



First Black Head Coach

Basketball Coach Chosen

Ben Bluitt, who has coached for the last 14 years in high schools in Detroit and Chicago and at the University of Detroit, has been named head basketball coach at Cornell University. It was announced Tuesday by Jon Anderson, Cornell's director of athletics. His appointment is effective immediately.

Bluitt, 49, is the first black head coach in Cornell's 110-year athletic history and the second in the Ivy League. Tom Sanders was named head basketball coach at Harvard last year.

"We had an excellent group of candidates for this job and we are indeed pleased that a man of Ben's caliber, experience and demonstrated capability is joining our staff," Anderson said.

During the 1973-74 season, Bluitt was head coach at St. Mary of Redford High School in Detroit. His team was 17-10, advancing to the semi-finals of the State Class "B" Tournament, the best showing ever by a team from that school.

"I'm eager to get started at Cornell," Bluitt said. "The first thing I want to do is meet the players and let them know my coaching philosophy. I'm not

today. However, the area in which he has impressed me the most is in his association and relationship with young men. He can understand and cope with their problems."

Before coaching at Detroit, Bluitt was a teacher and basketball coach at Farragut High School in Chicago. During his eight years there his teams won 136 and lost 72 in the public schools league. He taught biology and general science.

A native of Chicago, Bluitt graduated from Englewood High School there. He attended Southern University for two years before joining the U.S. Army Air Force during World War II. He graduated from Loyola University of Chicago in 1950.

The 6-6, 220-pounder was a starting forward on the Loyola team that went to the finals of the 1949 National Invitation Tournament. He was named to the NIT All-Tournament team that year.

From 1956 to 1960, Bluitt was administrator at the St. Anselm Community Center in Chicago. He conducted the athletic program and supervised the Big Brother Club program.

Bluitt taught physical and general science at DuSable High School in Chicago from 1956 to 1960. From 1953 to 1956 he taught chemistry, biology and general science in Chicago's Carver High School.

Bluitt and his wife, Doris, have two children: a son who is a psychology major at Stanford University and a daughter who is enrolled at the University of Detroit.



Is He Watching?

Above is one of the silent faces which peer down on students from capitals at the main entrance of Uris Library.



Ben Bluitt

making any great promises about turning the program around quickly, but we'll have a comprehensive program that stresses detail and defense.

"Basketball should be enjoyable for the players and they should be able to look back on it as a good experience. It's always more enjoyable to win and we're going to do everything we can to win."

Bluitt succeeds Tony Coma, who took over as Cornell's head coach in 1972 and resigned last February. Cornell finished with a 3-23 record last season, the worst in the University's history. The Big Red had not had a winning season since 1967-68.

Prior to last season, Bluitt was an assistant coach and freshman coach at the University of Detroit for four years.

Al McGuire, head coach at Marquette whose teams played against Detroit while Bluitt was there, refers to Bluitt as "a Park Avenue person. He'll do the job within the image of the university. He's an excellent coach and, above all, he's a gentleman."

George King, director of athletics and former basketball coach at Purdue, called Bluitt "one of the most knowledgeable coaches in the game

Cornell Programs Help Meet Employees' Educational Needs

Whether you are a Cornell employee who hopes to earn a high school equivalency diploma or a college graduate intent on earning a doctoral degree, you may be eligible for further education at Cornell, according to Gerald S. Thomas, assistant director of personnel services.

"Almost any conceivable educational need can be met by one or more of our programs," he said.

Job and/or career-related educational programs open to employees are: High School Equivalency, Tuition Aid, Extramural courses, Employee Degree Program and courses through the Empire State College.

Some 60 men and women participated in the *High School Equivalency Program* in 1973. The 24-session course, which meets for two hours at a time, prepares employees in English usage, mathematics, science, social studies and literature, all aspects of the Equivalency Test. Employees are released from work to attend class; they receive their regular salaries while taking the program.

The *Tuition Aid Program*, effective July 1, 1974, reimburses employees for job-related coursework successfully completed at an accredited institution other than Cornell up to four-credit hours per semester. These institutions, offering courses not available at Cornell, include BOCES, correspondence schools and other commercial or educational organizations. A regular full-time employee with at least one year of University employment or a part-time employee with three years' service is eligible for this program.

Any regular full- or part-time non-academic or non-professional academic employee is eligible to take part in the *Extramural Program* covering job- and/or career-related or non-job-related courses up to four-credit hours per semester. A course is considered job- or career-related if it

covers subject matter deemed by the supervisor to be central to the employee's work, or to work the employee might be expected to perform in the foreseeable future. Such courses may be taken for credit without charge for tuition, and without making up time lost from the job, provided the employee remains in good standing both academically and on the job. A job-related course may be audited without charge, but the employee must make up the missed time. (Employees who have worked for the University for less than a year are permitted to take a job-related course on the assumption that they will remain an employee for a minimum of one year following the completion of the course. Non-job-related course work may be taken, provided lost time is made up.) A regular full-time non-academic or non-professional academic employee having at least a year of service may take non-job-related courses at the rate of \$10 per credit hour. Full-time employees with less than one year of service, and all part-time employees, must pay full tuition rates for non-job-related courses.

During the present semester, 77 full-time male employees and 151 full-time female employees are studying in job-related courses, as are eight males and 18 females employed part-time. Fourteen of the full-time employees are minority group members, as are two of the part-time employees.

Fewer persons are studying non-job-related subjects. Six male and 36 female full-time employees are enrolled.

Beginning July 1, non-exempt as well as exempt employees will be eligible for the *Employee Degree Program* begun six years ago. The degree program to be pursued need not be specifically related to the employee's present job.

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National Academy of Sciences

Four Profs. Elected Members

Four members of the Cornell University faculty were elected to membership in the National Academy of Sciences in Washington, D.C. Tuesday. They are Kenneth I. Greisen, professor of physics; Charles F. Hockett, the Goldwin Smith Professor of Linguistics and Anthropology; William R. Sears, the John L. Given Professor of Engineering, and Benjamin Widom, professor of chemistry.

The four professors were among 95 new members elected to the prestigious academy. The current total membership stands at 1,107.

The National Academy of Sciences is a private organization of scientists and engineers dedicated to the furtherance of science and its use for the general welfare. The academy was established in 1863 by a congressional act of

incorporation signed by Abraham Lincoln, which called upon the academy to act as an official advisor to the federal government, upon request, in any matter of science or technology.

Greisen received his bachelor of science degree from Franklin and Marshall College in 1938 and his doctorate from Cornell in 1943. He served on the Manhattan Project at the Los Alamos Scientific Laboratory from 1943 to 1946, when he joined the Cornell faculty. Much of Greisen's work at Cornell has been in the area of cosmic rays and gamma rays. He has been involved in designing special telescopes to study these phenomena, and large balloons to carry the telescopes aloft.

A member of the Cornell faculty since 1945, Hockett is the author of more than 100 articles and several books, including "Man's Place in Nature," which was published last spring by McGraw Hill as both a basic textbook in anthropology and as a work for the general reader. Hockett received his bachelor of arts degree in 1936 and master of arts degree also in 1936 from Ohio State University, and his doctor of philosophy degree from Yale University in 1939.

Sears came to Cornell in 1946 as the first director of the Graduate School of Aeronautical

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Sage Notes

Graduate students who are Ph.D. candidates currently in their third year are reminded that they are required to attempt the Admission to Candidacy Examination before they may register for the fall term starting their fourth year. This is particularly important for prospective fellowship holders, since fellows must be making satisfactory progress to be eligible to hold their fellowship. In addition to satisfactory grades in courses, satisfactory progress requires that fellows must have passed their Admission to Candidacy Examination before the start of their fourth year.

Graduate students nearing completion of degree requirements should check with their respective fields, committees, and the Graduate School regarding any special thesis requirements and regarding the acceptability of their thesis format before preparing the final copy of the thesis.

Order forms for caps and gowns are available in the Graduate School Office, Sage Graduate Center, for graduate students who plan to take part in the Commencement procession. Order now to avoid a late charge. Details and procedures for graduation are also available.

Degrees will not be awarded to students who owe funds to the University. All degree candidates should check their accounts with the Student Account Section of the Bursar's Office, 260 Day Hall, between May 13 and 24, 1974. Since mistakes can be made in the rush of commencement activities, all candidates should check even if they are sure there are no outstanding charges due the University.

Heigh-Ho!



GENTLEFOLKE — Bob Glassberg, Susan Todes (right) and Claire Curtis will join other knights, damsels, dragons and troubadours in costume at the third annual Medieval fair at Risley Saturday. The festivities begin at noon with a parade from the Straight, and the jousting, dancing, performing and eating are expected to last into the night.

Mandatory Retirement Contribution Eliminated

The following story, as it appeared in last week's issue, contained several errors. Below is the text as it should have appeared. Please note in paragraph 7 the correct text states "As of July 4, the University's contribution will remain mandatory while the employee's contribution will be voluntary and variable for an employee." The previous story incorrectly stated Social Security contributions by employees would be voluntary.

Cornell employees in the endowed colleges may now make optional and variable contributions to the University's Contributory Retirement Income Plan as the result of action taken by the Executive Committee of the Board of Trustees which met yesterday (April 17) in New York City. As a result, the present mandatory 5 per cent employee contribution has been eliminated, effective July 4, 1974.

The plan is part of retirement annuity contracts issued by the Teachers Insurance and Annuity Association (TIAA) and College Retirement Equities Fund (CREF).

In addition, new employees in certain job categories in which service is normally limited to one or two years will become eligible

for participation in the contributory plan at the beginning of their employment only if they have previously participated in TIAA/CREF. Otherwise, they will become eligible after two years of service, in which case the University will make a contribution to the employee's TIAA/CREF account equal to the amount which would have been contributed had the employee been enrolled in the TIAA/CREF program from the date of employment.

The committee also amended the Disability Leave of Absence Plan such that, in the event of a disability leave of absence as defined in that plan, the University will continue its 10 per cent contribution throughout the leave. If the employee was contributing to TIAA/CREF at the time of incurring the disability, the University will contribute a percentage equal to that contribution to a maximum of 5 per cent.

Benefits accruing to employees participating in the Contributory Retirement Income Plan prior to July 4, 1974 will not be reduced as a result of these revisions.

These actions were initiated by the Committee on the Professional and Economic Status of the Faculty and approved by the Personnel

Planning and Policy Board.

Under the present retirement plan, participants were required to contribute at least 5 per cent of their gross salary to TIAA/CREF. The University's mandatory contribution on behalf of the participant was 10 per cent. As of July 4 the University's contribution will remain mandatory while the employee's contribution will be voluntary and variable.

Because of rapid increases in Social Security taxes and benefits, concern was created that the combined TIAA/CREF and Social Security deductions would force excessive savings in some cases, according to Robert F. Risley, vice provost. The combined employee-employer contribution for Social Security now totals 11.7 per cent of the first \$13,200 gross salary for an employee.

"The Executive Committee action will provide immediate relief from this possibility by allowing each participant in the TIAA/CREF program greater discretion in allocating earnings between present and future income," he said. "The removal of the mandatory requirement for the 5 per cent employee contribution is planned for implementation in July concurrent with the introduction

of the TIAA/CREF Supplemental Retirement Annuity (SRA) Program," Risley said.

The SRA Program was approved by the Board of Trustees in the fall of 1973.

Risley anticipated that some employees may wish to shift their present mandatory contributions to the SRA Program, from which contributions can be drawn prior to retirement. Under the mandatory TIAA/CREF Program, employee contributions cannot be withdrawn after a period of five years from initial entry. Prior to that time, the employee may remove his contribution in a lump sum with interest, if he has been separated from a participating institution, but at the same time relinquishes the University's contribution toward his retirement.

"The faculty and staff interest in introducing more flexibility into their retirement program coincides with a national trend," Risley said. "It has served to direct attention to the need for a more searching examination of the structure of the Cornell retirement program. This includes the extent to which even the revised contribution requirements may, in light of growing Social Security taxes and benefits, still require excessive income deferral; the

extent to which some protection should be built into the plan against future economic developments, including both price inflation and possible long-term erosion of capital values; opportunities for early retirement, and possibilities for a more effective coupling of the endowed college retirement program with other programs within which personnel may earn retirement credits."

CORNELL CHRONICLE

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Counseling Records Should Be Confidential, Senate Proposes

The University Senate overwhelmingly approved a recommendatory bill strengthening its earlier Subpoena Notification Act and the University's subpoena policy at a special meeting April 17.

The senators also approved procedures for election of an employee senator, and defined which employees may run for, or vote in, that election. In a separate matter, they approved recommendations from the Committee on Committees (COC) for staffing all standing senate committees and subcommittees in 1974-75.

Although no action was taken, the senators were also given, for study and vote at a subsequent meeting, a budgetary synopsis of "new program" requests for 1974-75 and their allocations as proposed by the campus Life committee (CLC). Continued action on this matter was necessitated when the Board of Trustees cut "new program" requests by \$20,000 from \$58,000 to \$38,000. The fourth Senate had requested the higher figure in approving the full Campus Life Division budget in February.

The recommendatory subpoena bill was extensively amended during 45 minutes of debate. Extrapolating from the present protection of certain confidential relationships under New York State law, the amended bill called on the University "to propose to the state legislature that it incorporate the privileged nature of the counseling relationships, and the records thereof, as occurs within the University setting, into New York State law." In the interim, the Senate recommended the University seek to retain possession of subpoenaed counseling records. The bill also recommended that the University counsel, as a matter of University policy, act to challenge the relevancy of a subpoena, upon the subpoenaed individual's informing that office as to why the subpoenaed material was irrelevant.

Traffic

Beginning Monday, April 29 through Friday, May 3, there will be no through traffic allowed on Central Ave., due to the repair of a steam line behind Uris Library. Vehicle access to "E" parking areas will be from Campus Rd. The section of road in front of Willard Straight Hall will become two-way with a turnaround area at the Uris Library loading dock. "U" permit holders will be allowed vehicle access from University Ave. and a turnaround area will be located near Morrill Hall.

All no-parking zones on Central Ave. will be strictly enforced. Vehicles found in violation will be towed.

Michael Wolfson, assistant University counsel, was present at the meeting. He said the Senate cannot legislate the fate of records held by an individual. The University controls only University records, he stated; consequently the Senate bill would have no effect in instances such as the recent attempt by the district attorney to subpoena class lists held by a Cornell instructor.

Employee election procedures for employee trustees received considerable discussion on the matter of the sponsor's intent in excluding administrative employees from participation. The definition of administrative employee was also debated. Kay Hanna, Senate administrator, said some 470 to 480 employees belong in this category, which is defined by a Federal Affirmative Action code, and includes "officials and managers." Generally this designation includes deans, directors and department heads, Wolfson said.

Steven J. Hanzlik, supervisor in theoretical and applied physics and sponsor of the bill, said administrative employees had been excluded from his version of the bill "because they would not be able to speak as employees... their allegiance is controlled by the administration..." As approved, however, the bill allows administrative employees to vote for an employee trustee, but not run for that seat. The procedures, as amended, were overwhelmingly approved.

Hanzlik sponsored the

constitutional amendment earlier in the year to create the employee seat. That amendment, which has been approved by the Senate, by a referendum of the students and staff, and by the Faculty Council of Representatives, must be approved by the Board before taking effect.

The cutback in the "new programs" allocation left the CLC with the task of suggesting reductions to or elimination of several requested programs. Final allocation decisions will be made at a subsequent Senate meeting.



Conscience and Law Topic of Colloquy

A colloquy, "Conscience and the Law: Conflict of Moral Authority," will be presented jointly by the Centre for Religion, Ethics and Social Policy (CRESP) at Anabel Taylor Hall and the Cornell Law School tomorrow.

The colloquy will be divided into two sessions—at 4 p.m. in the Moot Court Room of Myron Taylor Hall, and at 8 p.m. in the One World Room of Anabel Taylor Hall.

Guest speakers on the program will be Herman Schartz, professor of law at the University of Buffalo, a civil rights attorney and a member of the Attica defense group, and William Stringfellow, an attorney, theologian and author.

Responding to the guest speakers presentations will be Peter G. Beeson, a second-year law student at Cornell; George R. Blakey, professor of law at Cornell; Michael C. Blumenthal, a third-year law student at Cornell, and David W. Connor, a staff member at CRESP.

The speakers will address such questions as, "What happens when conscience comes in conflict with the law, and what moral status should individual conscience claim vis-a-vis the law?" according to John Lee Smith, executive director of CRESP.

"In a time of abuse of public authority and a concomitant decline of trust in the integrity of government and law, such questions assume an increasing relevance and urgency," he said. "The colloquy is designed to deal with such questions with candor and frankness."

Spring Sports Scoreboard

BASEBALL — Record to date: 7-12. Last week's results: Cornell 10, Cortland 7; Columbia 5, Cornell 2; Pennsylvania 3, Cornell 2; Cornell 3, Pennsylvania 2; Cornell 11, Cortland 4. This week's schedule: April 26, at Dartmouth; 27, at Harvard (2); 30, at Colgate; May 1, at Ithaca College.

LACROSSE — Record to date: 6-1. Last week's result: Cornell 20, Harvard 1. This week's schedule: April 27, Brown; May 1, at Pennsylvania.

TRACK — Record to date: 1-1. Last week's result: Cornell 111, Birmingham 80, Colgate 20. This week's schedule: April 26-27, Penn Relays.

TENNIS — Record to date: 1-4. Last week's results: Colgate 6, Cornell 3; Columbia 9, Cornell 0; Pennsylvania 8, Cornell 1; Cornell 4, Yale 5. This week's schedule: April 26, at Dartmouth; 27, at Harvard; May 1, Brown.

LIGHTWEIGHT CREW — Record to date: 0-2. Last week's result: Princeton, Rutgers, Cornell. This week's schedule: at MIT, Columbia (Geiger Cup).

HEAVYWEIGHT CREW — This week's schedule: April 27, Navy, Syracuse (Goes Trophy).

GOLF — Record to date: 00-00. Next week's schedule: April 26, at Rochester; 27, Army, Columbia; 29, at Colgate.

'Singularly Rare Specimens'

Scientist Studies Trilobites' Internal Anatomy

A natural disaster in Rome, N.Y., some 440 million years ago trapped thousands of little trilobites (extinct, shrimp-like marine animals) in a mudslide.

The incident is now having a happy ending for a Cornell paleontologist, who discovered that the organic-rich mud of the disaster area preserved not only the animals' hard exoskeletons, or outer shells, but the delicate legs and soft internal organs as well.

John L. Cisne, assistant professor of geological sciences in the College of Engineering, said that the "singularly rare specimens," called *Triarthrus*, owed their preservation to the presence of iron pyrite, or "fool's gold" in the mud. Originally described in the 1890's by C. E. Beecher of Yale University, "Beecher's Trilobite Bed" has become famous for containing the best preserved trilobites known.

Using modern X-ray techniques, Cisne examined hundreds of the specimens. The information he uncovered about the muscles, gut and other parts of the trilobites' internal anatomy has led him to new thinking about their evolutionary history.

"Paleontology," Cisne explained, "is the biology of the past. By combining study of living plants and animals with study of the fossil record, paleontologists are continuing to find answers to questions about how organisms and communities have evolved."

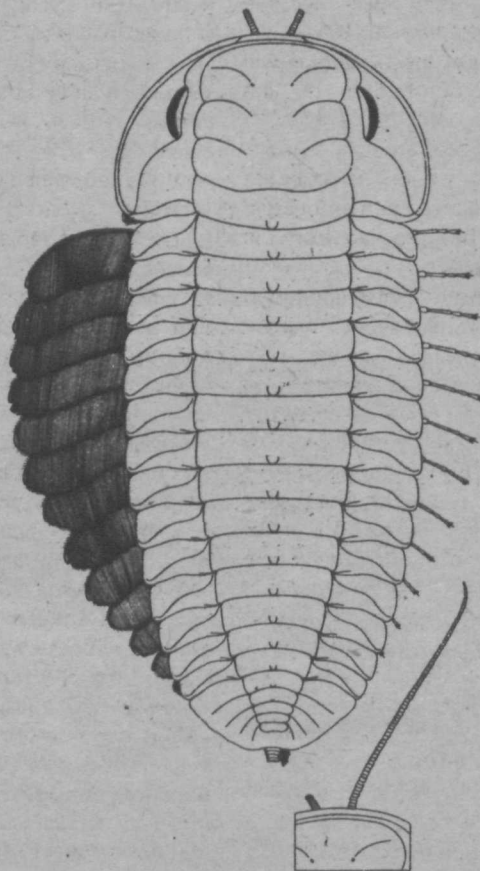
Cisne said that the new findings on trilobite anatomy help resolve the long-

standing problem of the origin of arthropods, the animal phylum to which shrimp, insects, spiders and trilobites belong. Trilobites are among the most primitive arthropods known.

"What is now known of trilobites," Cisne said, "suggests that arthropods had two evolutionary origins some 600 million years ago—one for trilobites, shrimp and spiders, another for the insects and allies. You can see how two different groups of animals could have hit upon the same solution to problems of adaptation: being an arthropod and having a hard shell."

Aside from the good preservation of the specimens, Cisne said, Beecher's Trilobite Bed is special because it contains an entire community.

"This catastrophically killed and buried group of animals," he explained, "represents a sort of natural census, a snapshot of animal populations living together at one time, that is rare in the fossil record." He published his analyses of the fauna's ecology in a recent *Postilla* (a publication of Yale's Peabody Museum) and in the Winter 1973 issue of *Ecology*. From the presence of discrete age classes in the group, Cisne determined that the trilobites bred seasonally. He estimates, roughly, that the mature trilobite laid hundreds to a few thousand eggs per year. The tiny trilobite larvae had a relatively long life, he concluded, and were well adapted to dispersal over long distances. *Triarthrus* was once distributed worldwide, Cisne said.



Triarthrus

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.

Build New Housing Within the City

As an habitual observer of campus crisis, I am forever puzzled by the monolithic perspective Cornell University has of its problems. The University, for reasons beyond my comprehension, views almost all of its difficulties as internal and consistently refuses to recognize its inherent interdependence with the rest of Ithaca. The most recent example of this is the "University's housing shortage," and the typicality of Cornell's response, new North Campus apartments, is enough to make one question whether or not the administration ever bothers to think about the long range consequences of its behavior.

North Campus apartments look like a fine solution at first glance, but I believe they create as many problems as they solve. The University has consistently demonstrated its ineptitude in providing real services to the Cornell community. The dining department has only just recently started breaking even, and in housing, each year students face rising rents and cut backs in services. With construction of new unendowed dormitory buildings, Cornell goes deeper and deeper into debt with the New York State Dormitory Authority. With continued construction, other problems are created, such as parking,

University Has Monolithic View Of Its Problems

additional recreation and dining facilities, bus transportation, etc., all of which is expensive. The University tries to cover these bills by expanding the student body and by postponing capital improvements on existing dormitory facilities. This results in an even greater demand for space and taxes further buildings that are already showing their age.

But this is only part of the picture. The housing shortage is not peculiar to Cornell, but is part of an overall housing problem in Ithaca. Low income families downtown are forced to compete with more affluent students for an already scarce commodity. Landlords are having their doors battered down by people hungry for a place to live. Thus we find rents being bid upward and the quality of housing dropping precipitously.

Mayor Ed Conley has recognized that Ithaca's future lies in a healthy downtown, and has made this the primary objective of his administration. Sprawling suburbs, however, do not contribute to this goal. Because of the convenience of the shopping centers, people

patronize downtown shops less frequently. Merchants in turn make less income and are unable to afford the rising property taxes necessary to pay for city services. We find ourselves then with the classical ingredients for a decaying city. Conley has tried to stop this through his aggressive urban development program. But the results of his efforts are not yet in, and there is a distinct possibility that he will fail to succeed before the construction is completed.

Where does the answer lie? I am not exactly sure, but I do know it is not with further University construction in the North Campus. Cornell must wake-up and see this housing problem in its proper context, which means it has to look downtown for some answers. The University has to realize that contact with the "unwashed" can no longer be avoided, without dire consequences resulting. Cornell should then go about doing what it is best at, consulting and disseminating information, to get local politicians and businessmen to squarely face this problem and do something about it.

I suggest that the first item on their agenda should be to increase both the supply and quality of housing close to campus. Cornell should use its influence and expertise to persuade city government to pass legislation giving tax breaks and other financial incentives to businessmen for the construction and/or renovation of quality housing within the city limits. The University should investigate the availability of federal and state aid for low income housing construction and should help non-profit groups secure these monies. The building inspector should be strongly encouraged to enforce the building, fire and safety codes in all apartments. Cornell should then set up a non-profit real estate office, which would set minimum acceptable standards in housing, and assist landlords by coordinating off campus housing selection with students. On campus housing would then be guaranteed only for freshmen and transfers with the remaining space being offered on a lottery basis to those wishing to reside on campus. Lastly the University should declare a moratorium on all future dormitory construction, until a careful study has been conducted to ascertain both the possible alternatives, and the full impact of this on the Ithaca community. Look before you leap, Cornell, or you are going to find yourself with even greater difficulties in the future.

John Kontrabecki

Against Credit Cards

(The following letter has been sent to the trustees of the Statler Club.)

On January 5th I wrote a letter protesting the installation of machines and plastic credit cards at the Rathskeller. This innovation was launched over the winter holiday without debate or vote by club members. I have never had the courtesy of a reply to that letter.

I have consistently refused to interact with the machines and the plastic credit cards, and until this week I continued to pay cash. This has meant that I pay what amounts to a penalty of ten per cent on every purchase. I note that there has been no club decision I know of, nor any legal statute — state or federal — outlawing payment in U.S. legal tender within the borders of this country.

This week I was informed that

no longer will I be permitted to pay cash for meals at the Rathskeller. Effectively, this unilateral decisions bars me, a charter member of the Statler Club, from using its lunchroom facilities.

The manager tries to talk to me about efficiency. I fail to see how the club's past inefficiencies may be corrected by present incivilities and reduced humanity in its atmosphere.

At this point in American History, any measure that reduces face-to-face, person-to-person interaction and replaces it with person-to-machine interaction, erodes further whatever sense of community some of us are trying, against odds, to keep alive on the campus.

Rose K. Goldsen
Associate Professor

Emma Craig

Emma E. Craig, formerly of Ithaca, died Saturday, April 20, 1974, in Hunterdon Medical Center in Flemington, N.J., after a long illness.

Surviving are her husband, Peter Craig, formerly of Cornell University, and three children: Ann, Nancy and Peter.

The family asks that in lieu of flowers, donations in her memory be made to the Department of Natural Resources, Fernow Hall, Cornell.

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)

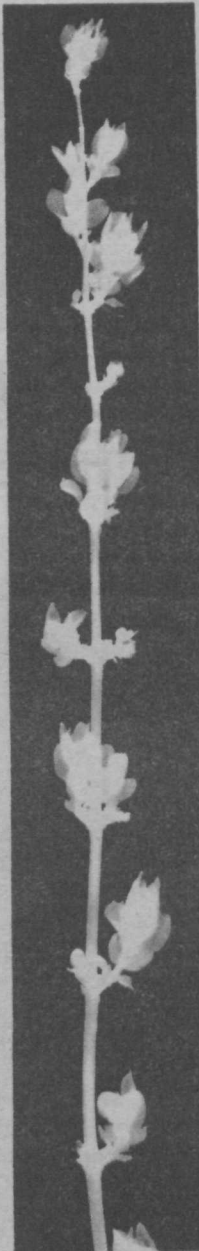
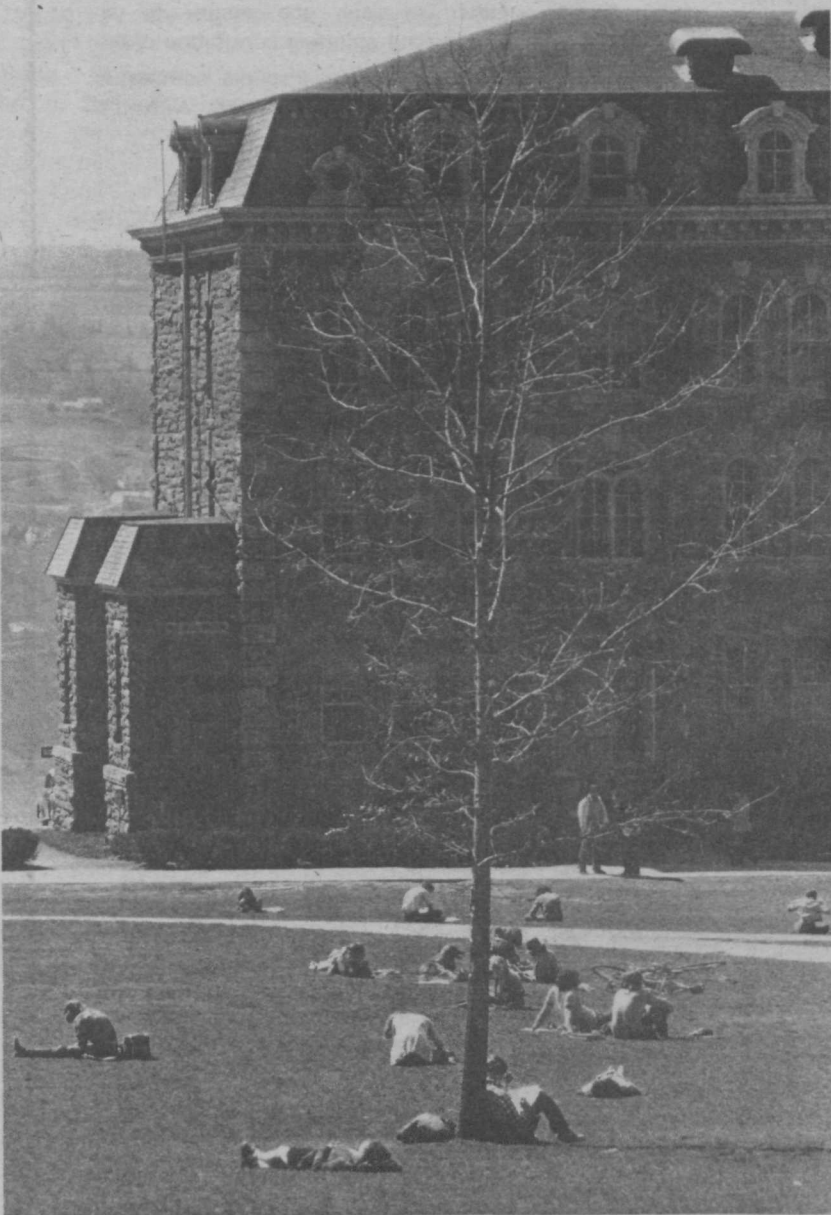
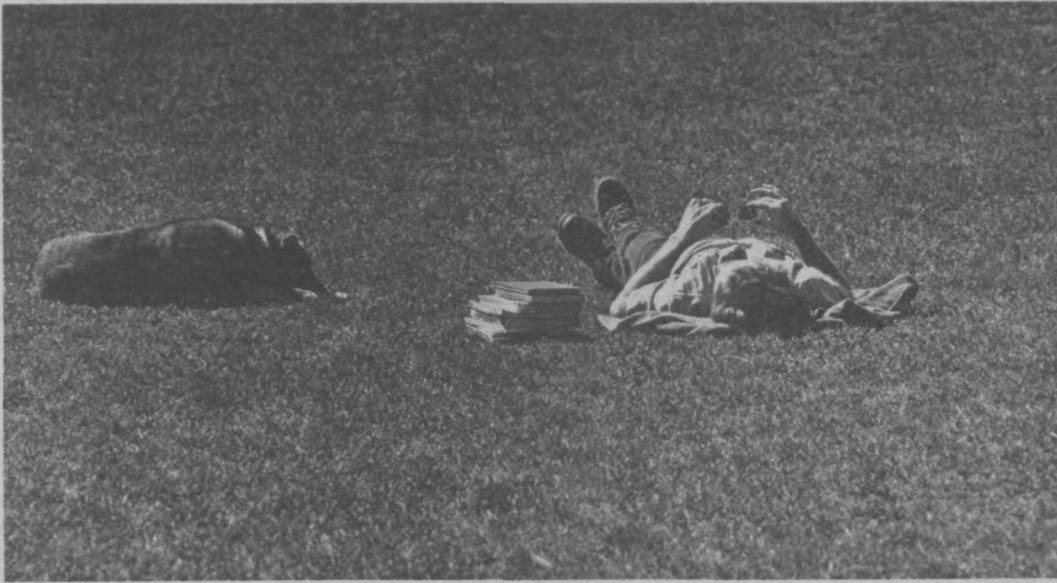
Administrative Secretary, A-15 (Learning Skills Center)
Administrative Secretary, A-15 (MCTS) (University Senate)
Administrative Secretary, A-15 (Architecture, Art and Planning)
Administrative Secretary, A-15 (2) (Law School)
Department Secretary, A-13 (Personnel Services)
Department Secretary, A-13 (Operations Research)
Department Secretary, A-13 (Civil and Environmental Engineering)
Department Secretary, A-13 (CRSR)
Department Secretary, A-13 (Electrical Engineering)
Department Secretary, A-13 (Office of the Dean of Students)
Steno I, NP-5 (Genetics, Development and Physiology)
Steno II, NP-6 (Education)
Steno II, NP-6 (Consumer Economics & Public Policy)
Steno II, NP-6 (Floriculture and Ornamental Horticulture)
Keypunch Operator, A-13 (Computer Services)
Keypunch Operator, A-13 (Student Information Services)
Office Machine Operator, A-12 (Graphic Arts Services)
Library Assistant II, A-12 (2) (Library)
Library Assistant III, A-15 (Library)
Library Assistant IV, NP-10 (Library)
Searcher I, A-13, (Library)
Cashier I, A-9 (Cornell Campus Store)
Administrative Aide I, NP-11 (Finance and Business Office)
Administrative Aide I, A-18 (Personnel Services)
Administrative Assistant (Geneva)
Administrative Assistant I, NP-16 (Field Study-Human Ecology)
Research Aide, A-14 (Laboratory of Ornithology)

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 (Geneva)
Counselor (Division of Academic Services)
Program Leader (2) (Cooperative Extension Administration (1-NYC))
Cooperative Extension Specialist, (Fredonia) (Cooperative Extension Administration)
Cooperative Extension Specialist (Cooperative Extension Administration (Brockport))
Extension Associate (Plattsburgh) (Cooperative Extension Administration)
Director of Transportation (Transportation)
Director (Safety Division)
Manager-Systems Programmer (OCS)
Assistant Coach-Basketball (Athletics)
Head Coach-Basketball (Athletics)
Assistant Coach of Football and Instructor in Physical Education (Physical Education and Athletics)
Assistant Dean of Students - Director of Student Activities & Orientation (Office of the Dean of Students)
Associate/Assistant Director for Academic Affairs (Biological Sciences)
Assistant to the Dean/Assistant Dean (Office of the Dean: Special Programs)
Assistant to the Dean (B&PA)
Vice President for Planning (Executive Staff)
Resident Director (3) (Dean of Students (10 month positions))
Residential Area Coordinator (Dean of Students)
RN (University Health Services)

Lab Technician I, NP-8 (Vet College)
Lab Technician, A-17 (Biochemistry, Molecular and Cell Biology)
Lab Technician II, NP-11 (Vet College)
Research Specialist (2) (Natural Resources)
Research Specialist (Agricultural Economics)
Research Technician II, NP-10 (Plant Pathology)
Experimentalist I, NP-11 (Genetics, Development & Physiology)
Experimentalist II, NP-15 (L.H. Bailey Hortorium)

Continued on Page 9

Too soon for leaves, too late for snow, the equinox a month passed, when suddenly, the sun breaks through Ithaca's gloom. The all but forgotten taste of earth returns.



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)

Statement of University Legislation and Rules For Independent Study Week and Exams

At the request of the Office of the University Ombudsman, I am setting forth the following summary of the legislation and rules governing independent study week and examinations.

1) No examinations may be given during the independent study period (ISP) immediately preceding the final examination period unless the Dean of the Faculty and the Registrar agree that certain final examinations must be scheduled during the last day(s) of the study period to prevent large scale conflicts.

2) Make up examinations may be

given during the ISP by mutual consent of the student and the faculty member.

3) Papers may be required of students during ISP if they were announced sufficiently far in advance that the student did not have to spend a significant segment of ISP completing them.

4) Faculty can require students to submit papers during the week preceding the ISP.

5) Examinations may be scheduled during the week of lectures immediately preceding the scheduled study period, but such an examination will not be permitted in any course

unless a final examination is also scheduled for that course during the regular period reserved for final examinations after the study period.

6) The issue of take home examinations issued before ISP and due during the examination period will be decided *ad hoc* by the Dean of the Faculty.

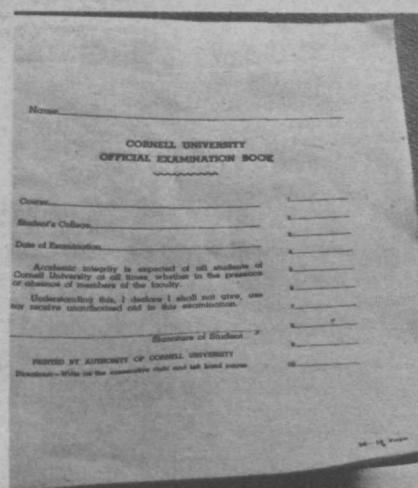
7) Faculty may not require students to submit take home examinations during independent study week.

In addition, I have been requested to make the following statement:

It is University Policy to discourage more than two examinations for a student in any one day; however, it is not specifically prohibited. The Dean of the Faculty urges members of the faculty to consider student requests for a make-up examination, particularly if their course is the largest of the three

courses involved and thus has the strongest likelihood of offering a make-up examination for other valid reasons; i.e., illness, death in the family, etc.

Norman Penney, Dean of Faculty



Report of the FCR Exec. Committee Meeting

April 24, 1974

At its meeting on April 24, the Executive Committee of the Faculty Council of Representatives discussed public allegations made by some faculty members of a decline in the quality of the University and in faculty morale. The Committee concluded that if there is evidence to support these allegations they would be anxious to receive it and, depending on the

evidence, they would be prepared either to refer the matter to an appropriate standing committee of the FCR or to appoint a special committee to investigate and report. With the report in hand, the Committee would then be prepared to call upon the Administration to make an appropriate response.

Seven Per Cent Saving in Electrical Consumption

After the first rush of activity in campus energy conservation, late last fall and early winter, the Cornell community has continued to demonstrate savings in consumption during the first quarter of this year.

By the end of March electrical consumption on campus over the past nine months was some 17 per cent below the same period the previous year. This figure takes into account an expected 10 per cent growth in annual consumption which was the rule until the energy crisis hit. The actual saving was 7 per cent, as seen on the accompanying chart.

Total savings over the 1973-74 fiscal year may hit 20 per cent, a considerable gain over the goal of a 15 to 17 per cent savings set when the conservation campaign was launched last fall, according to Robert Clawson, chairman of the University's energy conservation task force and utilities rate engineer in the Department of Buildings and Properties (B&P).

While total consumption has been decreased by 7.6 million kilowatt hours this year over last year, the University has still paid \$6,322 more for electrical energy this year that it did last year over the same period. Over the first nine months of the fiscal year the University has paid out \$1,297,966 as compared to \$1,291,644.

An accompanying chart also shows the comparative rates of consumption over last year in stream use for heating. A direct comparison of this usage is difficult because of differences in the outside temperature on any given day from one year to the next. A better picture of savings in these areas will be available at the end of the fiscal year, Clawson said.

He commended the students, faculty and staff, stating that without their individual cooperation and concern the savings made so far could not have been achieved to the extent that they have been.

Cornell, Ithaca College Join In Performing Verdi Work

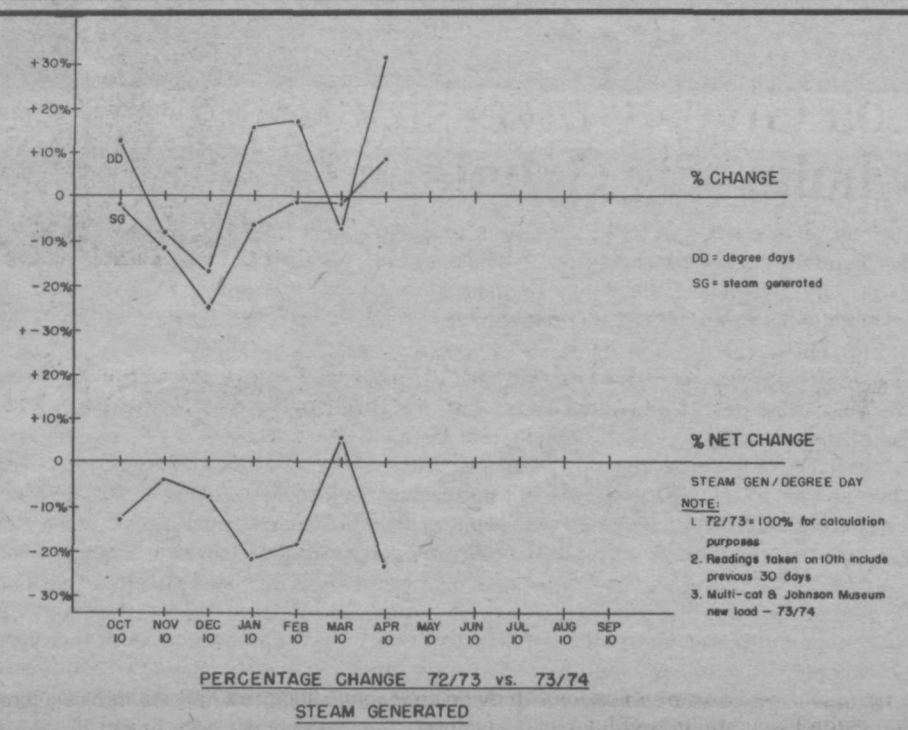
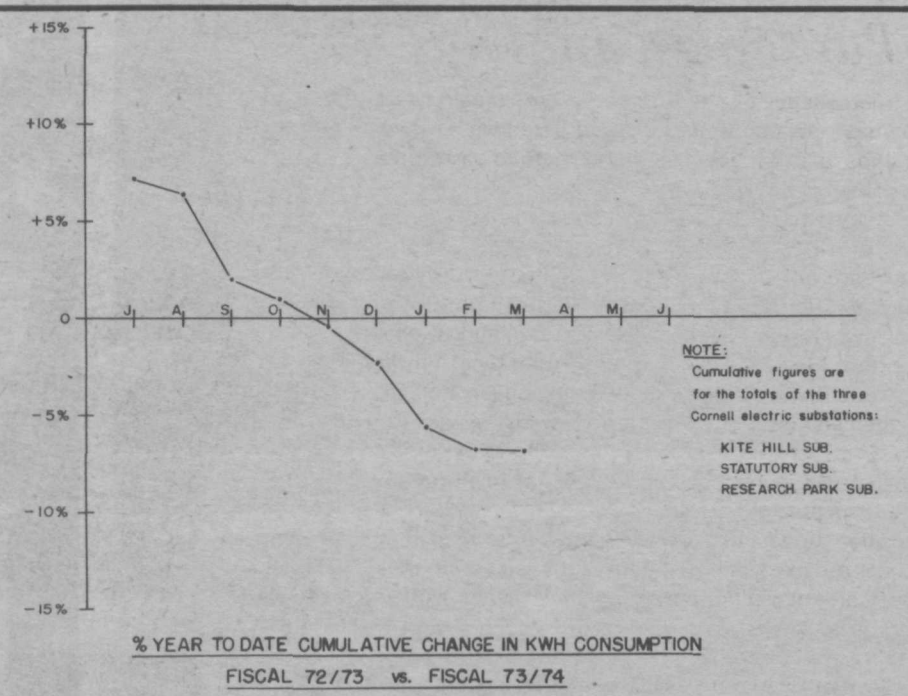
Approximately 250 singers and instrumentalists will fill the Bailey Hall stage Tuesday evening to present one of the most popular works in the choral-orchestral repertoire, the Requiem of Giuseppe Verdi.

Musical resources of Cornell and Ithaca College will be combined in the first major public performance involving conductors and musical organizations from both institutions. The Ithaca College Orchestra and Cornell Glee Club and Chorus will be under the baton of Thomas Michalak, director of the College Orchestra. The singers have been prepared by their director, Thomas A. Sokol.

Tickets for the 8:15 p.m. concert are on sale at Cornell's Lincoln Hall, Ithaca

College's Egbert Union and McNeil Music in downtown Ithaca.

Four young artists will appear as guest soloists with the ensemble. Kathryn Bouleyn, Metropolitan Opera National Audition winner, has sung leading soprano roles with the Philadelphia Lyric Opera, Pennsylvania Opera, Indiana University Opera and Curtis Opera. Ewa Dobrowska, born and educated in Poland, toured in Hungary, France and Holland, where she won an international singing competition before coming to America. She is presently a leading mezzo with the Tri-Cities Opera.



Key Lacrosse Test

Cornell Meets Brown Saturday

The first real test of Cornell's supremacy in eastern lacrosse and a key Ivy League game is slated for Saturday at 1:30 p.m. when the Big Red meets Brown at Schoellkopf Field.

Coach Richie Moran's team, ranked No. 4 nationally in the latest coaches poll, has a score to settle with the Bruins, currently ranked No. 10. Brown defeated Cornell 11-3 last year, Cornell's first Ivy loss after a 22-game winning streak going back to 1969. Brown went on to win the league title.

Cornell is 6-1 thus far this season and 2-0 in the league. Brown took a 4-1 overall record and a 2-1 mark into a Wednesday (April 24) game with Harvard.

Saturday's game, the next to the last home contest for the Big Red, will be televised by Lacrosse Concepts, Inc. of Baltimore. Some 13 stations will carry the game either live or on a tape delay basis.

Both Cornell and Brown have suffered their only losses to a mutual opponent, Johns Hopkins, the No. 2 team in the country. The Big Red lost, 13-8,



Jim Trenz

and the Bruins bowed, 21-7.

Moran's team has trounced both of its Ivy opponents this season — Dartmouth and Harvard—but Moran expects a battle from Brown. "They have all of their Ivy people back from last year and only lost about three men from the entire squad," Moran observed.

Cornell was led to its 20-1 win over Harvard by Jim Trenz and

Mike French, a pair of All-America hopefuls. Trenz, a senior from Oceanside, N.Y., who was an All-America at Penn State before transferring to Cornell, had six goals and six assists. French, a sophomore from St. Davids, Ont., had five goals and five assists.

Trenz and French are battling for the team scoring title and could break the Cornell single season scoring record of 74 points set by Al Rimmer in 1971. Trenz currently has 47 points on 23 goals and 24 assists. French has 45 points with 29 goals and 16 assists.

The defense has sparkled for the Big Red too, yielding an average of 6.9 goals per game. Cornell's leading goalie is senior Mike Emmerich of Westbury, N.Y. He's had 63 saves and gives up 35 goals in six games.

Brown hasn't been scoring at the high rate of the Big Red, but has been tough to score against. Through the first five games, Brown's leading scorer was Bob Mueller with nine goals and four assists.

About \$1,200 Is Raised In Campus Chest Drive

The Student Emergency Fund Campus Chest campaign has raised nearly \$1,200 thus far in its attempt to re-establish the fund which, through the 1960s, raised as much as \$15,000 in a single campaign.

Then, solicitations were almost exclusively among students. This year's campaign, however, is being extended to faculty and staff for token contributions. To date the faculty and staff have donated \$724, and students have given only \$451.87, according to Kenneth Hoffman '75, chairman of the drive.

"We cannot express," Hoffman said, "enough gratitude for the support we have received from the Cornell faculty and staff who contributed money which will exclusively benefit the Cornell student population. This support has provided much needed encouragement to continue in our solicitation attempt."

"Most of the money we raise this year will, hopefully, come from students through solicitation and the SEF desk in the lobby of Willard Straight. To those students who have already contributed, thank you for your generosity. To those who have not yet given anything, your support is desperately needed in order for us to be effective in reestablishing the emergency fund for those who will be needing it."

"A rock concert is \$4 to \$6, a downtown movie is \$3. If each solicited student would contribute only \$1, we could raise \$5,000, a not so totally unrealistic sum, if everyone helped out. An average \$3 donation would firmly recreate the only charity meant for Cornell students."

"Many persons have not only contributed their money, but also valuable study and personal time to solicit for a fund which they feel is much needed on this campus. Failure to raise at least \$2,000 will force this fund out of existence. At \$2,500, the fund could operate, but on a very tight budget." \$5,000 was the normal operating budget of the Student Emergency Fund, Hoffman said.

If for some reason you have not given to the fund, you may do so at the desk in the Willard Straight lobby, or you may mail checks payable to the Student Emergency Fund, or visit Room 21, Willard Straight Hall.

Awards Enable Students To Participate in 'Digs'

The Intercollege Concentration in Archaeology at Cornell has awarded Jacob and Hedwig Hirsch Scholarships to 11 students to enable them to participate in archaeological excavations this summer.

The winners, who will join excavations in many parts of the world, are:

Elaine Bernruther, who will go to Texas; Charlie Cleveland, to Cyprus; Joan DeCosta, Washington; Susan Duhon, New Mexico; Geoffery Gyrisco, England; Walter Scott Gorton, Mexico; Fritz Hemans, Yugoslavia; Phyllis Martin, Netherlands; John Miller, Crete; Susan Pollock, Cyprus and Ilene Beth Sterns, Cyprus.

The projects are as varied as the students' interests although all will involve a broad exposure to the many different aspects of archaeological field work. The concentration hopes that assisting students in gaining experience on excavations at an early stage in their academic careers will not only make their course work in archaeology at Cornell more meaningful, but will help them qualify for positions on other excavations in the future. Several students who received concentration support last year have paid positions on excavations for this summer.

Alcoa Gives University 5 Scholarship Grants

Cornell has received five scholarship grants of \$750 each for undergraduate studies in the fields of mechanical, metallurgical, electrical, industrial and chemical engineering from the Alcoa Foundation.

The grant, applicable to the 1974-75 school year, continues a scholarship program established at the University by the Alcoa Foundation in 1959. The recipient of the award is to be designated by the departments involved. Current holders of last year's scholarship awards are Douglas R. Smith, Bernard J. Lint, Dexter Dyer, Timothy C. Metcalf and John S. Winter.

Alcoa Foundation was created as a nonprofit, private foundation by a grant from Aluminum Co. of America in 1952. Investment of the original company contribution by Alcoa Foundation provides the income for education, civic, charitable, scientific, medical and literary contributions, which have totaled more than \$25 million since 1952.

All-Gershwin Concert to Be Given



Isaiah Jackson

The Faculty Committee on Music at Cornell will present a special extra concert to cap off one of the most successful seasons in the history of the Bailey Hall Concert Series at 8:15 p.m. Sunday, May 5.

The Rochester Philharmonic Orchestra will give an all-Gershwin concert to celebrate the 75th anniversary of the composer's birth. The orchestra will be conducted by its associate conductor, Isaiah Jackson, with guest pianist, Natalie Hinderas.

This special concert will be presented to the Cornell Community in appreciation of its great response to this year's concert series, according to members of the Faculty Committee on Music.

Formed 51 years ago, the Rochester Philharmonic is among the nation's 10 oldest orchestras. Operated and supported by the Rochester Civic Music Association, it currently performs 150 concerts each year during its 38-week season.

Tickets for the special concert are on sale at the Lincoln Hall and Willard Straight Hall ticket offices and at McNeil Music.

Join A Board!

EMPLOYEES, FACULTY, and GRAD STUDENTS:

Represent your interests on the Cornell University Hearing Board, Review Board, Traffic Boards, Union Board of Governors, Graduate Activities Funding Commission and Student Academic Travel Funding Commission.

Apply for a voting position on one of these Boards at the Senate Office, 133 Day Hall, by noon, Monday, April 29.

Unique Medical Gadgets Donated

A unique collection of medical diagnostic instruments has been given to Cornell Medical College by Dr. Philip Reichert, executive director emeritus and historian of the American College of Cardiology. The gift marked the 50th anniversary of Dr. Reichert's graduation from the Medical College.

The collection is unique in several ways. Unlike other collections of medical apparatus, Reichert emphasized diagnostic devices rather than surgical tools. Secondly, most of the instruments, including an original

sphygmograph (a device for measuring blood pressure and pulse rate, circa 1857), have been put into working order by Dr. Reichert. He has also arranged the collection into chronological order to show the development of method and improvements in techniques.

The collection will be permanently housed in the Medical College's Faculty Conference room and will be maintained by the Medical Archives of the New York Hospital-Cornell Medical Center.

Employees' Education Furthered

Continued from Page 1

although it must be central to a career the employee expects to undertake in the near future. The program must also be beneficial to the needs of both the employee and the University. (All full-time non-academic employees, all full-time academic employees without faculty voting status, and all ROTC personnel without faculty voting status are eligible for the degree program after at least one full year of University service. An employee accepted into the degree program is allowed at least one academic term at half-time employment in order to fulfill the

residency and/or thesis requirements for the degree. During this period, the employee received pro-rated pay. The employee's department assists the employee in scheduling this released-time, and the employee continues to receive most of the benefits accorded a full-time employee. For all degree programs undertaken in any Cornell division, the University relieves the employee of payment of the general fee and waives all residual tuition costs after applying any support available through the New York State Scholar Incentive Plan for which the employee may be eligible.)

Of the 20 persons currently enrolled, 15 are actively engaged in course work, independent study or thesis research for bachelor's, master's or doctoral degrees. Three of the 19 persons having completed degrees under the program are women. An additional five men are still enrolled but have temporarily suspended their programs.

Cornell employees may also enroll in *Empire State College*, a unit of the State University of New York, which awards both bachelor and associate degrees. This degree program awards college credit for knowledge acquired outside the formal classroom. Degree candidates receive advanced standing towards a degree by compiling portfolios giving evidence of the preparation in their field of study and then work for their degrees by taking courses at local universities or colleges, or through correspondence courses or independent study. A degree can be awarded after a minimum of six months' study in Empire State College.

Employees who would like more information on the University's educational programs should contact Thomas, Training and Development Section, Personnel Services, B-12 Ives Hall by telephoning him at 256-4869.

Spanish Contest Held

Cash prizes of \$100 will be awarded the winners of an oral and written competition in Spanish to be conducted 7 p.m. Thursday, May 2 in Room 281 of Goldwin Smith Hall. There are various competitions available to undergraduate students in the Arts College, College of Engineering. There is also a prize for Latin American students for excellence in English.

The prizes are part of the J.G. White Scholarship and Prize Fund established in 1914. Students interested in competing should sign up at the office of the Dean of The Faculty, 315 Day Hall before Tuesday, April 30.

Also from the same fund three \$500 scholarships will be awarded to students, based on recommendations by professors of Spanish language and literature and the student's academic record. These recommendations should be submitted before May 1 to Professors Urbain J. De Winter, Department of Romance Studies, 278 Goldwin Smith or Margarita A. Suer, Department of Modern Languages and Linguistics, 217 Morrill Hall.

Faculty Appointments, Promotions

Melvin J. Goldstein, a member of the Cornell faculty since 1959, has been promoted to professor of chemistry in the College of Arts and Sciences' Department of Chemistry, effective July 1.

Goldstein's research publications in organic chemistry have been recognized for their practical exploitation of physical theory — both in the discovery of new reactions and in the assembly of new molecular structures. Of these efforts, some were directed toward an understanding of reaction mechanisms hidden within an often puzzling chemical transformation. He has particularly emphasized the use of isotopes to determine component elementary steps of a complex chemical reaction and then to describe the molecular

motions in each such step.

A second interest has been the construction of entirely new and highly symmetrical hydrocarbon molecules and ions, so chosen as to reveal the areas of strength and of weakness in contemporary theory. His research was supported by grants of the National Science Foundation, the Petroleum Research Fund of the American Chemical Society, the National Institutes of Health, and the Environmental Protection Agency.

Archaeologist *Thomas F. Lynch*, has been elected a professor in the Department of

Anthropology at Cornell, effective July 1.

A member of the Cornell faculty since 1964, Lynch has worked extensively on excavations in Idaho, Spain, Ecuador and Peru, where he recently discovered the oldest known remains of cultivated beans. The beans were dated by the radio-carbon method to be 7,680 years old, plus or minus 280 years.

Lynch heads the University's concentration in archaeology, a joint effort of the College of Arts and Sciences, the College of Architecture, Art and Planning, the College of Agriculture and Life Sciences, and the College of Engineering.

Martin F. Semmelhack, assistant professor of chemistry at Cornell since 1968, has been promoted to associate professor, effective July 1.

Semmelhack is a specialist in organic synthesis. His research at Cornell has centered on the use of organo-metallics and electrochemistry in the synthesis of rare but important molecules. The results of this research include the total synthesis of cephalotaxine, a rare anti-leukemia agent. These same methods may also later be applied to the production of other needed commodities.

In December, he was awarded one of only 16 Dreyfus Foundation teacher-scholar grants for 1973. He has also

Walker, Math Teacher Here 40 Years, Named Emeritus

Robert J. Walker, a specialist on algebraic geometry, numerical analysis and rocket research and development, has been appointed professor of mathematics, emeritus, of Cornell effective on his retirement July 3, 1974.

Walker had been on the Cornell faculty for almost 40 years. After serving as an assistant in mathematics at Princeton University for a year, he came to Cornell as an instructor in mathematics in 1935. He was promoted in 1948. He also served as chairman of the Department of Mathematics from 1950 to 1961.

A native of Pittsburgh, Pa., Walker was graduated from Duquesne University High School. He received his bachelor of science degree from the Carnegie Institute of Technology in 1930 and his doctorate from Princeton in 1934.

His association with rocket research began during World War II; after the war, he continued for a time to serve as a consultant to the government and industry.

Walker is also noted for his research on the application of computers to mathematical education. He is the joint author of two experimental texts, "Calculus—A Computer Oriented Approach" and "Engineering Mathematics." He is also the sole author of the textbook, "Algebraic Curves," and various articles in professional journals.

Walker's contributions to mathematics education, however, goes behind the university level. He was chairman of the Committee on 10th Grade Geometry of National Science Foundation School Mathematics Study Group.

Walker, who will be 65 in May, has been active in campus life, serving on the Admissions Committee, the Arts College Policy Committee and the Committee on Academic Records.

Career Calendar

In the fall of 1974 a new test and examination plan will replace the present Federal Service Entrance Examination (FSEE). Those who are on the list of eligibles as of June 1, 1974 and those who take the test between January and May 1974 will automatically have their eligibility extended until December 31, 1974. "All current eligibles will have to recompute in the new test in order to receive employment consideration after January 1, 1975."

won a two-year Sloan research fellowship (1973-75), an Eli Lilly unrestricted grant for young faculty and a Merck Foundation grant for young faculty, as well as five other industrial and foundation grants.

In addition to his teaching and research, Semmelhack is also the director of the Mass Spectrometer Service Facility and a member of the Academic Records Committee. He served on the Arts College Admission Selection Committee from 1969 to 1972.

Elliot L. Elson has been promoted to associate professor of chemistry in the College of Arts and Sciences, effective July 1.

Elson is a specialist in biophysical chemistry and has written or coauthored 15 articles in the area. Most recently, he coauthored a two-party series on "Fluorescence Correlation Spectroscopy" (1974). He received the National Institutes of Health (NIH) Career Development Award in recognition of his contribution to research, as well as an NIH research grant.

Elson has been active in the Cornell community. He is currently a faculty member of the University Senate and the Biophysics Advisory Committee. He has also served on the Premedical Advisory Committee and was a member of the Third University Senate.

Robert W. Everett has been promoted to associate professor

of animal science at the New York State College of Agriculture and Life Sciences, effective July 1.

The genetics of animal breeding has been the focus of much of his teaching and research. He also works closely with the dairy herd improvement and artificial insemination programs at Cornell in an effort to improve the accuracy of dairy herd records.

A native of Somerville, N.J., Everett received the B.S. degree from the National Agricultural College in Doylestown, Pa., and studied for his M.S. and Ph.D. degrees at Michigan State University.

Elected

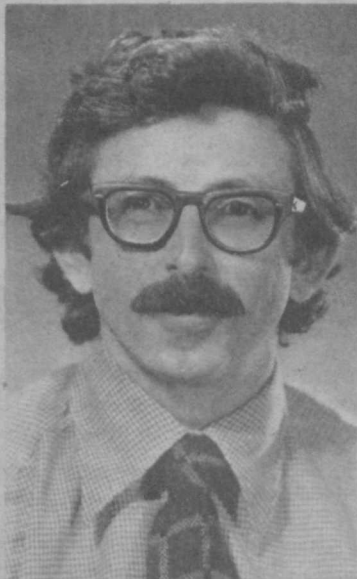
Continued from Page 2

Engineering, a position he occupied for 17 years. In 1963 he became the first director of Cornell's Center for Applied Mathematics. He holds a bachelor of aerospace engineering degree from the University of Minnesota (1934) and a doctoral degree from the California Institute of Technology (1938).

Widom joined the Cornell faculty in 1954 after serving for two years as a research associate at the University of North Carolina. He received his bachelor of arts degree at Columbia University in 1949 and his doctor of philosophy degree at Cornell in 1952. He is a specialist in the field of physical chemistry.

Math Contest

The first annual Henry Alfred Hoover Freshman Calculus Competition will be held Wednesday, May 1 in Goldwin Smith C. The competition is open to all registered freshmen; students finishing one year of college calculus are urged to compete in the two-hour examination. The Department of Mathematics will award three prizes: \$50, \$30 and \$20. Students may register for the competition in room 125 White Hall on or before April 30.



Thomas Lynch

Schedule of Recreational Hours At Barton, Teagle, Helen Newman

BARTON HALL

(For Use By Women)

Monday through Friday, 11 a.m.-1 p.m.
Monday, Tuesday, Friday, 1 p.m.-4:15 p.m.
Monday through Friday, 7 p.m.-10 p.m. (1 volleyball court, 1 basketball court, Mon.-Thur.)
Tuesday, Thursday, 10 p.m.-11 p.m. (1 volleyball court, 1 basketball court)

TEAGLE POOL

(For Use By Men)

Monday through Friday, 12 noon-1:30 p.m.
Monday, 7:30 p.m.-10 p.m.
Saturday, 2 p.m.-5 p.m.

(For Use By Men And Women)

Tuesday, 7:30 p.m.-11 p.m.
Thursday, 9:30 p.m.-11 p.m.
Friday, 7 p.m.-9 p.m.
Sunday, 12 noon-3 p.m.

(For Family Night Use)

Thursday, 7:30 p.m.-9:30 p.m.

TEAGLE GYMNASIUM

(And third-floor weight room)

Available for recreational use by both men and women during evening hours, when not committed for formal programs.

HELEN NEWMAN HALL

(For Use By Women)

Monday through Thursday, 10 p.m.-12 midnight
(Coed by reservation only).

(For Use By Men And Women For Volleyball)

Friday, 7 p.m.-10 p.m.
(For Use By Women And Male Guests)

Saturday, 9 a.m.-4 p.m.

HELEN NEWMAN POOL

(For Use By Women)

Monday through Friday, 9 a.m.-10 a.m.
Monday through Friday, 12:20 p.m.-1:20 p.m.
Monday, Thursday, 7 p.m.-10 p.m.
Tuesday, 10:30 p.m.-12 midnight.
Friday, 7 p.m.-8 p.m.

(For Use By Men And Women)

Monday, Wednesday, Thursday, 10 p.m.-12 midnight.

Friday, 8 p.m.-10 p.m.

Saturday, 2 p.m.-4 p.m.

(For Family Night Use)

Tuesday, 7 p.m.-8:30 p.m.

Book Awards

Two of this year's winners of national book prizes have been affiliated with Cornell. Thomas Pynchon, a 1959 graduate of the Arts College shared the National Book Award for fiction for his novel "Gravity's Rainbow."

In addition, Vladimir Nobokov, who taught Russian literature here from 1948 to 1958, received the National Book Committee's National Medal for Literature. Among the previous winners of this prestigious award was E.B. White, a 1921 graduate of Cornell.

Recent Judicial Decisions

During the weeks of March 18 and 25, seven students accepted summary decisions offered by the Judicial Administrator.

A student admitted having drunk a cup of lemonade at Noyes Lodge without paying for it. He accepted a written reprimand and a fine of \$40 or

15 hours of community service.

A student admitted having falsely reported an incident to the Safety Division, which is a violation of Article II, Section 2.b of the Code. He accepted a written reprimand and a \$40 fine or 15 hours of community service.

A student admitted endangering the person and property of others by setting fire to some paper in the hallway of his dormitory. He accepted a written reprimand and a suspended fine of \$15.

Four students admitted having failed to redeem bad checks that they had cashed at the University Unions. Each accepted a written reprimand and a fine of \$10, with an order to redeem the checks when applicable.

During the above weeks of April 1 and April 15, nine students accepted summary decisions offered by the judicial administrator.

Four students admitted having failed to redeem bad checks after two warnings from the Unions. Three of them accepted written reprimands and \$10 fines, and the fourth received a written reprimand and an order to redeem the check within three weeks.

Two students in two separate cases admitted injuring other students. Each accepted a written reprimand, which was acceptable to the complainant in each case.

Two students admitted attempting to defraud the Co-op Dining program by using an invalid card or by giving food to a student not on the program. Each accepted a written reprimand and a fine of \$25 or 10 hours of acceptable community service.

A student admitted having attempted to steal a book from the Campus Store. He accepted a written reprimand and a fine of \$70 or 28 hours of community service.

Kudos

The Knickerbocker Club in New York City was recently the scene of the presentation of the New York Farmers' Award to Prof. Marlin G. Cline.

The honor, presented by a group of New York professional and businessmen interested in farming and agricultural education, recognized Cline, a professor of agronomy at the New York State College of Agriculture and Life Science, for his contributions to soil science. Oakleigh B. Thorne, president of the Farmers group, made the \$500 award to Cline.

He noted that future generations of soil scientists will owe a great deal to Cline's efforts towards the preparation of the monumental documents "Soil Taxonomy" and the "Soil Survey Manual." As the developer of the original procedures used in the U.S. world soil map, Cline's efforts have been of value to both farmers and city planners.

He has had many special assignments, including responsibility for maximum war-time production in New York

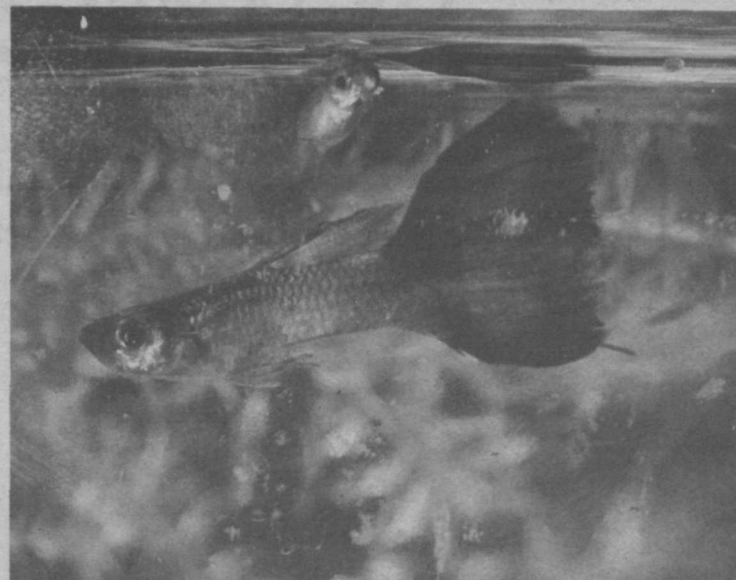
State during World War II, initiation of a world soil map project for the U.S. Department of Agriculture in 1944-45.

Stuart Brown Jr., who recently rejoined the Cornell faculty after serving three years as vice president for academic affairs at the University of Hawaii, has received an unusual honor from the House of Representatives of Hawaii's State Legislature.

The House passed a resolution commending him "for his outstanding service as vice president for academic affairs, University of Hawaii and extending him congratulations and best wishes on his new appointment at Cornell."

A former vice president for academic affairs and former dean of the College of Arts and Sciences at Cornell, Brown returned to the Cornell faculty Feb. 1. He is professor of philosophy and executive director of the Humanistic Implications of Science and Technology Project in Cornell's Program on Science, Technology and Society.

Fish Story



Job Opportunities

Continued from Page 4

Research Associate (2) (Vet College)
Research Associate (Agricultural Engineering)
Research Associate (CRSR)
Research Associate (Natural Resources)
Research Associate (Vegetable Crops)
Research Associate (Agricultural Economics)
Research Associate (2) (LASSP)
Extension Associate (Division of Nutritional Sciences)
Extension Associate (Agronomy & Plant Breeding)
Postdoctoral Associate (LASSP)
Postdoctoral Associate (2) (Food Science)
Postdoctoral Associate (Ecology and Systematics)
Programmer I, A-19 (Personnel Services)
Programmer C, NP-13 (Physical Biology)
Extension Aide (Agricultural Economics)
Research Engineer II (NAIC)
Electrical Engineer A-28 (B&P)
Mechanical Engineer, A-28 (B&P)
Sr. Electronic Technician, A-19 (Biological Sciences)
Synchrotron Operator (2) (Lab of Nuclear Studies)
Senior Plant Operator, A-22 (Chilled Water Plant)
Cook I, A-17 (Dining Services)
Dining Manager, A-21 (Dining Services)
Project Coordinator, A-21 (B&P)
Custodian, A-13 (Statler)
Custodian, A-13 (2) (B&P)
Washer, A-16 (General Services)
Warehouse Manager, A-18 (University Press)
Building Guard, A-15 (2) (Safety Division)
Medical Technologist, A-18 (University Health Service)
LPN (University Health Service)

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

Lab Assistant (Geneva)
Lab Technician, A-15 (Ecology and Systematics (temp. f/t))
Lab Technician II, NP-11 (Vet Pathology (temp. f/t))
Technical Aide Jr., NP-7 (Natural Resources (temp. f/t))
Ticket Office Manager, A-13 (Music)
Temporary Service-Professional (3) (NYSSILR (temp. f/t))
Research Aide (LASSP (Temp. f/t))
Department Secretary, A-13 (Neurobiology & Behavior (perm. p/t))
Senior Account Clerk, A-13 (Electrical Engineering (p/t))
Draftsman (Electrical Engineering (temp. p/t))
Judicial Advisor (Judicial Administrator (perm. p/t))
Data Analysis Programmer (Civil & Environmental Engineering (temp. p/t))
Research Technician (Division of Nutritional Sciences (perm. p/t))
Fish Technician (Natural Resources (temp. f/t))
Cooperative Extension Specialist (2) (Cooperative Extension Administration (Chazy))
Program Aide I, NP-5 (Cooperative Extension Administration (NYC))
Research Associate (Education)
Research Associate (5) (Lab of Nuclear Studies)
Research Associate (Plasm Studies)
Sr. Research Associate (Education)
Postdoctoral Associate (4) (LASSP)
Postdoctoral Associate (2) (LASSP)
Extension Associate (Design and Environmental Analysis)

The Senate Page

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

NEXT SENATE MEETING: Tues., April 30, 7:30 p.m., Kaufmann Aud.

Committee on the University As Employer: Annual Report

Cornell University Senate
April 1974

MEMBERS (numbers in parentheses indicate meetings attended)

Charles Ammeson, undergrad (3), Tom Andrews, student Senator (3), Marvin Barnett, undergrad (4), Irene Brown, employee, Past Senator (13), Sue Dwyer, employee Senator (15), Douglas Fitchen, Faculty, Past Senator, Past Chairman (15), Dominic Versage, employee, Past Senator (18), William Wasmuth, Faculty, Senator (6), Varda Langefeld, employee Senator (Secretary) (19), Frank Esposito, student Senator (vice-Chairman) (9), George Peter, employee, Past Senator (Chairman) (20).

Barnett resigned in September, 1973. Esposito resigned December, 1973 to serve on Executive Committee of Senate. Versage replaced Barnett (Versage was originally a consultant). Andrews replaced Esposito.

CONSULTANTS:

Louise D'Amico, employee Past Senator (13), Margaret Carey, employee (9), Steve Hanzlik, employee, Senator (14), Fred Swader, Faculty Senator (1).

Members of the Committee on the University as an Employer who represent that Committee on University Administration Committees:

George Peter — Personnel Policy and Planning Board; Irene Brown — Personnel Policy and Planning Board Subcommittee on Fringe Benefits Administration; Dominic Versage — Personnel Policy and Planning Board Subcommittee on Training and Personnel Development; Margaret Carey — The Personnel Council; Douglas Fitchen — President's Committee on Student Employment.

CONTENTS:

1. University Administrators who Participated in CUE Discussions

A.H. Peterson, K.D. Keller: Fringe Benefits.

M. Hemmings: 1st draft of a new edition of "You and Cornell"

D.K. Willers, F. Hodgson: Personnel policies especially related to seniority and classifications.

Dean R. Risley: Hayes Committee function and related matters.

K.D. Keller: Children's Tuition Aid.

V.P. Sam Lawrence: Operations Review.

Lance Haus, Robert York: Proposed Parking and Traffic

Regulations.

Maria Emmons: Day Care.

2. Legislative and University Administrative Decisions that Have Had Input From the CUE.

1. D-17-a — An Act to Propose a Bill of Rights.

2. Increase in vacation allowance for long-term employees.

3. New edition of "You and Cornell"

4. Hayes Committee Review and Job Classifications.

5. Tuition Aid.

6. Farah Pants Bill — defeated by the CUE 4-1-1.

7. D-78-a — Dependent Children's Tuition Bill, passed as amended (5-0-0).

8. D-98 — Minimum Wage Bill — tabled (6-0-0).

9. D-41-c — B&P Evaluation, the CUE appointed Hanzlik and Hade to the Senate Special Committee.

10. D-56-b — a bill to provide for an employee to be elected by employees to serve as a Cornell Trustee. The vote was unanimous.

11. D-128 — a bill to allow for fines to be deducted from employee salaries without due process of law. The CUE was able to at least temporarily halt this legislation before it was sent to the Senate.

12. D-155 — This legislation to correct the damage created by D-128 was passed 4-0-1. D-155 calls for the deletion of the offensive parts of D-128.

3. Meeting Dates and Agenda

April 17 — Election of officers and planning session.

April 24 — Committee reports and study of D-17 — a Bill of Rights.

May 8 — Committee reports and assignments; also discussion of proposed change in vacation benefits.

May 15 — Guests: A.H. Peterson — K.D. Keller — Vacation benefits.

June 19 — Guest: M. Hemmings — "You and Cornell" rough draft.

Sept. 4 — Committee reports.

Sept. 11 — Guests: D.K. Willers; F.R. Hodgson — Classification, seniority, proposed yearly job evaluation.

Sept. 25 — Discussion of Senate proposed legislation on B&P investigation, Farah Pants boycott, and status of Tuition Aid policy draft.

Oct. 2 — Guest: R.F. Risley, V. Provost — New vacation benefits. Hayes report.

Oct. 9 — Guest: M. Wolfson, Counsel's Office — Farah Pants Bill — defeated 4-1-1 but later was passed by the 4th Senate.

Oct. 23 — Guest: K.D. Keller -

discussion of the children's tuition bill — D-78. After much debate no action was taken for lack of information concerning costs and inability to reach an agreement on content of the bill. Most were in favor of an improved equity between exempt and non-exempt employees.

Nov. 6 — Children Tuition Aid Bill D-78 — More information was presented. Arguments for and against the present content of the bill were made but no final decision was reached.

Nov. 13 — Guest: S. Lawrence (V P Administration) who presented his proposed operations review. It received favorable response from the CUE and he was encouraged to proceed. It was recommended that employee input at all levels be sought.

D-78 was rewritten in committee to address its recommendations to the P P & P B instead of to the Trustees and that the CUE recommendation is to achieve greater equity. It was passed as rewritten 5-0-0.

Nov. 27 — D-98 Student minimum wage bill presented by Senator Haber. It was defeated 6-0-0 on the grounds that it was not within the purview of our charge to act on matters relating to wages. Also discussed was the propriety of the Senate using University monies for paid political ads.

Jan. 29 — Guest: Lance Haus; Robert York — Parking and Traffic Issue. Strong opposition to D-128 was made by the CUE.

Senate Calendar

THURSDAY, APRIL 25

FCR-Senate Bill of Rights Committee, 4:00 p.m., 201A Olin Library.

MONDAY, APRIL 29

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

TUESDAY, APRIL 30

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

Proposed Agenda

April 30, 1974

Kaufmann Auditorium

7:30 p.m.

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

Mr. Haus and Mr. York attempted to justify the bill.

Feb. 5 — D-155 a bill to counter the proposals of D-128 was discussed and passed 4-0-1.

Feb. 12 — Annual Hearing. — A letter to Lance Haus was drafted by the Chairman and was amended by the committee and voted 5-0-0 to be sent. The letter outlines the "dangers and improprieties" of D-128.

Feb. 19 — Guest: Maria Emmons — a report of present status of a C.U. sponsored day care center. Most members support the idea in principle but think that priorities for fringe benefits should be decided by the employees. A report was made by some of the people who had been transferred from the Statutory to the Endowed payroll thus losing accrued State retirement benefits. (See recommendations to the next committee IV-8).

March 5 — A draft of a memo to William Gurowitz, (VPCA) was presented by the chairman. After amendments were made it was unanimously voted to send the letter. In essence the CUE has opposed the tactics used by whoever arranged to initiate action by the state legislature on the recommendations of the Subcommittee on Parking and Traffic before the proposal had

4. Committee on Committees Nominations for Boards.

5. E-36-a — AMENDMENT TO SA-230 (1974-1975 Campus Life Budget) (30,3). * (Amendments must be confined to New Programs already approved and must keep the total allocation constant.)

6. E-31 — AN ACT TO ESTABLISH A SLIDING SCALE OF TRANSCRIPT FEES (10,2).

7. E-45 — POLICIES AND PROCEDURES FOR AGENCY FOR EDUCATIONAL INNOVATION (30,3).

8. E-46 — THE DINING PRICES SUPERVISION ACT (15,2)

9. Adjournment.

gone to the Campus Life Committee, and before it had gone to the CUE, and before it had been voted on by the Senate. The CUE took strong exception to this procedure and has urged that a reversal of that action be instigated.

4. Recommendations to the CUE of the Fifth Senate:

1. Study annual report of the CUE of the Third Senate dated April 1973 as well as the report of the CUE of the Fourth Senate, April 1974.

2. Attempt to maintain continuity wherever possible with committee assignments to represent the CUE.

3. Attempt to maintain communications with activities of above mentioned committees and with employees serving on Senate Committees.

4. Study "You and Cornell" and make appropriate recommendations to the Department of Personnel Services for the next revision.

5. Encourage the administration to pursue policies, especially on fringe benefits that reflect the employee wishes rather than what the administration thinks is best for the employee.

6. Continue to investigate the disposition of D-155 passed by

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Senate Actions—April 17, 1974

(The full texts of all Senate actions are available in the Senators' Study, 124 Day Hall.)

BILL NO. & DATE SUB.	ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
E-37 4/15/74	This act would seek to deny "athletic ability" a special status in the Cornell University admissions process.	Harold Levy	Phys. Ed. & Athletics

Current Legislative Log

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

SA NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-256	CANCELLATION OF REGULARLY SCHEDULED SENATE MEETING [Cancellation of April 23, 1974 Senate Meeting].		ADOPTED
SA-257	COMMITTEE NOMINATIONS TO THE FIFTH CORNELL UNIVERSITY SENATE [Nominations to fill committees for the 5th C.U. Senate].	Committee on Committees	ADOPTED AS AMENDED
SA-258 [E-32-a]	BYLAWS AMENDMENT — PROCEDURE FOR ELECTION OF EMPLOYEE TRUSTEES [This act adds a Title XVII to the Bylaws — such as to provide election procedures for employee trustees.]	S.J. Hanzlik	ADOPTED AS AMENDED
SA-259 [E-33]	SUBPOENA POLICY AND RESPONSE ACT [Recommends that the University take immediate steps to have the state legislature incorporate privileged nature of the counseling relationships, as it occurs within the University setting, incorporated into New York State law.]	Carl Feuer	ADOPTED AS AMENDED

Annual Report of the CUE

Continued from Page 10

the Senate. Pressure the Administration to follow the recommendations of that legislation.

7. Keep close contact with the Parking and Traffic Subcommittee and remind the CLC that any proposed legislation handled by that committee or its subcommittees which may effect employee working conditions should be submitted to the CUE as a secondary committee.

8. Study the incident of Statutory employees being transferred to the Endowed payroll thus losing State fringe benefits. A preliminary hearing indicated that a policy was adopted by the Administration for the purpose of effecting

economy without any consideration given to long term employees who had but a few years left toward State Retirement benefits. Furthermore it appears that exceptions were made in a few cases only and that a uniform policy for choosing the exceptions was not established. This has not been investigated in detail because it was brought to our attention at the end of this committee's term. Attempt to seek from the administration a uniform policy that is publicized in advance of any further steps toward economization.

9. Solicit a more positive statement from the administration concerning employees on the Senate and its committees.

10. Follow through on the disposition of all other bills passed by the CUE.

Recommendations to Cornell University Administration:

In the interest of good management practices the CUE makes the following recommendations to the Administration:

1. Improve communications between the administrative policy decisions and the employee.

2. Take steps to acquaint more Deans, Directors, and Department Heads to leadership training courses in accepted and progressive management practices. To train middle management without exposing top management to the same education is fruitless.

3. The CUE supports the operations review as outlined by V.P. Sam Lawrence.

4. The CUE commends the administration for soliciting input from the CUE on the PP&PB and its subcommittees and other President's committees.

5. The CUE encourages the Administration to seek out more and more input from employees on various community concerns.

6. The Senate CLC Subcommittee on Parking and Traffic should solicit more representation of employees. That subcommittee should solicit input from the CUE before it passes on any serious recommendation to the CLC.

7. The CUE strongly urges that policies and recommendations that will have direct or indirect effect on employees, should be brought to the attention of the CUE before action is taken.

8. There is evidence that some employees continue to be inhibited from serving on the Senate and its committees. The CUE recommends that a clear and positive statement on employee participation in the Senate and its committees be circulated to all personnel.

Barton Blotter

Purses, Plant, Gas

Wallets and purses containing cash, plus some articles of furniture, clothing, a plant, gasoline and cameras are among items reported stolen this week in Safety Division morning reports.

In addition, a window was broken in Uris Library and a door was broken open and some marking tape taken from a utility shed at the Cascadilla Tennis Courts.

Thefts include a plant about three feet tall from Room 115 of Olin Library; a gallon glass jar containing cash donated during the Folk Festival in Barton Hall; a camera and tape deck from a room at The Oaks; a purse containing cash and credit cards from a room in Noyes Center; about 10 gallons of gasoline from a car parked in the Pleasant Grove Apartments parking area.

Cornell Theatre Presents

One of the greatest mythical tragedies coming down to us from the Greek Sophocles is the story of "Oedipus." The Cornell University Theatre presents Seneca's adaptation written five hundred years after the original for the Romans of Nero's time, in a modern English translation by British poet Ted Hughes. Opening tonight, in the Willard Straight Theatre, performances will continue through Sunday and Thursday through Saturday, May 2-4, with an 8:15 p.m. curtain.

Tickets may be purchased in advance at the Willard Straight Theatre Box Office, lower floor of the Straight, open from 12:00 to 3:00 p.m. Monday through Friday. Call 256-5165 during Box Office hours for reservations.

Calendar

Continued from Page 12

8 p.m. Lecture: Yuri Handler and Carl Gershman on the Soviet Dissident Movement. Uris G92. Sponsored by the Young People's Socialist League.

8 p.m. Mu Epsilon Delta Film: "Organic Brain Syndrome Recognition, Diagnosis, Management." Goldwin Smith D.

8 p.m. Lecture: "Women and Legislation." Ives 120. Sponsored by the American Home Economics Assoc.

8 p.m. University Lecture: "The Unveiling of Aphrodite" by Brunild S. Ridgway, Prof. of Classical Archaeology, Bryn Mawr College. Kaufmann Auditorium.

8:15 p.m. Music Dept. Concert: Music of Burrill Phillips. Barnes Hall.

Thursday, May 2

12:20 p.m. Natural Resources 111: Environmental Film Review: Destruction of Human Cultures: "Ishi In Two Worlds" (1968, 19 min.); "A Fire" (1969, 18 min.); "Sky Chief" (1970, 28 min.). 304 Fernow Hall, repeated at 7 p.m. in 101 Bradfield Hall.

6 p.m. "Table Francaise" - Ice on Parle Francais. Ivy Room.

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

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

8 p.m. Free Film presented by Dobro Slovo. Memorial Room, Willard Straight Hall.

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

8 p.m. North Campus Union Free Film Series: "Die Nibelungen, Part I & II. (1923). Silent Film. Multi-purpose Room.

8:15 p.m. "University Theatre production. "Oedipus." Willard Straight Theatre.

8:15 p.m. Music Dept. Concert: Agnes Vadas, violin; Sonya Monosoff, violin and viola. Works of Mozart, Spohr, Bartok, and Prokofieff. Barnes Hall.

Exhibits

Herbert F. Johnson Museum: Arnold Singer: Prints - to April 28. Cornell Collects Modern Art: Paintings from the collection of the Johnson Museum - to summer. Le Corbusier at Pessac: Models and photos of the Swiss architect's project - to May 15. Richard Ruben to May 12.

History of Science Collections. Recent Acquisitions (changed monthly). 215 Olin.

Sibley Dome Gallery: Sculpture by Richard Botwin, Graduate Thesis presentation - Apr. 27. Paintings and Prints by Marianne Lent, Graduate Thesis presentation - April 29-May 4.

Olin Library: "Petrarch: A Sexcentenary Celebration." Uris Library: "American Institute of Graphic Arts, Fifty Books of the Year." Open to April 29.

Franklin Gallery: Katrina Vanderlip - Cathy Gins - April 29-May 4; Alan Singer - Thesis Show - May 6-11.

Willard Straight Art Lounge: Paintings by Stephen Smalley - to May 3.

Bulletin Board

Con Ed Exec. Discusses Energy Crisis

Louis H. Roddis Jr., vice chairman of Consolidated Edison Company of New York (Con Ed), will discuss the role of electricity in solving the nation's future energy problems in a public lecture at 2:30 p.m. Tuesday in 101 Phillips Hall.

Roddis will review the status of the electric utilities industry in its ability to meet demand, given impinging political, environmental and technical considerations. Economics of energy production and the problems associated with financing additional capacity will be highlighted in the lecture.

Roddis' talk, which is sponsored by the University Lecture Committee, is the ninth in a special spring term series, "Energy Policy: Issues and Options," organized by the College of Engineering and the Program on Science, Technology and Society.

Duo Violin Recitals

Faculty violinists Sonya Monosoff of Cornell and Agnes Vadas of Ithaca College will combine talents to present two duo recitals next week.

At 8:15 p.m. May 2, they will make their first appearance in Barnes Hall on the Cornell campus. The program will be repeated at Ithaca's School of Music at 8:15 Saturday, May 4. The public is cordially invited to both performances.

Vadas will be featured as violinist and Monosoff as violist in the Duo for Violin and Viola in B flat Major by Mozart. As duo-violinists they will perform Duo for Two Violins in D Major by Louis Spohr and Sonata for Two Violins by Prokofieff. From the 44 Violin Duets of Bela Bartok, they will play five pieces inspired by folk music of Central Europe.

Seminar on International Tourism

A group of graduate students in the School of Hotel Administration at Cornell will sponsor a seminar entitled "Social Ethics: Dialectics of International Tourism" on May 2, in the Taylor Room, Statler Hall, at 7 p.m.

The idea for the seminar, according to the student group, has grown out of a recognition that international tourism analysis has traditionally centered on economic aspects, much to the neglect of social and cultural considerations, and that there is a need to redress this imbalance. The program for the seminar will be designed to promote an analysis of costs and benefits prior to international tourism development in any specific geographic area.

NIH Research Career Development

The NIH is currently accepting applications in the Research Career Development Program. Awards in this program are made to foster the development of promising young scientists with outstanding research potential for careers of independent research in the sciences related to health. Institutions may apply for awards on behalf of individuals who have had three or more years of relevant postdoctoral experience. The applicant must be a citizen or national of the United States or have been lawfully admitted as a permanent resident. The candidate must be less than 40 years old on the day the application is received by the NIH.

Applications must be received at the NIH no later than June 1, 1974 for the current competition. Awards will be announced by January 1975. Subsequent deadlines for Fiscal Year 1975 will be announced later.

For additional information, please contact the Office of Academic Funding, 123 Day Hall, telephone 6-5014.

Several NSF Programs Announced

The Office of Academic Funding has received announcements from the National Science Foundation of three new programs: Ocean Thermal Energy Conversion, Improved Management of Large-Scale Interdisciplinary Research Projects, and Improved Management of Large Research Laboratories and Large Specialized Research Facilities.

The major goal of the Ocean Thermal Energy Conversion program (under NSF's RANN directorate) is to design and test optimized power systems for large (100 Mwe or larger) floating ocean thermal power plants. There are also funds available for innovative research on the technologies and related problems associated with the conversion of ocean thermal energy. Deadline for response on the test program is May 7, 1974; for other research July 9, 1974.

The objective of the other two Research Management Improvement Program solicitations are to enhance the management and effectiveness of Federal funds for research at universities, colleges, and other nonprofit institutions. Large scale interdisciplinary projects are those involving interaction among several disciplines, in one or more institutions, or in one or more regional systems. Large scale research laboratories or facilities are those receiving at least \$1,000,000 in Federal funding. The proposal deadline for these two management programs is May 20, 1974.

Detailed information on the above programs is available at the Office of Academic Funding, 123 Day Hall.

Calendar

April 25 - May 2

Thursday, April 25

12:15 p.m. DEA Seminar: Mr. Haas Hargrave, Vice President, The Gunlocke Company, Wayland, N.Y. "Design in the Marketplace." 317 Martha Van Rensselaer Hall.

12:20 p.m. Natural Resources 111: Environmental Film Review: Endangered Species. "Prairie Killers" (1970; 30 min.) "Think Like a Mountain" (1972; 28 min.). 304 Fernow Hall. Repeated at 7 p.m. in Bradfield Hall 101.

2:30 p.m. A Conference Concerning Historical Thought in America. "Perplexities About Relativism." J.H. Hexter, Yale University. "The Controversy Over Scientific History." W.O. Aydelotte, University of Iowa. Moot Court Room, Myron Taylor Hall.

3:30 p.m. Public Seminar Series: "Perceptions of Residents in the Region," Northern New York/Lake Champlain. Peter H. Gore, Assistant Professor of Sociology & Environmental Science, Institute for Man and His Environment, SUNY-Plattsburgh. Riley-Robb 400.

4:30 p.m. Food Science Seminar: "Stability of Staphylococcal Enterotoxin A In Response to Biological Stress and Other Microenvironmental Factors." Rick Chordash, Graduate Research Assistant, Dept. of Food Science, Cornell. 204 Stocking Hall. Refreshments at 4:15 p.m.

4:30 p.m. University Lecture: "Energy and the Environment: Cause and Effect, Myth and Reality." Stanley M. Greenfield, Asst. Administrator, Environmental Protection Agency. 101 Phillips Hall.

4:30 p.m. American Society of Bioengineers Meeting. Important that all interested attend, this is an election meeting. 203 Thurston Hall.

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

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

6 p.m. "Table Francaise" - Ici on Parle Francais - Ivy Room.

7:30 p.m. Organizational Meeting for The Class of '75. Ives 215.

8:00 p.m. *Concert presented by the Cornell Rock and Roll Society. Memorial Room, Willard Straight Hall.

8 p.m. Free films and discussion: "Loose Bolts" and "Work." The problems of alienation and the quality of work in America. The Storefront. Sponsored by the Human Affairs Program.

8 p.m. A Conference Concerning Historical Thought in America. "The Expectations of History." C. Vann Woodward, Yale University. Moot Court Room, Myron Taylor Hall.

8 p.m. Cornell Linguistics Circle lecture: "The AUX in Romance." Professor Frederick B. Agard, Cornell. Morrill 106.

8 p.m. University Lecture: "Status of Women in America in 1974." Elizabeth Duncan Koontz, former Director, Women's Bureau, Dept. of Labor. 110 Ives Hall. Open to the public.

8 p.m. Plant Pathology Public Lecture Series: "Mycoplasmas as Casual Agents of Plant Disease." Dr. Joseph F. Worley, Agricultural Research Service, U.S. Dept. of Agriculture, Beltsville. 101 Bradfield Hall.

8 p.m. Panel Discussion. Kaufmann Auditorium. Sponsored by the Cornell International Affairs Assoc. (changed from Memorial 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. North Campus Union Free Film Series: "Fires Were Started" (1943). Directed by Humphrey Jennings (documentary) & "Tight Little Island" (1948). Directed by Alexander MacKendrick, with James Robertsen Justice, Joan Greenwood. Multipurpose Room.

8:15 p.m. *University Theatre Production. "Oedipus." Willard Straight Theatre.

8:15 p.m. Music Dept. Concert. Robert Weiner, oboe. Works of Beethoven, Israel, Schumann, and Thayer. Barnes Hall.

8:30 p.m. Israeli Independence Day Celebration, Concert by Chedva & David. Anabel Taylor Auditorium. Followed by Israeli Folk Dancing in One World Room.

Friday, April 26

10 a.m.-5 p.m. First Annual Junk Sale. Memorial Room, Willard Straight Hall. Sponsored by Willard Straight Board.

12 noon-8 p.m. Roten Galleries Art Exhibit & Sale. 1st floor lounge, North Campus Union. Sponsored by the North Campus Union Board.

12:15 p.m. Cornell Women's Studies Program Sandwich Seminar. "Contemporary Black Women Writers." Bettye Parker, Instructor, Africana Studies. 105 ILR Conference Center. Open to public. Bring your lunch; coffee available.

1:30 p.m. Conference Concerning Historical Thought in America: "Forms of Uncertainty: Representation of Doubt in American Histories." David Levin, University of Virginia. And "In the Mind of the Common Man: The Popular Historical Vision." Warren Susman, Rutgers University. Moot Court Room, Law School.

4 p.m. Western Societies Program Seminar. Ira Katznelson, political scientist at Columbia University will speak on "Some Political Impacts of Black Migration in Britain." Uris Hall, Room 153.

4-9 p.m. New York State Secondary School Organization, Inc. Delegates Meeting. Goldwin Smith C.

4:15 p.m. Freshman Baseball - Lackawanna JC.

6:15 p.m. Shabbat Eve Service. Founders Room, Anabel Taylor Hall.

7 & 9:30 p.m. *Cornell Cinema Film: "Z" directed by Constantin Costa-Gavras, starring Yves Montand and Jean-Louis Trintignant. Uris Auditorium. Open to the public.

7 & 9:15 p.m. *Cornell Cinema Film: "And Now For Something Completely Different," starring Monty Python and group. \$1.00. Attendance limited to Cornell Community.

8 p.m. Poetry Reading - Prince of Prose. North Room, Willard Straight. Sponsored by Risley Residential College.

8 p.m. Lecture: "The Emergence of the New Class in Revolutionary Cuba." International Lounge, Willard Straight. Sponsored by the Cuban Cultural and Historical Society.

8:15 p.m. Lecture: "Multinational Corporations" - Harry Magdoff. Ives 110. Sponsored by the Cornell Forum.

8:15 p.m. *University Theatre Production. "Oedipus." Willard Straight Theatre.

8:15 p.m. *Bailey Hall Concert: Boston Symphony Orchestra. Works by Hayden, Schoenberg, and Mahler. Sponsored by the Dept. of Music and the Faculty Committee on Music.

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

8:30 p.m. Folk Song Club Concert: (tentative). Lou and Sally Killen. Kaufmann Auditorium.

9 p.m. Trivia Contest - Final Round. Memorial Room, Willard Straight Hall.

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

Saturday, April 27

9 a.m.-12 New York State Secondary School Organization, Inc. Delegates Meeting. Goldwin Smith C.

9 a.m. Latin American Day. Uris Auditorium. Sponsored by the Latin American Student Assoc.

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

10 a.m. HEALTH CAREERS DAY - Registration 9 a.m. Ives 117. Sponsored by the Black Bio-Medical & Technical Assoc.

Workshops: Dynamics in Inner-City Medicine, The Black Woman in Medicine, Hospital Administration, The Black Medical Student, Veterinary Medicine, High School Preparation in The Pre-Med Studies & Nursing;

Representatives from: Cornell Med School, Columbia, N.Y.U., Upstate, Buffalo, Hershey, New Jersey School of Medicine and Dentistry, Tufts, Tuskegee Veterinary, Howard, and many more. These Medical Schools will be recruiting and conducting the workshops.

Firms will be continuously shown throughout the conference. "The Learning Tree" will be shown at 8 p.m.

The entire Cornell Community is urged to attend, even though not studying in the field of medicine.

12 noon-8 p.m. Roten Galleries Art Exhibit & Sale. 1st floor lounge, North Campus Union. Sponsored by the North Campus Union Board.

12 noon-midnight. Risley Medieval Fair at Risley Residential College. Beer, tournament, plays, magic, a dragon, music, crafts, and more. Open to the Cornell Community and the general public. Rain, snow, or shine. A parade will leave Willard Straight at noon and go through the Arts Quad and North Campus to Risley. Anyone in costume is welcome to join the parade. Official Fair opening will begin at 12:30 with Mayor Conley and others.

11 a.m. *Freshman Lacrosse - Nassau CC. Schoellkopf.

1 p.m. Golf - Army & Columbia. Freshman Baseball - Eisenhower College.

2 p.m. *Varsity Lacrosse - Brown. Schoellkopf.

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

5:15 p.m. & 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. "Z" directed by Constantin Costa-Gavras, starring Yves Montand and Jean-Louis Trintignant. Uris Auditorium. Open to the public.

7 & 9:15 p.m. *Cornell Cinema Film "And Now For Something Completely Different." Starring Monty Python group. \$1.00. Attendance limited to Cornell Community.

7 p.m. The Ted Mock Amateur Hour. Noyes First Floor Lounge. Sponsored by the Noyes Center Board and University Unions.

8 p.m. Lecture: "Cultural Revolution in China" by Prof. Fan, SUNY, Cortland. Uris G08. Sponsored by the New China Study Group.

8:15 p.m. *University Theatre Production: "Oedipus." Willard Straight Theatre.

8:15 p.m. Music Dept. Concert: Levin & McGraw. Four-hand piano recital. Barnes Hall.

9:30 p.m. Risley Free Saturday Night Film Series: "Masque of The Red Death" (1964) Directed by Roger Corman. With Vincent Price.

10 p.m. Tammany Jazz Club and Ice Cream bar. Featuring live jazz entertainment, with *ice cream sundaes while you listen. Risley Hall.

Sunday, April 28

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

9:30 a.m. Episcopal Church at Cornell. Anabel Taylor 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. Professor William Cross of the African Studies and Research Center, Cornell.

4 p.m. *Sage Chapel Concert: Choir of University of Gdansk (Poland).

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 Tournament. Round Robin and singles. Barton Hall.

8 p.m. *Cornell Cinema Film: "State of Siege" directed by Costa-Gavras, starring Yves Montand. Statler Auditorium.

8:15 p.m. *University Theatre Production. "Oedipus." Willard Straight Theatre.

8:30 p.m. Music Dept. Concert. Music from Cornell. Works of Gallagher, Israel, Lindenfeld, Rouse, and Thayer. Barnes Hall.

Monday, April 29

4:30 p.m. Field of Nutrition Seminar: "Effect on Maternal Marginal Lipotrobes on Development of Offspring." Paul M. Newberne. 100 Savage Hall. Coffee at 4:15.

4:30 p.m. Music Dept. Concert: Solo recital by members of Cornell Wind Ensemble. Works of Hindemith and others. Barnes Hall.

8 p.m. *Cornell Cinema Film: "Vivre Sa Vie (My Life to Live)," directed by Jen-Luc Godard, with Anna Karina. Uris Auditorium. Attendance limited to Film Club Members only.

8 p.m. Biology and Society Lecture Series. "Sex Traps for Insects," by Wendell L. Roelofs, Assoc. Prof. of Entomology. Statler Auditorium.

Tuesday, April 30

12-4 & 7-9 p.m. Free Rabies Clinic. Memorial Room, Willard Straight Hall. Sponsored by Willard Straight Board.

2:30 p.m. University Lecture: "The Role of Electricity in Solving the Nation's Future Energy Problems." Louis Roddis, Vice Chairman of the Board, Consolidated Edison Co. 101 Phillips Hall.

4:10 p.m. Freshman Baseball - Ithaca College.

4:30 p.m. Microbiology Seminar. "Myxobacteria." Dr. Howard McCurdy, Dept. of Biology, University of Windsor, Windsor, Ontario, Canada. 204 Stocking Hall. Refreshments at 4:15.

4:30 p.m. Dept. of Geological Sciences Seminar. "Geothermal Energy: The Geopressed Resource Potential" by Dr. S. Kaufman, Cornell. 212 Kimball Hall. Coffee at 4 p.m.

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

7:30 p.m. Food Facts and Fads. "The Food Crisis Controversy." Herrel DeGraff, American Meat Institute. Uris Auditorium.

8 p.m. Film: Documentary Film on Demonstrations in Paris May 1968. Ives 110. Sponsored by Anarchist Information Group. To be followed by a discussion of communist anarchism with members of the Black Rose Collective (Boston).

8:15 p.m. *Bailey Hall Concert: Ithaca College Orchestra - Cornell University Glee Club and Chorus. Thomas Michalak, conductor. Verdi Requiem.

9 p.m. Cornell Cinema Film: (Free) "Storm Over Asia," directed by V.J. Pudovkin. Uris Auditorium.

Wednesday, May 1

4 p.m. Tennis - Brown.

4 p.m. Western Societies Program Seminar. Dr. Wolfgang Stabenow, of the European Community Commission will speak on "Conflict and Cooperation in Regional Policy Making in the Common Market." 153 Uris Hall.

4:15 p.m. Society for the Humanities Lecture: Romila Thapar, Prof. of Ancient Indian History, Jawaharlal Nehru University; Senior Fellow, Society for the Humanities. "Ideology and the Interpretation of Early Indian History." Kaufmann Auditorium.

4:30 p.m. *Varsity Baseball - Ithaca College. *Freshman Lacrosse - Cortland.

4:30 p.m. World Affairs Lecture Series: "The Impact of New Technology on the Stability of Nuclear Deterrence" by Prof. Frank Long, Henry R. Luce Prof. of Science and Society. Ives 117. The fifth of the "General George C. Marshall Lecture Series." Sponsored by the Dept. of Military Science and open to the public.

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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.