



## Board to View Study Of Status of Women

A report on the status of women at Cornell — a document that discusses women in the student body, and on the faculty and staff, will be considered by the Board of Trustees when it meets here today, Friday and Saturday.

The committee, under the chairmanship of Trustee Constance E. Cook, has been at work on the report since it was appointed in February 1972. Six trustees served on the group.

In addition, a recommendation will be presented to the board to appropriate funds for the first phase of a project to rehabilitate the Sage College dormitory.

Several other reports and recommendations are included in the summary agenda for the board meetings, which follows:

**SUMMARY AGENDA** for the meetings of the Executive Committee and the full Board of Trustees of Cornell University to be held March 14, 15, 16 in Ithaca, New York.

(NOTE: This summary agenda as released for publication may not include certain confidential items which will come before the meetings. Also other items may be added to the final agenda prior to the meetings.)

1. The minutes of the meetings of the Board of Trustees of Jan. 18-19, 1974, and the Executive Committee of Feb. 12, 1974, will be presented for approval. Ratification and confirmation by the full Board will be requested for the minutes of Executive Committee meetings of Dec. 11, 1973 and Jan. 17, 1974.

2. University Treasurer Arthur H. Peterson will report on the University's current fiscal position.

3. University President Dale R. Corson will report on the University's responsibilities to the New York State Dormitory Authority concerning the policy of operating Housing and Dining Services on a self-supporting basis.

4. The President will recommend certain actions concerning recent bequests received by the University.

5. The President will recommend amendment of

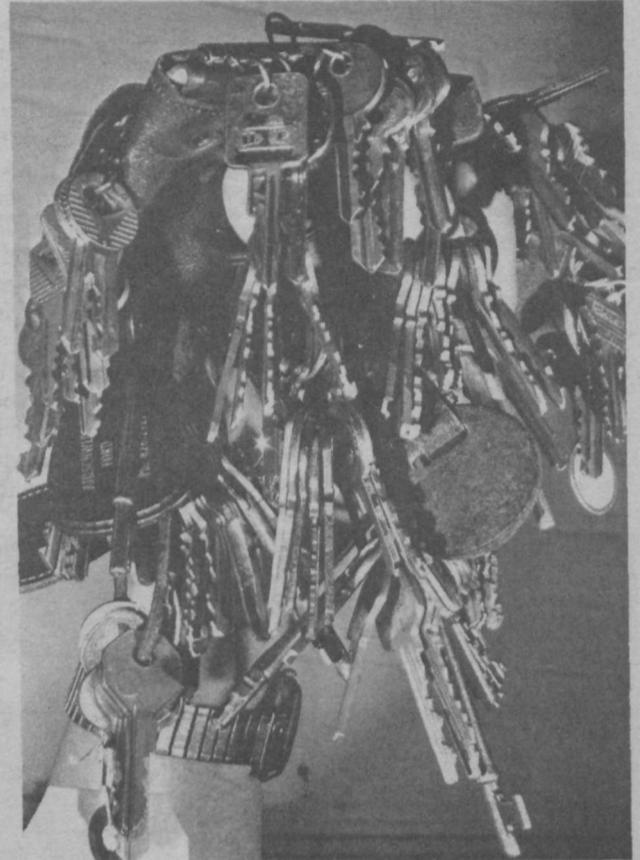
Executive Committee action taken Sept. 11, 1973, which authorized conversion of space on the fifth floor of D Building at the Cornell Medical College. The recommended amendment will eliminate the condition that matching funds be obtained from the State of New York. The President will also recommend that the additional sum of \$150,000 be appropriated from the Fund for Medical Progress. The President will explain that the need for the amendment arose due to technical problems with obtaining state funding and that the urgency of the need for the space mandates an alternate funding arrangement.

6. The President will recommend an appropriation of \$15,000 in support of a special research project for early detection of pregnancy under the direction of Brij B. Saxena, professor of endocrinology in obstetrics and gynecology in the Division of Endocrinology in the Department of Medicine at Cornell Medical College. The funds will come from the Ephraim Shorr Endocrinology Fund at the Medical College.

7. The President will recommend allocation of \$70,000 from the General Contingency Fund for purchase of increased academic computer services. The President will report that this allocation will be recorded as income to the Office of Computer Services and that the proposed allocation will have no net impact on the overall university expenditure during the current year.

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## A Glittering Find



These are among the dozens of lost keys annually turned over to the Safety Division in Barton Hall where they can be identified by their owners. If you have lost keys lately, contact the Division's security administrator, Fred Rosica at 6-5215.

## Basketball Audit Completed

A complete investigation by the Cornell University auditor of alleged misuse of funds earmarked for basketball team travel expenses has revealed that a total of 44 prospective students had their application fees paid

improperly.

Jon Anderson, Cornell's director of athletics, made the announcement following receipt of a confidential report on basketball travel expenses to him from Leo Collins, University auditor.

In his report, Collins stated that based on information he had received concerning the basketball team road trip of December 6-11, 1973 and the road trip of January 14-20, 1974, he determined that "\$880.00 of \$1,928.50 of cash claimed to have been used for the trip expenses was used instead to pay the application fees of 44 prospective basketball players." This practice was a bypass of the University's normal admissions application fee procedure.

Allegations that funds intended for expenses on the December trip to Missouri and Pittsburgh had been used to pay application fees led Anderson to ask Collins for a complete audit. The January trip took the team to Richmond, Va., Worcester, Mass., and New York City.

Anderson said that all 44 applicants have been notified officially that their applications were not being processed and that they would have to pay the \$20 fee if they wish to be considered for admission to Cornell. The applicants were also told that they could apply for a waiver of the \$20 fee, based on financial need. Such a waiver is standard procedure.

Collins' investigation disclosed that vouchers turned in by the basketball coaching staff show that money was given to team members for meals when, in fact, several of the meals were billed to the University and \$880 was used to purchase money orders payable to Cornell University to accompany applications. No new developments in the matter are anticipated.

Tony Coma, who became Cornell's head basketball coach in 1972, resigned on February 7. Tom Allen, Coma's assistant and acting head coach following

*Continued on Page 12*

## The Better to See You With



Cornell shark expert Perry W. Gilbert says that the shark's keen sensory systems are a key to the fish's long survival. (See story on page 2.)

# Lesson of the Shark: In Adaptability is Survival

Sharks, now swimming at the pinnacle of three hundred million years of evolution, have an important lesson for humankind: in generalization there is strength.

Perry W. Gilbert, professor of neurobiology and behavior at Cornell and director of the Mote Marine Laboratory in Sarasota, Fla., said that the shark's "happy combination" of extremely primitive organ systems with a highly developed productive ability and sensory acuity have rendered the species impervious to the press of time. Sharks have few natural enemies outside of themselves. Gilbert added, a fact which gives them a common bond with man.

At the Mote Lab, also known as the "world shark center," scientists have dissected and studied the generalized organ systems: the muscular, skeletal, digestive, respiratory, circulatory and most of the nervous system — the brain and spinal cord. These display what Gilbert called a "diagrammatic simplicity."

According to Gilbert, this generalization is one part of the shark's evolutionary success. Even today, the fish remains incredibly adaptable. The shark was witness to the "rise and demise" of great groups of animals like the dinosaurs, but by staying flexible it stayed alive.

"By clear analogy," Gilbert said, "there is a real danger in man's becoming too specialized, particularly in his intellectual ability. We do not control our biological evolution, but I think the lesson of the shark makes a strong case for the arts college education." Gilbert added that highly specialized training leaves no room for the development of creativity, that asset of ours which assures our continued adaptation.

In two areas, reproduction and sensory perception, evolution has finely honed the shark's ancient organ systems. All sharks copulate (i.e. fertilization is internal) and most species are live bearers. While a female shark has only one ovary, she has two uteri, each of which is capable of supporting from one to sixty young.

"Reproduction," Gilbert said, "is the one system concerned not with the life of the individual but with the perpetuation of the species."

The life of the individual depends on the ability to procure food and avoid danger. To do this, the shark can rely on three highly specialized sensory systems — visual, olfactory and lateralis, or vibration sense.

The lateralis system enables the shark to sense movements of the surrounding water at great distances. The system comprises a series of fluid-filled canals in

the head and along each side of the body. The canals lie beneath the skin and open to it through small tubes. Neuromasts, cells with hairlike processes connected to the nervous system, extend into the canals from their inner walls. Movement of the fluid in the canals, produced by disturbances in the water outside, causes the hairlike processes to move and thereby triggers release of a nerve impulse. Any vibration, from the blast of a torpedo explosion to the thrashing of a wounded fish or a human swimmer, can be felt in the lateralis system from as far away as several hundred yards.

A shark can sniff out the scent of tuna extract in the water in dilutions as weak as one part in twenty million, laboratory experiments have shown, even at distances of a quarter of a mile. It is easy to imagine how a shark could discern the presence of possible prey from afar with its vibration sense, then swim closer to get a better idea of what is moving through its keen olfaction.

It is only at very close range — within 50 feet — that a shark can make use of its highly adapted eyes. While he might be called near-sighted, the shark can see in water so dark and murky that our own eyes would be useless. Special structures behind the retina, tiny plates coated with guanine crystals, behave as silvered

mirrors. Called tapetum, they reflect the incoming light back through the retina, restimulating the light-sensitive rods in the retina. (The rods are the receptors which give the eye sensitivity to contrasts of light and shadow and to motion.) When the shark approaches the surface, as it periodically does, curtains of pigment cells descend over the tapetum and insure that the shark is not blinded by the light.

It should be noted that only 35 of the 250 known species of sharks pose a threat to man. Paradoxically the two largest sharks, the whale shark and the basking shark, are plankton eaters, subsisting on tiny marine crustacea and fishes.

"The shark as an experimental animal in biomedical research," Gilbert said, "is proving a great benefactor to humankind." Researchers from the National Institutes of Health are frequent visitors to the Mote Lab, investigating problems of physiology, immunology and virology in the shark's simplistic interior.

The National Cancer Institute, in particular, is seeking a factor in the blood serum of sharks which may inhibit cancerous growth. Sharks are believed to have a natural resistance to cancer because only six of all the sharks ever captured have been found to have tumors.

## Masters Program in Engineering Beginning to Have Wide Influence

Cornell's College of Engineering has long recognized the need for two types of engineering education: preparation for a career in teaching and research, and preparation for a professional engineering career. Recently, the ideas embodied in this two-pronged approach have begun to affect other engineering colleges and may have some influence on licensing requirements for professional engineers, according to Dwight A. Sangrey, associate professor of structural engineering at Cornell.

He reported on the development of the Cornell Professional Masters Program at the Conference on Civil Engineering Education held Feb. 28-March 2 at Ohio State University and sponsored by the American Society of Civil Engineers (ASCE).

"Cornell has a long experience in this area," Sangrey said. "Some 75 to 80 per cent of our students go on to earn advanced degrees. For the practitioners, a masters degree usually means a 20 per cent higher salary."

Two years ago, a Cornell committee chaired by George Winter, professor of structural engineering, surveyed distinguished practitioners and recent Cornell graduates to assess the educational needs of the professional engineer. Winter's report concluded that a minimum of five years was required to properly prepare a student for a career in civil engineering. Another committee, chaired by Sangrey, was charged with implementing the

recommendations of the first. The present professional masters program is the direct result of these combined efforts.

"As packed as the undergraduate engineering curriculum is," Sangrey said, "there still isn't time to get all the needed coursework and experience done in four years."

The higher salaries offered to students with masters degrees are an indication of the industry's agreement with this philosophy. The findings were further corroborated at the recent ASCE meeting, where a "concensus of the conference" showed that those in attendance felt five years to be a minimum educational requirement which should be reflected in the licensing procedures for professional engineers.

At present, an applicant for a civil engineer's license must have a bachelor's degree plus four years' professional engineering experience, and demonstrate proficiency on a series of examinations.

Sangrey said that some educators want to see engineering schools made more like medical and law schools, where the student receives three or four years of specialized training beyond the undergraduate degree. In the last 18 months, Sangrey has collaborated with educators at several other institutions committed to professional masters programs, including Lehigh University, University of Kentucky, Washington State University, University of Mississippi, University of Florida

and Pennsylvania State University.

Another Cornell innovation is a design course which involves the participation of practicing professional engineers in a two-week problem-solving project. Students and professionals work together on a joint project. Two past consultants to this class attended the ASCE conference to present further discussion of the professional masters program. They were Arthur Adams, an associate with Greeley and Hanson of Chicago, and Lev Zetlin, president of Lev Zetlin Associates of New York City. Both Cornell alumni, Adams received his master of civil engineering degree in 1965, and Zetlin earned both a master's degree and a doctoral degree in 1951 and 1953, respectively. Cornell's experiences with this approach to teaching design were presented in a paper to the conference by Richard N. White, professor of structural engineering, Vaughn Behn, associate professor of environmental engineering, and two consultants.

Alonzo W. Lawrence, associate professor of environmental engineering, addressed the conference on the subject of undergraduate preparation for careers in environmental quality engineering.

### —Chronicle—

All items for publication in 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.

## Messenger Lectures

### Bober Views Celtic Art

Art historian Harry Bober will present the 1974 spring Messenger Lecture Series starting Tuesday at Cornell. Bober's general topic will be "Celtic Illuminated Manuscripts: Enigmas and Mysteries."

He will discuss possible meanings of the abstract decoration and tortuously interwoven animal ornament in the Book of Durrow and the Lindisfarne Gospels, manuscripts believed to have been produced in northern England in the late seventh century.

The six lectures of the series, open to the public, will be given in the Bache Auditorium of Malott Hall. All lectures will begin at 8 p.m. The dates and individual topics are: "The Celtic Illuminated Book," Tuesday, March 19; "Transmutation: From Barbaric to the First Christian Art," March 20; "The Riddle of the Biting Beasts," March 21; "The Riddle of the Tangled Knots," March 26; "The Mystery of the Illuminated Work," March 27 and "Transcendence: Beyond the Image of Man," March 28.

The Messenger Lecture Series is the most prestigious at Cornell. The series was established in 1924 to attract the world's leading scholars and thinkers to discuss topics related to the evolution of civilization. The series is named for Hiram F. Messenger, a Cornell graduate and mathematics professor and pioneer in health insurance who died in 1913.

Bober is the Avalon Professor in the Humanities at the Institute of Fine Arts of New York University (NYU). Prior to joining



Harry Bober

the Institute in 1954, he had taught at Harvard, Smith



CORNELL  
CHRONICLE

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## Alger Endows Chair, Women's Scholarship

President Dale R. Corson yesterday announced gifts from an emeritus University trustee to establish a professorship and scholarships for students. The professorship, when established, will be filled by a woman and will be in the College of Arts and Sciences. The scholarships are for women students.

Donor of these funds is Judge Mary Donlon Alger, of Tuscon, Ariz., a senior judge of the United States Customs Court.

The gift is in the form of a trust agreement. In making the gift, Judge Alger noted that there had been, in many American universities, less than equal opportunity for women scholars to hold distinguished professorships. It was her purpose, Judge Alger said, "to overcome this prevailing discrimination against women and afford them, in at least this one instance, equality of opportunity with men for academic service."

President Corson said Judge Alger's gifts "will enhance significantly both the status of academic women at Cornell and the academic status of women. The endowment by Judge Alger of a distinguished professorship in the College of Arts and Sciences to be filled by a woman of full professorial rank is particularly timely as the University considers methods and goals toward achieving increased status for women at Cornell. Judge Alger has always been a pioneer and a leader, both in her profession and in her service and generosity to Cornell. Her University is grateful for her leadership and her support."

Corson said the professorship,

when established, would be known as the Mary Donlon Alger Professorship.

Judge Alger was appointed to the United States Customs Court in 1955. She was the first woman appointed to the Federal bench by the late President Dwight D. Eisenhower, and the first New York State woman ever appointed a Federal judge.

She is a 1920 graduate of the Cornell Law School who began her law career in New York City in that year and became, in 1928, a partner in the firm of Burke and Burke. She continued actively in that partnership until she was appointed chairman of the New York State Industrial Board in 1944 by Governor Thomas E. Dewey. The following year she was named chairman of the State Workmen's Compensation Board and continued at that post until her judgeship appointment.

The annual Mary H. Donlon Lectures in Cornell's New York State School of Industrial and Labor Relations were endowed in her honor by leaders in industry, labor and the professions. A scholarship fund was established at Cornell by the judge following the uprising in Hungary in 1956 to provide scholarship aid to young women refugees who had been University students in Hungary.

She has long been active in Cornell and civic activities. She has been a member of the University Board of Trustees since 1937 — at that time she was the only woman trustee. She served from 1946 to 1963 as vice chairman of the Board's executive committee. In June

*Continued on Page 8*

### Second Term

## Platt Elected Student Trustee

Robert C. Platt, a first-year law student at Cornell, was elected by the student body to serve a second two-year term on the University's Board of Trustees. He served as student trustee elected by University Senate student senators from 1972 to the present.

His new term began March 1.

Platt has been an active member of the Senate since its inception in May 1970, and has served on the executive committee of that body. Before the Senate was formed, Platt was a member of the Cornell Constituent Assembly, a body responsible for the formation of the student, faculty and employe Senate at Cornell.

While a first-term trustee, he was a member of several board committees, including the executive, buildings and properties and communications committees. His Senate activities include the vice chairmanship of the Joint Senate Presidential Committee on Campus Planning and author or co-author of some 60 bills, 18 of which were adopted by the Senate.

Platt was graduated from Cornell with a bachelor of arts degree in chemistry in 1973. He is the son of Dr. and Mrs. Victor D. Platt of West Dundee, Ill.

**Keep Up With Cornell;  
Read the Chronicle  
Thursdays**

## Plans Completed for Committee To Study Status of Minorities

Plans have been completed for the operation of committees to study the status of minorities at Cornell.

A University Board of Trustees committee on the status of minorities at Cornell was formed in January by Robert W. Purcell, chairman of the board, after several meetings of an employe-organized committee on the status of blacks with University President Dale R. Corson and University Provost W. Donald Cooke.

The trustee committee on the status of minorities has been asked to study "the status of minority students, faculty members and employes at Cornell University and to make appropriate recommendations concerning that status."

Corson has endorsed the committee on blacks as the organization to prepare that part of the report which deals with the status of black students, faculty members and employes.

The committee on the status of blacks initiated meetings with the president and the provost to solicit cooperation with its efforts to develop a report on blacks to parallel the report of the trustee committee on the status of women, according to

Chester Williams, chairman of the committee and a computer programmer at Cornell.

Trustee members of the committee on minorities are Desdemona Jacobs, committee chairman and a guidance aide at Boynton Junior High School, Ithaca; Urie Bronfenbrenner, professor of human development and family studies at Cornell; James L. Gibbs Jr., dean of undergraduate studies at Stanford University; Rober A. Cowie, president of C&M Spring Co., Inc. in Berwick, Pa.; William R. Robertson, general agent for the Massachusetts Mutual Life Insurance Co. in Boston; Mary Beth Norton, assistant professor of history at Cornell, and Patricia J. Carry, chairman of the Cornell Council.

Non-trustee members are Lee C. Lee, assistant professor of human development and family studies at Cornell; Edward Gonzalez, senior extension associate at the New York State School of Industrial and Labor Relations at Cornell; Frank C. Bonamie, affiliate of the Native American Special Services Program at St. Lawrence University, Canton; and Roberto O. Gonzalez, assistant professor of romance studies at Cornell.

### Career Calendar

New York State Civil Service has announced a "job family group" examination in the Natural Sciences and Technology on May 11. Application deadline is April 8. A detailed list of positions covered and the application forms can be obtained at the Career Center, 14 East Avenue, 256-5221.



## Get a Touchdown



**YEAH TEAM!** — Cheerleader tryouts for 1974-75, with freshman, sophomore and junior girls eligible, will begin with an organizational meeting at 4:45 p.m. Monday in Helen Newman Lounge.

### Sage Notes

Graduate students who expect to complete degree requirements this spring should pick up a packet at the Graduate School describing mechanics of thesis preparation. Candidates for a master's degree are reminded especially of the new requirement for a thesis Abstract to be bound immediately after the Title page. The deadline for submission of all materials for a June degree is May 17, 1974. Earlier submission is necessary to assure listing in the graduation program.

There is still time to apply for a Summer Fellowship. Forms are available in the Fellowship Office, Sage Graduate Center. Completed applications are due in the Graduate School by April 1.

Students are again reminded that the deadline for adding or dropping a course or changing a course to Audit is Friday, April 5, 1974. If you are going to make a change, please come to the Graduate School Office soon and complete a Change of Course Authorization Form.



**Robert Platt**

# Chronicle Comment

*Chronicle Comment is a forum of opinion for the Cornell Community. Comment may be addressed to Barry Strauss, managing editor Chronicle, 110 Day Hall.*

## Another Look at Nuclear Option

Editor:

In the discussion of the nuclear energy option (Chronicle, Jan. 24-Feb. 7) the reader may have received the impression that the most serious problem of fission energy is its public acceptance. I believe that the management and disposal of the radioactive waste is a far more serious and yet technologically unsolved problem. Since I am not an authority on nuclear energy myself, I want to substantiate my claim by quoting from a few articles which were written by people involved in the development of nuclear technology.

By the year 2,000, a total of 150 billion Curie of high level radioactive waste is expected to have accumulated in the US alone (J.O. Blomeke, J.P. Nichols, and W.C. McClain, Oak Ridge National Laboratories, in Physics Today, Aug. 1973, pg. 36). In order to give a feeling for this amount, these authors also computed the quantity of air or water that would be needed to dilute this waste to a level considered acceptable for inhalation or ingestion by the general population. These quantities are more than a thousand times the total amount of air on this planet, or four per cent of its water. Clearly, only a very small fraction of this poison may be allowed to enter the biosphere. Because of the very long time which it takes for this poison to lose its radioactivity, it will have to be sequestered for periods exceeding thousands or hundreds of thousands of years, depending on the decay times of the various radioactive isotopes. By human standards, these are essentially infinitely long times.

The current state of what is called the ultimate disposal of the waste was summarized by Dr. F.K. Pittman, the director of the AEC's Division of Waste Management and Transportation. He wrote (AEC News Release 3, 47 (1972)):

"In conclusion: (1) the program being followed by the industry under AEC regulation and by the AEC offers assurance that the commercial high-level waste will be managed safely

### *Management and Disposal of Waste Pose Problems*

from its initial production; (2) the engineered surface storage method, to be used initially by the AEC, is good for as long as adequate human surveillance and maintenance effort is continued; (3) the probability that work currently under way will demonstrate the use of bedded salt as a safe acceptable ultimate disposal method within the next ten to fifteen years is very high; (4) should bedded salt not prove to be acceptable, other acceptable geologic disposal concepts offer reasonable probability of reaching a point of acceptability within two or three decades; and (5) the waste in initial storage will be easily retrievable for either near- or far-term disposal methods when they are developed."

Earlier in this paper, Pittman stated that other disposal concepts, e.g., burial in extremely deep holes, polar icecaps, or tectonic sinks, or disposal in outer space, or nuclear transmutation, were generally considered to be either infeasible or impractical at this time.

While the search for the ultimate disposal continues, the waste continues to accumulate. What will we do, if an acceptable solution cannot be found? Dr. A.M. Weinberg, former director of the Oak Ridge National Laboratories, considered in some detail what it means to need a solution that would be good forever. In a paper entitled "Social Institutions and Nuclear Energy," he discussed the two demands a peaceful use of nuclear energy will make on our society (Science 177, 27 (1972)). The first demand he stated is that of no engineering or human failure. Then he went on:

"The second demand is less clear, and I hope it may prove to be unnecessary. This is the demand for longevity in human institutions. We have relatively little problem dealing with

wastes if we can assume always that there will be intelligent people around to cope with eventualities we have not thought of. If the nuclear parks that I mention are permanent features of our civilization, then we presumably have the social apparatus, and possibly the sites, for dealing with our wastes indefinitely. But even our salt mine may require some small measure of surveillance if only to prevent men in the future from drilling holes into the burial grounds."

He concluded the paper with this question:

"Is mankind prepared to exert the eternal vigilance needed to ensure proper and safe operation of its nuclear energy system? This admittedly is a significant commitment that we ask of society. What we offer in return, an all but infinite source of relatively cheap and clean energy, seems to me to be well worth the price."

In the discussion in the Chronicle, the need of educating the public has been mentioned repeatedly. In addition, I would stress the need for a careful consideration of the long term consequences of a commitment to nuclear energy: What we are doing now may very well never hurt us, but rather our great-grandchildren, who may get poisoned by the radioactive waste we left behind. This appears to be the crucial point. I disagree strongly with the attitude expressed by Mr. Craig Hosmer, member of the US Congress and member of the Joint Committee on Atomic Energy, in a letter to me (dated Sept. 14, 1973):

"My point is that a modicum of humility about mankind and the inevitability of progress dictates an assumption that future humans will be much more capable of handling perpetual problems than present humans — and that undoubtedly they will be able to do so with ultimate safety no matter how badly current generations perform."

*R. O. Pohl  
Professor of Physics  
(on Sabbatic Leave)*

## Dishonest Few Plague All Groups

Editor:

An analogy can be drawn from Joseph M. Zanetta's Letter to the Editor entitled "Let's Improve Morality at Cornell," (Feb. 28) which apparently is not easily recognized by the "pretended Liberals" who are turned off by the "Establishment". These Liberals will some day recognize that we elders who seem to make up the Establishment (including hard hats) were also

plagued by the same unidentifiable dishonest few back when we were swallowing gold fish. Seemingly there are always a few of these people in all societal units who, without conscience, continue to escape detection. Their numbers pyramid to many as the units join in world affairs; they have given the Establishment the same bad appearance that Super-liberals lend to student bodies, especially

through the eyes of hard hats. Some will become more successful than the average person. These "afflicted" people who are "hopefully not representative of the majority" sometimes become very much a representative of the majority.

We elders of the Establishment are still searching our group for those of us afflicted with the disease of not telling the truth.  
*Continued on Page 11*

## 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, N.W. Please do not inquire at individual departments until you have contacted Personnel. An equal opportunity employer*

(POSITION) (DEPARTMENT)

- Senior Administrative Secretary, A-17 (philosophy)
  - Administrative Secretary, A-15 (Dining Services)
  - Department Secretary, A-13 (Science, Technology and Society)
  - Steno A-11 (Applied and Engineering Physics)
  - Steno II, NP-6 (Communication Arts)
  - Steno II, NP-6 (Rural Sociology)
  - Steno II, NP-6 (Animal Science)
  - Clerk III, NP-7 (Vet College)
  - Library Assistant II, A-12 (Library)
  - Administrative Aide I, NP-11 (NYSSILR)
  - Administrative Aide II, NP-14 (Floriculture and Ornamental Horticulture)
  - Administrative Assistant I, NP-16 (NYSSILR(NYC))
  - Program Aide I, NP-5 (4) (Cooperative Extension (NYC))
  - Senior Auditor (Auditor's Office)
  - Assistant Counsel (University Counsel)
  - Area Manager (Dining Services)
  - Personnel Officer, P-20 (NAIC (Arecibo Observatory))
  - Director of Information Services (Communication Arts)
  - Director (Public Information)
  - Assistant Librarian (Library)
  - Librarian (Library)
  - Counselor (Division of Academic Services)
  - Sound Program Supervisor (Laboratory of Ornithology)
  - Cooperative Extension Specialist (CRD) (Cooperative Extension Administration)
  - Cooperative Extension Specialist (Cooperative Extension Administration (NYC))
  - Cooperative Extension Specialist (Fredonia) (Cooperative Extension Administration)
  - Cooperative Extension Specialist (Brockport) (Cooperative Extension Administration)
  - Cooperative Extension Specialist 494 (Cooperative Extension Administration)
  - Director of Transportation (Transportation)
  - Librarian (2) (Geneva)
  - Director (Cornell Safety Division)
  - Manager-Systems Programmer (OCS)
  - Assistant Football Coach (Athletics)
  - Head Coach-Basketball (Athletics)
  - Assistant Coach-Basketball (Athletics)
  - Lab Technician I, NP-8 (Agronomy)
  - Lab Technician I, NP-8 (Avian Diseases)
  - Lab Technician I, NP-8 (2) (Vet College (Vernon Downs))
  - Lab Technician, A-17 (Biochemistry, Molecular and Cell Biology)
  - Research Technician II (2) (Geneva)
  - Research Technician III, NP-12 (Vet College (Vernon Downs))
  - Research Technician IV, NP-14 (Ecology and Systematics)
  - Research Technician III, NP-12 (2) (Geneva)
  - Steam Fireman, NP-8 (Geneva)
  - Stockkeeper III, NP-9 (Geneva)
  - Research Associate (Plant Pathology (Geneva))
  - Research Associate (Agricultural Economics)
  - Research Associate (2) (LAASP)
  - Sr. Research Associate (Vet College (Vernon Downs))
  - Postdoctoral Associate (Ecology and Systematics)
  - Programmer C, NP-13 (Physical Biology)
  - Technical Aide II, A-17 (Chemistry)
  - Technical Aide I, NP-9 (Human Nutrition and Food)
  - Extension Aide (Agricultural Economics)
  - Research Engineer II (National Astronomy and Ionosphere Center)
  - Electrical Engineer, A-28 (Buildings and Properties)
  - Sr. Electronic Technician, A-19 (Biological Sciences)
  - Sr. Patrol Officer, A-21 (Safety Division)
  - Cashier I, A-9 (Cornell Campus Store)
- PART-TIME AND TEMPORARY POSITIONS**  
*(All temporary and part-time positions are also listed with Student Employment)*
- Temporary Service Clerk (Vet College (temp. p/t))
  - Clerk, A-9 (Statler (temp. p/t))
  - Security Guard, A-9 (Cornell Campus Store (temp. p/t))
  - Lab Technician I, NP-8 (Genetics, Development and Physiology (temp. f/t))
  - Research Associate (5) (Lab of Nuclear Studies)
  - Research Associate (Plasma Studies)
  - Postdoctoral Associate (4) (LASSP)



Elizabeth Massey (left), Caroll Pounder and Celeste de Saussure



Desdemona Jacobs



Celeste de Saussure

## 'Amen Corner'

"The Amen Corner," the first of James Baldwin's only two dramas, will be performed at Cornell Friday, Saturday and Sunday (March 28, 29, and 31) by the United Black Artists (Uba) under the direction of Chestyn Everett, the Langston Hughes professor of Black Theater and Literature at Cornell's Africian Studies and Research Center (AS&RC).

Performances are scheduled at 8:30 p.m. Friday and Saturday and at 7:30 Sunday at the Willard Straight Hall Theater.

Everett described Baldwin as "a great writer of uncommon grace and of unequalled lucidity of vision." Baldwin's words in "Notes for The Amen Corner" best express his theme in the play, he said:

"The first line written in 'The Amen Corner' is now Margaret's line in the Third Act: 'It's an awful thing to think about the way love never dies.' 'The Amen Corner' comes somewhere out of that. For to think about my father meant I had also to think about my mother and the strategems she was forced to use to save her children from the destruction awaiting them just outside our door."

Baldwin describes the piety of Margaret, his central figure, as a "merciless piety," Everett said. She must express her need for human affirmation and for vengence in the church because society has forced her out of everywhere else, he said.

Everett has drawn his Uba cast from Cornell, Ithaca College and the local black community, as well as guest Ubas from outside the area. "The black community is wherever black people are," Everett said.

Playing the demanding role of Sister Margaret will be guest Uba Elizabeth Massey, a senior dramatic arts major at Howard Univ. in Washington, D.C. Margaret's arch rival, Sister Moore, will be played by veteran Uba Celeste de Saussure, a master of fine arts candidate at Cornell. Cast as Margaret's returning husband, Luke, will be veteran Uba John Peak, also a master of fine arts candidate at Cornell.

Odessa, Margaret's older and protecting sister is double cast: Carol Pounder, a senior drama major at Ithaca College, will play the role on Friday and Sunday and Shirley Hairston, an Uba veteran and music major at Ithaca College, will play Odessa on Saturday. Curtis Dennis, a sophomore at Cornell, will play Margaret's sensitive son David.

The cast drawn from the Ithaca black community includes: Desdemona Jacobs, a Cornell trustee and a counselor at Boynton Junior High School, who plays Sister Boxer; James Barrett, a DeWitt Junior High School counselor, who plays Brother Boxer; Bettie Henderson, an Ithaca housewife, as Sister Rice; and Carolyn Welch, a counselor at East Lansing School for girls, as Mrs. Jackson.

Completing the cast are Katherine Gamble as Sister Sally, Winston Samuel as Herman and singers Beverly Gains, Clarissa Hubbard, Henry Millbourne, Wendell Stone, Memenda Jackson, Kay Sellars, Lorine Cummings, Alice Barnes and Larry Piggee.

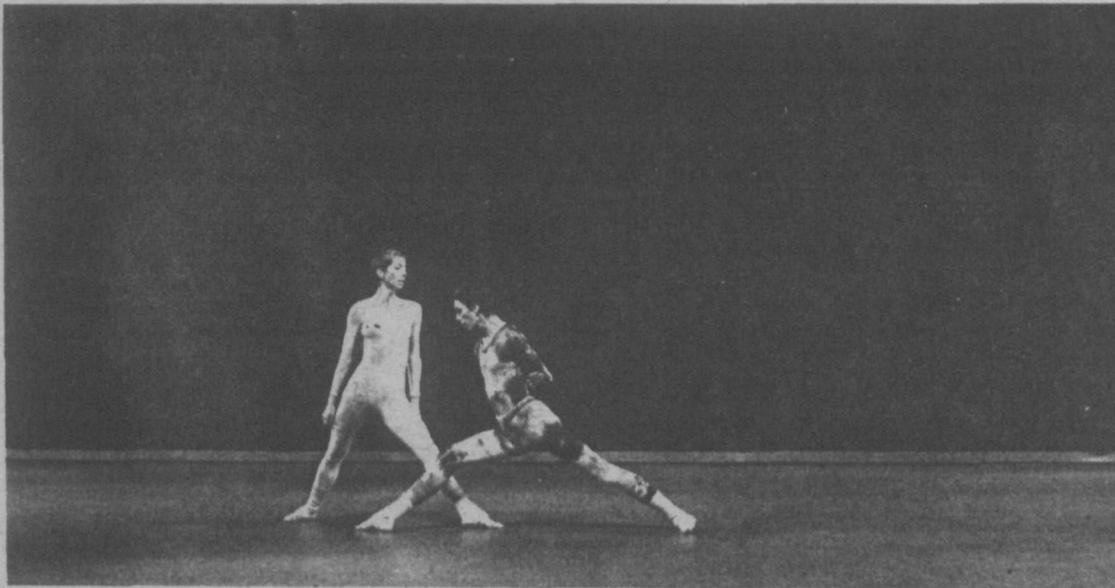
Phoebe Hamilton and Curtis Taylor will direct the music for the production. Alan Saunders of Albany will play trumpet and Joseph Hundley and Delridge Hunter will play drums.

Tickets for the production are on sale at the AS&RC, the Willard Straight Hall Box Office and at Ithaca College's Egbert Union. All seats are reserved.



Elizabeth Massey

## Viola Farber Company to Perform



**IN FOCUS** — Viola Farber and Jeff Slayton of The Viola Farber Dance Company, shown above in "Poor Eddie," one of the works to be performed in the Company's concert at Helen Hewman Gymnasium Tuesday.

The Viola Farber Dance Company will perform at Helen Newman Gymnasium at 8:30 p.m. Tuesday.

The company has received glowing notices from dance critics in both the United States and Europe, and is particularly popular in New York City, its home base. Its repertoire is choreographed entirely by Farber, who formed the company in 1968 after 12 years as a principal dancer with the Merce Cunningham Company.

"Some of the Symptoms for Two," one of the

pieces to be performed at Tuesday night's concert, was described by The New York Times as "Ms. Farber at her best, couching her appealing personal humor in a technically impressive and rigorous format."

Tickets for the performance are on sale at the Willard Straight Hall Box Office, and at the Cornell Dance Office from 2 to 5 p.m. Students will be given a discount.

## Juilliard Quartet To Give Recital Here Next Week

"As symbols of durability in a shaky world, Beethoven and the Juilliard (String) Quartet will do," Donal Henahan, music critic at The New York Times, wrote recently.

The Juilliard String Quartet, whose performances over a number of years have been warmly received by local audiences, will return to Ithaca to perform as part of the Cornell University Statler (Hall) Concert Series at 8:15 p.m. next Friday (March 22).

The quartet is composed of Robert Mann, violin; Earl Carlyss, violin; Samuel Rhodes, viola, and Claus Adam, cello. Describing the cohesiveness of the group, a Newsweek critic wrote, "The extraordinary unity the Juilliard Quartet achieves is not the compromise of four musicians mixing a rich homogenized brew with every musical ingredient at hand; instead the players dynamically assert their individuality, intensifying the tension between the one and the many."

In addition to their activities as quartet-in-residence at the Juilliard School of Music in New York City, they have been quartet-in-residence at the Library of Congress in Washington D.C. since 1962. Their status at the Library of Congress gives them the privilege of using the invaluable Stradivarius instruments willed to the people of the United States by Gertrude Clard Whittall in 1936.

Tickets for the concert are on sale at the Lincoln Hall Ticket Office. All students will be given a discount and Cornellcards will be accepted.

## Academic, Financial Dateline

**Thursday, March 14** — Selection of C.O. rooms in each building. Look for notices in your hall. Room contracts signed at this time. Security deposits due.

**Wednesday, March 20** — All CornellCard bills are due. CornellCard office 260 Day Hall.

**Friday, March 22** — Last day for changing registration for Extramural students. Rm. 205 Day Hall.

**Monday, March 25 - April 6** — Pre-registration will be held. Consult your college or school office for the time and place.

**Monday, April 1** — CornellCard bills will be out.

**Reminders:** All freshmen who have been contacted about BOG (Basic Opportunity Grant) awards should submit application to the processing agency in Iowa as soon as possible. Any questions can be directed to Mrs. Haxby in the Financial Aid Office, Rm. 203 Day Hall, 256-5145. All freshmen who have been contacted are strongly encouraged to apply. Those who have already applied for the program and received a printout should make an appointment to see Mrs. Haxby.

**March 21, 26, 27, 28** — Report for All-campus lottery room selection on only one date. Check schedule, which will be posted in 223 Day Hall or 103 Barnes Hall or 3rd floor lounge Noyes Center, on March 15, designating day on which you should report. Bring prospective roommate. \$60 security deposit due and payable. Room contracts must be signed at the time of selection.

## Energy Research Topic of Talk

Paul F. Donovan, director of the Office of Energy Research and Development Policy at the National Science Foundation (NSF) will discuss research and development strategies for increasing energy supplies, controlling energy demand, and reducing unwanted effects of energy use in a public lecture at 4:30 p.m. Thursday, March 14, 101 Phillips Hall.

Donovan feels that the only way to increase the supply of clean and efficiently utilized energy is through new sources developed by massive research and development programs. He is the sixth speaker in a series of lectures concerning "Energy Policy: Issues and Options,"



Paul Donovan

## Thorp Series Minister to Lecture

Carlyle Marney, executive director of Interpreters' House in Lake Junaluska, N.C., will deliver the 1974 Thorp Lectures on the theme, "The Broken Shell of Christendom: A Hope?" at Cornell.

Marney will give four lectures as Thorp Lecturer at 8 p.m. in the One World Room of Anabel Taylor Hall: "The Christian Genius," Sunday, March 17; "The Nerve to Submit," Monday, March 18; "The Recovery of Form and Shape," Sunday, March 24, and "The Consequent Revolution," Monday, March 25.

Also, Marney will be Sage Chapel Convocation speaker for the next three Sundays, March 17, 24 and 31. His theme as Sage Chapel speaker will be "Three Words from Leonard Bernstein's Mass."

The Thorp Lectureship was established in 1945 in memory of Charles Monroe Thorp and Jessie Boulton Thorp. The purpose of the lectureship is to bring to the campus outstanding leaders in religious thought and life to serve and strengthen, through lecture, seminar, conference and informal discussion, the religious life of the University, according to John Lee Smith, executive director of the Center for Religion, Ethics and Social Policy at Anabel Taylor Hall.



Marney

Interpreters' House, which Marney founded in 1967, is a retreat and study center for ministers and laymen concerned with the recovery of faith, the renewal of hope and the discovery of meaning, according to Marney. The institution exists to help people rediscover both personal and collective resources too often ignored and forgotten, he said.

Author of many books on theology and religion, Marney's most recent work is titled "The Coming Faith."

## Bishop Zulu, Opponent Of Apartheid, to Speak

The Rev. Alphaeus Hamilton Zulu, black African Bishop of the Anglican Church of South Africa and a member of the Zulu Royal House, will be the 1974 Richard B. Stott Lecturer at Cornell Saturday and Sunday.

Zulu will present a lecture and lead an informal discussion at 2:30 p.m. Saturday at the Africana Studies and Research Center. He will also lead a worship service at 9:30 a.m. Sunday at the Anabel Taylor Hall Chapel, to be followed by a

discussion at the Commons, also in Anabel Taylor.

The Stott Fund, which sponsors a speaker at Cornell each year, was established in memory of Richard Stott, chaplain at Cornell from 1948 to 1968.

Zulu, one of six presidents of the World Council of Churches, is a founder of the All-African Conference of Churches and was elected to its general committee at the constituting assembly in 1963. Also in 1963, the Archbishop of Canterbury named him an Anglican delegate-observer to the Vatican Council.

An avid opponent of the rigid apartheid laws of South Africa, Zulu has often been refused passports to attend World Council of Churches and Anglican Communion meetings abroad. The apartheid laws prohibit him from occupying the episcopal residence in Eshowe, South Africa, a city exclusively for whites.

Zulu received his early education in the church schools of South Africa. He earned his bachelor of arts degree at Fort Hare University College in Cape Province, South Africa, winning honors in social anthropology.

sponsored by the College of Engineering and the Program on Science, Technology and Society.

Before joining NSF in 1967, he served on the technical staff of the Bell Telephone Laboratories at Murray Hill, N.J. He also served as a consultant at the Lawrence Radiation Laboratory, and is at present a research collaborator and guest scientist at the Brookhaven National Laboratory.

Donovan has held a variety of program directorships at NSF, including nuclear physics, elementary particle physics facilities, intermediate energy physics and the physics section.

## Fogel, Kramnick to Be '74-5 Faculty Fellows

Ephim G. Fogel, professor of English, and Isaac Kramnick, associate professor of government, have been awarded faculty fellowships for 1974-75 at Cornell's Society for the Humanities.

The selections were made by the society's executive committee, on the recommendation of a panel of external advisors.

Fogel, whose speciality is Elizabethan literature, joined the Cornell faculty in 1949, was promoted to assistant professor in 1955, associate professor in 1961 and to professor in 1966; he chaired the Department of English from 1966 to 1970.

He has had his poetry as well as his translations of Russian poets published in several journals. As a fellow of The Society for the Humanities he plans to prepare a bilingual, annotated book of verse translations of one of Russia's great poets, Osip Mandelstam.

He will offer a Society seminar on "Modernism in American and Russian Poetry."

Born in Odessa, Russia, Fogel earned a bachelor's degree at City College of New York and a master's degree from New York University. He earned his doctorate at Ohio State University in 1958.

Kramnick, who joined the Cornell faculty in 1972, earned his bachelor's degree from Harvard College in 1959. He spent a year at Cambridge University and returned to Harvard to complete his doctorate in 1965. He has taught in the Political Science Department at Harvard, Brandeis and Yale.

His field of specialization is English political thought in the 18th century. He is the winner of numerous awards, is the author of many articles and of studies on Lord Bolingbroke.

As a fellow of the society, he proposed to investigate the relation of English radical thought to the ideological and

During the past two weeks, ten persons accepted summary decisions offered by the judicial administrator.

A part-time employe admitted having attempted to defraud the Campus Store by hiding three books that were in a daily price-reduction sale, so that he could purchase them for less at a later date. He accepted a written reprimand and an order to make restitution in the amount of \$3.

A student admitted endangering others by setting off a firecracker inside a dormitory. He accepted a written reprimand and a fine of \$25 or 10 hours of community service, on the condition that the possessor of the firecrackers see the judicial administrator within two weeks.

material aspects of the early industrial revolution (1760-1800). His seminar will involve a study of such English radicals of that period as Thomas Day, Mary Wollstonecraft and Joseph Priestley.

A student admitted being in possession of two stolen books. He accepted a written reprimand and a \$100 fine or 40 hours of community service.

A student admitted the theft of a book from the Campus Store. He accepted a written reprimand and a fine of \$75 or 30 hours of community service.

Two students admitted having failed to redeem bad checks that had been cashed at the University Unions. Each of them accepted a written reprimand and a fine of \$10.

A student admitted being in possession of a pellet gun, which is a dangerous instrument as defined in Article I, Section 2.c of the Rules for the Maintenance of Public Order. He accepted a written reprimand and a fine of \$50 or 20 hours of community service. The penalty had been

reduced because of financial hardship.

A student admitted having failed to redeem a bad check that had been cashed at the University Unions. He accepted a written reprimand and a fine of \$10, plus an order to redeem the check within three weeks.

A student admitted having falsified signatures on a petition to drop a course. She accepted a written reprimand. The complainant believed that in this case the falsification was less serious than it might have appeared.

A student admitted having taken two pastries at Noyes Lodge Dining without paying for them. She accepted a written reprimand and a fine of \$50 or 20 hours of community service. The penalty was reduced because of financial hardship.

## Students to Represent Univ. In D. C. Moot Court Contest

Robert F. Brodegaard and Sarah H. Hines, second-year students at Cornell Law School, will represent Cornell in the 24th annual Sutherland moot court competition next month in Washington, D.C., after winning a series of moot court arguments here last week.

The hypothetical case for this year's Sutherland competition involves the constitutionality of a federal law requiring that "only families" live in federally funded low-income housing projects, which resulted in the threatened eviction of two Spanish-speaking male homosexuals. For the Washington competition, the Cornell team has been designated to represent the housing project, but may have to defend both sides before the competition is completed.

The judges for the Cornell arguments were U.S. District Court Judge Joseph Tauro; Peter Martin, Cornell law professor, and New York attorney Robert Lang.

The Sutherland Cup is an invitational event sponsored by Catholic University and limited to second-year law students. The competitors this year, as they have been for more than a decade, will be Catholic, Cornell, Fordham and Yale law schools.

## Four Professors Receive NEH Senior Fellowships

Four members of the Cornell faculty have received senior fellowships for the 1974-75 academic year from the National Endowment for the Humanities (NEH).

They are George Gibian, professor of Russian literature; A. Thomas Kirsch, associate professor of anthropology and chairman of the department; Lauriston Sharp, the Goldwin Smith Professor of Anthropology and Asian Studies, Emeritus, and David K. Wyatt, associate professor of history.

Gibian will conduct studies which will include a "comparative study of developments in Soviet Russia

and Czechoslovakia with an emphasis on the roles played by writers as advocates of human freedom and integrity, as defenders of art, and their influence on social developments."

Kirsch will work on a study of the development of anthropological thought from the early 19th century to the present.

Sharp will conduct research on ritual, myth and symbol among the aborigines of Australia.

Wyatt will be working on a history of Thailand.

The fellowships were among 102 awarded this year by the NEH, totaling some \$1,700,000.

## Food Production to Be Viewed

How the energy crisis is threatening world food production will be David Pimentel's topic in the next Biology and Society lecture, scheduled for 8 p.m. Monday, in Alice Statler Auditorium.

Pimentel said that the main thrust of his talk will be a look at the energy requirements of world agriculture and how they relate to human population growth and available land and energy resources. He will also discuss the changes that have taken place in the use of energy in food production with the development of modern intensive agriculture. The lecture is open to the public and will be broadcast over WHCU-FM the following Monday (March 25) at 8 p.m.

## Through a Door Darkly



## Affirmative Action Aide Named

Thomas A. Simmons has been appointed affirmative action assistant in the Office of Affirmative Action at Cornell University.

A former part-time employe in the office, Simmons's responsibilities will include development of a data base requisite to the projection of affirmative action goals, and development of a system to monitor Cornell hiring practices and recruitment of minority and female employes, according to Ramon E. Rivera, affirmative action officer at Cornell.

Simmons is a native of Pulaski, Tenn. and holds a bachelor of arts degree from the University of Washington, Seattle. He is also currently

completing a master's thesis in Africana Studies at Cornell's Africana Studies and Research Center.

Simmons has worked as a counselor with the Model Cities Program, as a case worker for the State of Washington and as a liaison worker with the Job Corps.

Federal affirmative action legislation, in general terms, requires institutions holding federal contracts in excess of \$10,000 to create equal employment opportunity for all persons, with particular emphasis on insuring employment of minority persons and females throughout the institution's job structure, Rivera said.

# Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty Robert M. Cotts, 315 Day Hall, 256-4843)

## Report of the Meeting of the Faculty Council of Representatives March 13, 1974

In its regular March meeting the FCR discussed three matters of concern and took conclusive action on one of them. The scheduled discussion on the physical education requirement was postponed due to lack of time to a special meeting of the FCR called for March 27.

1. The first item discussed came up in the report of Dean of the Faculty Norman Penney. In reviewing recent events in his office, Dean Penney called attention to a recent request from the Chancellor of the State University of New York that the University Libraries participate in a state-wide program which would make collections of the Cornell libraries available to any other SUNY campus and vice versa. He reported that a preliminary response had been sent to the Chancellor. The Cornell response expresses a willingness to participate in the program but expresses some reservations about the demands which

it might make on the library staff. It was reported that the program could be started on an experimental basis to study its impact on the University Libraries and its users.

Some members expressed concern that the proposed cooperative program would deplete the collection to the point where faculty research and normal functioning of courses would be impeded. Prof. L.P. Williams, Arts and Sciences, also complained of the procedure followed so far, in that the Faculty had not been consulted before the initial response to SUNY was made. Acting Director of the Libraries, G.F. Shepherd, responded that the endowed libraries were being cautious about the agreement and that other cooperative programs already in operation were functioning to the satisfaction of all parties. No resolutions or other floor actions were directed toward this matter.

2. The first agenda item discussed

was the question of approval of the report of the special Committee to Evaluate the Center for Improvement of Undergraduate Education (CIUE) published Feb. 7, 1974, in the Chronicle. The substance of the report was not really debated because of an early motion from Prof. Williams to recommit the report to the special committee. In moving to recommit, Prof. Williams asked for an accounting of the budget of CIUE.

During the limited debate on the Williams motion, Prof. W.T. Keeton, Biological Sciences, and member of the special committee, reported that the committee had not made a detailed study of the CIUE budget. He also noted that on the average those faculty who had used the services of CIUE had responded positively. The motion to recommit passed by a close voice vote.

3. The second agenda item to amend enabling legislation for the Committee of Academic Freedom and Responsibility passed as proposed by the Committee. The purpose of the amendment is to clarify the reporting of concluding judgments. It states, in part, "The Committee report itself shall remain confidential in all cases except

where, in the joint judgment of the Committee and the Executive Committee, its public release, in whole or in part, serves the public interest or clears an individual of charges seriously damaging to his reputation, when they have been widely circulated to his detriment." An amendment to this sentence was proposed by Prof. W. Galenson, Arts and Sciences. The amendment would have allowed the complainant to authorize release of the report if he deemed it essential to clearing charges damaging to his reputation. The opponents of this amendment argued that there wasn't always one party clearly the complainant. Prof. E.E. Ewing, Agriculture, chairman of the Committee, argued that if the committees could be trusted to process a case, they should be trusted to be fair in determining public release of the findings. The Galenson amendment failed by voice vote while the main motion passed by the same mechanism.

There being too little time to discuss physical education, Dean Penney called for a special FCR meeting at 4:30 P.M., March 27, for that purpose.

## Smoking

An open letter to members of the University Faculty from the Dean of the University Faculty, Norman Penney:

Our colleague, Associate Professor Ronald Anderson, Plant Breeding and Biometry, is the chairman of the Senate's Committee on Public and Community Affairs. That Committee has responsibility for fire safety and environmental health, under the general heading of "Campus Life" for which the Senate has responsibility. Since the classroom is mainly the

province of the Faculty he has brought to my attention the severe discomfort which some students have experienced when smoking is permitted during class sessions. These are students who suffer from some chronic illness, such as asthma. May I simply alert you to this problem and urge your cooperation in any way you can to respond to a legitimate request by a student when he or she asks that you request "no smoking."

# Trustee Exec. Committee Summary Agenda

Continued from Page 1

8. The President will recommend that the University administration be authorized to enter into agreements for the use of BankAmericard and Master Charge for the convenience of customers at the new Medical College Bookstore which will open soon.

9. The President will recommend, subject to Buildings and Properties Committee approval, that the University administration be authorized to initiate the first phase of a project to rehabilitate the Sage College dormitory. Specifically, the first phase would entail roof

## Alger

Continued from Page 3

1966 she was elected trustee emeritus, and, in October 1966, a Presidential Councillor.

Before becoming a University trustee she was president of the Federation of Cornell Women's Clubs and director of the Cornell Alumni Association. As a student she was the first woman to serve as editor-in-chief of the Cornell Law Quarterly.

A women's dormitory at Cornell, completed in 1961, is named Mary H. Donlon Hall in her honor.

replacement and associated repairs to the west wing and construction of fire barriers to enclose interior stairs. The President will further recommend that this phase be funded by an advance from Current Fund balances, repayable at interest within five years either from Housing Department income or from possible long-term financing.

10. The President will recommend, subject to approval by the Buildings and Properties Committee, that an easement be granted to an appropriate public agency to construct a temporary water pumping station on University land in the Jessup and Triphammer Road area and to connect the station to existing mains. The President will report that this project, which is part of the long-range Bolton Point regional water supply plan, will require relocation of the present bus stop at Jessup and Triphammer.

11. The Executive Committee

## Mann Has New Sunday Hours

The first floor of Mann Library will be opened to students two hours earlier on Sundays, starting March 17. The first floor and reserve desk will be open for use at 11 a.m. instead of 1 p.m. as was the previous schedule.

The Sunday closing time of 11 p.m. remains unchanged. There is space for several hundred students to study on the first floor of the library.

will hear the report of the Buildings and Properties Committee from its chairman, Trustee Bruce Widger.

12. Trustee Constance E. Cook, chairman of the Trustee Ad Hoc Committee on the Status of Women, will present the final report and recommendations of the committee to the Trustees.

13. The President will recommend that the State College of Agriculture and Life Sciences and the State College of Veterinary Medicine be authorized to establish a joint research, teaching and extension program in aquaculture and that the necessary gifts, grants and contracts be sought to provide for the necessary capital facilities and for the program's annual operating costs.

14. The President will recommend the merger of the Department of Seed Investigation and the Department of Vegetable Crops at the New York State Agricultural Experiment Station

(Geneva) into a single unit to be known as the Department of Seed and Vegetable Sciences.

15. The President will recommend approval of a series of personnel actions.

16. The President will report on the functions of various college advisory councils and will recommend their continuation as provided for in the University Bylaws.

17. The President will report on the academic calendar established by the University Senate for 1975-76.

18. The Trustees will hear a report of construction grants awarded during the period Jan. 17 to Feb. 14, 1974.

19. The proceedings of the meeting of the Joint Administrative Board of the New York Hospital-Cornell Medical Center held Jan. 10, 1974 will be presented for information.

20. The Secretary of the Corporation, Neal R. Stamp, will report on recent elections to the Board of Trustees.

21. The President will report to the Trustees on the state of the University.

22. The Trustees will hear from Walter R. Lynn, director of the Center for Environmental Quality Management (CEQM), and from Jack E. Oliver, the Irving Porter

Church Professor of Engineering and chairman of the Department of Geological Sciences. Lynn will review the history of CEQM, discuss its mission and activities and talk of plans for the future. Oliver will review the reorganization of his department, its current program, its future expectations, and its relationship to the field of geology as a whole.

23. The full Board of Trustees will hear reports and recommendations from the Executive Committee.

24. Trustee Hays Clark, Cornell Fund chairman, will report on progress of the Fund and Trustee Austin Kiplinger will report on Tower Club activities. Vice President for Public Affairs Richard M. Ramin will report on the status of total gifts to the University.

25. The President will report that a plaque will be installed in Sage Chapel in memory of Morris G. Bishop. The plaque will commemorate Professor Bishop's long Cornell career as student, teacher and University historian.

26. The President will make recommendations concerning the establishment of a new inter-college school relating to nutrition.

# 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: Thurs., March 14, 7:30 p.m., Kaufmann Aud.**

## Current Legislative Log

(Complete texts of all University Senate bills are available in the Senators' Study, 124 Day Hall.)

BILL NO. & DATE SUB.	TITLE AND ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
D-171-a 3/5/74	POLICIES AND PROCEDURES FOR AGENCY FOR EDUCATIONAL INNOVATION [An act to establish policies and procedures for the Agency for Educational Innovation.]	Subcommittee on Ed. Innovation	Subcommittee on Educational Innovation
D-172 2/26/74	"WHAT'S THE DEPARTMENT OF CHEMISTRY BEEN DUMPING IN FALL CREEK?" ACT [An act calling for the publishing of a report on the amounts of chemicals discharged by the Dept. of Chemistry into waters of the Ithaca region during each year since 1960 and for the undertaking by the Dept. of Chemistry of a study of the effects of its chemical discharge on the ecology of Cayuga Lake.]	F.C. Schlauch, R.P. Steenblik	Campus Planning
D-173 2/26/74	UNLIMITED S-U BASIS QUESTION [A Sense-of-the-Body Resolution question: "Should all Cornell University students be allowed to take as many courses as they wish on an S-U option basis?"]	F.C. Schlauch, R.P. Steenblik	Executive Comm.
D-174 2/26/74	SAVE THE LONG ISLAND PINE BARRENS INVESTMENT ACT [An act that would prevent Cornell University from having any investments that might result in damage to the fauna and flora of the Long Island Pine Barrens.]	F.C. Schlauch, R.P. Steenblik	Investment Advisory Comm.

### Proposed Agenda

March 14, 1974  
Kaufmann Auditorium  
7:30 p.m.

1. Announcements.
2. Approval of Agenda.
3. Acceptance of Credentials Committee Report and Confirmation of the Fifth Senate Election.
4. Executive Committee Recommendations on Duties of the Officers and the Executive Committee.
5. Election of the Speaker.
  - a. Nominations.
  - b. Speeches\*
  - c. Question-and-Answer Period (10 minutes).
  - d. Balloting\*\*
6. Election of the Secretary.
  - a. Nominations.
  - b. Speeches\*
  - c. Question-and-Answer Period (5 minutes).
  - d. Balloting\*\*
7. Election of Committees by Caucuses.
  - a. Description of committee responsibilities (3 minutes each).
    1. Executive Committee.
    2. Committee on Committees.
    3. Campus Life Committee.
    4. Committee on Academics.

5. Planning Review Committee.
  - b. Caucuses by constituency.
    1. Undergraduates.
    2. Graduates.
    3. Employees.
    4. Tenured Faculty.
    5. Non-Tenured Faculty.
    6. Non-Voting Senators.
  8. Confirmation of Elections in Caucuses.
  9. Election of At-Large Executive Committee Members.
    - a. Nominations.
    - b. Speeches\*
    - c. Question-and-Answer Period (5 minutes).
    - d. Balloting\*\*
  10. Approval of schedule of Spring, 1974 meetings.
  11. Adjournment.

\*Special Rule: There shall be one nominating and two seconding speeches for each candidate, with 2 minutes allotted per speech. The candidate's speech shall follow the seconding speeches, if any. Candidates for Speaker will be permitted to speak for 5 minutes; other candidates will be permitted 3 minutes.

\*\*Balloting will be consecutive, with the candidate receiving the smallest number of votes eliminated after each

*Continued on Page 11*

# Report of Study Group on Phys. Ed. and Athletics

Cornell Chronicle is printing excerpts of the Final Report of the University Senate's Policy Study Group II on Physical Education and Athletics. Following is the first part of the report, which was issued last month (Chronicle, Feb. 28). Next week, a general overview of physical education and athletics at Cornell, issues considered by the committee's recommendations will be printed.

The members of the committee were Robert Harrison, William Jones, Samuel R. Pierce, Wilson Pond, Wade Schuette, Julia Visor, and D. Hywel White, Chairman.

### INTRODUCTION

As is the case for many university programs, athletics means many different things to the diverse range of interest groups represented in this community. Similarly the degree of interest varies — from very intense support, to neutrality, to intense opposition.

Athletics is perhaps unique in that the extent and breadth of participation, which cuts across all segments of the institution and the community, provides an extremely wide range of options to both the performer and spectator. Furthermore, these opportunities are available in an environment which readily acknowledged that the fundamental mission of the institution is academic scholarship.

It is within this context that the members of Policy Study Group II have undertaken the assignment of broadly assessing community views by asking the question of individuals and groups: From your perspective, how should the program look in five years and what steps should be taken to get there?

Others have looked into various sectors of the program, but it is believed that nothing comparable has been done in recent years to attempt to gain an overall perspective from a community viewpoint. Although the time allotted has been far too

limited, the experience gained has been invaluable to the Group. The product is designed to promote a constructive dialogue and to provide needed background information collected in one place for the first time.

Since the establishment of the Cornell University Senate in 1970, the Department of Physical Education and Athletics has been operating under the direction of the Senate through the Committee on Campus Life and its Subcommittee on Physical Education and athletics. This direction has been under the accepted constraint of the Ivy Group agreements and under the overall budgetary constraints imposed by the administration. Additionally, the operations has had the guidelines that some of the facilities of Physical Education and Athletics are operated as enterprise units (i.e., they should break even on a financial sense.) These statements are somewhat technical and all that really needs to be said is that a rather remarkable situation exists. The community, through its elected representatives, exerts a powerful force on the Physical Education and Athletic Programs of the university.

It is not surprising that the administrative officers of Physical Education and Athletics have chafed under this control. Neither is it surprising that the Senate, in moving to accept this responsibility, has occasionally acted without fully realizing some of the consequences of its actions. It was felt that the time had come for the Senate to establish stable long-term goals for the Departments of Physical Education and Athletics, and to do this it was felt also that there is a need to understand in greater depth the complexities of the athletic program at Cornell.

For these reasons the Policy Study Group II has been formed at the request of the Campus Life Committee in a memorandum to the Senate Executive Committee dated October 8, 1973. This

memorandum outlines the charge to the Group and its composition. The Executive Committee presented this to the Senate in the form of a Memorandum and it was passed in the meeting of October 23, 1973.

### Benefits to Participants and the Community:

We have tried to consider the balance of benefits that the community receives as a result of a flourishing program in Physical Education and Athletics. We can separate PE from athletics easily in this respect. In the case of physical education the benefits can only be for the participant, namely the student. Especially, it is true that in judging the course offerings of the department to students the major concern should be the interest of the students that are participating. Although there is some defense for the position that the department should encourage courses which it believes the student will benefit from after the course is over, nevertheless the primary criterion in our view should be demand for the course. In this we appreciate the need of any administrative unit not to be overly prone to capricious pressure, but in the long haul the student demand is crucial.

In this respect we believe that the changing attitude of women toward physical education is the most important single challenge the physical education department has to face at this time. We discuss this in detail in our section entitled "Issues" and it figures largely in our recommendations.

The Athletic program is more complicated, involving the community at large, and traditionally the alumni also. There has been a great deal of speculation on the attitude of the alumni towards athletics, and on the tangible contributions that result from the positive attitude by this segment of the community. This is certainly hard to quantify, although we remark here that it has been traditional for the alumni to fund

all capital expenditure in athletic facilities. That a winning, highly visible team helps in fostering this generosity is clear, although the alumni have refrained from exerting undue pressure on the University, their regard for the athletic program should be taken in account.

### A BRIEF HISTORY OF SPORTS AT CORNELL

#### Physical Education

Few issues have been more controversial for a longer period of time at Cornell than the issue of sports in its various categories. Physical education, which has been offered in some form since 1883 and required since 1892, has escaped much of this controversy until recently.

Historically, physical culture classes were first offered to students and faculty in 1883. These classes remained voluntary until 1892 except for students whose mandatory annual physical examination indicated a need for special exercises. Since 1892 physical education in some form has been required. In this year freshman and sophomore women were required to participate in physical training courses and men were required to take Military Drill. From 1893-97 the physical training program applied only to freshman women and from 1898 to 1904 to freshman or sophomore women.

In 1905 men were allowed to substitute physical training for a second year of military drill. Women were required to take four terms of physical training. This policy was retained until 1943-45 when, as a wartime measure, all undergraduates were required to take physical training. In 1945 the faculty passed, without discussion, a motion to require three hours of physical training per week for all freshmen and sophomores (4 terms). In 1949, the State of New York began paying an accessory instruction fee to Cornell based on the number of students

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# The Senate Page

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from the statutory college involved in physical education classes. In 1968 the requirement was changed from three hours to two hours per week. The Hotel School has paid accessory instruction fees since 1965.

Most past Presidents of Cornell have warmly favored the requirement of physical education, and it was generally taken for granted by students until 1970. In April of that year, the Board of Trustees delegated to the Senate policy-making control over the Department of Physical Education and Athletics, "excluding degree requirements." Bills were introduced into the First and Second Senates recommending to the Faculty the abolition of the degree requirement. They were referred to the Physical Education Subcommittee and never came to the floor. Also in the spring of 1970, a petition requesting abolition of the requirement with approximately 1,000 signatures was presented to Robert Miller, Dean of the Faculty.

The Physical Education Subcommittee gave two basic reasons for defeating the first physical education bill:

a. The requirement was viewed as an academic matter, not within the legislative powers of the Senate.

b. The abolition of physical education would eliminate the accessory instruction fee and could undermine the athletics program in general.

In the Second Senate, the issue of the P.E. requirement was again raised and again never got out of committee. The Campus Life Committee, however, recommended preserving the requirement, but concluded that "...a decision to change the requirement in the future should not rest entirely on the financial aspects it must of necessity be fully understood, particularly the effect the decision will have on other aspects of University operation."

In the third University Senate, bills recommending the abolition of the requirement were referred to the Committee on Educational Innovation and to the Subcommittee on Physical Education and Athletics. The Physical Education Subcommittee did not complete their study until early 1973, too late for action by the Third Senate. At the final meeting of the Third Senate presentation of the bill was on the Agenda, but Quorum was lost and no action could be taken.

In the Fourth Senate, a bill to abolish the P.E. requirement was again introduced. This bill also provided for a voluntary program of P.E. with credit for designated courses. The bill passed by 2 votes.

## *Intercollegiate Athletics*

Athletics has existed in an organized way at Cornell since 1868 — the first year that students were on the campus. In that year, there was a baseball team. The following year, football, rowing, and cricket squads were formed. Each squad was organized in the form of a club, independent of other clubs and financing itself by dues, contributions and benefit entertainments. In the late 1870's the Cornell University Athletic Association was formed with the idea of coordinating the activity of various clubs. It was merely an advisory body with no real powers of control until the late 1880's when the gift of Percy Field to the Association made incorporation necessary. In 1889 a formal administration was established which

remained fundamentally the same until the late 1930's.

Between 1889 and 1900, athletics developed rapidly at Cornell. Nevertheless, administration remained simple with each club financing and operating its own affairs. The guidance from the Association became increasingly necessary to maintain policies in all sports consistent with those of other schools. Every team financed itself, although alumni provided most of the support for rowing. A percentage of ticket receipts went to the general treasury for maintenance of Percy Field and other common expenses. During this time, there were only two full time employees of the Athletic Association.

With the turn of the century and the increasing scope of athletics, it became apparent that the Athletic Association could not operate without full-time direction. The office of Graduate Manager was established, permanent offices secured downtown, and the separate financing of various sports abolished. All athletic interests and finances were handled from a central office and a common fund established. At this time, the policy was adopted that there should be no further solicitation of the alumni for athletic operating expenses, and that all contributions from alumni were to be limited to matters of the athletic plant. Also at this time, students, in a mass meeting, took upon themselves the responsibility of financing the operation of athletics.

Students raised money to support athletics through the institution of Spring Day (1901) and season tickets. Spring Day was much like a fair to reduce the church debt, and people went for the fun of it and with the idea of spending money as a contribution. Season tickets were purchased as a "patriotic" duty more than for any return. This was evidenced by the fact that the men on the teams were purchasers of season tickets in much larger proportion than the general undergraduate body. With the responsibility of support of athletic teams on the shoulders of the students, alumni directed their contributions to the establishment of an athletic plant on the hill. The period from 1901 to 1915 was marked by great athletic expansion but by increased financial troubles because of greater increases in expenses than in receipts.

As a result of the growth of the athletic plant, relations between the Athletic Association and the Administration changed. Since the plant was constructed on lands owned by the University, Cornell became responsible for the first time for the operation of sport. The enclosed fields and the Schoellkopf building were turned over to the Athletic Association by Trustee action and were operated at its expense. The playgrounds remained the responsibility of the University.

Between 1912 and 1917, athletics expanded and became highly visible because of the plant located on campus. These developments resulted in a disposition by the faculty to assume more direct control of athletics, and faculty came more and more to regulate the minutiae of athletic administration.

World War I brought athletic activity almost to a complete halt at Cornell, and after the Armistice, President Schurmann urged reform of the athletic program. He even suggested serious consideration as to whether intercollegiate sports should be revived at all and whether they properly formed any part of the activities and

responsibilities of a "dignified institution of higher learning." Although the students no longer supported the program financially, this suggestion resulted in considerable emotion among the alumni and among the students. As a result of this, a committee composed of 5 trustees, 5 professors and 5 graduates met in February of 1919 to consider the basis on which athletics should be revived after the war, if at all. The committee advocated revival of sport, but on a new basis with a closer relation among intercollegiate sports, medical jurisdiction, physical education and intermaural athletics. All steps by the Athletic Association in the direction of co-relation were defeated, however, and many still felt strongly that athletics should never have been revived.

The revival of athletics met with great enthusiasm by both students and other spectators, and a period of unprecedented expansion and prosperity followed. Facilities were expanded to meet increasing needs to accommodate the large crowds that attended athletic contests. "The goose hung high, and the Athletic Association did not whimper as more and more things furnished it by the University, gratuitously, were charged for and as it assumed a larger and larger share of salaries paid jointly by the University and the Association. Every year saw larger revenues and greater financial demands ..." which the association could and gladly did meet.

The prosperity of the athletic program reached its peak in 1930. As sports receipts climbed, the student attitude toward the programs changed from one of athletics as an institution which needed support to one of athletics as an organization which provided public entertainment. When the effects of the depression sliced the football receipts in half, the Association made immediate efforts to reduce expenses, but these could not be cut as radically and quickly as the revenues. To prevent a financial deficit, support of team activities was abandoned in 1933. There was no surplus in the Athletic Association's coffers because all profits from the previous years had been invested in the expansion of the athletic plant which had become University property. In 1935, it became apparent that the solvency of the Association was in jeopardy and it reported to the University the opinion that as a business proposition it should suspend operations and liquidate its assets while it was still solvent. It offered two propositions to the University: a. The association could turn over all its assets, equipment and responsibilities to the University or b. It could continue to operate in any way the Trustees saw fit, provided that the University underwrite its reduced budget. Although Cornell undergraduates had failed to support the teams, they were angered by the decline of athletics, and a monster petition was submitted to the Trustees in 1934, demanding the reform of the athletic program.

The Trustees, on January 26, 1935 agreed to subsidize the program on a limited basis for the remainder of the fiscal year. At this time they also created a committee to report on permanent reorganization and financing. They authorized the appointment of a Director of Physical Education and Athletics as a University official with a seat on the University faculty. It was the job of this person to administer intercollegiate sports, intramurals, and physical education for men and women. A five member Athletic Policy Board consisting of faculty, Trustees, and alumni was appointed as well as a special committee for the various sports. A recreation fee of

four dollars was levied on each student. By this reorganization, students lost, without protest, their theoretical control of their own sports and alumni gained a larger voice in athletic policy. The university assumed the debts and assets of the Athletic Association and the Athletic Policy Board appointed James Lynah as the first Director of Physical Education and Athletics.

In five years as Director of Physical Education and Athletics, Lynah managed to retire debts of \$246,000 and had rebuilt the physical plant. In 1940 when Lynah left to enter war service, he was succeeded by Robert Kane. During the war most teams continued and Kane managed to keep the athletic program in the black, ending the 1944-45 operations with \$40,000 surplus.

After the war, the Department of Physical Education and Athletics resumed a full schedule of sports, and with rising costs, financial troubles followed closely. In 1949, the department reported a deficit of \$11,300. Other colleges were reportedly encountering similar problems and it became obvious that costs for tickets and fees would have to be raised or the University would have to meet the deficits. The President of the eight "Ivy League" schools made an agreement to reduce athletic excesses, inevitably entailing a reduction in gate receipts. Committees on eligibility and admissions made recruiting difficult and cast suspicion on athletic scholarships. In 1948 a "Sanity Code" published by the NCAA enforced the principles of amateurism in college sports. Post season and sectional tournaments among the "Ivy" schools were forbidden and an air of gloom hung over the stadia and Bowls.

Cornell's athletic history in the 1950's was marked by three things: the procurement of proper facilities, in the formalization of the Ivy League and in its deficits. In these years, Cornell had the largest athletic program in the country with twenty-one intercollegiate teams and eighteen freshman sports.

Probably the most significant occurrence of the fifties was the formal establishment of the Ivy League which solidified many policies which had been traditional but unofficial. The first intercollegiate competition in which Cornell participated was in 1874 in baseball and rowing. The next fall, President Andrew D. White rejected an offer from the University of Michigan for the football team to come to Cleveland for a game, declaring, "I refuse to allow forty men to go four hundred miles merely to agitate a bag of wind." Since that time, Cornell has officially held the position that sports are secondary to the academic function of the University and to the tenet of amateurism in college athletics. In 1937, the "Three Presidents Agreement" by the Presidents of Harvard, Yale, and Princeton set down sensible rules for athletic eligibility, and Cornell was guided by these policies. During the thirties, James Lynah attempted to form a "real Ivy League." There was strong student support from seven of today's eight Ivy League schools and they joined to call for formulation of a league to "reassert the amateur principle, to abjure the current athletic sordidness and cynicism, to save, in short, athletic idealism." The time, however, was not right for such a move and not until November of 1954 did the eight schools known as the Ivy Group formalize policy relating to athletics. These policies, which are discussed in greater detail elsewhere in this report, are the policies which guide Cornell's athletic programs today and which have helped the University keep sports in a proper perspective.

*Barton Blotter*

# Thieves Shine to Green Items

Thefts of a big, round green rug and a green attache case gave indications on this week's morning reports from the Safety Division that St. Patrick's Day might be coming.

The items are among 13 thefts, one case of harassment, one of lewdness and two of criminal mischief.

The green rug, about 12 feet in diameter, was stolen along with three bentwood chairs from the second floor lounge of Clara Dickson Hall. The attache case was taken from the Malott Hall library and contained \$45 in cash and unindorsed checks.

Other thefts are: a wallet from a book bag left unattended in Room 207 of Martha Van Rensselaer Hall; a purse left unattended on a chair in the dining area of Noyes Pancake House; a wallet from a purse left unattended in the fourth floor

stack area of Mann Library; a wrist watch from an unsecured locker in Teagle Hall; a purse from an unsecured room in University Halls 4, a wallet from a purse in an unoccupied office at Hollister Hall.

Also, a brown ski jacket and gloves from the Pub at Noyes Student Center; a wallet from a knapsack left unattended at Noyes Student Center; a brown leather coat from the second floor lounge of Sperry Hall, and a large, framed photograph of Uris Library, taken from the second floor hallway of Phi Gamma Delta.

One other theft reported resulted in the apprehension of two students when a Safety Division officer spotted a car with a large quantity of ivy and shrubs protruding from its trunk. The plants had been taken from the Cornell Plantations Tree Garden in back of Warren Hall.

One incident of criminal

mischief occurred outside North Campus Dorm 1, when a student reported that a water-filled balloon hit his car as he was driving by, and peeled off a piece of paint. The other was in Hughes Hall, where someone dropped a wastepaper basket down a stairwell and broke a hand railing.

The harassment was reported by a student in Balch Hall who said she had received four obscene telephone calls in a four-day period.

The lewdness complaint reads as follows:

"A female graduate student reported an unknown white male indecently exposed himself on the south side of Helen Newman Hall at approximately 1245 hours this date (March 12). Subject described as W/M, 19-22 yrs., 5'9", 165 lbs, straight blond hair, wearing aviator type sun glasses."

## Comment

*Continued from Page 4*

When today's Liberals ultimately become the Establishment, they may finally locate their undetected "afflicted" in a Teapot Dome or Watergate of their time.

In the meantime, this member of the Establishment wants to join others in wishing Mr. Zanetta the best of luck with his dream of an honesty society before one of the undetected of his group becomes a vice-president or "something."

*Kenneth E. Gilbert  
Administrative Assistant*

## Marshall Heads School

Robert S. Marshall, assistant director of academic affairs of Cornell's Division of Biological Sciences, has been appointed president of Rosary Hill College, it was announced Friday.

Rosary Hill is a Roman Catholic College in Snyder, a suburb of Buffalo.

Marshall will take office July 1. He will succeed Dr. Alfred W. Zielonka, who has been serving as acting president since July,

1973 when Sister Mary Angela Canavan resigned after 20 years to become president emeritus.

Marshall, 40, a native of Buffalo, was graduated from Hope College in Michigan, received his master's degree from Michigan State and his doctorate from Cornell.

He taught at the State University Colleges at Genesee and Brockport before joining the Cornell staff in 1971.

## Calendar

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8:15 p.m. \*Drummond Studio Series: "Trevor" by John Bowen and "We're Due in Eastbourne In Ten Minutes" by N.S. Simpson.

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

8:30 p.m. \*Folk Song Club concert. Lou and Sally Killen, Kaufmann Auditorium.

10 p.m. Tammany Jazz Club and Ice Cream Bar — featuring live jazz entertainment with \*ice cream sundaes while you listen. Risley Hall.

### Exhibits

Franklin Gallery: Senior Group Show to Mar. 15. Junior Group Show Mar. 18-29.

History of Science Collections: Recent Acquisition (changed monthly).

Herbert F. Johnson Museum: Music and Dance in Prints: 1500 to the Present — to Mar. 24. Sottsass and

Superstudio: Mindscapes (Italian conceptual architecture featured in exhibition of drawings, lithographs and photomontages) to April 14. Hours: Tues-Sat 10 a.m.-5 p.m. Sun 11 a.m.-5 p.m., Mon closed.

Olin Library: "Bookbindings by Fleda Straight Myers." Sibley Dome Gallery: Feminist Art Studio — to Mar. 15.

Uris Library: "Cornell University Press Books." Van Rensselaer Gallery: DEA 344 Textile Print Show — to Mar. 15.

Willard Straight Art Lounge: Freida Jones work. Senior, Fine Arts School, Cornell. Reception at 5-7 p.m., Mar. 20.

### Announcements

The deadline on entries for Intramural Softball is Wed. Mar. 27 at 2 p.m. in the Intramural Office in Grumman Squash Courts Building.

The deadline on entries for Intramural Wrestling is Wed. Mar. 27 between 2:30 and 5:30 p.m. in Teagle Hall Wrestling Room. (Weighing-in will constitute entry).

## Senate

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ballot, until one candidate receives a majority.

### Senate Calendar

THURSDAY, MARCH 14

Dining Subcommittee, 4:30 p.m., G-92 Uris Hall.

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

MONDAY, MARCH 18

Executive Committee, 4:45 p.m., Senate Office.

TUESDAY, MARCH 19

Planning Review Committee, 12:00 p.m., Senate Office.

## PSG — 1 Report

*Notice From Campus Life Committee:* Copies of the report of the Policy Study Group on Dining (PSG 1) are now available in the Senate Office, 133 Day Hall for Senators and others interested.

Included in the report are discussions of philosophy and goals as well as recommendations concerned with the budget, nutrition, campus needs, facilities and personnel.

Members of the Policy Study Group on Dining were: Robert F. Morris, Graduate Student Senator; James White, Professor, Hotel School; Vance Christian, Professor, Hotel School; Helen Ingerson, Professor, Human Nutrition and Food; Clifford Mass, Student; Joel Gagnon, Dining Subcommittee; William Turner, Dining Subcommittee and Paul L. Gaurnier, Professor, Hotel School.

## Bulletin Board

### Support Services Study Launched

In a few days over half of the Cornell undergraduates will receive a questionnaire from the Research Group on Academic Support Services. This group is composed of investigators studying the nature of services at Cornell, including learning support, advising, personal and career counseling, housing, financial aid, and health services, and the way in which students deal with these issues. The group will make recommendations directly to the Provost toward improving the quality of student support at Cornell.

In addition, faculty, staff and administrative personnel from student support services are being surveyed. Currently a large number of students are being asked to respond. Students who receive this questionnaire are requested to complete and return it as soon as possible. Each response counts.

The Research Group plans to make their findings public later this spring. Anyone with questions or suggestions concerning this study is encouraged by the group to contact Ezra Heitowit, Project Director at CIUE, 120A Rand Hall, 256-7474.

### Supplementary Retirement Annuity

The new Supplementary Retirement Annuity program will be the subject of a forthcoming meeting open to any interested regular full-time or regular part-time Cornell employee.

The meeting will be held in Room 110 Ives Hall at 3:30 p.m. on March 25, 1974. Mr. Bruce Smith, Cornell's account representative from the Teachers Insurance and Annuity Association, will be there to answer questions about this new program that TIAA and CREF are offering and which Cornell University hopes to make available later this year.

### Special Charter Service to Washington

A special charter air service to Washington on Wednesdays and Thursdays is being booked out of the University Travel Office and is open to both University and non-University travelers.

The six-passenger Navajo leaves Ithaca at 7:15 a.m. and arrives at Washington's National Airport at 8:40. The return trip leaves Washington at 5:30 p.m. and arrives in Ithaca at 6:50.

The fare is \$50 one-way and \$100 for the round trip. The Travel Office number is 256-4284.

### 'Visual Massage' Planned

An all-day "Visual Massage" is planned for the Memorial Room of Willard Straight Hall Friday, March 29.

The event, sponsored by the Ithaca Video Project, is seeking works to be shown during the program including video tapes, short films, photographs, slides and graphics. Anyone with works to show should contact Ithaca Video Project at 272-1596, any day between 1 and 5 p.m., prior to March 15.

### Weather Conditions for Flying Aired

The current and upcoming weather conditions for flying are now being broadcast at 7 p.m. every Friday on "Aviation Weather," a new program on WCNY-TV (Channel 24).

Each program presents several descriptions of the weather to help pilots plan a safe flight. They include the most recent surface weather situation, ceilings and visibilities, significant radar echoes, significant low level weather forecasts, and upper level wind patterns. Also included are current weather conditions at airports around the country where the weather is marginal or bad.

National weather prognosis charts for the next two days are presented while stations give a summary of current local conditions and a local forecast.

Fifteen minutes of the show are devoted to pilot education.

The program is produced in cooperation with the Federal Aviation Administration and the National Weather Service and is made possible in part by a grant from the Aircraft Owners and Pilots Association's Air Safety Foundation.

### Heidelberg/Cornell Exchange Program

The University of Heidelberg (Germany) is again offering a scholarship to a student of Cornell University for the academic year 1974-75. The total amount of the scholarship will be DM 5,700; the student will be exempted from the social fees; tuition is free.

Applications should be addressed to the Department of German Literature, 172 Goldwin Smith, and should include a) reasons for wanting to study abroad; b) outline of student's qualifications to do so; c) Cornell transcript.

The application deadline is Friday, March 29, 1974.

The competition is open to both graduate and undergraduate students.

# Calendar

## March 14-22

### Thursday, March 14

12:20 p.m. Natural Resources III: Environmental Film Review: Pesticides — "Who Shall Reap?" (1969; 28 min.); "The Poisoned Planet" (1970; 19 min.); "Epidemiology of Pesticide Poisonings" (1969; 19 min.), 304 Fernow Hall. Repeated at 7 p.m. in Bradford Hall 101.

4:15 p.m. Society for the Humanities Lecture: "The Ascent of Mt. Ventoux and the Crisis of Allegory." Robert Durling, Prof. of Comparative Literature, University of California, Santa Cruz. Petrarch Commemoration, Kaufmann Auditorium.

4:30 p.m. Hug Ivri, G-34 Anabel Taylor Hall.

4:30 p.m. Food Science Seminar: "Food Production In Israel." Dr. Yoash Vaadia, Chief Scientist of the Ministry of Agriculture, Israel, and Head, Volcani Institute. 204 Stocking Hall, refreshments at 4:15 p.m.

6 p.m. Christian Science Organization Testimony Meeting. Founders Room, Anabel Taylor Hall.

6 p.m. "Table Francaise" — *Ici on parle francais*. Ivy Room, Willard Straight Hall.

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

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

8 p.m. North Campus Union Free Film Series: "Ah, Wilderness!" (1935) Directed by Clarence Brown with Wallace Berry, Lionel Barrymore and Eric Linden. "Little Man, What Now?" (1934) Directed by Frank Borzage with Margaret Sullivan and Douglas Montgomery. Multi-purpose Room.

8 p.m. Discussion: Eckankar, the ancient science of soul travel. Loft II, Willard Straight Hall.

8 p.m. Cornell Duplicate Bridge Club, regular weekly game. Elmhurst Room, Willard Straight Hall.

8 p.m. Women's Studies Program Lecture: "The Status of Women in Eastern Europe: The Case of Poland." Barbara Lobodzinska. Visiting professor, University of Minnesota. 105 ILR Conference Center. Open to public.

8:15 p.m. \*University Theatre Production: "A Doll's House" — by Henrik Ibsen. Willard Straight Theatre.

8:15 p.m. \*Cornell Polo — Intercollegiates. Cornell Riding Hall.

10 p.m. Lecture-demonstration: Belly Dancing. Multi-purpose Room, North Campus Union. Sponsored by the North Campus Union Board.

### Friday, March 15

9 a.m.-4 p.m. Impeachment Fair. Memorial Room, Willard Straight Hall. Sponsored by Independent Radical Students.

12:15 p.m. Cornell Women's Studies Program Sandwich Seminar: "Japanese Female Speech: The Myth and The Reality." Prof. Eleanor Jordan, Linguistics. 105 ILR Conference Center. Bring your lunch, coffee available.

4 p.m. Psychology Colloquium Series: "Perceived Environments: Assessment and Change." Dr. Edison Trickett, Yale University. 202 Uris Hall.

4:30 p.m. Film: "Black Artists in America." Africana Studies and Research Center.

5:30 p.m. Shabbat Service. Founders Room, Anabel Taylor Hall.

7 p.m. Annual International Wives' Friendship Club's Dish to Pass supper. One World Room, Anabel Taylor Hall. All international women and their husbands are invited and should bring a dish of food typical of their country. Dancing to follow the dinner. If transportation is needed call Ines Versage at 273-2349 or Elke Schofield, 257-1082.

7 & 9:30 p.m. \*Cornell Cinema Film: Sam Peckinpah's "The Getaway" with Steve McQueen and Ali McGraw. Attendance limited to Cornell Community. Ives 120.

7 & 9:30 p.m. \*Cornell Cinema Film: Charlie Chaplin in "Monsieur Verdoux." Attendance limited to Cornell Community. Uris Auditorium.

7:30 p.m. Film: "The Monkey Goes West." Anabel Taylor Auditorium. Sponsored by the Chinese Student Assoc.

8 p.m. "The Proposition Improvisational Theatre." Bailey Hall. Sponsored by University Unions Program Board.

8:15 p.m. \*Cornell Octagon Club presents "Little Mary Sunshine." Statler Auditorium.

8:15 p.m. \*Cornell Polo — Intercollegiates. Cornell Riding Hall.

8:15 p.m. Music Dept. Concert: Janet Sisman, piano; Martin Goldray, piano. Barnes Hall. Works of Mozart, Schumann, and Schubert.

8:15 p.m. \*University Theatre Production. "A Doll's House." Willard Straight Theatre.

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

8:30 p.m. \*Cornell Folk Song Club concert: Ed Trickett. Temple of Zeus, Goldwin Smith Hall.

10 p.m. Tammany Jazz Club and Ice Cream Bar — featuring live jazz entertainment with \*ice cream sundaes while you listen. Risley Hall.

### Saturday, March 16

8 a.m.-6 p.m. Southern African Liberation Workshop. Multi-

purpose Room, North Campus Union.

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

5-8 p.m. \*Steaks Limited. Statler Student Cafeteria. A class project of the School of Hotel Administration.

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

6-8 p.m. \*Steaks Royale. Statler Main Dining Room. A class project of the School of Hotel Administration.

7 & 9:30 p.m. \*Cornell Cinema Film: Sam Peckinpah's "The Getaway" with Steve McQueen and Ali McGraw. Attendance limited to Cornell Community. Ives 120.

7 & 9:30 p.m. \*Cornell Cinema Film: Charlie Chaplin in "Monsieur Verdoux." Attendance limited to Cornell Community. Uris Auditorium.

8 p.m. \*Cornell Women's Ice Hockey — Loyola. Lynah Rink.

8 p.m. Film: "Shadows of Forgotten Ancestors." Memorial Room, Willard Straight Hall. Sponsored by Ukrainian Student Hromada.

8:15 p.m. \*University Theatre Production: "A Doll's House." Willard Straight Theatre.

8:15 p.m. \*Cornell Polo — Intercollegiates. Cornell Riding Hall.

8:15 p.m. \*Cornell Octagon Club presents "Little Mary Sunshine." Statler Auditorium.

9:30 p.m. Risley Free Film Series: "A Star Is Born" (1954) Directed by George Cukor. With Judy Garland and James Mason.

10 p.m. Tammany Jazz Club and Ice Cream Bar — featuring live jazz entertainment with \*ice cream sundaes while you listen. Risley Hall.

### Sunday, March 17

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

9:30 a.m. Episcopal Church at Cornell. Anabel Taylor Hall Chapel. All are welcome.

10:30 a.m. Ruhani Satsang — Sat-Guru Kirpal Singh's Divine Science of the soul. Loft II, Willard Straight Hall.

11 a.m. Sage Chapel Convocation. The Rev. Carlyle Marney, Director of The Interpreters' House, Lake Junaluska, North Carolina; preacher, author, lecturer.

11 a.m. Brunch: "The Idea of the University" — Paul Olum. Big Red Barn. Sponsored by the Hillel Foundation.

3 p.m. Free Black Film Series. Ives 110. Sponsored by the University Unions Program Board.

6-8 p.m. \*Statler Smorgasbord. Statler Main Dining Room. A class project of the School of Hotel Administration.

7:15 p.m. Table Tennis — Round Robin and Singles. Barton Hall. Sponsored by the Cornell Table Tennis Club.

2:15 p.m. "Little Mary Sunshine" — Matinee. Statler Auditorium.

8 p.m. \*Cornell Cinema Film: A double feature: "Greaser's Palace" at 8 p.m. and "Putney Swope" at 9:30 p.m. Both directed by Robert Downey. Statler Auditorium. Attendance limited to Cornell Community.

8 p.m. Thorp Lecture Series: "The Christian Genius." Dr. Carlyle Marney of *Interpreters' House*, Lake Junaluska, N.C. One World Room, Anabel Taylor Hall. Presented by the Centre for Religion, Ethics and Social Policy. The inaugural lecture will be followed by a reception for the speaker and members of the Thorp family in the Founders Room, Anabel Taylor Hall.

### Monday, March 18

4:30 p.m. Field of Nutrition Seminar: "The Biological Significance of Ascorbic Acid and Ascorbic Acid 2-Sulfate." Ralph Mumma. 100 Savage Hall. Coffee at 4:15 p.m.

7:45 p.m. Seminar: "Incredible Hummingbirds" and "The Private Life of The Kingfisher" — two films. Laboratory of Ornithology, 159 Sapsucker Woods Rd.

8 p.m. Biology and Society Lecture Series: "Food Production and the Energy Crisis" by David Pimentel, Professor of Entomology, Cornell. Statler Auditorium.

8 p.m. Jewish Ethics Discussion led by Rabbi Goldfarb. Chavurah House, 522 Stewart Ave.

8 p.m. \*Cornell Cinema Film: "The Magnificent Ambersons," directed by Orson Welles, with Joseph Cotton. Uris Auditorium. Attendance limited to Film Club Members.

8 p.m. Thorp Lecture Series: "The Nerve to Submit." Dr. Carlyle Marney of *Interpreters' House* Junaluska, N.C. One World Room, Anabel Taylor Hall. Presented by the Centre for Religion, Ethics and Social Policy.

### Tuesday, March 19

4:30 p.m. Dept. of Geological Sciences Seminar: "Strain and Tilt Measurements from Tonga. Problems and Conclusion." Mr. Clifford Frohlich, Dept. of Geological Sciences, Cornell. 212 Kimball Hall. Coffee at 4 p.m.

4:30 p.m. Microbiology Seminar: "Bacterial Luminescence: Molecular Mechanisms and Biological Functions." Dr. J. Woodland Hastings, Biological Laboratories, Harvard University; Cambridge, Mass. 204 Stocking Hall. Refreshments at 4:15 p.m.

7:30 p.m. Food Facts and Fads. "Fruits." Malcolm C. Bourne, Dept. of Food Science. Geneva. Uris Auditorium.

7:30 p.m. Cornell Catholic Community — Lenten Devotions. Speaker is Rev. John Lee Smith. Anabel Taylor Chapel.

8 p.m. Messenger Lecture Series: "Celtic Illuminated Manuscripts: Enigmas and Mysteries" by Harry Bober, Avalon Professor in the Humanities, Institute of Fine Arts, New York University, Bache Auditorium, Malott Hall. (First of series of six).

8:15 p.m. Music Dept. Concert: Elaine Moise, soprano; Nancy Barrer, Accompanist. Works of Frescobaldi, Stradella, Handel, Mozart, Debussy and Barber. Barnes Hall.

8:30 p.m. \*Viola Farber Dance Company performance in

Helen Newman Gymnasium. Sponsored by Cornell Dept. of Dance.

9 p.m. Cornell Cinema Free Film: Buster Keaton in "College." Uris Auditorium.

### Wednesday, March 20

10 a.m.-4 p.m. Clothing Sale (used). Memorial Room, Willard Straight Hall. Sponsored by Black Radio Ithaca.

7 & 8:15 p.m. Beginners and Advanced Hebrew. Room 314, Anabel Taylor Hall.

7:30 p.m. "Classroom Group Dynamics" — some links between interpersonal dynamics, teaching and learning. Whiton Paine. G-08 Uris Hall.

8 p.m. \*Cornell Cinema Film: "Reach for Glory." Uris Auditorium. Co-sponsored by the Cornell International Law Society. Attendance limited to Cornell Community.

8 p.m. Messenger Lecture Series: "Transmutation: From Barbaric To The First Christian Art." Harry Bober. See Mar. 19. Bache Auditorium, Malott Hall.

8 p.m. French Civilization Film Series: French Architecture Middle-Ages Renaissance (Crusade Castles, Chateaux de la Loire). North Room, Willard Straight Hall. In color.

### Thursday, March 21

12:20 p.m. Natural Resources 111: Environmental Film Review: Arctic Ecosystems — "High Arctic Biome" (1961; 22 min.); "Life on the Tundra" (14 min.); "Above The Timberline" (15 min.)

4:30 p.m. Hug Ivri, G34 Anabel Taylor Hall.

6 p.m. Christian Science Organization Testimony Meeting. Founders Room, Anabel Taylor Hall.

6 p.m. "Table Francaise" — *Ici on parle francais*. Ivy Room, Willard Straight Hall.

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

7:30 p.m. Lecture: "To Be Raped — Or — Not To Be Raped." Frederick Storaska. Memorial Room, Willard Straight Hall. Sponsored by Alpha Lambda Delta.

7:30 p.m. TA Workshop Program: "The Ph.D. Job Market-Teaching or ???" Please call John Munschauer: 256-5221 for a reservation. Career Center.

8 p.m. Messenger Lecture Series: "The Riddle of The Biting Beasts." Harry Bober. Bache Auditorium, Malott Hall. See Mar. 19.

8 p.m. Sherlock Holmes Film Series: "Sherlock Holmes and the Secret Weapon," Basil Rathbone and Nigel Bruce. Ives 120. Sponsored by The Baker Street Underground.

8 p.m. Cornell Duplicate Bridge — regular weekly game. Elmhurst Room, Willard Straight.

8 p.m. Discussion: Eckankar, the ancient science of soul travel. Loft II, Willard Straight Hall.

8 p.m. North Campus Union Free Film Series: "Nosferatu" (1922, silent) Directed by F. W. Murnau, with Max Schreck and "Sunrise" (1927, silent) with Janet Gaynor and George O'Brien. Multi-purpose Room.

8 p.m. Sierra Club talk and slide show on the endangered Peregrine Falcon. Professor Tom Cade, Cornell. Laboratory of Ornithology, Sapsucker Woods Road. Refreshments will be served.

8:15 p.m. \*Drummond Studio Series: "Trevor" by John Bowen and "We're Due in Eastbourne In Ten Minutes" by N.S. Simpson.

### Friday, March 22

12:15 p.m. Cornell Women's Studies Program Sandwich Seminar. "Women and Religion: The American Experience." Ingrid Olsen-Tjensvold, Ph.D. candidate, Theology. 105 ILR Conference Center. Open to public. Bring your lunch, coffee available.

4 p.m. Western Societies Program Seminar. Donald Puchala, political scientist at Columbia University will speak on "The Impact of European Community Policy on National Politics and Administration in the Common Market." Room 153, Uris Hall.

5:30 p.m. Shabbat Service Founders Room, Anabel Taylor Hall.

7 & 9:30 p.m. \*Cornell Cinema Film: Dustin Hoffman and Jon Voight in "Midnight Cowboy." Uris Auditorium.

7 & 9:30 p.m. \*Cornell Cinema Film: "McCabe and Mrs. Miller" with Warren Beatty and Julie Christie. Willard Straight Theatre. Attendance limited to Cornell Community.

8 p.m. Mu Epsilon Delta Film: "Years For Living." Goldwin Smith D.

8:15 p.m. \*Concert: Juilliard Quartet. Works of Beethoven. Statler Auditorium. Sponsored by the Dept. of Music and the Faculty Comm. on Music.

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\*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. Willard Straight Hall (either through the mails or by leaving them at the Straight desk) at least 10 days prior to publication of the Chronicle. The Calendar is prepared for the Chronicle by the Office of Central Reservations.

## Audit

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Coma's resignation, resigned on March 5.

Collins concluded his report by noting that he and Anderson had discussed changes to modify the present accounting system for team travel expenses and that he would provide written recommendations shortly.