was taken, this time by the 18 faculty present.

This group, too, was divided, although Macklin received a two-vote majority in the tally.

On the basis of these three ballots, Hill said, he determined that there was no basis for forwarding a strong recommendation to the dean of Human Ecology in behalf of either Macklin or the other candidate. He then informed all four final candidates that the position would remain vacant until a further search could be completed. Macklin was informed of this decision on Tuesday, Feb. 18.

It was during the week of Feb. 24 that efforts by supporters of Macklin began. Letters came to the department office and meetings led by her present and former students were held at week's end and in this week in classrooms in the College of Human Ecology. Committees have been formed to contact college alumni, SUNY and other officials, people who have worked with Macklin in field settings, and college faculty, all with the intent of bringing influence in support of hiring her.

In a memo printed in the college at the request of Macklin's supporters, objectives are spelled out. These include hiring Macklin, defining the position to include more teaching responsibility, including undergraduates in some aspect of the hiring process in the future and supporting a strengthened adolescent program over the next few years. Student support of Macklin emphasizes her devotion to her students' emotional, social and intellectual development.



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## Profile



David Borden, the Moog synthesizer and the decoy are three of the components of Mother Mallard's Portable Masterpiece Company.

## Borden: Moog Musician

Like many other Cornell employees, David Borden works with electronic equipment. But unlike the equipment of his co-workers, David Borden's machines don't count plant cells or weigh atomic particles — they make music.

Borden, resident composer and pianist for the Cornell dance program, is also a founder and member of the avant-garde ensemble Mother Mallard's Portable Masterpiece Company (MMPMC).

MMPMC performs on five Moog (rhymes with "vogue") synthesizers.

Why synthesizers?

"A trumpet or violin produces one kind of wave form, or sound, within a given spectrum," Borden says. "A synthesizer is capable of producing a variety of different kinds of wave forms, producing completely different kinds of sounds. In theory, the synthesizer's ability to make different wave forms is infinite."

"We use synthesizers in MMPMC because their wide frequency range and ability to produce very different sounds makes it possible for three performers to do a lot more than with conventional instruments."

For example, the Moog synthesizer employs a sequencer, a device which allows the performer to program rhythmic patterns that can be played back automatically. The musician at the controls of the synthesizer can then play other melodies or rhythms against the programmed sounds, producing highly intricate musical patterns. Multiply the number of synthesizers and players, and the music becomes more and more complex.

Borden first came to Ithaca on a Ford Foundation grant to serve as composer in residence for the Ithaca City School District.

While working for the school district, he met Robert Moog, inventor of the synthesizer. Borden began to compose electronic "collage" music, in which a variety of themes and patterns are blended and superimposed upon one another. In collaboration with Steve Drews, MMPMC was born.

Why "Mother Mallard's Portable Masterpiece Company"?

"Most avant-garde music groups at that time had names like 'The New Music Ensemble,' very serious names. I wanted to have a name that was more like the name of a rock-and-roll group so that people wouldn't think we were too serious. On the other hand, we are serious about our music, so we put in 'Masterpiece'."

"I thought of 'Mother Mallard' as a name one day when I was shopping in the IGA," Borden continued. "I was looking at the picture of Mrs. Smith on the frozen pies and I suddenly thought of my grandmother, Lenabelle Mallard, whom everyone called Mother Mallard. It seemed like a good name."

MMPMC, which frequently performs in New York and elsewhere in the East, has recently been performing at a local nightclub, the Unicorn. "The night club scene is fun," said Borden. "It's more informal than our usual concert atmosphere."

Borden believes that traditional courses in counterpoint and harmony should be optional for students of composition. "The best way to learn about harmony is to write it," he said. "That way you develop your own harmony and conception of harmony, and you show it in your music."

Borden's compositions bear unusual, sometimes exotic titles, such as "The Omnidirectional Halo" and "Variations on America by Charles Ives as Heard on the Jingle Jangle Morning in Emerson Playground by You and the Signers of the United States Constitution (and Who Knows, maybe the F.B.I.)." The latter piece has been recorded by the Cornell Wind Ensemble under the direction of Marice Stith.

Some of Borden's music was used in the soundtrack of the movie, "The Exorcist." Borden owns his own publishing company, Lameduck, and Earthquake Records.

—Wendy Zomparelli

## New Insurance Plan Available

Cornell employees may take out voluntary insurance covering accidental death and dismemberment under a new plan offered through the Office of Personnel Services, according to Karl D. Keller, assistant director, benefits administration.

The plan provides coverage, with a few exceptions, in the event of death or dismemberment from accidents 24 hours a

day, 365 days a year, worldwide. Individual and family plans are available for maximum coverage of between \$10,000 and \$250,000, with all coverage over \$100,000 limited to five times annual earnings.

The individual plan covers an employee for the principal sum; the family plan covers the employee, a spouse under the age of 70, and dependent children for varying percent-

ages determined by the status of the dependents at the time of loss. Married employees need not select family coverage, he said, and only one married employee may take out family coverage if both spouses are employed by the University.

The regular Cornell Group Life Insurance Program does contain an accidental death and dismemberment provision, Keller said. The new

policy will supplement, but not replace, the regular Cornell policy.

A brochure describing the plan in detail has been distributed to each employee along with a form on which to indicate whether she/he wishes insurance coverage, the type of coverage sought, and the principle sum desired. Employees electing coverage should select

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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.*

## Peter Outlines Goals as Trustee

*Editor:*

Congratulations are in order to the Cornell employees for the excellent turnout (40 per cent) to elect their first representative to the Board of Trustees. Next time I'll bet we can double that turnout. Congratulations to the nine candidates who did not win. They ran good races. The number and quality of candidates demonstrate the importance of the employee-elected trustee seat. Congratulations are in order especially to the Cornell community and to the Board of Trustees for having established this progressive mechanism for input to the board from a very important segment of the University community.

But alas! What have we done? We have elected a trustee who cannot add one + one! I heard the other day that one + one = three and I believe it. Furthermore, during my term as trustee I will continue to operate on that assumption. Whenever one person plus one other get together to discuss ideas the result will be more than the sum of each individual's ideas. With this kind of addition there are no limits to the amount of progress and improvement that can happen at Cornell.

I view the role of trustee as being a vehicle to help achieve that goal of excellence which President Corson has set for Cornell University. Such excellence more likely may be a by-product of some of the more basic essentials necessary to establish a progressive organization. One of those first basics is to establish ultimate communications between every segment of the community. I see the role of trustee as more than a one way operation. Communications must flow both ways and both ends of the communications network must be receiving as well as transmitting information. I shall be doing both and will encourage everyone else to do the same. We can all observe the results as one + one = three.

As communications are improved the challenge shall be to help achieve greater excellence for Cornell by providing the kind of atmosphere that breeds excellence. Perhaps, the importance of one's choice of work ranks as high as does one's choice for a life companion. We spend a large share of our lifetime at work. It is vital therefore that each of us is happy at his chosen job. If our work is performed in order to earn our income only, then we are being cheated from the greatest rewards. If excellence is to be achieved at Cornell it will come about when every employee, faculty member and student is "doing his thing" in an atmosphere that is pleasant and enjoyable. It will come about as greater respect and appreciation for each other is increased between and

amongst employees, faculty and students. Each employee should perform in an atmosphere that provides a sense of pride and accomplishment. We all ought to sense that we are a part of the total role and goal of Cornell University even if that part may seem small or remote. Every employee who is so motivated should work in a system that encourages and promotes opportunities to improve one's potential contribution to Cornell and hence to one's self. As communications improve, respect for each other will increase and greater trust will be a reality. Then each employee, student and faculty member will have a more pleasant and fruitful day every day of the year and the by-product will be a closer approach to excellence for Cornell University.

The following are steps that I propose to initiate as soon as is possible:

1. Develop a mechanism for input from individuals or groups who will offer positive and constructive suggestions for a better Cornell University. I am not programmed to receive negative input. I will not criticize any member of the Cornell community publicly. It is neither good practice nor productive. I will encourage others to act accordingly. Emphasis will be on the positive.

- a. I shall seek office space in some convenient campus spot (offers are being received now) and will be available from 5 p.m. to 6 p.m. at least two nights per week for individuals

to discuss ideas, concerns or what have you. A schedule will be announced.

- b. I may be reached for other appointment arrangements from 12 noon to 1 p.m. daily at 272-5544. Please call during the work day *only* for emergency or special situations.

2. Establish a representative system from as many departments as possible in order to assure that every segment of the employee constituency is heard. Those representatives will meet with me regularly to provide for a two-way communication system to and between all groups. I will need much help and volunteers. This is a formal request.

3. Meet with employee Senators for routine caucus and to establish an improved medium of communications with the employees that we represent and serve.

4. Organize a trustee notebook consisting of input and output of ideas for a better Cornell.

5. Establish a corp of volunteer secretarial and staff help to effect the communications between the office and those providing input. Many volunteers will be needed. This is a formal request.

6. We have a good beginning. Your ideas will increase the list.

Thank you for the opportunity to work with you for a better Cornell.

George Peter  
Trustee-elect

Space Sciences Bldg.

## Election Reform Urged to Senate

*Editor:*

I submitted the following letter to the Credentials Committee of the University Senate at its 8:30 a.m. meeting, March 3:

After careful consideration I have come to the conclusion that the best interests of the Cornell community would be served at this time by withdrawing my challenges to the election of Employee Trustee. It is clear that Cornell employees were very interested in the election of their trustee. Voter participation was significant, with more than 36 per cent of eligible employees voting as compared with an 18 per cent student turnout. I believe, therefore, that the Employee Trustee-elect should be presented to the Board of Trustees unencumbered with doubts and suspicions which arose from the electoral process.

Even though I am withdrawing my challenges, I feel strongly that the Credentials and Executive Committees should take note of the specific challenges made on my behalf and on the behalf of the other candidates.

First, I believe the Senate should make election reform a high priority during the coming

year. A committee to bring about such reform should be established.

Second, while it is the privilege of the Senate to arrange election schedules and mediums, it is my belief that the election, to be administered fairly, should be administered according to the election rules with no exceptions. Further, it should be administered by some body external to the Senate to insure fairness. All of my challenges stemmed from procedural inadequacies of the election and from exceptions made to the rules of the election.

Third, I believe the Hare System was inappropriate for this election. In normal elections for one seat the Hare System is not used, but the candidate with the most first place votes wins. In this election, I received more first place votes than any other candidate on the first count under the Hare System and continued to have the most first place votes through the next seven counts, until the ninth and final count. On the ninth count I lost the election by only nine votes. Therefore, the candidate receiving the most second place

## Letters to Governor Suggested for CU

*Editor:*

At its Feb. 27 meeting the Society for the Improvement of Cornell University adopted the following motion; as amended to send a copy as a letter to Chronicle Comment:

That due to the threat posed to Cornell's academic growth as a result of Governor Carey's budget reductions we suggest that all Cornellians write letters to Governor Carey, Lieutenant Governor Krupsak, Senator William T. Smith, Assemblyman Gary Lee, and that all New York State Cornellians

write their local State Senator and Assemblyman as well. The letters should request that the budget be amended to re-instate the previous Cornell allotment to insure the continued service provided New York State residents through the University, its statutory colleges, Buffalo Railroad Labor Studies Program and other Extension Division Programs, and Cornell University Research Programs.

Society for the Improvement  
Of Cornell University

## Berrigan's Sermon Felt to Be Suitable

*Editor:*

A letter in the *Chronicle* of Feb. 20 discussed the sermon given here on Jan. 26 by Daniel Berrigan. The writer's conclusion was that Berrigan's sermon was not suitable for a Sage Chapel convocation, and he urged that Berrigan not again be invited to speak at such a service. In reaching this conclusion, the writer severely distorted much of what Berrigan said; I can not help but feel that some clarification is necessary, especially for those who did not hear the actual sermon, but know of it only through the letters of protest printed in both the *Chronicle* and the *Sun*.

At no time did Berrigan characterize "the religious Jews as bloodthirsty militants," nor did he ever say or imply that the problems in the Middle East are solely due to the behavior of the Israelis. What he did say is that there has been a wholesale accep-

tance of violence as a way of life by both sides in the Middle East, and that religion and the religious have not acted against violence; rather, it has been accepted and justified by the religious establishment. It is accepted to view other human beings as The Enemy, and thus to strip them of the dignity and respect which is their due. This acceptance is exemplified by the attitude that ideas such as Berrigan's are "extremely naive," i.e., that the only solution is a military one. A further example is the plight of the Palestinians; although it is true that these people are being used as political pawns, should not be ignored as being someone else's problem. The writer could only suppose that to be distressed by their plight "is perhaps understandable, from a strictly humanitarian point of view." Perhaps he feels that such a viewpoint is unsuitable for a religious service; I certainly do not.

It must be stressed that Berrigan was not one-sided in his remarks. As he noted, when he was there he said similar things to both sides in the conflict, and did denounce the use of the Palestinians by the Arabs as mere political pawns. What seems to have caused so much controversy is that he told the assembled congregation that they themselves were not blameless, that there is room for improvement even in them. Unfortunately, too many people seem to have attended solely so they could receive assurance that they were completely in the right, and too few to learn from a deeply religious man.

Daniel Berrigan is an idealist. Part of his lesson is that there is a tremendous difference between being willing to kill for one's beliefs, and being willing to die for one's beliefs. He attempts to invoke a sense of moral responsibility in those who hear him. Those who reject this as being naive are perhaps those who most need someone like Berrigan. His message is in no way unsuitable for a Sage convocation.

William R. Turner III  
Programmer  
M SA

Alice Moore



Friday, Saturday Evenings

# Faculty Give Free Concert

Cornell professors John Hsu and William Austin will present a free, public concert of works for viola da gamba-harpsichord and cello-piano at 8:15 p.m. Friday and Saturday, March 7 and 8, in Barnes Hall Auditorium.

The works for viola da gamba and harpsichord to be performed include "Recercada Segunda" by Diego Ortiz, Suite No. 1 in A minor, Book III by Marin Marais and Sonata No. 2 in B Major by J.S. Bach. After the intermission, Hsu and Austin will perform Rachmaninoff's Sonata in G Minor, Op. 19 for cello and piano.

"The program should illustrate not just the differences between the viola da gamba and cello and the harpsichord and piano," said Hsu, "but also the development of the music written for these instruments."

The Ortiz piece, composed in 1553, is an example of the earliest written music for the viola da gamba — prior to that time, viola da gamba music was improvised. This piece, which

has harpsichord accompaniment, is "an example of the art of improvisation," Hsu added, "even though the music is written down."

Marais was a 17th century French virtuoso performer "and the most prolific composer of solo music for the viola da gamba," said Hsu, who is presently working on the first modern edition of Marais' complete instrumental works. In conjunction with that project, Hsu is recording a series of Marais works for the Music Heritage Society.

Hsu describes the Marais suite to be performed this weekend as a work "from the golden age of the viola da gamba." In it, the harpsichord again provides accompaniment.

But the role of the harpsichord changes in the later piece by Bach. "This is contrapuntal chamber music," he said. "The harpsichord and the viola have equal parts — the harpsichord isn't just providing the accompaniment anymore."

The Rachmaninoff piece, written for the modern cello and piano, is more harmonic than

contrapuntal, he said — an example of chamber music as we have come to know it.

William Austin, who will be performing on the harpsichord and piano in this weekend's concert, is the Goldwin Smith Professor of Musicology and author of the book, "Music in the 20th Century," which was awarded the Dent and Kinkledey Prizes. He has been a member of the Cornell faculty since 1947. Hsu and Austin have performed together frequently over the past 20 years.

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.

## Free Concert Planned Of Two-Piano Works

A concert of works for two pianos will be presented by Phyllis Rappeport and guest artist Curtis Curtis-Smith at 8:15 p.m. Monday, March 10 at Barnes Hall Auditorium.

Included on the program will be two works by Debussy — "Blanc et Noir" (1915) and "Six Epigraphs Antiques" (1914) — and Stravinsky's "Rite of Spring," which was originally written as a piano duet.

The concert is free and open to the public.

Rappeport is a visiting associate professor of music at Cornell this term, on leave from Western Michigan University. Curtis-Smith is also a member of the faculty at Western Michigan, where he teaches piano.

Curtis-Smith has performed solo recitals at Carnegie Hall and at the National Art Gallery in Washington. His compositions have won awards at Tanglewood and in the recent international competition sponsored by the Italian Society for Contemporary Music. He has been commissioned to

compose works for the St. Paul Chamber Orchestra, the Louis Falco Dance Company and for harpsichordist Igor Kipnis.

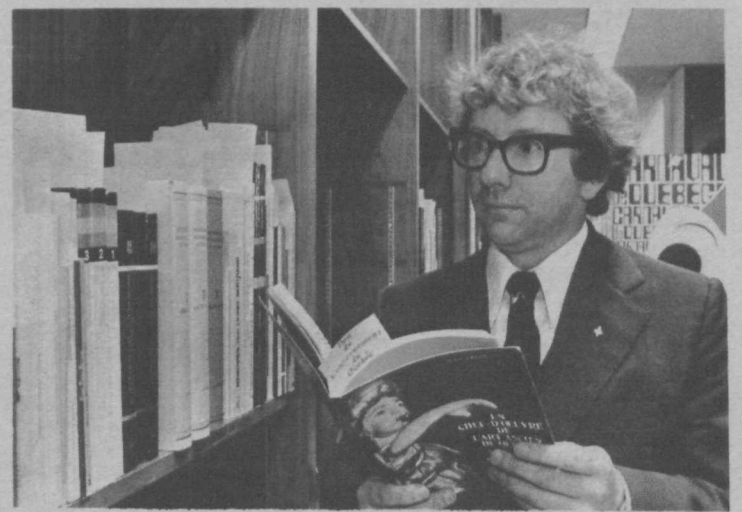
Rappeport has appeared as a solo performer with college and university orchestras throughout the eastern and mid-western United States. A Fulbright scholar, she has performed as accompanist for Tom Krause of the Metropolitan Opera, for violinist Gordon Stapels and for cellist Richard Kapuscinski.

## 'Streetcar Named Desire' Opens at Straight Theater

The Cornell University Theatre's production of "A Streetcar Named Desire" by Tennessee Williams opens at 8:15 tonight in the Willard Straight Hall Theatre.

Performances will continue through Sunday, March 9, and from Thursday through Saturday, March 13-15.

"Streetcar" is under the



## Quebec Gives Books

A few of the more than 300 books given to Cornell this week by the Government of the Province of Quebec are being examined by Hendrik Edelman, assistant director of University Libraries who supervised in their selection. In addition, some 150 phonograph records were given to the University during opening ceremonies of Quebec Culture Week last Monday at Cornell. Details of the week-long schedule of academic, cultural and social events of the program sponsored by the Quebec government and various departments, schools and colleges on campus appear on page 2 of the Thursday, Feb. 27 issue of Cornell Chronicle.

## Macneil Announces Task Force Members

Geoffrey V. Chester, professor of physics, will head the task force on academic responsibility of the faculty — teaching, research, advising — in the presidential study of priorities at Cornell. The announcement was made by Ian R. Macneil, director of the priorities study.

Serving with Chester will be Michael Kammen, chairman of the history department, Edward H. Smith, chairman of the entomology department, and Joseph M. Ballantyne, associate professor of electrical engineering.

Macneil also announced that chairman Tom E. Davis, professor of economics, on the graduate education task force

will be joined by Raymond Bowers, professor of physics and director of the Program on Science, Technology and Society; Walter F. LaFeber, professor of history, and Lawrence K. Williams, professor of industrial and labor relations.

New members of the learning environment task force are Ruth W. Darling, associate dean of students; Daniel G. Sisler, professor of agricultural economics; Nancy Arnosti, a student in the College of Arts and Sciences, and Norma Crotty, a law student. They join chairman June M. Fessenden-Raden, associate director of academic affairs for the Division of Biological Sciences, and William Cross, assistant professor, Africana Studies and Research Center, who were appointed earlier, Macneil said.

Serving on the administrative data systems and administrative computing task force will be Jean Failing, dean of the College of Human Ecology; Donald F. Holcomb, professor of physics; Norman R. Lyons, assistant professor of business and public administration; Albert Silverman, professor of physics; Parker A. Moore, assistant dean of students, and Peter C. Stein, professor of physics. They join chairman P.C.T. de Boer, professor of engineering, who was appointed last week.

Macneil announced that Susan J. Most, a student in the College of Agriculture and Life Sciences; Hywel D. White, professor of physics; Samuel Rosenthal, a law student, and James W. Spencer, associate dean of the College of Agriculture and Life Sciences, will join Jon T. Anderson, chairman, on the task force on Life Safety, Safety Division, traffic and parking and campus bus service.

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

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## Sutherland Concert

Soprano Joan Sutherland will perform songs by Donizetti, Rossini, Massenet and others in her first Ithaca appearance at 8:15 p.m. Tuesday, March 18 as a part of the Bailey Hall concert series. Free bus service will be provided to Bailey Hall from the B parking lot and Dairy Bar, beginning at 7:30 p.m. Ticket information may be obtained by calling the Lincoln Hall ticket office, 256-5144.

## Call to Christian Leadership Is Sage Convocation Topic

Richard P. McBrien will speak "Of Bruised Reeds and Phylacteries: A Call to Christian Leadership" at the Sage Chapel Convocation at 11 a.m. Sunday, March 9.

McBrien, a priest of the Archdiocese of Hartford, Conn., is professor of theology and the newly appointed director of the Institute for the Study of Religious Education and Service at Boston College.

Past president of the Catholic Theological Society of

America, McBrien obtained his doctoral degree in theology from the Gregorian University in Rome. He has taught at several colleges and universities, including the Rome campus of Loyola University.

McBrien is the author of eight books including "Has the Church Surrendered?" His syndicated weekly column on theology won an award in 1974 from the Catholic Press Association as the best column in its field.

## Prints Made in Italy At Johnson Art Museum

An exhibition of 60 prints made in Italy during the past few years by American and European artists is on display through March 30 at Cornell University's Herbert F. Johnson Museum of Art.

The prints in the show titled "Grafic Oggi" (graphics today) were made in Studio 2RC, the Rome workshop of master printers Valter and Eleanora Rossi. According to critics their work done in collaboration

with the artists has made it possible to achieve in printmaking new dimensions of textural and chromatic effects.

A film showing the making of prints at Studio 2RC is presented daily at 2 and 3 p.m. as part of the exhibition.

The exhibition includes works by Helen Frankenthaler, Pierre Alechinsky, Eduardo Chillida, Man Ray and Alexander Calder.



# DES-Cancer Link Probed By Cornell Health Service

Things your mother may never have told you may include whether or not she took a synthetic estrogen pill commonly known as "DES."

Cornell University Health Services has urged women students and student spouses enrolled in the University Health Services medical plan to ask their mothers if they took DES while pregnant. Some offspring of mothers who took DES to prevent miscarriage have developed an unusual vaginal cancer which is atypical, particularly for young women of their age group.

"University Health Services is trying to locate women who may have been exposed to this hormone before birth. It was used widely in the late 1940s through 1958, to prevent possible miscarriage," according to Dr. Hope C. Perry, chairperson of the University Health Services Committee on DES Offspring. She said the drug does not prevent spontaneous miscarriage and its use for that purpose has been discontinued since about 1970.

The carcinogenic quality of



DES pill is smaller than a dime

DES in female offspring was first noted in 1971 in a study of young women evidencing a certain form of vaginal cancer; the study showed "a large number had been exposed to DES before birth," Dr. Perry said.

Currently, DES is most commonly known as "the morning-after-pill." Federal Food and Drug Administration (FDA) approval was given to DES for this purpose within the past year, Dr. Perry said.

Dr. Perry said University Health Services' desire to identify young women of mothers who took DES is twofold: to inform them they need to be under supervision involving more than a routine pelvic examination and Pap smear, and to notify them that the University

Health Services, although not generally involved with routine physical exams, will provide this specific type of repeated examination. Such offspring, she said, should also check promptly with a physician if they have vaginal bleeding different from their usual pattern. The risk of developing cancer is "exceedingly small," according to Dr. Perry, who estimated it at "less than one in 1,000 for such offspring."

Identification of DES offspring at Cornell began this year when all entering students were asked prior to matriculation if their mothers had taken DES during their fetal period. Twenty-four freshmen women answered affirmatively. In addition, eight others are known to the committee, composed of Drs. Perry, Leroy Young and Phoebe Goggin. University Health Services is now concerned particularly with identifying non-freshmen women.

Dr. Perry has asked that DES offspring as yet unidentified by University Health Services notify her by calling Gannett Clinic at 256-5155.

## Sixth Senate Takes Over

Continued from Page 1

The Credentials Committee reported to the sixth Senate that Gardner had placed among the five winners of the seats from the Engineering College (Thomas Trozzolo, Cheryl A. Walters, Richard Gardner, Dennis M. Larios and Donald A. Dube). After some discussion of his eligibility, the Senate voted to seat Gardner as a senator from the Engineering constituency.

All other Senate elections were approved by the fifth Senate.

Benjamin Nichols, professor of electrical engineering, was elected the speaker of the sixth University Senate and Douglas Auer, Arts '76, was elected its secretary.

Nichols has been a senator for two years, and was the chairperson of the Executive Committee of the fifth Senate. Auer has served as commissioner of the Student Finance Commission and was a candidate in the student trustee election.

The sixth Senate passed a recommendation with one dissenting vote requesting that action on the administration's present recommendations concerning the reorganization of COSEP be suspended until the administration receives the advice of the Senate on the issue or for 60 days, whichever comes first.

The recommendation also states the Senate's concern that "there be extensive and public consultation with in-

terested members of the Cornell and Ithaca communities, especially with COSEP students, concerning ways to strengthen services such as COSEP provides," and that "the views of COSEP students and staff be given special and substantial weight in any final resolution of issues bearing on COSEP and the needs of minority students at Cornell."

The last two pieces of legislation passed by the fifth Senate were the Academic Integrity Act and a Senate bylaw revision enabling the Senate's Executive Committee to speak for the Senate on emergency policy issues during vacations and between semesters.

The Academic Integrity Act, passed by unanimous consent, recommends to the University faculty a statement of principles and a code of academic integrity for adoption by the Faculty Council of Representatives (FCR), and, upon the adoption of these recommendations by the FCR, provides several amendments to the Judicial Reform and Restructuring Act of 1972.

Among the provisions of the recommendatory legislation are that "a student assumes responsibility for the content and integrity of the academic work he submits" and that "each faculty member shall develop and maintain an academic atmosphere conducive to the spirit of free inquiry and academic integrity."

A violation of the code consists of the misrepresentation of the work of others as one's own, either by plagiarism or by failure to acknowledge major sources of assistance in the preparation of original materials.

The bill also establishes judicial procedures to be followed in cases of alleged violations of the code.

## Lewontin Points Out Genetic Evidence

"The link between genetic variation and race is the figment of a fevered imagination," Richard Lewontin, Louis Agassiz Professor of Biology at Harvard, contended during a recent Biology Colloquium.

Refuting the theory that IQ is genetically tied to racial differences, a hypothesis currently proposed by Arthur R. Jensen of Berkeley, Lewontin showed that all hard scientific evidence to date runs counter to the race-IQ theory.

Jensen has said that since IQ is a highly inheritable trait, the observed 15 point difference in IQ scores between white and black Americans is probably inherited.

Lewontin, however, pointed to studies of some 18 genes, mostly for protein and amino acid groups and blood types,

which have been identified for most of the major population groups in the world.

Although the 18 genes are 100 per cent heritable, he said, no one race has a monopoly on any one gene. The largest genetic differences between population groups occur in small, primitive and isolated human tribes. The major races, he added, have genetic variation distributed throughout the population.

From his own work with fruit flies and from similar genetic studies of other organisms — the bacteria *E. coli*, the horseshoe crab and man — Lewontin concluded that approximately 30 per cent of the genes in any population are "polymorphic," that is they differ in different individuals.



## Crisis Service Uses Volunteer Counselors

In response to an obvious need in the community, the Suicide Prevention and Crisis Service was begun in 1969. The service maintains a 24-hour-a-day telephone service, manned by trained volunteers, to talk with anyone in need of help. Empathetic listening, counseling and referral to appropriate community agencies for long range assistance are ways in which the service helps.

Professionals in the mental health field train in crisis intervention and counseling techniques, in a seven-session course. Following the training, each volunteer is asked to provide at least 10 hours of service a month, and to attend monthly staff meetings. The current training session will begin on Monday, March 10, and run for six consecutive Mondays. Anyone interested in being a volunteer should call either CIVITAS, 256-7513, or Voluntary Action Center, 272-9411, to arrange a pre-registration interview.

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

*Boytown Junior High School* needs volunteers to help in home economics classes; in cooking classes, any 45 minute period between 9:20 a.m. and 12:15 p.m.; in textiles and sewing classes, any period between 9:20 a.m. and 2 p.m.

*Bib 'N' Tucker* needs volunteers to work in sales of articles and used clothing, on any day Tuesday through Friday, from 10 a.m. to 1 p.m. or 1 to 4 p.m.

*Ithaca High School* needs volunteer tutors to work with individual students in chemistry, physics, biology, general math, algebra or geometry during school hours. The physics tutoring can be arranged for evenings or weekends.

*Health Dept.* needs a volunteer friendly visitor to spend a few hours a week on a regular basis with an elderly, housebound lady in Groton. Times and days can be arranged to suit the volunteer.

*Meadow House* needs a volunteer to work in remedial education with a retarded adult, Monday, Wednesday, or Friday afternoons. Some experience or training in the field would be advisable.

*Cayuga Heights Elem. School* needs tutors to work with individual students in spelling skills. Times and days are to be arranged within the school schedule.

*Lakeside Nursing Home* needs volunteers to visit with individual residents, or to assist in small group recreational or crafts programs, late morning, late afternoon, or early evening.

*4-H* needs volunteers to teach beginning crafts skills such as woodworking, cooking, tie-dyeing, needle crafts or leather working, to small groups of youngsters who meet on Saturday mornings from 9:30 to noon.

*Youth Bureau* needs volunteers to work with a central-city youth program providing outdoor and field trip experiences, on Saturdays from 10 a.m. to 4 p.m. Transportation to activity sites is provided.

## Senate Recommends Stopping Afternoon B-Lot Express Bus

The Senate Subcommittee on Parking and Traffic has recommended to the Office of Transportation Services that the afternoon express buses to parking lot B be discontinued. Morning express runs will continue from the B-lot, as heretofore.

Petitions submitted by several groups requested a reinstatement of the afternoon B-express buses. These petitions were discussed and reviewed by the Subcommittee on Parking and Traffic.

Based on rider count for the former afternoon B-express runs and the longer spread of time for passengers to board, the decision was reached to place additional runs as A-B locals, in place of the afternoon B-express.

This change serves a greater number of riders, reduces the present overload to lot A, and thus provides more effective service to the Cornell Community.

*Robert York, Chairman  
Senate Subcommittee on  
Parking and Traffic*

## Special Income Tax Assistance For International Students, Staff

A representative of the United States Federal Income Tax Division will be available in the International Student Office, 200 Barnes Hall, on Wednesday, March 12, 1975 from 9 a.m. - 12 noon, and 1 p.m. - 4 p.m., to assist international students and staff with special income tax problems.

Assistance in filling out tax forms of a routine nature is available at the local office of the Internal Revenue Service, Babcock Hall, Terrace Hill, Monday through Friday from 8:15 a.m. to 4:45 p.m.



# Bowling. . .



## At Newman

Bowling anyone?

That's what's available — bowling for anyone — at Cornell's Bowling Lanes in Helen Newman Hall. Open bowling is scheduled 7 hours a week with all members of the Cornell community and their guests welcome.

Open bowling hours, at 50 cents a line, are Tuesday nights from 5:30 p.m. to 9 p.m., Thursdays from 9 p.m. to 11 p.m. and Fridays from 9:30 p.m. to 11 p.m.

The fully automatic, 16-lane facility is alive with activity and the solid sound of a ball banging through the pins during the days and most evenings. Physical education classes occupy the lanes weekdays while league play is scheduled several nights.

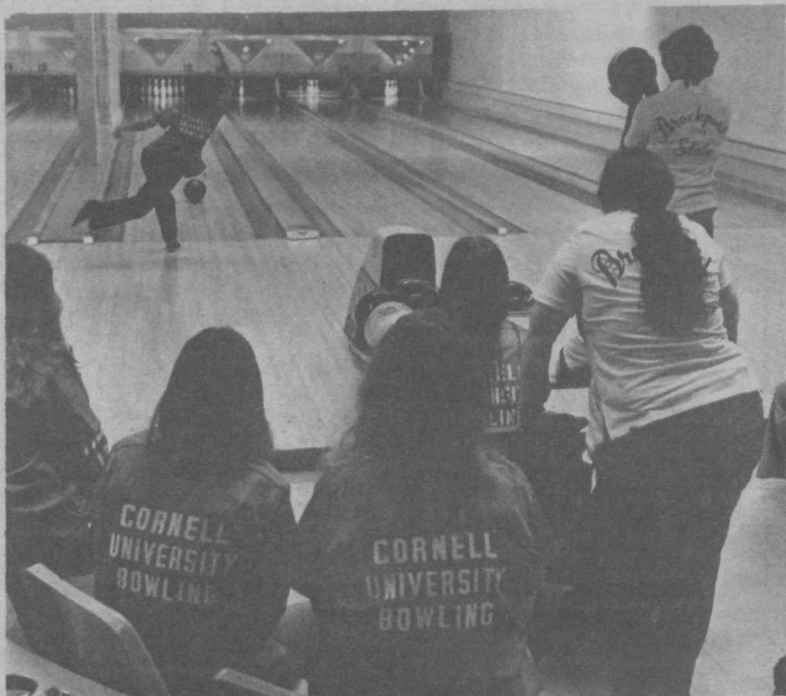
"Our situation is a little unusual," according to John Tharp, manager of the lanes. "We're filled to capacity at the times for classes and the leagues, but people don't seem to be aware of the fact that we have open bowling as well. Tuesday is a good time to stop in for some relaxed, recreational bowling."

Shoes are available for a 20-cent rental charge. In addition, Tharp offers "Red Dog" opportunities for free games. When the red pin comes down in the head pin position, a strike will get the bowler a free game.

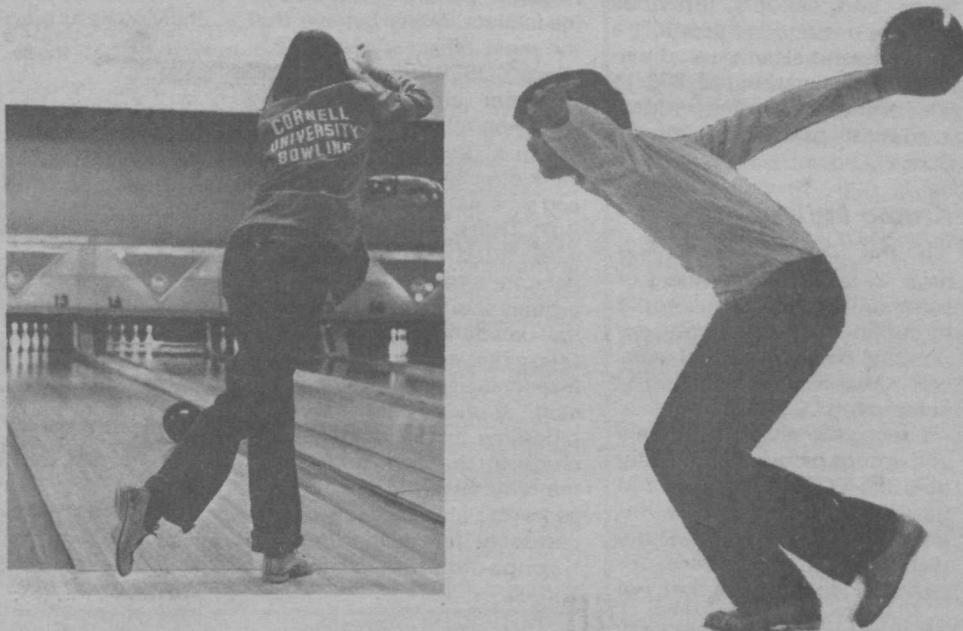
There will be unlimited open bowling for more than a week next month. When Cornell students leave campus for spring vacation from March 22 to March 31, the lanes will be open every night from 6 p.m. to midnight for open bowling.



A shot at a "Red Dog" in the head pin position means a free game if she gets a strike.



Women's Bowling: Cornell vs. Brockport.





## Final Round for Competition

# Law Students Argue Case

Associate Justice William H. Rehnquist of the United States Supreme Court will serve as chief judge for the Cornell elimination round for the Sutherland Cup Moot Court Competition. The final argument, open to the public, will take place in the Moot Court Room of Myron Taylor Hall at 8:15 p.m. tomorrow (March 7).

Justice Rehnquist will be joined on the final bench by Judge James L. Oakes of the United States Court of Appeals for the Second Circuit, and Dean Roger C. Cramton of the Cornell Law School.

Two pairs of second-year law students will argue a hypothetical case before the bench in a simulated argument before the Supreme Court of the United States.

The case concerns an Italian citizen who was indicted by a federal grand jury for conspiracy to import narcotics. The defendant complains that evidence was obtained by the use of an illegal wiretap and that he was kidnapped from Turkey by federal agents and brought forcibly to the United States to stand trial.

The winning team will com-

pete against teams from Yale, Fordham, and Catholic University law schools in Washington, D.C. in April for the Sutherland Cup.

Justice Rehnquist was appointed to the Supreme Court in 1971, following service as an Assistant Attorney General of the United States. Judge Oakes was appointed to the Second Circuit in 1971. He is stationed in Brattleboro, Vt. Dean Cramton, who succeeded Justice Rehnquist as Assistant Attorney General, became dean of the law school in 1974.

## COSEP Plans Discussed

*Continued from Page 1*

ments in the selection of instructors and assistants; will administer and evaluate the diagnostic tests; act as a source of information about the available programs; recommend students to course instructors; counsel students on non-academic matters; be a source of advice and information for instructors and departments; handle student complaints about the programs, and encourage reduced loads and S/U grading when appropriate and after consultation with college advisers.

"Each department offering foundation courses will have a designated, full-time person who will be responsible for the program. Funds for the courses and tutoring will be held in a special account, separate from the department's budget. The use of these funds will be monitored by an assistant dean in the college," Levin said.

COSEP was established in 1964 to increase the number of minority students at Cornell, estimated at that time to be between 30 and 35 persons at both the undergraduate and graduate levels. Cornell's current "Guide for Candidates" states "COSEP assists minority students particularly from minority groups present in New York state which historically have been under-represented in higher education..."

"In addition to providing financial aid for minority students, COSEP, in conjunction with the individual Cornell colleges and schools, provides services designed to promote a favorable initial campus adjustment..." An estimated 800 to 900 minority undergraduate students presently attend Cornell.

### Knapp Letter

In the past several days I have received a number of communications from people throughout the University expressing interest in and concern about the recent discussions on COSEP.

I recognize that individuals and groups perceive differently how the COSEP program and minority education may be improved. I also recognize the depth of feeling in these differences, and I hope that we

may find ways in which all of us can focus our attention on improving the academic well-being of minority students.

After six years of experience with minority programs and undergraduate education at Cornell, I have some basic beliefs about the directions in which minority education should move. These beliefs, which have grown out of discussions with both minority and non-minority faculty, students and staff are reflected in changes which have been discussed in the past several months.

My over-riding belief is that minority education must become, over the long run, an integral part of Cornell's academic life. Programs which meet the needs of minority students must pervade all parts of the colleges and schools, which are at the heart of the University. Until they do, minority education will be no more than an add-on to the whole.

The road to this end is difficult and long. But I have come to believe that there are three steps which are important in the immediate future:

(1) If we are to recruit, admit and provide financial aid for minority students effectively, it is important that these efforts be coordinated with other University efforts in these areas. Everyone who deals with admissions — from high school counsellors, prospective students and parents to University staff, trustees and alumni — is aware that our efforts in recruitment and admissions generally have been inadequate. Many believe that the most effective way to improve COSEP admissions and financial aid programming would be to coordinate it fully within a new central office to work directly with the colleges and schools.

(2) Those minority students who need additional preparatory work in the basic disciplines should receive it within the academic departments. Departments have the responsibility to design, and staff appropriately, learning programs for all students, including those which help minority students acquire the concepts, language and skills necessary for their education throughout four years at Cornell.

(3) We still need a University office whose function is to support minority students throughout their education and promote their interests within the University. It is important in my judgment that this office be able to work effectively with the colleges, which are in fact the academic "home" of the student from his admission to graduation. The colleges, as well as a central office, must provide the necessary faculty and staff for minority student support.

In conclusion, I believe many of the problems which minority students face are much like those of other students, but in many ways more intense and severe. The atmosphere of anonymity and pressure in the first year; the differing perceptions of faculty and students with respect to advising, counseling and contact outside the classroom; the complexity of organization, policies and procedures — all are matters which need attention, not only from the standpoint of minority students, but from that of undergraduates at Cornell generally.

The questions which have been discussed have been the right ones, I believe. But I am open to a systematic discussion of these and alternative ways to achieve a better COSEP program. We need the minds and work of as many dedicated and interested individuals as possible. I would like to get these discussions started.

## New Insurance Plan Available

*Continued from Page 3*

the effective date of coverage to coincide with the first day of their next pay period. Employees not wishing the plan should return their forms signifying their waiver.

Completed forms should be returned to Personnel Services.

Questions may be directed to Vivian Collins, administrative aide, Personnel Services at 256-4953.

## Bulletin Board

### Engineering Lectures Videotaped

Videotape recordings of lectures in four Cornell College of Engineering courses are available for student use at the Engineering Library, Carpenter Hall during library hours.

The courses being videotaped are: Mechanical and Aerospace Engineering 3672 by P.C.T. deBoer; Materials Science and Engineering 6046 by Dieter G. Ast; Electrical Engineering 4488 by Norman M. Vrana; Theoretical and Applied Mechanics 1151 by Tom Steel.

Library staff will be available to show first-time users how to operate the video playback machine.

### International Women's Day

A panel discussion on "Women in the Third World" will be held at 8 p.m., Saturday, March 8, Women's International Day, in Ives 110.

The three panelists will speak on women in China, Chile and South Africa. The program is sponsored by the Committee on U.S.-Latin American Relations, United Sisters and U.S.-China Peoples Friendship Association.

### World Food Day Planning Meeting

Coalition For The Right To Eat World Food Day planning meeting March 14, 4:30 p.m. in the One World Room in Anabel Taylor. All interested, please attend.

### International Wives Dinner

The International Wives Friendship Club invites all international women and their husbands to attend a dish-to-pass buffet dinner on Wednesday, March 12, in the One World Room, Anabel Taylor Hall at 7:30 p.m.

Dancing follows the dinner. Music will be provided by the Dom Versage Orchestra under the auspices of the Music Performance Musicians Local 132.

Please bring a main dish or salad typical of your country, enough to serve 12.

### Literature Lecture to Be Given

Literary critic Edward Said will give a public lecture on "The World, the Text, and the Critic," Monday (March 10) at 4:30 p.m. in Ives 110.

A professor of English and comparative literature at Columbia University, Said is the author of more than 50 articles and reviews and the books, "Joseph Conrad and the Fiction of Autobiography," (1966) and "Beginnings: Intention and Method" (1974). He is working on a book on the history of linguistic speculation and the linguistic imagination of Vico to Freud and de Saussure.

He earned his bachelor's degree at Princeton University and his masters and doctorate degrees at Harvard University. The lecture is sponsored by the Committee on University Lectures.

### "Sociology in Black" Lectures

"Sociology in Black: Perspectives in History and Theory" is the title of a two part continuing lecture program to be held next week by Cornell University's department of Sociology and the Africana Studies and Research Center.

Dr. Houston A. Baker, Jr., a faculty member of the University of Pennsylvania, will speak on "The Problem of Being: Reflections on 19th Century Black Autobiography" at 1:30 p.m., Thursday, March 13, in Uris Hall 202.

Dr. Robert Washington of Bryn Mawr will speak on "Schools of 20th Century Black Writing" at 1 p.m., Friday, March 14 in Uris Hall 202.

The lectures are open to the public.

### 'Science in British Universities,'

Sir Frederick Dainton, Oxford chemist and Chairman of the University Grants Committee of the United Kingdom, will discuss "The State of Science in British Universities" on Monday, April 7, at 4:30 p.m. in Baker 119. Dainton is a distinguished scientist and science policy expert. He is a former Baker Lecturer at Cornell in Chemistry; more recently, he has been Vice-Rector of Nottingham University and Professor of Chemistry at Oxford. For many years, he has been a leading participant in policy development for science and technology in the United Kingdom. His lecture is jointly sponsored by the Program on Science, Technology and Society and the Department of Chemistry, and it is open to the public.

### Erotic Heroism Lecture Topic

Peter Hughes, senior fellow of Cornell's Society for the Humanities, will give a public lecture on "Erotic Heroism in 18th Century Literature," in Kaufmann Auditorium at 4:15 p.m., today.

Hughes is the author of "Spots of Time" (1969) and "George Woodcock" (1974) and co-editor of "The Varied Pattern: Studies in Eighteenth-Century Culture" (1971). His current interests are in comparative literature and literary theory during the 18th and 19th centuries.



# Landscape Class Redesigns Dryden

The Village of Dryden may some day take on a new look, thanks in large part to the efforts of a Cornell University class in landscape architecture.

Dryden Mayor Robert Watros approached the University's Office of Community Relations and asked if there were anything the institution could do to help the village improve the appearance of its downtown.

Eventually Phillip Tresch, assistant professor of floriculture and ornamental horticulture, agreed to take on the task as a class project in landscape architecture.

For the first two weeks of the current term, students in the course studied the village's downtown (primarily the blocks along present Route 13 as it

comes into the four corners from the west — Ithaca — and turns north toward Cortland).

Some 15 plot plans and sketches depicting different treatment and various alternatives for parking were presented to the mayor and village board.

Last week, villagers had an opportunity at a public meeting to look over all the plans.

"Everyone was enthusiastic about the whole idea," according to Mayor Watros. The plans varied, but all removed overhead utility wires and put them underground, and added trees throughout the downtown area.

"The next move is up to us," Watros said, "but I'm sure we'll go ahead with something, soon."



Before daylight the town trucks line up for ashes at the Central Heating Plant. The ashes will be used for snow- or ice-covered roads.

## Cornell American Field Service Sponsors International Weekend

The Cornell chapter of the American Field Service will sponsor an international weekend this Thursday through Sunday, March 6-9, on the Cornell campus. Attending the weekend will be more than 50 students from the central New York — northern Pennsylvania area including current AFS foreign scholarship recipients, American AFS returnees and members of host American families.

Fred Jacobsen, president of the Cornell AFS chapter, said the weekend's activities will include slide shows, lectures, parties and a special conference open to the public entitled "Symposium on Global Development." The symposium will take place on Friday, March 7, at 7:30 p.m. in Ives 110.

Speakers for the event include Erik Thorbecke, professor of Economics in the College of Arts and Sciences, "Development - Its Meaning and Implications"; Donald K. Freebairn, professor of Agricultural Economics in the College of Agriculture and Life Sciences, "The World Food Crisis"; and Gilbert Levine, professor of Agricultural Engineering in the College of Engineering, "The Technological Context of Development."

Admission to the symposium will be free.

## Alumni University in Article

Cornell's Alumni University is the subject of an article entitled "Back-to-College Vacations for Grownups" appearing in the March issue of MONEY Magazine.

Written by Grace W. Weinstein '57, who is author of the forthcoming book "Children and Money," the article highlights some of the ex-

periences of participants in past Cornell Alumni University programs and the experiences of some of their children. The feature story also compares alumni education opportunities at various colleges and universities across the country, such as Stanford, Pomona College, Michigan, Dartmouth and Harvard.

## Barton Blotter

### O, Say, Have You Seen ...

The Cornell flag, 12-by-8 feet which flies atop Day Hall, was stolen from the flagpole sometime during mid-day last Friday, and Safety Division continues its search for it.

This is one item on this week's morning reports from the division, which also listed many incidents of theft.

Stolen were a beige, sheepskin coat from a rack in Sibley Hall; a wall clock from a lounge in Mary Donlon Hall; a purse from a vending area in Warren Hall; \$46 in cash and an ID card from a wallet left secured in a clothes basket in the locker room of Teagle Hall; a battery from a vehicle in the Myron Taylor Parking lot.

Also, \$45 from a purse left unsecured in an office desk in Baker Lab; a purse containing some \$30 from a desk in Ives Hall; a battery from a vehicle parked in the Old Country Club lot; two stereo speakers from a vehicle parked in West Dorms lot; a Texas Instrument calculator from a locked room in University Halls 1.

Also, two pair of skis, bindings and poles from a vehicle parked in Kite Hill lot; a wallet containing \$15 in cash and a paycheck from an unlocked room in Goldwin Smith Hall; a book on house plants from a room in Warren Hall; a navy blue ski jacket from the cloak room of Kappa Sigma fraternity; a set of headphones from a room in North Campus Dorm 5; a purse containing \$7 in cash from a classroom in Uris Hall, and a watch, jacket, pants and socks from a locker room in Teagle Hall.

## 'A Real Bargain'

# Heating Plant Sells Ashes

Burning coal, as Cornell is doing in its Central Heating Plant, produces the inevitable waste product of ash, which could mean a disposal problem — but doesn't.

Recycling is nothing new to the Heating Plant, which has been selling ashes since 1922. William Johnsen, plant supervisor, says the demand has never been so great as it is this year.

Six area towns are regular

customers, as are a few private citizens. Johnsen attributes the increase in customers (up from two towns last year) to publicity, mostly by word of mouth, and particularly, to the increase in the cost of salt and sand used on snow- and ice-covered roads.

Last year the plant produced 3,150 cubic yards of ashes, according to Johnsen, and he expects it will increase to 7,000 cubic yards this year.

He explains that ashes are porous, burned coal residue ranging in size from 1/16 inch to one-and-a-quarter inches. The ashes are sold by the cubic yard on a first come, first served basis, except that Cornell Plantations always comes first when ashes are needed for trails. The New York State Highway Department buys any leftovers.

The ashes too big to sell are removed by the Cornell grounds department and used in landfill. Some individuals buy them for driveways and one man picked up some to put around plum trees, Johnsen says.

He comments that ashes are a real bargain. The price of 40 cents a cubic yard has not changed during the two-and-a-half years he has been at Cornell. Candor, Danby, Freeville, Groton, Richford and Enfield use the ashes on roads during the winter, and Groton also used them to build school running tracks.

He adds that since the ashes are inert they cause no damage to the environment, although he admits homemakers are not too happy with the mess they make being tracked around.

Each town picks up its own supply of ashes from the two storage silos at the central heating plant. The ashes are carried from the ash pits in the three boilers to the silos by a giant vacuum system. A grate over the ash pit keeps out ashes larger than the one-and-a-quarter inches limit.

The trucks back under the silo and a conveyor screw takes the ashes from the bottom of the silo into the truck. A fine mist of water is sprayed during the process to keep down the dust.

Johnsen says that some of the towns will continue to pick up ashes right through the summer, stockpiling for next winter.

## Student Emergency Fund Boosted by Fraternity Work

Where do Cornell students turn when they need emergency financial assistance? Thanks to the efforts of the Cornell chapter of Alpha Phi Omega, a national service fraternity, many will be able to turn to the Student Emergency Fund (SEF).

In its door-to-door solicitation for contributions to the SEF last fall, Alpha Phi Omega members and volunteer helpers raised \$2,000 to be used in relief of Cornell students who find themselves in need of money and unable to obtain it through other means.

Some emergency cases assisted by the SEF include such

cases as students who are burned out of their apartment and need funds to replace their books and clothes, students who need to fly home in times of family emergency but don't have the money for the fare, and foreign students who are temporarily caught short of funds due to fluctuations in the international money market.

Membership in Alpha Phi Omega is open to all interested Cornell students — men and women. Further information on Alpha Phi Omega or the Student Emergency Fund may be obtained from Robert Freeburn '77, Alpha Phi Omega vice president for SEF (257-3262).

## 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.



# 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: Wed. March 19,  
7:30 p.m., Bache Auditorium,  
Malott Hall

Calendar  
THURSDAY, March 6  
Judicial Administrator  
Search Committee, 11:15 a.m.,  
Senate Office  
Housing Subcommittee, 4  
p.m., 103 Barnes Hall

## Senate Actions—February 27, 1975

SA. NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-319	EXPRESSION OF APPRECIATION [The Fifth Senate recognizes those who have served with extraordinary dedication and generous service.]	George Peter	ADOPTED
SA-320	EXPRESSION OF APPRECIATION TO SECRETARY MICHAEL E. FISHER	Robert Platt	ADOPTED
SA-321	EXPRESSION OF APPRECIATION TO SPEAKER ROBERT S. HARRISON	Benjamin Nichols, Robert Platt	ADOPTED
SA-322	ACADEMIC INTEGRITY ACT [Recommends to the Faculty a Statement of Principles and a Code of Academic Integrity, and amends the Judicial Reform and Restructuring Act.]	Committee on Academics	ADOPTED AS AMENDED
SA-323	EXECUTIVE COMMITTEE POLICY PROVISION [Bylaw revision enabling the Executive Committee to speak for the Senate on emergency policy issues during vacation and between semesters.]	Executive Committee	ADOPTED
SA-324	CREDENTIALS COMMITTEE REPORT [Recommends the seating of Sixth Cornell University Senators, recommends various actions concerning validation of Trustee elections.]	Credentials Comm.	ADOPTED AS AMENDED

## Current Legislative Log

BILL NO. & DATE SUB.	ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
E-138 2/25/75	Provides for increased funding and planning of a formal January Orientation Program in recognition of the increasing number of freshmen and transfer students accepted for the Spring semester.	R. C. Platt	Counseling and Advising Comm.
E-139 2/27/75	Confirms the election of Senators to the Sixth Cornell University Senate.	Credentials Comm.	Credentials Committee

## Instruction Improvement Funded

The State University of New York has awarded \$7,056 to five faculty members of the New York State College of Agriculture and Life Sciences for the improvement of undergraduate instruction.

Professor Gerald L. Chrisope of the Department of Food Science will use his \$1,990

award to make a film for classroom use to acquaint students with professional opportunities in the field of food science.

Professor Terry L. Weaver, also of the Department of Food Science, has received \$950 to prepare autotutorial lessons on a number of techniques and in-

struments used in teaching microbial physiology. Where appropriate, segments of the lessons will be used in other courses.

Professor Jason Millman of the Department of Education will use \$1,990 to develop an instructional capability to teach educational statistics, using a combination of two educational innovations, mastery learning procedures and domain-referenced testing techniques.

Professor Kraig Adler and Jon C. Glase, lecturer, both of the Division of Biological Sciences, have been awarded \$2,126 to prepare an autotutorial module on the diversity of organisms in which students learn the life histories, major characteristics and the evolutionary history of living organisms.

These materials will be used by students in three biology courses and for basic instruction in other biology courses.

Forty-three grants were made this year totalling \$89,985 to faculty members of the State University of New York. This is the third year such grants have been made to recognize and encourage excellence in instruction of undergraduate students.

## Maternal Rights

Continued from Page 1

rupted their work lives to go to war. They had for the most part lost the very years which women lose when they leave the labor force for months or years to have children — incidentally, a service to society incomparably more necessary and useful than the sacrifices war demands of men.

"A maternal bill of rights could offer women the means for continuing or taking up vocational or general education. It would be tailored first to manpower needs and within that range to individual predilections. It could allow for a reassessment of earlier work and educational experience so as to permit a fresh start or it could refresh old skills for updated functions."

She concludes by stating,

"Married women are in the labor market to stay. At present they are severely victimized there, mainly because their work-life cycle differs radically from that of men. Working mothers carry a double burden of home and child care duties on the one hand and employment on the other. Immediate provision of child care facilities and opportunities for part-time work would greatly ease these burdens, until society accommodates over the long run to new definitions of sex roles and equalization of parental responsibilities.

"The problems women face are so numerous and so widespread as to reflect both the injustice of expecting them to be able to handle them individually and the need to move rapidly toward social solutions."

## Research Cuts Create Concern

Trustees of Cornell and the State University of New York (SUNY) have voiced concern that the research program of American universities could be severely weakened by budget-cutting "at the very time when American people have maximum need for its healthy functioning."

They urged that fiscal reassessments of universities not sacrifice the quality of university research in order to achieve short-term economies.

"We must keep before us the realization that research is a central purpose of the university along with instruction and public service," they stated.

The joint statement, the first of its kind in the history of the two institutions, has been released by President Dale R. Corson and SUNY Chancellor Ernest L. Boyer.

Commenting on the trustees' statement, Corson said, "In their reaffirmation of the importance of research to American universities and to society, the trustees have zeroed in on a major concern of all such institutions of higher learning — that in these stringent economic times university research functions may be given a low priority."

Chancellor Boyer added that, "Excellence in research is central to the university. More importantly, it is essential to society. As our economic and social problems grow more complex, we must search for solutions in the classrooms and laboratories of our universities. This call for renewed commitment to research is both timely and urgent, and reflects the high priority State University of New York assigns to this essential function."

Corson and Boyer pointed out that while in recent years federal support for research has hit record highs, the buying power of support in 1974

was less than in 1964.

The complete statement by the Boards of Trustees follows:

"The Trustees of the State University of New York and of Cornell University, the Land Grant University of our state, join on this occasion to address a very pressing issue facing American higher education. We believe that the current reassessment of our educational institutions, although a necessary and vital task, could, if misdirected or narrowly conceived, seriously weaken the essential research base of the university. If this were to occur, the university, which has accomplished so much in and for our society, could be debilitated at the very time when the American people have maximum need for its healthy functioning.

"In line with the basic fiscal responsibilities of our Trusteeship, we applaud the concept of reassessment. To study the university is appropriate and vital because of the very real and deep financial problems caused by the economic pressures resulting from the continuing inflation of costs in higher education; the stabilizing of enrollments after more than two decades of growth; and the generally pervasive mood of discontent within our country which suggests we must reexamine all of our institutions.

"However, in spite of these realities we urge the reassessment of the university be conducted with extreme care and attention to all of its basic functions: the education of students, the pursuit of new knowledge, and the movement of knowledge into our communities where it can be put to useful purpose.

"We wish to emphasize, in particular, that the pursuit of new knowledge through re-

Continued on Page 11

## Ombudsman Candidates Sought by Committee

The Search Committee for the next University Ombudsman is soliciting applications from qualified persons. It also asks members of the community to provide the committee with names of persons that should be considered as potential nominees to be approached by the committee.

President Corson has stated that the Ombudsman should be selected from the university faculty, and has indicated preference for a tenured member of the faculty for reasons which the committee also finds compelling. The term will be July 1, 1975 through June 30, 1977.

In the committee's view, a fair-minded person, inclined to seek objective advice on legalistic questions and notably sensitive to the whole range of campus problems, would be most effective as University Ombudsman.

Members of the committee are convinced that the University Ombudsman plays a delicate but crucial role in setting the tone of relationships between people and the administrative apparatus of Cornell. The committee senses that these relationships have come under increasing strain recently and believe that much depends upon the results of the search. Suggestions should be given to a member of the committee, or to the committee through its chairman.

Those who feel qualified and interested, but who are reticent about declaring themselves to be candidates on the strength of present knowledge, are encouraged to telephone the chairman and to discuss the matter with him personally. Such inquiries will be held in confidence at the caller's request.

Members of the committee are Robert D. Miller, chairman, Herbert Deinert, Joe D. Francis, Carl C. Jones, Lisa E. Kopf, Carol L. O'Brien and Stephen A. Pearlman.



## Cornell Hockey Team Goes to Tournament

It's off to Beantown again this year for the Cornell hockey team, which heads for showdown games Friday and Saturday in the Eastern Tournament at the Boston Garden, and carries with it hopes for a spot in the NCAA championships the following weekend in St. Louis.

Cornell won the right to go to Boston by beating the University of New Hampshire,

4-2, in a quarterfinal game at Lynah Rink Tuesday.

Tickets for the Easterns will continue on sale at Teagle Hall, until noon today, when unsold tickets will be sent back to Boston. Tickets are \$3, \$4, \$4.50 and \$5.

Cornell will play the late game (about 9 p.m.) Friday against top Eastern finisher Harvard. Boston University and Vermont play the 6:30 opener.

## Football Assistants Appointed by Seifert

The appointment of four of six football assistants was announced by new head coach George Seifert.

Two who served here under former coach Jack Musick are Terry Mallett, in charge of linebackers and defensive ends since 1971, and Nelson Bobb who joined the staff last season as an offensive line aide. Mallett will still handle the linebackers but Bobb will coach the defensive line, Seifert said.

The newcomers are George Landis of Linwood, N.J., who will coach the defensive secondary, and Bob Watson of Rolling Hills Estates, Calif., who will be the offensive line coach in charge of offensive design and total team technique concepts.

Landis, 25, was a standout defensive halfback at Penn State from which he was graduated in 1971, playing on two Orange Bowl winners.

At Villanova he was the defensive backfield coach the last two years after serving as a graduate assistant at Penn State in 1971 and '72.

Watson, 46, will be here four months each year and will serve as a full-time assistant; he will return to California for the remaining months as West Coast director of the Fellowship of Christian Athletes.

A 1951 graduate of UCLA, he was the starting wingback for Red Sanders and captain of the '50 team.

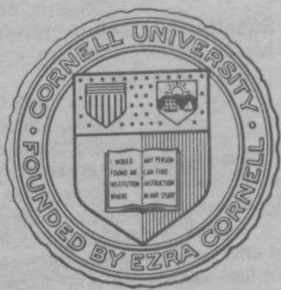
From 1955-62 he was the No. 1 assistant to Tommy Prothro at Oregon State and helped develop the '57 team that played in the Rose Bowl.

He was No. 1 assistant at Utah in 1963-65, the Utes going to the Liberty Bowl in '64. He coached several seasons at the University of Iowa before joining the Fellowship of Christian Athletes as a director, becoming involved in numerous athletic competitions and camps.

"Having coached with him and knowing him since 1964, I recognize him to be one of the truly great football minds in the country," Seifert said.

Mallett, 37, is a 1959 graduate of Ohio University and was associate coach at Kent State for three years before coming to Cornell. Bobb, 27, is a 1970 graduate of Kent State and was an assistant high school coach in Ohio for three years prior to joining the staff here.

Seifert expects to name his two remaining assistants in the next two weeks.



## Leonard Leaps to Record



Cornell's senior co-captain Jim Leonard is on his way to setting a Cornell, Barton Hall and indoor Heps record in the triple jump last Saturday. At the end of this effort, Leonard, who has won the event four straight years, jumped 51'8 1/4". He held the record from the 1974 Heps of 51'1 1/2". Leonard placed second in the long jump, only 1/4" behind the winner. Leonard's efforts earned him the co-Outstanding Performer Award with Mel Embree of Harvard who set a high jump record of 7'. Dave Dupe (shot put) and the Big Red two-mile relay team also gained victories as Jack Warner's team placed second in the meet behind Pennsylvania. Ten teams competed in the annual event.

Photo by Jerry Edelstein

## CU, SUNY Protest Cuts

Continued from Page 10

search is central and basic to the purpose of the university. University research is not an end in itself. Rather, it is the source spring from which flow excellence in teaching, the ability to solve societal problems, and to preview the future critically. For this reason we urge that the cost-cutting necessities before us be applied judiciously lest we damage seriously the very function which can both equip young people with the capacity to work at the frontiers of their fields and help to provide solutions to many of the problems confronting the citizens of this state, our nation, and the world.

"We must keep before us the realization that research is a central purpose of the university along with instruction and public service. It would be a tragedy of massive and enduring impact if short-term

economies were allowed to erode the quality of university research programs at a time when the steady flow of capable graduates and the new knowledge to be derived from such enterprise may well be

the most effective means of solving the problems — economic, social, technological, scientific, environmental and humane — which beset the state and the nation."

## Task Force Appointments

Continued from Page 5

be Doris Marie Provine, a graduate student in government; Norman Kretzmann, chairman of the department of philosophy; Margaret M. Carey, administrative aide in Mann Library, and Roger E. McCarthy, controller for the University Press, Macneil announced.

Macneil appointed Seymour Zachar, a graduate student in design, and E.S. Shepardson, professor of agricultural engineering, to the task force on physical plant, chaired by Alan W. Morrison, assistant

director of biological sciences, and Barbara P. Stevens, administrative aide in the School of Industrial and Labor Relations, to the task force on support of academic mission, chaired by Andrew S. Schultz, professor of engineering.

Macneil said, "I welcome suggestions about membership on task forces or their functions, or any other information, from any member of the Cornell community. Information can be provided either to me or to members of the task forces."

## Calendar

Continued from Page 12

tendance limited to Cornell Community.

8 p.m. \*The Cornell Savoyards present Gilbert and Sullivan's "Pinafore" and "Trial By Jury." Statler Auditorium.

8:15 p.m. \*University Theatre performance of "A Streetcar Named Desire." Willard Straight Theatre. See March 13.

8:15 p.m. Music Dept. Concert: Concert of George Crumb's Music. Barnes Auditorium.

8:15 p.m. Evensong Service, Sage Chapel. Sponsored by the Sage Chapel Choir in commemoration of the 100th anniversary of the chapel.

8:30 p.m. \*Square Dance. Warren 400. Sponsored by the Cornell Grange and FFA.

A Weekend of traditional folk music, dance, tales and crafts will be presented by the Cornell Folk Song Club Friday and Saturday, March 14 and 15, in the Straight Memorial Room. Audience limited to capacity of room.

5 p.m. Shabbat Service. Young Israel House.

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

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

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

### Exhibits

History of Science Collections. Recent Acquisitions - changed monthly. Olin Library 215.

Goldwin Smith Gallery: Drawings and prints by Jerry Bass. Open to March 7. Hours: Mon.-Fri. 9-5.

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

Sibley Dome Gallery: Urban Design for Mid-Manhattan. Open to March 15. Multiple Image Presentation "Ithaca Serenity." Mar. 17-22.

### Announcements

Arthur H. Dean and Mary Marden Dean Book Collection Contest. Open to all undergraduate students. First prize of \$200, five additional awards. Collections must be limited to 35-50 titles. For more information please come to Uris Library Reference Desk. Entries due by 5 p.m. Tuesday, April 1.

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.



# Calendar

## March 6-14

### Thursday, March 6

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

4 p.m. Debate: The Academic Quality at Cornell. Ives 110. Sponsored by Aleph Samach.

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

4:30 p.m. Materials Science Colloquium: "Glass-Ceramic Microstructures." Dr. G. Beall, Corning Glass, Corning, N.Y. Bard 140; refreshments served in Bard Hall lounge (2nd floor) at 4 p.m.

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

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

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

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. Cornell Bridge Club. Clara Dickson Ballroom. Students, faculty, staff welcome.

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

8 p.m. Latin American Free Film Series: "Os Fuzis" (The Guns). A Brazilian Film. Uris Auditorium. Sponsored by the Committee on United States and Latin American Relations. The public is invited.

8 p.m. Sage Chapel: Open Reading of Gabriel Faure's "Requiem." Everyone is invited to come and sing.

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

8 p.m. Lecture by Ms. Seymour Hersh. Ives 120. Sponsored by the Cornell Forum.

8 p.m. North Campus Trivia Contest. First floor lounge, North Campus Union. Sponsored by the NCU Board.

8 p.m. North Campus Union Free Film Series: "Women's Happy Time Commune." Multi-purpose room, North Campus Union. Sponsored by the NCU Board.

8:15 p.m. \*University Theatre presents "A Streetcar Named Desire." 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, JF; Laura Holmberg, LLB; Marie Provine, JD. ILR Conference Center 300. Child care provided. Coffee is available; bring a bag lunch.

3:30 p.m. Energy, Agriculture and Waste Management Series: "Agriculture as an Energy Generating Sector and its Application to Developing Countries." A.D. Poole, Research Asst., Institute for Public Policy Alternatives, SUNY, Albany, N.Y. Riley-Robb 105. Refreshments served at 3:30 p.m. in lounge area.

5 p.m. Shabbat Service. Young Israel House.

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

7 p.m. Cornell Women's Gymnastics. First home meet ever. Cornell hosts Buffalo State and Colgate in Barton.

7 & 9:15 p.m. \*Cornell Cinema Film: "Kamouraska," starring Genevieve Bujold, and "La Vrai Nature De Bernadette." Canadian films shown in connection with Quebec Festival. Statler Auditorium.

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

7 p.m. Lecture: "Loving the Scriptures." Rev. Harold Burkhart. Uris Hall 202. Sponsored by the Cornell Christian Fellowship.

7 p.m. Slides and Discussion: "Clothing As a Woven Art Form." Multi-purpose Room, North Campus Union. Sponsored by NCU Craft Studios and N.Y. State Craftsmen.

7:30 p.m. The American Field Service presents a Symposium on Global Development. Speakers include: Erik Thorbecke, Prof. of Economics, Cornell, "Development—Its Meaning and Implications." Donald K. Freebairn, Prof. of Agricultural Economics, Cornell, "The World Food Crisis." Gilbert Levine, Prof. of Agricultural Engineering, Cornell, "The Technological Context of Development." Ives 112.

7:30 and 9:15 p.m. Women's Intercollegiate Cornell Invitational Ice Hockey Meet. Lynah Rink.

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

8 p.m. North Campus Trivia Contest. First floor lounge, North Campus Union. See also March 6.

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

8:15 p.m. \*Cornell University Theatre production of "A Streetcar Named Desire." Willard Straight Theatre. See also March 6.

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

8:30 p.m. \*Folk Song Club Concert: Sandy and Caroline Paton. Temple of Zeus, Goldwin Smith.

9 p.m. Dance featuring "Weasel's Revenge" and at 10:30 p.m. Trivia Championships. First floor lounge, North Campus Union. Sponsored by NCU Board.

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

### Saturday, March 8

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

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: Terrarium Making. Bring your own bottles. Noyes Center first floor lounge. Sponsored by Noyes Board.

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

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

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

6 & 8 p.m. \*Cornell Women's Invitational Ice Hockey Meet. Lynah Rink.

7 & 9:15 p.m. \*Cornell Cinema film: "The Harder They Come," starring Jimmy Cliff. Uris Auditorium. Attendance limited to Cornell Community.

7 p.m. \*Drama: "The Rapture," performed by the Evelyn Graves Christ through Drama Theatre Group. Also featured, the Pemojane Singers. Refreshments will be served after the performance. Anabel Taylor Auditorium.

8 p.m. Lecture: "Women in the Third World." Ives 110. Sponsored by CUSLAR and NSCPFA.

8 p.m. \*Concert: An Evening With Andre Gagnon. Statler Auditorium. Sponsored by Statler Hotel and University Unions Program Board.

8:15 p.m. Music Dept. Faculty Concert, (repeated from March 7). John Hsu and William Austin. Barnes Auditorium.

8:15 p.m. \*University Theatre production of "A Streetcar Named Desire." Willard Straight Theatre. See March 6, 7.

9 p.m. American Field Service International Party. Open Admission. First floor lounge, North Campus Union.

9:30 p.m. Risley Free Film Series: "Riverrun." Risley Theatre.

### Sunday, March 9

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

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.

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

10 a.m.-11 p.m. \*International Folkdance Workshop. Straight Memorial Room. Sponsored by the Cornell International Folkdance Club.

11 a.m. Sage Chapel Convocation: Richard McBrien, Prof., Dept. of Theology, Boston College, Chestnut Hill, Mass.

3 p.m. Film: "Them." Uris Auditorium. Sponsored by Omnibus.

4 p.m. Music Dept. Concert: Wind Ensemble. Works of Rouse, Ross, Cope, Berlioz, Lockwood and Strauss. Statler Auditorium.

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

7 & 9:15 p.m. \*Cornell Cinema Film: "The Harder They Come," starring Jimmy Cliff. Uris Auditorium. Attendance limited to Cornell Community.

8:15 p.m. \*University Theatre production of "A Streetcar Named Desire." Willard Straight Theatre. See also March 6, 7, 8.

### Monday, March 10

4 p.m. Jugatae Seminar Series: "The Sting." Charles Kugler, graduate student, Dept. of Entomology, Cornell, discusses the evolution of the sting apparatus of ants. Warren 245.

4:30 p.m. University Lecture: "The World, the Text and the Critic." Edward Said, Prof. of English and Comparative Literature, Columbia University. Ives 110.

7:30 p.m. Food Facts and Fads Lecture: "Man's Best Friend - The Cow?" R.A. Warner, Dept. of Animal Science, Cornell. Uris Auditorium.

7:30 p.m. Film: "A Case of Rape." Noyes Center third floor lounge. Part of a two-day program on rape, sponsored by Noyes Board, Women for Safer Community and Safety Director. Panel discussion Tuesday, March 11.

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

7:30 p.m. Areyeh Goren: Prof. of American Studies, Hebrew University, Jerusalem, will speak on "Immigration and Ethnicity in U.S. and Israel." North Campus Union, Conference Room No. 1.

7:45 p.m. Ornithology Seminar. Lyman K. Stuart Observatory. Open to the public.

8 p.m. Lecture: "World Food Crisis." Straight Memorial Room. Sponsored by the Coalition for the Right to Eat.

8 p.m. Lecture: Speaker, Al Lowenstein. Ives 120. Sponsored by the IFC and ILR Student Govt.

8:15 p.m. Music Dept. Faculty Concert: Phyllis Rapoport, piano; Curtis Curtis-Smith, piano. Barnes Auditorium. Works of Debussy and Stravinsky.

9 p.m. \*Cornell Cinema Film: "The Fire Within," directed by Louis Malle, starring Maurice Ronet and Jeanne Moreau. Uris Auditorium. Attendance limited to Cornell Film Club members only.

### Tuesday, March 11

4:30 p.m. Engineering Open House '75: For Freshmen and Sophomores. Chemical Engineering. Olin M-155.

4:30 p.m. Lecture: "Radical Humanists and Scientists of

the Late Sixteenth Century." Jan. A. van Dorsten, Reader in English Literature, University of Leiden. Goldwin Smith 156. Sponsored by the English Dept.

7 & 9:15 p.m. \*China-Japan Program and Cornell Judo Club present Classic Japanese Films: "Woman in the Dunes." Directed by Teshigahara. Anabel Taylor Auditorium.

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

7:30 p.m. Panel Discussion: 2nd part of two-day program on rape. Participants - Safety Division, Psychiatric counselor and a representative from the legal profession. Third floor lounge, Noyes Center. Sponsored by Noyes Board and Women for Safer Community.

8 p.m. \*Cornell Cinema Film: "Husbands," directed by John Cassavetes, starring Peter Falk, Ben Gazzara and John Cassavetes. Attendance limited to Cornell Community.

9 p.m. Thirsty Bear Tavern Old TV Series: Cartoons and Science Fiction Shorts. Sponsored by the NCU Board.

### Wednesday, March 12

2 p.m.-9 p.m. Bead Sale, North Campus Craft Studio, North Campus Union. Dorothy and Jonathan Lawrence. Sponsored by NCU Craft Studios.

4:30 p.m. Faculty Council of Representatives Meeting. Ives 110.

4:30 p.m. Food Science Seminar: "Controlling the Quality of Refrigerated Dairy Foods." James Bender, director of Research, Crowley Food Inc., Binghamton, N.Y. Stocking 204. Refreshments at 4:15 p.m.

4:30 p.m. Engineering Open House '75: Freshmen and sophomores: Applied and Eng'r. Physics. Clark 700.

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

7:30 p.m. Book of Jonah, Bible Text Study, (Sefer Yonah) Hebrew Text and Commentaries. Anabel Taylor G-34.

8 p.m. Lecture: "What's Best for Women? Single-Sex College or Co-education?" Multi-purpose Room, North Campus Union.

8 p.m. Debate on the Middle East. Ives 110. Sponsored by YPSL and Young Socialist Alliance.

8 p.m. Lecture: "Transcendental Meditation: A Scientifically Verified Technique for Self-Actualization." Uris Hall G-08. Sponsored by Students International Meditation Society.

8 p.m. \*The Sleeping Car Murders," starring Yves Montand, Jean-Louis Trintignant, Simone Signoret. Uris Auditorium. Attendance limited to Cornell Community.

### Thursday, March 13

12 noon. Rural Sociology Film Series: "Land in Jeopardy" and "Toward The Year '85." Warren 32.

2-9 p.m. Jonathan and Dorothy Lawrence Bead Sale. Craft Studios, North Campus Union.

4:15 p.m. Society for the Humanities Lecture: "Language and Social Change." Quentin Skinner, Fellow of Christ's College, Cambridge; Visiting Fellow, Institute for Advanced Study at Princeton University. Kaufmann Auditorium.

4:30 p.m. Materials Science Colloquium Series: "Structure and Materials for Some Thin-Film Optical Devices." Prof. J.M. Ballantyne, Cornell. Bard 140. Refreshments served in Bard Hall lounge at 4 p.m.

4:30 p.m. Music Dept. Program: Composer George Crumb speaks on Music. Barnes Auditorium.

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

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

7:30 p.m. Cornell Bridge Club. Clara Dickson Ballroom. Students, faculty and staff welcome.

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

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

8 p.m. University Lecture: "The Seventeenth Season at Sardis: Architecture on the Acropolis." Stuart L. Carter, Architect with Huygens and Tappe. Uris Auditorium.

8 p.m. Free Film Series: Program of shorts: "Eugene Atget"; "Moon"; "Two Men And a Wardrobe" and "Pinter People." Multi-purpose Room, North Campus Union. Sponsored by NCU Board.

8 p.m. Lecture: The Cornell Forum presents Alger Hiss. Ives 120.

8:15 p.m. \*The University Theatre presents a repeat performance of "A Streetcar Named Desire." Willard Straight Theatre.

8:30 p.m. Debate: Anti-trust: Boon or Bane? Ives 215. Sponsored by Radicals for Capitalism.

9 p.m. Noyes Center Free Film Series: "A Wilderness Night" with "Cry Of The Wild." Noyes third floor lounge. Sponsored by Noyes Board.

### Friday, March 14

All Day - EISSC - Synchronized Swimming. Helen Newman Pool.

12:15 p.m. Women's Studies Sandwich Seminar: "Fear Women: The Rising Potential of Rural Women in Developing Countries." ILR Conference Center 300. Child care provided. Coffee available; bring a bag lunch.

3:30 p.m. Energy, Agriculture and Waste Management Series: "Anaerobic Digester Gas Utilization with Fuel Cells." Dr. C.B. Murphy, Managing Engineer, O'Brien and Gere Engineers, Syracuse, N.Y. Riley-Robb 105.

7 p.m. Fashion Show in connection with Black Awareness Week. Anabel Taylor Auditorium. Sponsored by Black Activities Council.

7 & 9:15 p.m. \*Cornell Cinema Film: "An Autumn Afternoon," directed by Yasujiro Ozu, Uris Auditorium.

7 & 9:30 p.m. \*Cornell Cinema Film: "Butch Cassidy and the Sundance Kid," directed by George Roy Hill, starring Paul Newman, Robert Redford and Katherine Ross. Ives 120. At-

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