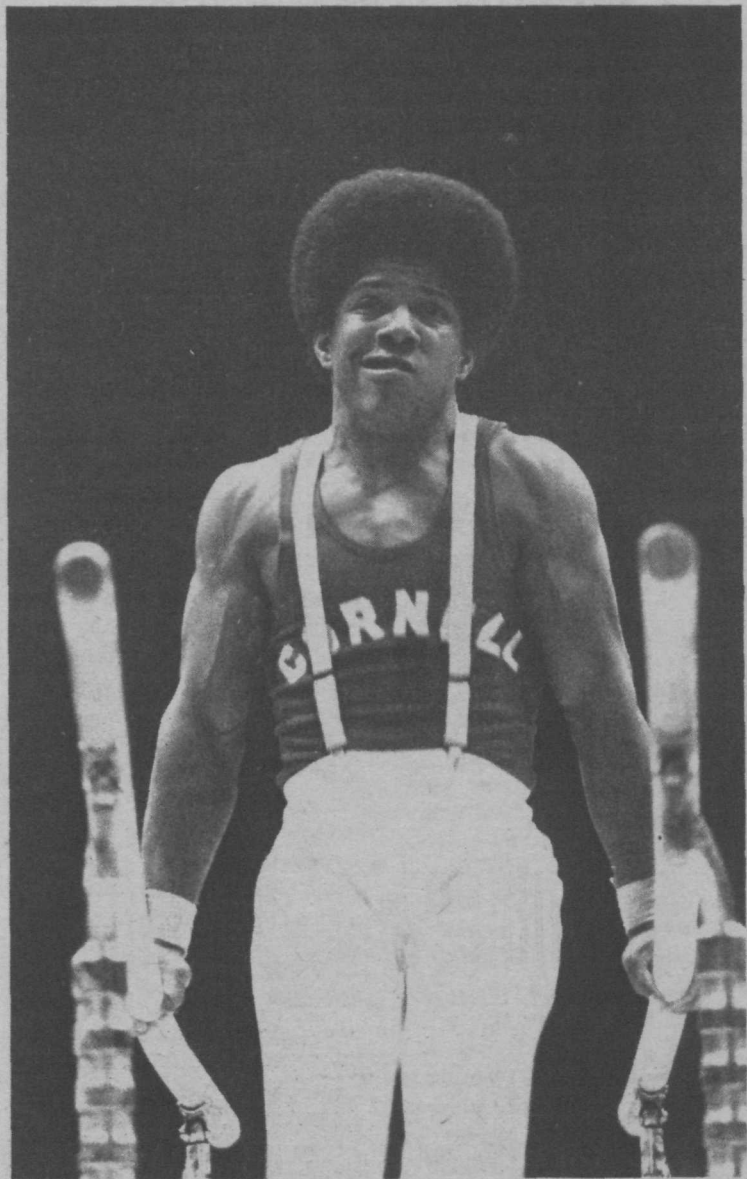




*Think This is Easy?*



On the parallel bars is Brian Dawson, one of the athletes who will represent Cornell in the Eastern Intercollegiate Gymnastics League Championships, being held here for the first time tonight through Saturday. (For more information, see story, page 3.)

## Voters Approve Employee Trustee

Some thirty-one percent of the University community participated in University Senate elections held in February. Results of general elections for 95 Senate seats and on a referendum for an employee member to the Board of Trustees were announced yesterday afternoon by the Senate's Credentials Committee.

By a vote of more than six to one, the students and employees approved the referendum allowing one employee to serve on the Board for a two-year term.

In other Board-related voting, Robert C. Platt, Law School '76, was elected to serve another two-year term as student trustee. He just completed a two-year term in that position elected by the student Senators.

The successful candidates and their constituencies are listed on page 6.

Voter turn-out by constituency was highest in military science, with a 93 per cent response. The poorest showing came from the student constituency, with a turn-out of 27 percent; this figure also represents the voter turn-out for the student trustee election. Thirty-one percent of the employees voted, as did 56 percent of the administrative employees. The librarians registered a 76 percent turn-out.

The employee trustee referendum elicited 5,155 affirmative and 847 negative votes, with 168 abstentions. The total number of eligible voters for the entire University community was 22,248, from whom 6,910 ballots were cast.

No candidates were elected to the non-professorial academics constituency due to the absence of candidates. The same was true for the faculty constituencies of Africana Studies; Art, Architecture and Planning; Industrial and Labor Relations (ILR), and the Law School. Excluding Health Services, the faculty group with the highest voter turn-out was Engineering (tenured) at 68 percent. The lowest, excluding those constituencies without candidates, was Arts (non-

tenured) which tallied 31 percent.

Among the graduate and professional students, Business and Public Administration recorded the highest turn-out at 34 percent, in contrast to a low of four percent in the Veterinary College. Both Law and the graduate students in general reached, approximately, a 25 percent turn-out.

At the undergraduate level, ILR students had a turn-out of 60 percent for the high, while Agriculture showed only a 20 percent voting record for the low.

A statement from Ronald A. Bricker, assistant ombudsman, was read at the credentials committee meeting:

"The Ombudsman's Office will accept and handle challenges to the election of the entire University Senate held on February 19, 20, 21 and 22, 1974, as provided for in Title XI, Section 9, of the Senate By-Laws. We will accept challenges based on allegations of procedural irregularity or improper partiality in the conduct of the election. Such challenges must be brought to the Ombudsman's Office personally or in writing by 4:30 p.m. on March 11, 1974.

"When such challenge is received, we will conduct an investigation and determine if the complaint has merit. If possible, we will make recommendations for the alleviation of legitimate complaints. We will make the report available to the complaining party and the appropriate committees and officers of the Senate."

## Very Reliable Pregnancy Test Developed

A rapid, extremely reliable new test for pregnancy, effective approximately six days after intercourse has occurred, has been developed at The New York Hospital-Cornell Medical Center. The test, developed by Dr. Brij B. Saxena and his associates, is performed by analysis of a few drops of blood from the patient's finger and results are available within an hour. It has proved to be 100 per cent accurate in a series of 150 patients so far evaluated by Dr. Robert Landesman, Clinical Professor of Obstetrics and Gynecology and Attending Obstetrician and Gynecologist at the Center.

Conventional tests for pregnancy are inaccurate to such a degree that many early abortions, or "mini-abortions", are unnecessarily performed, in proportions ranging from 20 to 40 per cent. In addition, these tests do not give readings until between the 8th and 15th day after a missed menstrual period, by which time a more complicated and lengthy abortion procedure is required.

The new test, which can discern the presence of the embryo even before it has become implanted in the uterus, makes possible its removal by menstrual extraction, a suction technique, and a simple and safe procedure which can be performed in five minutes in a doctor's office.

In addition to ruling out unnecessary abortions and facilitating those performed, this early rapid test for

pregnancy has other important medical significance, particularly the early initiation of preventive treatment for obstetric patients who may be at risk, or their unborn infants threatened, from a variety of causes. The earlier that supportive therapy is instituted for these patients, the greater the prospect that a full-term healthy infant can be delivered. In addition, the ability of the test to provide precise dating for the beginning of pregnancy will greatly aid physicians in caring for their patients, even if there are no medical complications.

Since 1972, Dr. Landesman had been concerned about the high rate of false negative results of conventional pregnancy tests and the unnecessary abortions that resulted. He approached various investigators to devise ways of determining in blood specimens the HCG level, which is the specific hormone that appears in early pregnancy. In 1973 he approached Dr. Saxena, Professor of Endocrinology and Biochemistry in Obstetrics and Gynecology and in Medicine, at Cornell University Medical College. For more than ten years Dr. Saxena had been engaged in basic and fundamental research on the isolation, chemistry and function of human pituitary hormones. As an outgrowth of his studies, he has devised a basic research method, called radioreceptorassay. By imaginative application of Dr. Saxena's method to Dr. Landesman's problem, the present procedure, known as

the radioreceptorassay pregnancy test was developed.

According to Dr. Ralph E. Peterson, who is the Director of the Division of Endocrinology at the Center, the development of the test is a classic case of basic research coming to the rescue in solving a clinical problem. "It wasn't just serendipity or happy accident," he points out. "If the basic research had not been going on in the laboratory, the patients in the maternity clinics would not be receiving this benefit. That an answer to a vexing medical problem was found within a period of eight months is, of course, a remarkable achievement."

The basic knowledge gained in these investigations holds other exciting possibilities, according to the two scientists. It may open the door to new and simpler techniques of contraception and may also provide, during the course of a pregnancy, an early warning of spontaneous abortion. It may also provide a tool for early accurate diagnosis of ectopic pregnancy. These applications are currently targets for investigation.

The radioreceptorassay test is available only as a research procedure at the present time; when it is available to the general public it is expected to cost in the neighborhood of \$12, as opposed to present tests which run from \$5 to \$40.

Dr. Saxena's research has been supported by grants from the National Institutes of Health, the Ford Foundation and the Rockefeller Foundation.



## Legendary Spanish Fly Is an Insect Repellent

Primitive societies admired it as an aphrodisiac, men of the Victorian era thought it treated baldness, and modern animal breeders once used it as a stimulant; but the first scientific study of the compound in modern times has revealed that the legendary "Spanish fly" is a potent insect repellent.

Researchers at the New York State College of Agriculture and Life Sciences have found that Spanish fly, which is made from the pulverized corpses of meloid beetles, can serve as a deterrent to a variety of ants and ground beetles.

Prof. Thomas Eisner and James E. Carrel explain in the Feb. 22 issue of "Science" that Spanish fly, scientifically known as cantharidin, is effective at concentrations of less than one part per million, equivalent to one drop in ten quarts of water.

The Cornell researchers suggest that their finding has practical applications, since cantharidin at very low concentrations can control and inhibit certain insect activities.

"Whether less toxic molecular variants of cantharidin might be comparably deterrent to insects, and hence potentially useful as control agents, should be investigated," they said.

In the Cornell experiments, Eisner and Carrel found that cantharidin grossly inhibited insect feeding. Also, beetles and ants that became contaminated with this potent chemical consistently rubbed their small bodies, especially their mouthparts, in the ground in an

obvious effort to cleanse themselves of the Spanish fly.

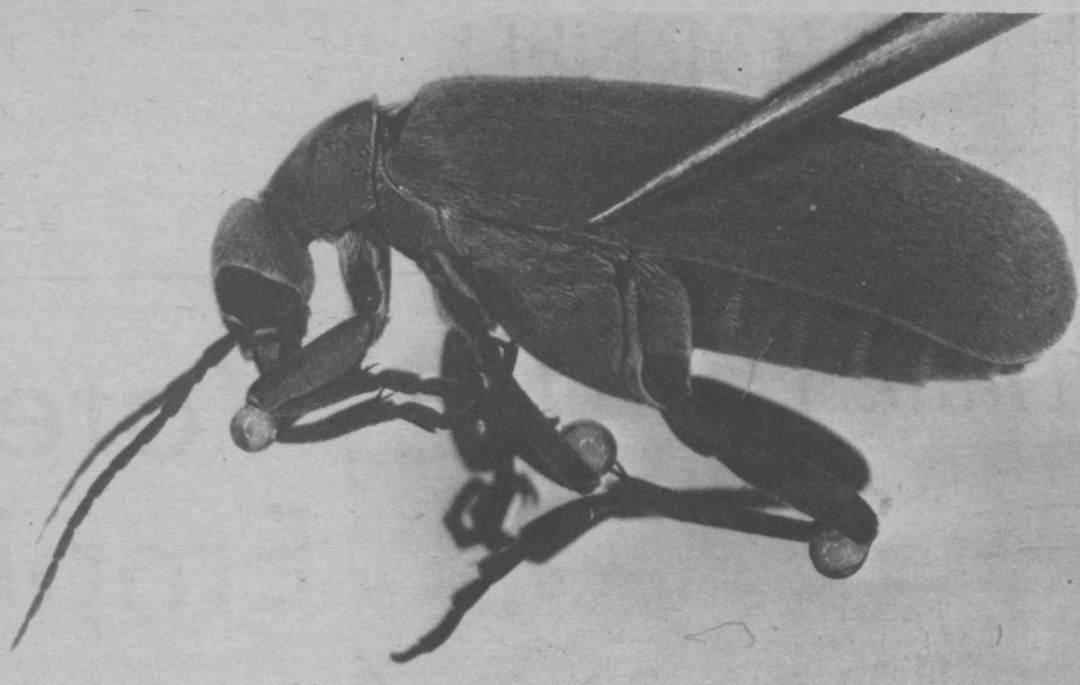
"How precisely cantharidin affects certain insects, whether by distastefulness, irritation, or some other orally discernible quality, remains unknown," Eisner and Carrel said.

Eisner added that although there are a multitude of tales concerning Spanish fly's spectacular powers, there is little hard, scientific fact on the compound. However, it is known that cantharidin, when applied externally to man, is a powerful blistering agent. The substance was used therapeutically during the 18th century when blistering and bleeding were standard remedies for numerous diseases.

It is thought that Spanish fly's burning effect and ability to cause inflammation of the urogenital system led to its employment as a love potion, a dangerous proceeding in view of its toxic effect when taken internally.

Although the Cornell researchers suggest that Spanish fly's distasteful quality deters insects, there is no evidence on how man's taste buds react to it. Because of the obvious risks, the authors said that they were unwilling to carry out this experiment themselves.

This research was funded by a grant from the National Institutes of Health (NIH) to Eisner, who is a professor of neurobiology and behavior in Cornell's Division of Biological Sciences, and a NIH fellowship to Carrel, who is now at the University of Missouri at Columbia.



**SPANISH FLY** — Cornell University researchers have shown that "Spanish fly," misused as an aphrodisiac and made from the pulverized corpses of meloid beetles (above), is actually a potent insect repellent. The beetle is shown bleeding from its "knee" joints, a response made when the insect is disturbed. It is believed that the active principle of Spanish fly is contained within the blood.

### State Assembly Interns

## 2 Explore Environmental Politics

Two Cornell students explored the politics of environment recently while working in the offices of two New York State assemblymen in Albany.

Katherine Tonnessen, a senior in the College of Arts and Sciences from Lindenhurst, and Alan Abramson, a senior in the New York State College of Agriculture and Life Sciences from Latham, were chosen from a list of candidates as Cornell's representatives in January's Intern Program of the New York State Assembly.

After a week-long orientation and training program covering a variety of subjects relating to the

legislative process, each intern was placed with an assemblyman or legislative staff member, according to Barbara D. Matula, coordinator of the Intern program.

"Because Kathy and Alan came into the program with strong interests and academic backgrounds in ecology," Matula said, "Kathy was placed with Assemblyman Peter Berle (Burle), ranking minority member of the standing Committee on Environmental Conservation, and Alan was placed with Assemblyman Glen Harris, who chaired the Joint Legislative Committee on Environmental Matters and now serves as majority whip."

"The small size of Assemblyman Berle's staff afforded me an opportunity to take on a very active role in his office," Tonnessen said. "I was asked to prepare an agenda for Democratic members of the Committee on Environmental Conservation. Preparation of the agenda," she explained, "involved listing bills relevant to environmental conservation and researching questionable points in the bills that needed clarification."

Berle also asked Tonnessen to work on the Erie Canal Bill which proposes the development of park and camping areas along the Erie Canal. Six and one-half million dollars have been appropriated for this project, under the supervision of the New York State Department of Parks and Recreation.

Tonnessen said she actually drafted a bill after studying information from a research feasibility study, reviewing the form and language of old bills and consulting legal specialists called bill drafters. Her bill was in final form as a Democratic bill when she left Albany.

"I was very impressed by some of the lobbyists in Albany," Tonnessen said. "The League of

Women Voters has a very strong professional lobby which keeps a careful monitor on the voting records of legislators," she said. "The Environmental Planning Lobby, on the other hand, was much less professional — mainly made up of inexperienced college students. Some of the powerful lobbies have tremendous social influence; some legislators rarely have to buy their own meals."

"Majority Whip Harris's experienced staff of legal clerks and aides limited my role to more of an observer than a participant," Abramson said, contrasting his experience with Tonnessen's. "My major responsibilities involved filing and investigating memoranda," he said.

Tonnessen and Harris participated in the Assembly's "Conference on Energy," which brought together a nationwide representation of scientists, technicians and administrators involved in environmental matters.

## Cornell Wins Moot Court Easterns

For the second year in a row, the Cornell Law School has won best team honors in the Eastern Regional Round of the Philip C. Jessup International Moot Court Competition. The competition was held at Cornell from Feb. 28 to March 2.

The winning team of second-year law students, Michael R. Pfeifer, James Rouse and Leonard Terr, will now go on to the national semi-final competition in Washington, D.C., in late April.

Cornell took first place over Buffalo Law School in the last round of the competition, with all 12 judges before whom Cornell argued ruling in their favor. Other teams in the competition were Akron

Law School, Albany Law School, Rutgers-Camden and Rutgers-Newark Law Schools and Syracuse Law School.

The Jessup competition is designed to provide law students with an opportunity to do research on and argue questions of international law. This year's hypothetical case raised issues concerning deep-sea mining rights and the conflict between developed and less developed nations over the distribution of ocean floor minerals. The competition is sponsored by the Association of Student International Law Societies and by the American Society of International Law.

## Sports Scoreboard and Schedules

**HOCKEY** — Record to date: 18-6-1. Last week's results: Cornell 7, Penn 6; Cornell 5, St. Lawrence 3. This week's schedule: March 9, ECAC Semi-final at Boston University.

**BASKETBALL** — Season record: 3-23. Last week's results: Princeton 89, Cornell 65; Penn 84, Cornell 68.

**TRACK** — Season record: 3-2. Last week's results: Placed seventh in the IC4A Championships.

**WRESTLING** — Season record: 13-8. Last week's results: Placed fourth in the EIWA Championships.

**GYMNASTICS** — Season record: 4-8. Last week's results: Massachusetts 154.65, Cornell 146.95. This week's schedule: March 8-10, EIGL Championships.

**FENCING** — Season record: 10-3. Last week's results: Cornell 15, Army 12. This week's schedule: March 8-9, Eastern Championships at Harvard.

**SQUASH** — Season record: 4-12.

**SWIMMING** — Season record: 6-5. This week's schedule: March 9-10, Eastern Championships at Princeton.

**CORNELL CHRONICLE**

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## \$300,000 Grant

# Pew Engineering Fund Established

A \$300,000 grant has been awarded to the College of Engineering at Cornell for the development of its professional engineering graduate program. Designated as the Joseph N. Pew Jr. Master of Engineering Fund, the grant was made by the Glenmede Trust Co. of Philadelphia, trustee for the J.N. Pew Jr. Charitable Trust.

In making the announcement, Edmund T. Cranch, the Joseph Silbert Dean of Engineering, said, "With the many crucial technological-societal problems ahead for the nation, there is an urgent need for a new generation of engineering graduates who can derive real solutions to problems in the context of today's complex conditions. This newly established fund will greatly stimulate faculty efforts in the further development of our professional masters programs."

In 1965, Cornell developed two distinct paths in its graduate engineering education efforts. One was a continuation of its well-established programs which prepare graduates for research and teaching careers in engineering and applied sciences. The second was directed toward preparing individuals

for broad-gauged responsibilities in industry, public service and private practice through master of engineering degree programs. Currently, there are about 150 students enrolled in these latter programs.

"It has been especially difficult to gain support for developing and sustaining design-oriented programs that integrate advanced course work with real world problems of the type faced by modern industry in meeting societal needs," Cranch said. "The Joseph N. Pew Jr. Master of Engineering Fund provides the kind of support essential to such an educational approach."

The late Mr. Pew was chairman of the Board of Directors of Sun Oil Co. from 1947 until his death in 1963. A 1908 mechanical engineering graduate of Cornell, he started his career at Sun Oil as a tool dresser on drilling rigs during summer vacations while in college. Throughout his professional career he was recognized as one of the petroleum industry's greatest innovators. A distinguished professorship was established in his honor at Cornell's Engineering College in 1968.

## Sage Notes

*Masters degree candidates* are reminded that there is now a requirement for abstracts of their theses, to be bound immediately after the title page. Additional information is available from the Thesis Secretary, Mrs. Donna Moseley, 111 Sage Graduate Center, Ext. 6-4884.

The deadline for adding or dropping a course or changing a course to Audit is Friday, April 5, 1974. If you are going to make a change, please come to the Graduate School Office soon and complete a Change of Course Authorization Form. (The completed form must be filed by April 5.) A course you have signed up for and are not attending does not automatically result as a dropped course, but will instead result as an incomplete or an F on your transcript. Please complete the necessary paperwork to make the official record agree with your wishes.

Courses which are registered for "Audit" will not appear on transcripts.

Applications for Graduate Summer Fellowships are available in the Fellowship Office, Sage Graduate Center. The summer awards are for \$400 plus \$100 for each eligible dependent, and are based mainly on financial need. In the past there have been considerably more requests than money, so graduate students would be well advised to continue looking for other summer support. Completed applications are due in the Graduate School by April 1.

# Judge Younger Set To Teach at Cornell

Irving Younger, judge of the Civil Court of the City of New York, will serve as a visiting professor at the Cornell University Law School during the 1974-75 academic year. He will concentrate on teaching courses on trial techniques and evidence, according to Law School Dean Roger C. Cramton.

Younger's appointment, Cramton said, is one of a number of steps the school is taking to expand and improve instruction in trial techniques. The new program was inaugurated last spring by Samuel S. Liebowitz, a 1915 graduate of the Cornell Law School and one of the all-time leading criminal lawyers. Liebowitz, who also gained fame as a judge, has funded the establishment of the Samuel S. Liebowitz Professorship of Trial Techniques with a series of current and future gifts to the Law School.

The chair and the Law School's other activities in the area of trial techniques, Cramton said, are positive steps taken in answer to a growing concern in the law profession. In a recent talk, Warren E. Burger, chief justice of the United States, emphasized the need "for skilled courtroom advocacy with a special emphasis on the administration of criminal justice." He stated that a system of certification for trial advocates

is imperative but that "beyond any particular system, however, is the fundamental fact that how lawyers are trained — during and after law school — will determine their skills as advocates...."

Younger, who has served as a trial judge since 1969, will assume his visiting professorship on July 1. The 41-year-old lawyer also has had extensive experience as a trial lawyer and as a professor of law, serving on the faculties of New York University as a full-time teacher and at Columbia University in a part-time capacity.

## Careers

Sign-ups are now being taken at the Career Center for interviews with representatives of the United Nations Development Programme tomorrow. The UNDP is recruiting for careers in the field of economic and social development. Candidates must have a solid academic background in economics, public administration or business administration and a total command of at least two of the three official working languages of the UN: English, French and Spanish.

# Cornell Hosts Eastern Gymnastics Championships

The top gymnastics teams in the United States will be among those competing at Barton Hall today, tomorrow and Saturday, as Cornell plays host for the first time to the Eastern Intercollegiate Gymnastics League Championships (EIGL).

Considered the top intercollegiate gymnastics league in the country, the league is conducting its 47th annual championships here. Cornell's team was admitted to the league only last year and its coach, Bob Martin, was elected president of the league for the current 1973-74 season.

The Championships should prove to be a five-way battle for first place team honors with Penn State the overall favorite by a slight margin.

This is based on the records of the teams during dual meet

competition this year including probably one of the most dramatic gymnastics meets in recent years. In the final dual meet of their seasons, Penn State and Southern Connecticut battled even to the final event with Penn State emerging the victory by a 2.50 point margin. Both teams broke the 160 team-point level which is considered superlative in gymnastics circles. Penn State scored 164.95 to Southern Connecticut's 162.45.

But also near the same level of high performance are three other teams in the league: Temple, Massachusetts and Navy. Any of these teams could walk off with the team championship. And still not to be discounted, considering the vagaries of athletic competition, are the other teams in the league: Army, Cornell,

Pittsburgh, Springfield and Syracuse.

In individual competition, Jim Kruest of Penn State, the nation's top-ranked all-around gymnast, will have to battle seven men for top honors.

Tickets to the three days of events are now on sale at the Teagle Hall ticket office, Willard Straight Hall and at Mayer's Smoke Shop on State Street. There are no reserved seats. The compulsory exercises

competition will take place today, starting at 6 p.m. with tickets costing \$1. The optional exercises and team finals will be Saturday, March 9, starting at 7:30 p.m. and will cost \$3. Tickets for the series cost \$5.

## First Blood in the Easterns



**GOAL!** — Cornell's Dave Groulx (rhymes with jewel) (9) pushes the puck just out of the reach of St. Lawrence goalkeeper Harry Aikens to open the Big Red scoring against the Larries in Tuesday night's opening match of the Eastern Intercollegiate Hockey Championships at Lynah Rink. Cornell won, 5-3. Other Red attackers are Gord McCormick (8) and John Harper (11). Grimacing St. Lawrence defender (19) is Ken Brousseau. Cornell faces Boston University in the semifinals at Boston Garden Friday. RPI and Harvard meet in the other semifinal game.

# Coach Allen Resigns

Tom Allen, assistant basketball coach at Cornell since 1971-72 and acting head coach for the last nine games this season, has resigned, it was announced Tuesday by Jon Anderson, director of athletics.

Allen had applied for the head coaching job on a permanent basis, but was informed that he would not be offered the position, Anderson said.

Allen served as Cornell's acting

head coach following the resignation of head coach Tony Coma on February 7. Allen was assistant to Jerry Lace in 1971-72 and to Coma the last two years.

Anderson added that a number of candidates already had applied for the head coaching position and that the department would be considering them during the next several weeks.



# 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.*

## YPSL Discusses Views on Ujamaa

Editor:

More than five weeks ago the Ithaca Chapter of the Young People's Socialist League (YPSL) announced the beginning of a campaign to end racial segregation at Cornell. Initially the campaign was intertwined with the Democratic Socialist campaigns for Senate and Board of Trustees; today that campaign has gone beyond the elections and now centers around winning support for Senate bill D-152, "An Act to Dismantle Ujamaa." During these five weeks, many questions and criticisms have arisen concerning our aims and motives in calling for the dismantling of Ujamaa. We hope to clarify our strategy and motivations in this letter.

The socialist movement has been traditionally integrationist. From its roots in the early labor movement until today, democratic socialists have advocated a strategy of black-white unity against the oppressors, and opposed any strategy of separatism or nationalism that would prevent such unity. Students, like the great majority of people, are oppressed by capitalism. Our tuition is too high, rents are exorbitant, food prices are ridiculous and the quality is generally awful — in short, the present generation of students is oppressed by inflation of prices and decline in the quality of education.

Socialists believe that the trend toward making Cornell an elitist, expensive university can be reversed. Toward this end, we have proposed a tuition and rent freeze, an increase in financial aid to cover middle- and working-class students, an investigation of dining prices, an expansion of

### Bill Calls For Dismantling Of College

low-cost dormitory housing, etc. Before we can defeat the conservative advocates of austerity budgeting, however, the student community must be politically united.

This political unity is effectively blocked by a number of factors. Class, school, ethnic origin, etc. are all obstacles to student unity in the battle against austerity budgeting. But the greatest obstacle is racial polarization. It is especially crucial to unite black students with the liberal white community; for it is black students who will be the first to suffer when Cornell begins reducing enrollment (as certain candidates for Trustee have already advocated) and increasing prices.

Ujamaa, which segregates a large group of black students from the mainstream of university political life, serves the interests of those who wish to turn Cornell into an elitist university. These people who benefit from student division are the business conservatives who run the Board of Trustees, representatives of the wealthy ruling class in America. It is in their interest that a democratic movement among the students be thwarted, that the community be polarized along racial lines, and that Ujamaa be preserved. It is in the interests of socialists, who seek racial unity in order to more effectively combat conservatism, and the student community in general, to dismantle Ujamaa, desegregate

the all-white fraternities, and build a united movement for lower tuition, lower rent, lower food prices, improved services, etc.

The YPSL has already achieved two major goals in this effort. First, we have brought the issue of racial segregation before the community through our leaflets and activities. This has stimulated discussion and debate, and has revealed a tremendous amount of support for the socialist position. Second, we have brought the issue before the Senate, and have confronted the administrators head-on with our position. Senate bill D-152 has been our main weapon in this part of the fight. We have forced the Senate to consider issues that it might otherwise have wished to remain silent on.

Regardless of how our candidates fared in the recent elections, we now move on to the second phase of our effort — getting the University Senate to enact D-152 and a comprehensive bill to desegregate the fraternities and the special living units. We are confident that we have the support of the majority of students, both black and white, and will succeed in defeating the advocates of apartheid. We now appeal to students to join with us in building a movement against segregation, the prelude to a united movement for a democratic university.

END APARTHEID AT CORNELL!  
FOR A DEMOCRATIC UNIVERSITY!

*Eric Lee, Chairman  
Eric Simon, Vice Chairman  
Michael Sharon, Sec.-Treas.  
for the Ithaca Chapter, YPSL*

## A.D. White Profs to Be Named

Nominations for Andrew D. White Professors-at-Large should be submitted to Max Black at 608 Clark Hall by April 5.

As many as four members may be named to the program this year, according to Black, its chairman and the Susan Linn Sage Professor of Philosophy and Humane Letters. He pointed out that up to 20 persons are permitted to be professors-at-large at one time and that now there are 17 members. The term of one of these, geneticist Barbara McClintock, expires this year. She has been a professor-at-large since the program's inception in 1965.

According to trustee legislation, professors-at-large are "individuals who have achieved outstanding international distinction in the humanities, the natural or social sciences, or the learned professions, or have achieved such distinction and have demonstrated broad intellectual interests through their activity in such fields as public affairs, literature, or the creative arts. Professors-at-large shall be elected by the Board of Trustees upon the recommendation of the President for a definite term of not to exceed six years."

Nominations are invited by individuals or groups

of individuals. However, nominations from departments or other academic units carry special weight, Black said.

Nominations should be supported by careful documentation, including a "vita" summarizing the nominee's outstanding accomplishments, positions held, honors received, a select bibliography and supporting letters. Nominations made in previous years can be reconsidered, if so requested, Black said.

The nominating committee will give preference to proposals for appointing outstanding men or women in fields not already represented, or not sufficiently represented, in the program. Suggestions for scholars who are not Americans or Europeans will be especially welcome. Appointments of scholars who are more than 60 years old can be made only in exceptional circumstances. Additional details may be obtained from the program's secretary, Betty Markees, 63810.

The current professors-at-large are: Kenneth Boulding, economist (1973-79); Howard M. Brown, music historian (1972-78); Felix Candela, architect (1971-75); Jacques Dreze, economist

*Continued on Page 8*

## Job Opportunities At Cornell University

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

### POSITION (DEPARTMENT)

Senior Administrative Secretary, A-17 (Center for International Studies)  
Administrative Secretary, A-15 (Ecology and Systematics)  
Department Secretary, A-13 (Science, Technology and Society)  
Steno A-11 (Applied and Engineering Physics)  
Steno II, NP-6 (Agricultural Engineering)  
Senior Clerk, A-12 (International Student Office)  
Administrative Clerk III, NP-9 (Extension Administration (Cobleskill))  
Library Assistant II, A-12 (Library)  
Library Assistant II, NP-5 (Library)  
Administrative Aide I, NP-11 (NYSSILR)  
Administrative Aide II, NP-14 (Floriculture and Ornamental Horticulture)  
Administrative Assistant I, NP-16 (NYSSILR)  
Administrative Assistant I, NP-16 (NYSSILR (NYC))  
Senior Auditor (Auditor's Office)  
Assistant Counsel (University Counsel)  
Area Manager (Dining Services)  
Personnel Officer, P-20 (NAIC (Arecibo Observatory))  
Director of Information Services (Communication Arts)  
Director (Public Information)  
Assistant Librarian (Library)  
Librarian (Library)  
Counselor (Division of Academic Services)  
Sound Program Supervisor (Laboratory of Ornithology)  
Cooperative Extension Specialist (CRD) (Cooperative Extension Administration)  
Cooperative Extension Specialist (Cooperative Extension Administration (NYC))  
Cooperative Extension Specialist (Fredonia) (Cooperative Extension Administration)  
Cooperative Extension Specialist (Brockport) (Cooperative Extension Administration)  
Director of Transportation (Transportation)  
Librarian (2) (Geneva)  
Director (Cornell Safety Division)  
Assistant Football Coach (Athletics)  
Manager-Systems Programmer (OCS)  
Physician (MD) (University Health Service)  
Lab Technician I, NP-8 (Agronomy)  
Lab Technician I, NP-8 (2) (Vet College (Vernon Downs))  
Lab Technician, A-17 (Biochemistry, Molecular and Cell Biology)  
Research Technician II, NP-10 (Vegetable Crops)  
Research Technician III, NP-12 (Vet College (Vernon Downs))  
Research Technician IV, NP-14 (Ecology and Systematics)  
Research Technician III, NP-12 (2) (Geneva)  
Steam Fireman, NP-8 (Geneva)  
Research Associate (Plant Pathology (Geneva))  
Research Associate (Agricultural Economics)  
Research Associate (Plant Breeding and Biometry)  
Research Associate (2) (LASSP)  
Research Specialist (Plant Pathology)  
Sr. Research Associate (Vet College (Vernon Downs))  
Programmer C, NP-13 (Physical Biology)  
Technical Aide I, A-15 (Sociology/SASS)  
Technical Aide II, A-17 (Chemistry)  
Extension Aide (Agricultural Economics)  
Research Engineer II (National Astronomy and Ionosphere Center)  
Electrical Engineer, A-28 (Buildings and Properties)  
Experimentalist I (Agronomy)  
Storekeeper II, A-14 (General Stores)  
Custodian, A-13 (Midnight to 8:00) (B & P)  
Custodian, A-13 (Student Housing)  
Bus Driver, A-16 (Transportation)  
Sr. Patrol Officer, A-21 (Safety Division)

### PART-TIME AND TEMPORARY POSITIONS

(All temporary and part-time positions are also listed with Student Employment)

Temporary Service Clerk (Civil Environmental Engineering (temp. f/t))  
Temporary Service Clerk (Cornell Plantations (temp. p/t))

*Continued on Page 7*



# 'Residential Colleges:' Broadening Experience

The old adage "home is where the heart is" seems to explain the need of hundreds of Cornell students who choose to live and work in residential special project units focused around a common purpose or interest.

During the past four years, students have been responsible for transforming five University dormitories into these special project units or "residential colleges."

The units attempt to close the gap between students' formal education in a classroom and their broader personal and social education in a learning environment, according to Ruth W. Darling, associate dean of students.

The units, all housed in University buildings, are: Hurlburt House, for students concerned with ecology; Sperry Community, interpersonal relations; Risley Residential College, the creative and performing arts; Ujamaa Residential College, problems of developing communities in the United States, Africa and the Caribbean; and the International Living Center (ILC), cross-cultural communications and relations.

Strictly speaking, none of the centers are "residential colleges," as defined by New York State law as degree-granting facilities, Darling said. Risley and Ujamaa, however, have served as "locations" for University-approved academic courses open to the entire student body. Ujamaa hosts courses for the Africana Studies and Research Center. Risley hosted creative writing courses during intersession and Ecology House is hosting a course for the department of Natural Resources.

The Office of the Dean of Students,

great many programs run aground on bureaucratic matters."

Students, in turn, are expected to commit a reasonable amount of time to pursuing the objectives of the unit, she said. In units where student demand exceeds bed space, the units select their membership based on written applications and, in numerous cases, on personal interviews.

Students' reasons for joining a project unit vary with their personal interests even within the unit's common purpose. For example, the ILC houses graduate and undergraduate American and international students. Steven Noble, ILC resident director, stated "for Americans, it's a chance to get to know international students as persons and have cross-cultural experiences; for international students it gives them an opportunity to learn more at Cornell than just the academic side of American life." Because most international students ask to live with an American, the center maintains an even number of Americans and foreign students representing about 50 countries and cultures.

ILC does not offer courses for academic credit, but its members hold informal get-togethers on such varied areas as international cuisine and discussions on, for example, Chinese-American relations. Other ILC projects include support of a child in Ecuador, development of an international alumni association, cultural programs with foreign films, slide lectures, and discussions on subjects from Muslim theology to the famine in West Africa. International dinners, a Sunday brunch and forays to Lynah rink for ice skating



A Dance to medieval music at a Risley fair.

All the units are coeducational, which Wells feels "immediately civilizes things." Coeducation has been in effect at Risley since the building became a residential college in 1970. Students may also paint their rooms and corridors and convert storage areas and common areas into libraries, workshops or other special interest locations. Cooperative dining received a trial run in Risley, the only unit maintaining a common dining room for all its residents. An experiment allowing students to keep dogs and cats in the building, however, failed miserably, he added.

"If you really want to build a housing system at the University that is intimately integrated with the real function of the University — education — residential colleges are the way to go," Wells stated. "Right now, Cornell doesn't have this; it's very hard to break the pattern of classroom education as separate from living."

Ujamaa, begun last year, focuses its programs around the needs of developing communities and on encouraging the acquisition of academic and professional skills useful to developing communities. For example, the center's "big brother-big sister" program seeks to expose Ithaca area children to experiences which are unavailable in their own environment, according to Shiriki Kumanyika, co-resident director of Ujamaa with her husband, Makaza.

As in the instance of the ILC, Ujamaa serves as a location for related special interest groups such as the Black Biomedical Technical Society, COSEP (Committee on Special Educational Projects) tutorial sections, and a karate school. Ujamaa is also working to establish a student agricultural group concerned with agricultural problems in crisis areas throughout the world.

Ujamaa residents maintain a non-profit bookstore carrying some 1,000 titles primarily for Africana Studies courses. Other activities include a Wednesday night speakers' program on topics such as the future of Harlem Preparatory School and problems of Southern Africa.

"Apart from the overall goal, a great many activities are centered around providing a certain kind of atmosphere," Kumanyika said. "Ujamaa" is a Swahili word roughly translated as "familyhood." The Ujamaa residents have had, according to a statement prepared by the students, "a common experience of having lived and worked in the world's developing communities" in this country and in the Caribbean, South America and Africa.

Sperry Community, primarily for

freshmen, emphasizes "interpersonal awareness through shared activities." Sperry was the first dormitory to request room-by-room coeducational living on a year-long experimental basis for the current academic year in an effort to eliminate sexual stereotypes in living situations. Unit activities include photography, crafts and outdoor events.

Ecology House members began three years ago with the goal of working on environmental projects of value to the Cornell and local communities while simultaneously trying to develop a lifestyle in accordance with environmental concerns and educations, said James Meade, resident director. Major projects for this year include the development of simple environmental lessons suitable for elementary school children, publication of a recycling guide for the local area and participation in a county-wide project lobbying for passage of laws to require deposits on bottles, he said.

In past years, Ecology House operated a glass recycling center, which set the tone for present efforts by the City of Ithaca and Challenge Industries Inc. Campus-wide recycling, currently in effect in many University dormitories and other facilities, was also preceded by a pilot program in Ecology House.

Currently, Ecology House hosts a section of a natural resources course. It attempted to do so for sections of the Biology and Society Series, but was precluded because of the center's distance from campus.

Meade thinks groups of students working on individual projects rather than all residents working on a single major project will become more common. Residents include a fairly even distribution of freshmen through graduate students.

He finds an "incredible number of different views on what ecology is, therefore, it is unlikely we will march toward a single goal. Some (students) feel ecology is legislative action, others majoring in ecology, while others feel it is eating organic foods."

William D. Gurowitz, vice president for the Division of Campus Life which includes University living units, said he thinks the five project centers "are a response to the needs and desires of the student population" and that they conform to the Division's conception that "all things at the University can be a learning experience. Today's student populations are more diverse in background and interests than previously. Special project units provide broader opportunities for students to attain their educational goals."



'Duka La Vitabu,' the bookstore at Ujamaa.

charged with maintaining all University housing units, encourages the units because they provide a learning experience, and an opportunity for community service, and because they expand the housing options available to students.

"We feel the units must offer 'something of significance' to the University community; it need not be solely an academic interest, but naturally we encouraged academic interests, as well as a broad range of other activities," Darling said.

Each of the units, with the exception of Sperry Community, employs a full-time resident director to oversee the day-to-day functions of the center's programming and housing operations. Darling compared one of the functions of the center's resident directors to that of a midwife: "They are not supposed to be the fountain of ideas, but without them, a

comprise some of the center's more organized social events.

"Students feel the ILC is more than just a dorm because of a sense of community and the continuity derived from the option of living in the same place for more than one year," Noble said.

ILC also serves as an international "mini-union" for international activities and events of many of the national clubs and international groups on campus.

Risley's achievement, according to resident director Guy Wells, is that "we have successfully created a living atmosphere in which the fine and performing arts are socially encouraged."

"We would like to turn Risley into a real residential college," he said, "with live-in faculty and academic courses" but the unit lacks the financial ability to do so. He doubts most students feel involved in "a 'great metaphysical Risley' but instead they find aspects that attract them."



# The Senate Page

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

**NEXT SENATE MEETING — Thurs., March 14, 7:30 p.m. Kaufmann Aud.**

## Current Legislative Log

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

BILL NO. & DATE SUB.	TITLE AND ABSTRACT	SPONSOR	COMMITTEE REFERRED TO
D-169 2/26/74	COMMUNITY REVIEW OF PROPOSED TUITION CHARGES ACT [This bill recommends a procedure for Community and Senate response prior to the adoption of charges in tuition.]	Planning Review Committee	Planning Review Committee
D-170 2/26/74	CREATION OF A SPECIAL JOINT SENATE-FACULTY COUNCIL OF REPRESENTATIVES CONFERENCE COMMITTEE ON THE COMMUNITY BILL OF RIGHTS [Bill to establish a special committee on the Community Bill of Rights.]	Executive Committee	Executive Comm.

## Senate Actions — February 26, 1974

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

SA NO.	TITLE AND ABSTRACT	SPONSOR	ACTION TAKEN
SA-238	COC NOMINATIONS FOR SPECIAL REQUESTS APPEALS BOARD	Committee on Comm.	ADOPTED
SA-239 [D-170]	CREATION OF A SPECIAL JOINT SENATE-FACULTY COUNCIL OF REPRESENTATIVES CONFERENCE COMMITTEE ON THE COMMUNITY BILL OF RIGHTS [Bill to establish a special committee on the Community Bill of Rights.]	Executive Committee	ADOPTED AS AMENDED
SA-240 [D-164]	THE PHYSICAL EDUCATION AND ATHLETICS ACT OF 1974 - PART I [This bill provides for policies and guidelines for the Department of PE & A to insure fair and equal treatment for men and women participants in the Department's programs.]	Campus Life Comm.	ADOPTED AS AMENDED
SA-241 [D-165]	BILL TO AMEND DIVISION OF CAMPUS LIFE BUDGET [This bill amends SA-230 (The Campus Life Budget for 1974-75).]	Campus Life Comm.	ADOPTED AS AMENDED
SA-242 [D-12-a]	RECOMMENDATORY RESOLUTION ON HEALTH EDUCATION [An act to recommend the establishment of a coeducational physical education section dealing with human sexuality, public health, and population planning.]	Robert Platt	ADOPTED AS AMENDED
SA-243 [D-116-a]	THE "POWER TO THE PEOPLE" BYLAW REVISION OF 1973 (PART II) [Amends the Bylaws to provide for community referenda on Senate actions or to determine a Sense-of-the-Community.]	Ben Nichols and Robert Harrison	ADOPTED AS AMENDED
SA-244 [D-150]	AN ACT TO ESTABLISH A POLICY ON CONFIDENTIALITY [This act provides that no Senator or Officer of the Senate shall accept confidential information, "confidential" here meaning "to be withheld from the full Senate."]	C.K. MacKay, R. Meyer, J. Danowitz	ADOPTED AS AMENDED
SA-245 [D-158]	THE JUDICIAL REFORM AND RESTRUCTURING ACT NEEDS REFORM ACT [Amends Judicial Reform and Restructuring Act of 1972 (SA-165).]	Codes & Judiciary Committee	ADOPTED

## Barton Blotter

# A Week of Fraud, Fires, Thefts

Two fires, a case of fraud, one of harassment, several instances of criminal mischief and 13 thefts move across the pages of this week's collection of morning reports from the University's Safety Division.

The first fire was early Sunday morning in a storage closet of North Campus Dorm 1 where a quantity of plastic cups ignited. The second was Tuesday morning in a car in the parking lot behind Martha Van Rensselaer Hall, from an apparent short in the electrical system.

The case of fraud was reported last Tuesday by the Campus Store, where an unknown male was reported to have purchased \$230 worth of merchandise on a

credit account under a false name last September.

The harassment was reported to Safety Division Tuesday noon, when a young man was harassing a girl near the Campus Stores during an argument. The case was referred to the judicial administrator.

Criminal mischief incidents include the forcing of a door in Lincoln Hall, a rock thrown through a window in University Halls 4, and damage to a soft-drink vending machine in North Campus Union. The coin box in the machine was emptied. Also, a large window broken with a chair in the second floor lounge of North Campus Union.

Thefts include: A Leica 35-mm camera left unattended on the

fourth floor of Franklin Hall; an electric wall clock from an office on the first floor of Sage Graduate Center; a wallet, checkbook and pair of trousers from a secured locker in Teagle Hall; a handbag left unattended on a table in the card section of Olin Library; purchase of \$50 in merchandise from the Noyes Pickup Store with a credit card later discovered to have been stolen; \$20 in cash from a dresser in a room at North Campus Dorm 6.

Also, a wallet from a secured locker in Teagle Hall; a wallet left unattended in the first floor ladies room of Willard Straight Hall.

## Senate Calendar

THURSDAY, March 7  
Dining Subcommittee, 4:30 p.m., G-92 Uris Hall.  
FRIDAY, MARCH 8  
Public and Community Affairs, 1:00 p.m. - 2:15 p.m., Senate Office.  
Campus Planning Committee, 4:00 p.m., B-40 Day Hall.  
TUESDAY, MARCH 12  
Educational Innovation, 4:15 p.m., Senator's Study.  
Codes and Judiciary, 4:30 p.m., Senate Office.

## Proposed Agenda

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

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

responsibilities (3 minutes each).

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

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

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

## Senators Elected to the Fifth Senate

### UNDERGRADUATES

COSEP (3 Seats) — Deborah Diane Harrison, Gerald M. Lawson, Keith D. Williams.

AFRICANA STUDIES (1 Seat) — Vicki Lynn Douglas.

AGRICULTURE (6 Seats) — Thomas H. Andrews, Michael John Gerling, Roy Nitzberg, Stephen A. Pearlman, Frank J. Schuster, Freda Seena Tepfer.

ARTS & SCIENCES (8 Seats) — Neil V. Getnick, Bob Harrison, Phil D. Hernandez, Randi Ellen Kanuk, James D. Masterman, Joseph Schwartz, David Stromberg, Sue Tichanuk.

ENGINEERING (5 Seats) — Bill Drew, Francis H. Esposito, Richard Gardner, Lance Greenberg, David Pritchard.

HOTEL (1 Seat) — Albert I. Church.

HUMAN ECOLOGY (3 Seats) — Betha Friedhoffer, Jill Gerber.

I&LR (1 Seat) — Neal Haber.

\* Architecture, Art and Planning had no Senate candidates.

### GRADUATES

B&PA (1 Seat) — Charles B. Harris.

GRADUATE SCHOOL (8 Seats) — Carolyn Black, Richard S. Bogart, Carl Henry Feuer, Patricia Richmond, Majid J. Samaan, Raymond Seidelman, W. David Williams, Arne Youngerman.

LAW SCHOOL (1 Seat) — Paul

M. Whitbeck.

VETERINARY MEDICINE (1 Seat) — Ronald P. Brockman, employees

### EMPLOYEES

ADMINISTRATIVE EMPLOYEES (1 Seat) — Stephen T. Simpson.

EMPLOYEES (9 Seats) — John K. Bender, Jeffrey A. Diver, James H. Fenner, Steve Hanzlik, Carl J. Jones, R. Kelli Jones, George Peter, James C. Showacre, Guy E. Wells.

LIBRARIANS (1 Seat) — Ronald E. Rucker.

MILITARY SCIENCES (1 Seat) — Samuel L. Doak.

\* Non-Professorial Academics had no Senate candidates.

### FACULTY

HEALTH SERVICES (1 Seat) — Ralph W. Alexander.

AGRICULTURE - TENURED (7 Seats) — Harry R. Ainslie, Ronald E. Anderson, Richard D. Black, Paul R. Eberts, Peter L. Minotti, Donald R. Price.

AGRICULTURE - NON-TENURED (3 Seats) — Joe D. Francis, John W. Kelley, George Posner.

GENEVA (1 Seat) — George S. Abawi.

ARTS & SCIENCES - TENURED (7 Seats) — G.V. Chester, Michael E. Fisher, Rose K. Goldsen.

ARTS & SCIENCES - NON-

Continued on Page 7



# New Schedules for Teagle, Barton

The Department of Athletics and Physical Education has posted the expanded schedules for women's use of facilities in Teagle and Barton Halls. Included in the current schedules are the following:

## Teagle Swimming Pool Schedule Male Only:

12 noon-1:30 p.m. Monday thru Friday.

7:30 p.m.-10 p.m. Monday.

2 p.m.-5 p.m. Saturday.

(subject to varsity home schedule)

Coed:

7:30 p.m.-11 p.m. Tuesday.

9:30 p.m.-11 p.m. Thursday.

7 p.m.-9 p.m. Friday.

12 noon-3 p.m. Sunday.

7 p.m.-9 p.m. Wednesday (Senior Life Saving).

7:30 p.m.-9:30 p.m. Thursday (Family Night) faculty and staff.

## Barton Hall Schedule for Women

Monday through Friday, 11 a.m.-1 p.m. — (Ball equipment issued by Physical Education Instructor in Barton).

Monday-Tuesday-Friday 1 p.m.-4:15 p.m. (Ball equipment issued at Physical Education

Office in Teagle Hall).

Tuesday and Thursday 10 p.m.-11 p.m. (Ball equipment issued by attendant in Barton Hall).

Gym clothing changed in Barton by attendant on Tuesday and Thursday from 11:30 a.m.-1:30 p.m.

Towel exchange daily through "self-service" in locker room. Deposit used towel - pickup clean towel Honor System.

One court is available from 7 to 10 p.m. Monday through Friday. Ball equipment may be checked out from the attendant.

## Academic, Financial Dateline

**Thursday, March 7** — Registration/Drawing of All-Campus Room Selection Lottery Numbers, Noyes Center, 3rd floor lounge, 9 a.m.-4 p.m.

**Friday, March 8** — Registration/Drawing of All Campus Room Selection Lottery Numbers, Noyes Center, 3rd floor lounge, 9 a.m.-4 p.m.

**Wednesday, March 13** — Selection of C.O. Rooms in each building. Look for notices in your hall. Room contracts signed at this time. Security deposits due.

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

**Wednesday, March 22** — All CornellCard bills are due. CornellCard Office Rm. 260 Day Hall.

**Friday, March 22** — Last day for changing registration for Extramural students. Rm. 105, Day Hall.

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

## Serkin to Perform Works of Brahms, Bach, Beethoven

Rudolf Serkin, pianist, will perform works of Bach, Schubert, Brahms and Beethoven in the fourth concert of this year's Bailey Hall Concert Series at 8:15 p.m. Tuesday.

Recognized internationally as an outstanding pianist, Serkin is director of the Curtis Institute of Music in Philadelphia and is president and artistic director of the Marlboro Festival and School of Music in Vermont.

Tickets for the concert are on sale at the Lincoln Hall ticket office. All students will be given a discount and CornellCards will be accepted.

## Faculty Nominees

In view of the delay in the production and distribution of the earlier circulated canvass for nominees for the positions of the Dean of the Faculty, Faculty Trustee and various FCR Committees, the return date has been extended from Monday, March 11 to Monday, March 18, 1974.

## Senators

*Continued from Page 6*

**TENURED (5 Seats)** — Elliot Elson, Richard W. Miller, Andrew Ramage, David A. Singer.

**BUSINESS & PUBLIC ADMINISTRATION (1 Seat)** — L. Joseph Thomas.

**ENGINEERING - TENURED (4 Seats)** — Wilfried H. Brutsaert, Benjamin Nichols, Christopher Pottle, Robert York.

**ENGINEERING - NON-TENURED (1 Seat)** — Teoman Pekoz.

**HOTEL ADMINISTRATION (1 Seat)** — John E.H. Sherry.

**HUMAN ECOLOGY (3 Seats)** — John Archibald, Eleanor Quick, Bettie Lee Yerka.

**VETERINARY MEDICINE (2 Seats)** — Donald S. Postle, Wayne Schwark.

\* **Africana Studies, Architecture, Art & Planning, I&LR and Law School** had no Senate candidates.

## STUDENT TRUSTEE AT-LARGE

(1 Seat) — Robert C. Platt.

## Bulletin Board

### 'Wilderness' Leaders Needed

Once again the Wilderness Reflections Committee is looking for faculty, staff, and students to lead new Cornell students on camping trips (backpacking, canoeing, bicycling, etc.). We need energetic, competent guides who are willing to plan their trips as well as lead them. In addition to the obvious rewards found in our natural environment, our guides are paid \$100 excluding expenses. Applications are available in the Office of the Dean of Students, 103 Barnes Hall. Deadline for applications is March 15. For further information call 256-4131.

### Cornell Credit Union Meeting

The annual meeting of the members of the Cornell Federal Credit Union will be held at 7:30 p.m. on Monday, March 18, 1974 at the Holiday Inn on North Triphammer Road, Ithaca.

The purpose of this meeting is to receive reports of the Directors and Committees, elect one Director and one Credit Committee Member, and to conduct other business.

A sit down dinner for members, shareholders, and members of their immediate families, will be held at 6:30 p.m. preceding the annual meeting. The price of the dinner will be shared by the Credit Union. The cost for those attending will be \$3.00 per person.

Reservations for the Dinner must be made by returning the enclosed card by March 7, 1974 with \$3.00 for each person attending. Refunds will be made on reservations cancelled before March 14.

Dinner reservations must be limited to 280.

Dinner reservations will not be necessary for those attending the business meeting only.

### 'A Doll's House' Presented

Henrik Ibsen's 'A Doll's House' will be presented in seven performances by the Cornell University Theater in the Willard Straight Hall Theater at 8:15 p.m. tonight through Sunday and next Thursday through Saturday.

"A Doll's House" is known for the most famous sound effect in theatrical history, according to Marvin Carlson, director of the production. "The slam of a door as Nora Helmer leaves her home, her husband and her children is one of the first and most notable gestures of women's liberation in the annals of Western civilization, though it was written almost a century before the term 'women's lib' came into common usage."

Tickets are on sale from noon to 3 p.m. Monday through Friday in the Theater Box Office in Willard Straight. Telephone reservations may be made by calling 256-5165 during Box Office hours.

### World-Wide Energy Prospects Viewed

Russell L. Nielsen, an adviser in the planning department of Exxon Corp., will discuss world-wide energy prospects and problems for the next quarter century in a public lecture at 4:30 p.m. today in 101 Phillips Hall.

Nielsen believes our present crisis may be a blessing in disguise if it should prove to catalyze action for long-term solutions. He further feels that unless alternatives to crude oil as a major energy source are developed in the next several years, the finiteness of oil could limit energy supplies by 1990 as effectively as today's production controls and embargoes.

### New York's Sea Grant Program

New York's Sea Grant Program, a joint effort of SUNY and Cornell, supports research, education, training, and advisory services oriented toward the better utilization, conservation, and management of the coastal resources of the State. Included in the goals of the Program are better understanding of the resources of the State, the development of underutilized resources, new technologies for utilization and exploitation and protection of the environment, and better understanding of the economic, social and political aspects of coastal utilization.

Proposals for either basic or applied research are due April 12, 1974. Further information on the Sea Grant Program and proposal preparation may be obtained from Peter A. Curtiss in the Office of Academic Funding, 123 Day Hall, (X6-5014).

### 'Feminists and Marriage' Talks Held

United Sisters, a Cornell student organization, is sponsoring a "Feminists and Marriage" series of Wednesday-night discussions with women from the Ithaca community.

Each of the free sessions in the four-part series will be held at 7:30 p.m. Wednesday in the Ives Hall Undergraduate Lounge. The meetings are open to the public.

The remaining sessions are:

—March 13. "Alternatives: group marriage, open marriage, single mothers, etc."

—March 20. "Different Approaches to Child Care;"

—March 27. "Legal Issues: retaining your own name, writing your own marriage contract, etc."

## Henry Van Arkel

Henry Van Arkel, 93, of Freeville, died Monday, March 4, 1974. He was employed as a fireman at Cornell for 35 years, retiring in 1952.

## James A. McConnell

James A. McConnell, 82, of Mansfield, Pa., a former member of the Cornell Board of Trustees and a former assistant secretary of agriculture, died Sunday, March 3, 1974.

McConnell served as Assistant Secretary in the Eisenhower Administration, under Agriculture Secretary Ezra Taft Benson.

He was appointed by New York State's Governor to the Cornell board, and served from 1954 to 1958. McConnell was the retired chief executive officer of Cooperative GLF Exchange Inc., an Ithaca-based co-op that was one of the founding organizations of the current Agway Inc.

After retiring, he was named a professor in the Graduate School of Business and Public Administration, where he developed a curriculum in agriculturally-related business and industry.

A 1921 Cornell graduate, McConnell also served on the Councils of the Architecture and Agriculture Colleges, the Graduate School of Business and Public Administration and the New York State School of Industrial Relations.

## Job Opportunities

*Continued from Page 4*

Waiter/Waitress, A-9 (Statler (temp. p/t))

Weekend Receptionist, A-10 (Ornithology (perm. p/t))

Library Superintendent, A-13 (Library (perm. p/t))

Junior Laboratory Technician, NP-6 (2) (Entomology (temp. f/t April))

Technician Trainee, A-15 (Applied and Engineering Physics (temp. f/t))

Research Technician (Geneva (temp. f/t))

Research Associate (5) (Lab of Nuclear Studies)

Research Associate (Plasma Studies)

Postdoctoral Associate (4) (LASSP)



# Calendar

## March 7-14

### Thursday, March 7

12:30 p.m. Natural Resources. 111: Environmental Film Review. Predators — "Wolves and the Wolf Men." (1970: 52 min.). "Alligator!" (1970: 10 min.). 304 Fernow Hall. Repeated at 7 p.m. in 101 Bradfield Hall.

3:30 p.m. Public Seminar Series: "Northern New York/Lake Champlain Region — Land Use Trends and Implications." Riley-Robb Hall 400. Telelecture sponsored by College of Agriculture and Life Sciences, SUNY College of Environmental Science and Forestry, SUNY College at Plattsburgh.

4:30 p.m. Food Science Seminar: "Nutrition and Periodontal Disease" — Prof. Lennart P. Krook, Acting Chairman, Veterinary Pathology, Cornell. 204 Stocking Hall. Refreshments at 4:15 p.m.

4:30 p.m. Film: "Black Artists in America." 115 Franklin Hall.

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

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

7:15 p.m. Megillah Readings. One World Room, Anabel Taylor Hall.

7:30 p.m. Informal gathering of Vet students, both male and female, with prospective hopefuls that want to see the human half of the Vet School and have questions answered. 200 Willard Way.

12:15 p.m. Lecture: "Women In Australia" — Prof. Alice Cook, ILR. Ives 217. An International Women's Day Activity. Coffee will be provided.

8 p.m. North Campus Union Free Film Series: "The Big Parade" (silent film). Directed by King Vidor with John Gilbert, Renee Adoree and Karl Dane. (1930). Multi-purpose Room. Also "Attack" Directed by Robert Aldrich with Jack Palance, Lee Marvin and Eddie Albert.

8 p.m. Eckankar, The Ancient Science of Soul Travel weekly discussion. Loft II, Willard Straight Hall.

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

8 p.m. Lecture: "From Marxism to Socialism." Tom Milstein. GS 242. Sponsored by YPSL.

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

9 p.m. Purim Service. Time and place to be announced.

9 p.m. Israeli Folk Dancing. One World Room, Anabel Taylor Hall.

### Friday, March 8

12:15 p.m. Cornell Women's Studies Program Sandwich Seminar. "The Supremacy of Women." Rhoda Lerman, author of "Call Me Ishtar." 120 Ives Hall. Bring your lunch, coffee available, open to the public.

2:30 p.m. International Women's Day. The Women's Experience in other countries, featuring Gabriela Samper, from Colombia, "Voices from Prison — A Testimony." Discussion with area women from foreign countries will follow. Refreshments. Founders Room, Anabel Taylor Hall.

4 p.m. Western Societies Program Seminar. Franklin Mendels, an historian from the University of Montreal will speak on "Contrasts Within a Region: The Case of Flanders in the Eighteenth Century." Room 153 Uris Hall.

4 p.m. Psychology Colloquium Series. Dr. Mary Potter, M.I.T., "Names and Pictures." Room 202 Uris Hall.

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

8 p.m. Film: "Operant Conditioning." Goldwin Smith D. Sponsored by Mu Epsilon Delta.

7 & 9:15 p.m. \*Cornell Cinema Film: "Enter The Dragon" with Bruce Lee. Ithaca Premiere! Uris Auditorium. Open to the Public.

8 p.m. \*Cornell Cinema Film: "Doctor Zhivago" with Julie Christie and Omar Sharif. Ives 120. Attendance limited to Cornell Community.

8:15 p.m. Music Dept. Concert: Scott-Martin Kosofsky, recorder. Works of Telemann, Hotteterre, vanEyck, Stockhausen and Bussotti. Barnes Hall.

8:15 p.m. \*University Theatre Production. "A Doll's House" by Henrik Ibsen. Willard Straight Theatre. See 3/7.

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

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

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, March 9

9 a.m.-1 p.m. Table Tennis Tournament — Yale. Barton Hall.

9 a.m.-4:30 p.m. Workshop in basic counseling and group leadership skills for teachers. Call Gurdon Brewster, 256-4219, if interested. Sponsored by the TA Workshops.

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

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

5:15 and 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 p.m. \*Cornell India Association Film: "Lal Patthar." Goldwin Smith D.

7 & 10:30 p.m. "Doctor Zhivago" with Julie Christie and Omar Sharif. Ives 120. Attendance limited to Cornell Community.

8 p.m. \*Gay Liberation Dance. Memorial Room, Willard Straight Hall.

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

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

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

9 p.m. Purim Party. Rock Band. Donlon Formal Lounge.

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.

7 & 9:15 p.m. \*Cornell Cinema Film: "Enter The Dragon." Uris Auditorium. See Mar. 8.

### Sunday, March 10

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

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

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

11 a.m. Sage Chapel convocation: Archbishop Iakovos, Greek Orthodox Archbishop of North and South America, N.Y.C.

1 p.m. & 3 p.m. Johnson Museum Matinee Series: "Surrealist Films." Tickets available at the Museum and may be picked up by Members the week before showing and by Non-members on the day of showing.

3 p.m. \*Black Film Series. Ives 110. Sponsored by University Unions Program Board.

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

7 p.m. A Radio Play presents "Before the Monday" by Giles Cooper on WVBR-FM, 93.5.

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

7:15 p.m. \*Gilbert and Sullivan's "The Pirates of Penzance." Statler Auditorium. Presented by the Cornell Savoyards.

8 p.m. \*Cornell Cinema Film: "Harold And Maude" with Ruth Gordon. Uris Auditorium. Attendance limited to Cornell Community.

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

### Monday, March 11

4:30 p.m. Field of Nutrition Seminar Program: "Effect of Malnutrition on the Development of the Cholinergic Enzymes." Curtis Eckhart. 100 Savage Hall. Coffee at 4:15.

8 p.m. Biology and Society Lecture Series: "Sharks and Survival," by Perry W. Gilbert, professor and director of the Mote Marine Lab in Sarasota, Florida. Statler Auditorium.

8 p.m. Lecture: "The Archeological Background of the Patriarchal Period: A Challenge to Established Views." Dr. William G. Dever, Director, Albright Institute of Archaeological Research, Jerusalem. Kaufmann Auditorium. Sponsored by Intercollege Concentration in Archaeology.

4:30 p.m. Music Dept. Concert: Symphonic Band. Fred Geissler, director. Memorial Room, Willard Straight Hall. Works of Percichetti, Williams, Schumann, Prokofiev and others.

8 p.m. \*Cornell Cinema Film: "Charade" with Cary Grant and Audrey Hepburn. Uris Auditorium. Attendance limited to Film Club Members.

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

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

### Tuesday, March 12

4:30 p.m. Dept. of Geological Sciences Seminar: "Direct seismic indicators of hydrocarbon occurrence — their strengths and weaknesses." Mr. K. H. Waters, Director of Geophysical Research Continental Oil Company. 212 Kimball Hall. Coffee at 4 p.m.

7 p.m. "The Jew In American Society." Religious Community. Gerald Milch. The Forum Anabel Taylor Hall.

7:30 p.m. Food Facts and Fads: "Legumes" — Keith Steinkraus, Dept. of Food Science — Geneva. Uris Auditorium.

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

8:15 p.m. \*Bailey Hall Concert. Rudolph Serkin, piano. Works of Bach, Schubert, Brahms and Beethoven. Bailey Hall. Sponsored by Dept. of Music and Faculty Committee on Music.

9 p.m. Cornell Cinema Film: "Pandora's Box" with Louise Brooks. FREE and open to the public. Uris Auditorium.

### Wednesday, March 13

7 & 9:15 p.m. Beginners and Advanced Conversational Hebrew. 314 Anabel Taylor Hall.

7:30 p.m. Lecture: "Lecturing principles and techniques for communicating content to large groups." Charles Russell. G-08 Uris Hall. Sponsored by the TA Workshops.

7:30 p.m. Informal Discussion: Feminists and Marriage-Part

II; Alternatives: Open Marriage, Group Marriage, Single Parents. Ives Undergraduate Lounge. Sponsored by United Sisters.

8 p.m. Lecture: "Israel Society Today" — Amos Elon. Ives 120. Sponsored by Hillel Foundation.

8 p.m. Weight Control Workshop by and for Cornell Students. Beginning March 13. If interested, call 273-3372. Reba Siltan.

8 p.m. \*Cornell Cinema Film: "Tokyo Story." Co-sponsored by the China-Japan program. Attendance limited to Cornell Community. Uris Auditorium.

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

### Thursday, March 14

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

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

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

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

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

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

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

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

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

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

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

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

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

### Exhibits

Franklin Gallery: Senior Group Show Mar. 4-15.

History of Science Collections: Recent Acquisitions, charged monthly.

Herbert F. Johnson Museum: Neon Sculpture by Stephen Antonakos — to Mar. 10; The Genre Paintings of Robert S. Sloan — to Mar. 10; Music and Dance in Prints: 1500 to the Present — to Mar. 24. Hours: Tues.-Sat. 10 a.m.-5 p.m., Sun. 11 a.m.-5 p.m., Mon.-closed.

Olin Library: "Bookbindings by Fleda Straight Myers" — to Mar. 31.

Sibley Dome Gallery: Feminist Art Studio — Mar. 4-15.

Uris Library: "Cornell University Press Books."

Uris Library Listening Room now open during supper hour, Monday through Thursday. Hours for spring semester: Mon-Thurs. 10 a.m.-11 p.m., Fri. 10 a.m.-4, 7 p.m.-10 p.m., Sat. 1 p.m.-5 p.m., Sun. 1 p.m.-6 p.m., 7 p.m.-11 p.m.

### Announcements

Deadline on entries for Intramural Volleyball is Friday, March 8, at 2 p.m. in the Intramural Office.

Deadline on entries for Intramural Badminton is Monday, March 11, at 2 p.m. in the Intramural Office.

\*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.

### Nominations

Continued from Page 4

(1971-77); Cora Du Bois, anthropologist (1971-77); Manfred Eigen, chemist (1971-77); Northrop Frye, literary critic (1965-75).

Also: Ernst Gombrich, art historian (1970-76); Ralph Gomory, mathematician (1970-76); Louis Guttman, sociologist (1972-78); J. George Harrar, agricultural scientist (1971-77); Sir Fred Hoyle, astrophysicist (1972-78); Barbara McClintock, geneticist (1965-74); Octavio Paz, essayist and poet (1972-78); J. Robert Schrieffer, physicist (1969-75); M.N. Srinivas, anthropologist (1970-76); Georg Henrik von Wright, philosopher (1971-77).