



Testing for brucellosis, a contagious disease that causes abortion in dairy cows and can pose a threat to human health, is a major service performed by the Diagnostic Laboratory.

## COSEP Leaders Support Changes

The "high level commitment" of Cornell faculty and administration gives several minority education officials hopes for satisfactory funding, staffing and programs to enhance minority life at the University.

That message was given by Darwin Williams, director of minority educational affairs; William Collins, associate director, and Carl Brown, associate dean of admissions and financial aid, at a news conference last Thursday in the Day Hall Board Room.

Williams called the news conference to comment on and discuss the "Comprehensive Plan for Minority Education at Cornell University" and the 1977-78 annual report for minority education, both made public last week.

The two-part plan, available at the reference desks of Olin and Mann Libraries and the minority affairs office, 100 Barnes Hall, is the result of a two-year survey of all resources available to Cornell's minority community through the University's minority affairs efforts.

Williams opened the news conference with a statement on minority education at Cornell which appears on Page 2.

In response to a question, he said many minority programs in the United States had "failed because they did not get faculty support and...university support as a high level commitment. I

think at Cornell you have both of those in this reorganization plan."

On the question of financial aid, Brown said, "So far, the financial aid for the (minority) students is being planned to continue at the same level that it has in the past...At this point, I'm hoping that we're still going to have the same dollar level, per student, as we try to increase the...number of students who actually enroll..."

He did, however, say more money must be spent in order to bring more minority students to Cornell.

Despite Cornell's struggle for financial equilibrium, Williams believes money can and should be spent to add minority faculty.

"If the priority is to save money but still recruit minority faculty, I feel it can be done," he said. "I think that has to be raised by the provost to the deans and department heads: even in the face of economic cutbacks, affirmative action does not go by the boards."

For the immediate future, Williams sees retention of minority students at Cornell as "our number one priority." Minority students entering Cornell often have weaker records than majority students, Williams said, "and they are in the same classes" here.

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## New Veterinary Lab to Be Dedicated

Gov. Hugh Carey is scheduled to participate in the formal dedication of the new \$1.7-million New York State Diagnostic Laboratory at the State College of Veterinary Medicine beginning at 10 a.m. Tuesday, Oct. 17, at the Veterinary Oval.

In case of bad weather, ceremonies will be held in James Law Auditorium in the college's Schurman Hall.

Also participating in the dedication will be J. Roger Barber, commissioner of the New York State Department of Agriculture and Markets; P.R. (Bobby) Smith, assistant secretary for marketing services in the U.S. Department of Agriculture; William T. Smith, state senator from the 51st District; Cornell President Frank Rhodes; Dr. Edward C. Melby Jr., dean of the college, and Dr. Bruce W. Widger, vice chairman of the Buildings and Properties Committee of the Cornell Board of Trustees.

The diagnostic laboratory, built at Cornell with funds from the State Department of Agriculture and Markets, is the major veterinary diagnostic service facility in the state and serves as an academic unit of Cornell's College of Veterinary Medicine.

Approximately two-thirds of the laboratory's workload involves testing of materials, at no charge, for New York State veterinarians when the examinations are important to the identification, control or eradication of contagious conditions in food- or fiber-producing animals in the state. Operating funds for this service are provided by the State Department of Agriculture and Markets.

A battery of 141 tests was recently added to the

laboratory's capability in order to promote the state's expanding animal export industry. Largely because of the tests available through the diagnostic laboratory, New York State in the last six months was able to export some \$40 million of certified disease-free dairy cattle.

The laboratory also operates an equine drug testing and research program for the State Racing and Wagering Board designed to ensure that horses are not given stimulants, pain-killers or other illegal drugs before races. The laboratory conducts track-side testing, more elaborate analyses in its central facility and research to develop more sophisticated drug testing procedures.

Another major regulatory function of the laboratory is the testing program for brucellosis in cattle. Brucellosis, a contagious disease that causes abortion in dairy cattle, can also pose a human health threat because the disease-causing bacteria often lodge in the udder, from where they can enter the milk. Through identification of disease-carrying cows and herds, the laboratory's testing program aims to eradicate brucellosis, which has resurfaced recently as a major threat to the state's dairy industry.

The laboratory, which is equipped with sophisticated analytic instruments and staffed by a multi-disciplinary team of diagnostic experts, offers a wide range of diagnostic services for the animal industries of the region including programs in toxicology, bacteriology, virology, serology, parasitology, endocrinology and preventive medicine.

The laboratory's diagnostic experts also work to evaluate current diagnostic tests and to develop new ones, participate in the teaching and research programs of the College of Veterinary Medicine and train specialists in laboratory diagnostic medicine through graduate and residency programs.



## Disruption Will Lead to Beautification

The University is taking advantage of considerable landscape disruption at the east ends of Stimson and Day Halls, necessitated by several maintenance projects, to improve the area for visitors, the handicapped and those who park and wait for buses in the area.

A special gift from Presidential Councillor and Trustee Emeritus Harold Uris, together with some Campus Beautification funds, will be used in conjunction with maintenance funds.

Once maintenance on steam lines and foundation drains has been performed, a paved terrace will be installed in front of Stimson and extending across Tower Road to include the Day Hall entrance, providing level access to both buildings. This terrace will include benches, improved planting beds and directory information and is expected to be a focal point for campus visitors. Lighting in the area also will be improved.

The maintenance work and

construction of the terrace, scheduled to be completed this fall, will temporarily close the street between Day and Stimson Hall to parking and traffic and inconvenience people using the east entrance of Stimson and the northeast entrance of Day Hall.

Additional utility repair and road work between the two buildings will take place next summer, after which more parking space will be created in the area and landscaping will be completed.

### Chronicle Publishing Schedule

Here is the publication schedule of the Chronicle for the remainder of the academic year:

Oct. 19	Dec. 7	Feb. 22	April 12
Oct. 26	Jan. 18	March 1	April 19
Nov. 2	Jan. 25	March 8	April 26
Nov. 9	Feb. 1	March 15	May 3
Nov. 16	Feb. 8	March 29	May 17
Nov. 30	Feb. 15	April 5	June 7

# COSEP Leaders Support Changes

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"What we try to assess is: What is the best educational intervention that we can give to help the students, once they get here, to graduate? After we've built the program up, we've got to see what's happening at the other end: How many students are graduating? We think the number of COSEP students who graduate is going to increase under this new program."

Williams said there has been more use of all COSEP services during the last two years. This view was supported by Collins, who directs the Learning Skills Center.

"We have seen students utilizing the services earlier, sooner, which I think is the indication we are looking for," he said. Students are realizing, he said, that they should get tutorial help early in the semester and not use it as a "crisis intervention program" when they are "in very deep trouble."

"In (every) case the evidence would tend to suggest that, yes,

## U.N. Official Is Chapel Speaker

Ahmad Sakr, United Nations Secretary General of the Muslim World League, will be the speaker at the Sage Chapel convocation at 11 a.m. Sunday, Oct. 15. The sermon topic has not yet

the students are utilizing the services more," Collins stated.

Williams said the current COSEP program is strongest because "it's part of the fabric of the University and not something on the periphery....I think there's so much strength there that it is unquestioned in my mind that over the long run (it will) show better results in terms of student life at the University."

been announced.

Music is provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, University organist and Sage Chapel choirmaster.

# Williams Assesses Minority Education

Following is a statement distributed to news media at the start of the new conference which is the subject of the accompanying article. It was written by Darwin Williams.

Minority Education programs at Cornell in the past two years have risen from controversy and turmoil to a new level of organization, purpose and direction. Several years ago this campus was embroiled in disagreements and discussion over the reorganization of COSEP. Many felt that the University's plan to reorganize the program was in fact a racist attempt to dismantle COSEP. Others saw merit in the plan which could, with some modifications, be a viable strategy to institutionalize minority affairs and bring about more accountability and commitment from the University for COSEP students and staff...

What has happened since 1976? First, the University chose to implement its plan rather than one presented by a group of students. I have read the student proposal. Many good ideas were encompassed within their plan. The most salient point is that it represented a minority group striving to shape its own destiny/self-determination... I believe that the university should have made a greater effort to enlist students, staff and faculty during those trying days. (Maybe it was impossible.)

Second, a new COSEP director was appointed. The University was looking for someone with a perspective of administration that would bring the colleges and COSEP into a working partnership for minority students. The director's primary task was to assist in developing college plans for minority education, and evaluate the existing programs in order to strengthen the weaknesses and embellish the strong points. The most controversial aspect of the director's role in those days rested in his authority and power. Placing COSEP in the political perspective, students felt that the reorganization stripped his power over the program and gave it to the colleges, which historically had little interest in minority programs. The University tried to answer this question by creating positions of assistant deans for minority affairs, or their equivalent, in each college. In the University's view, this would strengthen and broaden the administration of COSEP into each college and increase the number of minority staff by at least six new persons. At that time, only the Arts College employed a minority assistant dean. The past two years have witnessed the appointments of persons in every col-

lege. In addition, other staff were hired in the Campus Life Division, Athletic Department, Gannett Clinic, Financial Aid and the University Registrar. It would appear that Cornell has gone further than expected in hiring additional minority staff in the past 24 months.

Third, the new minority staff has been actively involved in the development of the College Plans for Minority Education—

Fourth, the COSEP Program has made a concerted effort to restructure its program and activities toward a multi-ethnic and cultural perspective: The central staff has been increasing its employment of Hispanics and Asian-Americans. Most recently, an American Indian has been appointed to the staff. Some people have viewed this as non-blacks replacing blacks in the office. However, it should be noted that the six new assistant deans and other appointments mentioned previously went to blacks in every instance. Therefore, the effect was greater representation ethnically without a net loss of black personnel. In addition, the work-study program was utilized to hire a greater distribution of ethnic persons in the COSEP office per se.

Fifth, the Minority Education Council (chaired by the provost) and the COSEP Coordinating Committee were created to provide direct access for the minority constituency and other University personnel to the provost and director of COSEP. Each of these groups is composed of students, deans, faculty and administrative staff. The Minority Education Council's role is to set policy and review programs while the Coordinating Committee is expected to advise the director on program operations. The ultimate success of these groups will be affected by the participation of those who are directly related to Minority Affairs on campus....

Now that we are beginning a new academic year, our focus should be directed on issues and problems that lay ahead. In order to overcome these obstacles, we will need to achieve the following:

Staff:

1. Better communication between students, staff and University administrators;
2. Mutual support for program and activities of all colleges, ethnic groups and administrative units;
3. Greater sensitivity to ethnic and cultural differences of students and staff;
4. Greater sense of unity and purpose for minority education even though many are situated in other administrative units. "Turf" and authority issues have often hindered programming in the past. We will need to resolve the

points of differences and move ahead.

The Cornell administration must:

1. be vigilant in its commitment for the continued support of minority programs;
2. demonstrate strong leadership regarding the problems on the campus, nation and the world concerning Third World people;
3. always involve minorities at every level of the University regarding policy making, planning and implementation of programs;
4. take an affirmative stand in reducing and eradicating racist practices at every level.

The students must:

1. be actively concerned with their status at Cornell and the quality of educational opportunities offered by the University;
2. communicate their satisfaction/dissatisfaction to COSEP and the University administration; work with them to help resolve those issues of concern on a continuous, rather than crisis-oriented basis;
3. be concerned and involved with issues across ethnic lines;
4. Strive toward academic achievement; maintain as a high priority the goal of academic excellence.

In conclusion, minority programs in higher education today are facing attacks from legislative, economic and racial forces in our society. At Cornell, we will survive only through the unified support of all minority student groups, faculty and University administrators

## Master's Thesis Wins Award

William Warren Smith, a doctoral candidate in research economics was named the 1978 winner of the \$600 Master's Thesis Award of the American Institute of Cooperation at their annual meeting recently at Montana State University.

The Institute sponsors this annual award to encourage research and study on the cooperative method of doing business. Three cash prizes are awarded: one for a Ph.D. dissertation and two for master's theses.

Smith's thesis, "Economic Coordination and Growth in Agricultural Cooperatives: A Study of the Fruit and Vegetable Industry in the U.S.," was completed as part of the requirements for a master's degree in agricultural economics from the State College of Agriculture and Life Sciences.



# Job Opportunities

The following are regular continuing full-time positions unless otherwise specified. Please do not inquire at individual departments. An equal opportunity employer. Individuals on lay-off status will be given preference in referrals.

(\* ) indicates new this week.

## CLERICAL POSITIONS

- \* Admin. Aide, A-18 (Dean's Office, A&S)
- Sr. Admin. Secy., A-17 (Office of Minority Education)
- Sr. Admin. Secy., A-17 (Design & Project Mgmt.)
- \* Admin. Secy., A-15 (Mathematics)
- \* Admin. Secy., A-15T (Chemical Engineering)
- \* Admin. Secy., A-15 (U. Libraries)
- \* Admin. Secy., A-15 (Dean of Students)
- Library Asst. III, A-15 (Univ. Libraries, Olin)
- Admin. Secy., A-15 (Dean's Office, A&S)
- Admin. Secy., A-15 (Chemistry)
- Admin. Secy., A-15 (Personnel)
- \* Sr. Account Clerk, A-13 (Purchasing)
- \* Dept. Secy., A-13 (Div. of Basic Studies, Engr.)
- Dept. Secy., A-13T (Civil & Env. Engineering)
- Searcher I, A-13 (U. Libraries, Olin)
- Dept. Secy., A-13 (B&PA)
- Dept. Secy., A-13 (Financial Aid)
- Sr. Account Clerk, A-13 (C.U. Press)
- Dept. Secy., A-13 (Cornell University Press)
- \* Lib. Asst. II, A-12 (U. Libraries, Olin)
- \* Lib. Asst. II, A-12 (U. Libraries, Olin)
- Sr. Clerk, A-12 (Admissions Office)
- Lib. Asst. II, A-12 (U. Libraries, Olin)
- Lib. Asst. II, A-12 (Univ. Libraries, Olin)
- Lib. Asst. II, A-12 (Univ. Libraries, Africana)
- Steno I, A-11 (COSEP, Minority Educ. Affairs)
- \* Admin. Aide, NP-11 (Education)
- Admin. Clerk III, NP-9 (Finance & Business)
- \* Admin. Secy., NP-8 (Pomology)
- Admin. Secy., NP-8 (Nutritional Sciences)
- Admin. Secy., NP-8 (Veterinary Microbiology)
- Admin. Secy., NP-8 (DCS, Mastitis Control)
- Admin. Secy., NP-8 (Ag. Engineering)
- Steno II, NP-6 (NYSSILR)
- Steno II, NP-6 (Div. of Nutritional Sciences)
- Steno II, NP-6 (Microbiology - Ag.)
- Steno II, NP-6 (Education)
- Steno II, NP-6 (Nutritional Sciences, 1 year)
- \* Steno I, NP-5 (Human Ecology)

## SERVICE & MAINTENANCE POSITIONS

- \* Control Mechanic (Maint. & Svc. Ops., Union)
- \* Refrigeration Mechanic (Maint. & Svc. Ops., Union)
- Experimental Machinist, A-19 (Lab Nuclear Studies)
- Cook I, A-15 (Residence Life)
- Short Order Cook I, A-14 (Dining Services)
- \* Groundswoker, A-14 (Statler Inn)
- Custodian, A-13 (Bldgs. & Grounds)(6)
- Custodian, A-13 (Dining Services)
- \* Cashier II, A-11 (Statler Inn)
- Food Service Worker, A-11 (Dining Services)
- \* Sr. Maint. Spvr., NP-14 (Farm Services, Geneva)
- Heating Plant Worker, NP-8 (Bldgs. & Prop., Geneva)
- \* Field Asst. II, NP-7 (Agronomy)
- \* Head Greenhouse Worker, NP-10 (Plant Pathology)
- Janitor, NP-6 (Bldgs. & Grounds)
- \* Visual Aids Op., NP-6 (Media Svcs., Printing)

## TECHNICAL POSITIONS

- \* Sr. Synch. Tech., A-19 (Lab Nuclear Studies)
- Sr. Tech. Aide, A-19 (Computer Services)
- Programmer I, A-19T (Computer Science)
- Lab Tech., A-19 (Materials Science Center)
- Res. Tech. IV, NP-14 (Design & Environ. Analysis)
- Programmer C, NP-13 (Education)
- Lab Tech. III, NP-13 (Diagnostic Lab)
- Res. Tech. III, NP-12 (Plant Pathology, Geneva)
- ALab Tech. II, NP-11 (Botany, Genetics & Dev.)
- Experimentalist I, NP-11 (Flor. & Orn. Horticulture)
- Lab Tech. II, NP-11 (Plant Pathology)
- Stat. Clerk IV, NP-10 (Rural Sociology)
- Res. Tech. II, NP-10 (Div. of Nutritional Sciences)
- Res. Tech. II, NP-10 (Div. of Nutritional Sciences)
- \* Lab Tech. I, NP-8 (Biochem., Mol. & Cell Bio.)
- Lab Tech. I, NP-8 (Avian & Aq. Animal Med.)
- Tech. Aide Jr., NP-7 (Flor. & Orn. Horticulture)
- Lab Asst. III, NP-4 (Food Science & Tech., Geneva)
- Sr. Arch., Engr. II, CPO7 (Design & Project Mgmt.)
- Sr. Res. Supp. Spec., CPO6 (Elect. Engineering)
- Comp. Tech. Admin. III, CPO6 (Computer Services)
- Sr. Comp. Staff Spec., CPO6 (Computer Services)
- \* Life Safety Svc. Mgr., CPO5 (Life Safety Svcs. & Ins.)
- Res. Supp. Spec. III, CPO5 (Electrical Engineering)
- Elect. Engineer II, CPO5 (Design & Proj. Mgmt.)
- Res. Supp. Spec. II, CPO4 (Ag. Engineering)
- Res. Supp. Spec. II, CPO4 (Plant Pathology, Geneva)
- Res. Supp. Spec. II, CPO4 (Nuclear Science & Engr. & Applied & Engineering Physics)
- Res. Supp. Spec. II, CPO4 (Plant Pathology, Geneva)
- Res. Supp. Spec. II, CPO4 (Mat'ls Science & Engr.)
- Comp. Tech. Admin. I, CPO4 (Computer Services)
- Res. Supp. Spec. I, CPO3 (Programmer)(Mat'ls Science Ctr.)
- Appl. Programmer I, CPO3 (Computer Services)
- Appl. Programmer I, CPO3 (Computer Services)
- Appl. Programmer I, CPO3 (Computer Services)
- Admin. Spvr., CPO3 (Media Services)
- Asst. Mgr.-Rad. Safety, CPO3 (Life Safety & Rad. Safety)
- Res. Supp. Spec. I, CPO3 (Lab Nuclear Studies)
- Res. Supp. Spec. I, CPO3 (Food Science & Tech., Geneva)
- Appl. Programmer I, CPO3 (Agronomy)
- \* Res. Supp. Aide, CPO2 (Div. of Nutr. Sciences)
- Res. Supp. Aide, CPO2 (Chemistry)
- Res. Supp. Aide, CPO2 (Chemistry)

## ADMINISTRATIVE POSITIONS

- \* Promotion Manager (University Press)
- Asst. University Counsel (University Counsel)
- Exec. Staff Asst. IV, CPO8 (V.P., Finance & Planning)
- Executive Director, CPO8 (Office of Equal Opportunity)
- Develop. Officer II, CPO6 (University Development)
- Admin. Manager II, CPO5 (Utilities)
- Cost Accountant, CPO5 (Controller, 1 year)
- Admin. Manager II, CPO5 (Cornell Plantations)

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## Minority Affairs Names Abrams Assistant Director

Barbara Abrams, who has been involved in minority programs at the University for the last three years, has been named assistant director for minority affairs and the first staff member to focus on American Indians, according to Darwin P. Williams, director of the University's Office of Minority Educational Affairs.

"Barbara's presence in the office will help meet the needs of all minority students from all ethnic backgrounds, but especially American Indians," Williams said.

Abrams' duties include student recruitment, admissions counseling, advising and counseling American Indians, as well as some general responsibilities with the Higher Education Opportunity Plan (HEOP) and the Education Opportunity Plan (EOP).

Abrams has been executive

staff assistant at Cornell since September 1977. In that position she was coordinator of the Cornell Recycling Program, an assistant director in the Office of Admissions, and coordinator of all aspects of American Indian affairs for the University.

While a graduate intern at Cornell from July 1975 to August 1977, Abrams served as a counselor to American Indians. She was responsible for recruitment, counseling, admissions and program development.

Abrams, who was born on the Tonawanda Indian Reservation in Basom, is a graduate of the State University of New York at Buffalo. Among her numerous interests and activities, she is a member of the National Indian Education Association and the New York State Iroquois Conference.

## Status of Women Group Seeks to Fill Vacancies

The Provost's Advisory Committee on the Status of Women is alive and accessible and living on campus.

"With the proliferation of groups concerned with affirmative action, it's sometimes hard to sort out which is which," according to Ann F. Roscoe, coordinator of the committee. "Our focus is women and anything that affects women on campus."

"Work policies, financial aid, dining, athletics, transportation—anything that may be affecting women differently than it does men—should be brought to the committee."

Four women will have an opportunity to fill vacancies on the committee this month. Florence Berger, committee chairwomen, said faculty members, employees and students are eligible for the spots.

Women interested in joining the committee should contact Roscoe immediately either at 308 Day Hall or by telephone at 256-7596. The committee is expected to select its new members at its Oct. 18 meeting. Anyone not selected for membership at this time will be reconsidered in the future, Berger said.

"We are accessible," she emphasized, and named the present committee members and the constituencies they represent to remind the Cornell community who their contacts are:

Karen Brazell and Pat Carden

(tenured, endowed faculty), Chris Shoemaker and Mary Katzenstein (non-tenured, endowed), Jane Gibson and Nancy Saltford (tenured, state faculty), Jennifer Gerner, Susan Muller and Pam Ludford (non-tenured, state), Jane Hardy (parafaculty).

Also, Nancy Meltzer and Berger (exempt employees), Barbara Jordan, Eva Poysa and Sophie Capolongo (non-exempt), Beth Anderson and Cathy Zick (students), Kelani Woodruff and Virginia Rinker (members at large), Marcia Jebb (libraries).

Alice Cook is a permanent member of the committee. Provost W. Keith Kennedy and Vice Provost Alison Casarett are ex officio members.

Since 1974, the work of the committee has taken its direction from "A Commitment to Equality: One Century Later," a report of the ad hoc Board of Trustees Committee on the Status of Women issued in March of that year.

In 1976, the committee was given the additional responsibility of overseeing Cornell's implementation of Title IX of the Federal Education Act Amendments of 1972, which prohibits discrimination by sex in educational programs or activities which receive federal funds.

The committee was created in 1971 by then-Provost Robert Plane in reaction to concerns about the status of women expressed by women on the faculty.

## Kammen's Book Receives Praise

A book to be published this month by Pulitzer Prize-winning historian Michael Kammen has already started to gain high praise.

"A Season of Youth: The American Revolution and the Historical Imagination," which

will be published by Alfred A. Knopf, was called "a major contribution to cultural history" by author George Dangerfield in the lead review in the Washington Post Book World on Sunday, Sept. 10.

The book examines the changing impact which American culture and attitudes over the last 200 years have had on perceptions of the American Revolution and vice versa. Kammen does this, in part, through analyses of poetry, drama, historical fiction and iconography.

Kammen, the Newton C. Farr Professor of American History and director of Cornell's Society for the Humanities, won the Pulitzer Prize for History in 1973 for his book "People of Paradox: An Inquiry Concerning the Origins of American Civilization." It has been translated into 33 languages by the U.S. Information Agency.

## Profile

# Harkness: Symbolic Secretary

She never drove a truck cross country or coached a championship lacrosse team. She doesn't grow orchids and she's not named after a Hawaiian princess. Nor has she ever been a graduate student with her husband as the working spouse.

No, Ellen Harkness, A-17, administrative secretary in the Office of Sports Information, claims no unusual experiences or qualities such as those that mark the lives of the first five people profiled this year in Chronicle. And she's the first to wonder why she should be a subject now.

"There are so many more people around who you could write about," she observed with embarrassment.

She's right, there are. But Ellen Harkness is representative of 834 Cornell employees who are officially listed as "secretary" — working in jobs similar to hers, with similar backgrounds and with similar satisfactions and frustrations. And, like most Cornell employees, she's generally happy in her job, a condition apparently doubted by some Cornell groups.

Ellen Harkness started working for Cornell as an A-11, a departmental secretary in sports information, on July 1, 1964, with Ben Mintz as her boss. Born in MacDougall and a graduate of Romulus High School and Delhi Agricultural and Technical Institute, she came down to Ithaca after working nine months for an insurance company in Waterloo.

"A girl friend told me there were lots of jobs at Cornell," she recalled. She went on five interviews here, concluding with the one with Mintz. "All the rest sounded boring," she said, so she took the job he offered.

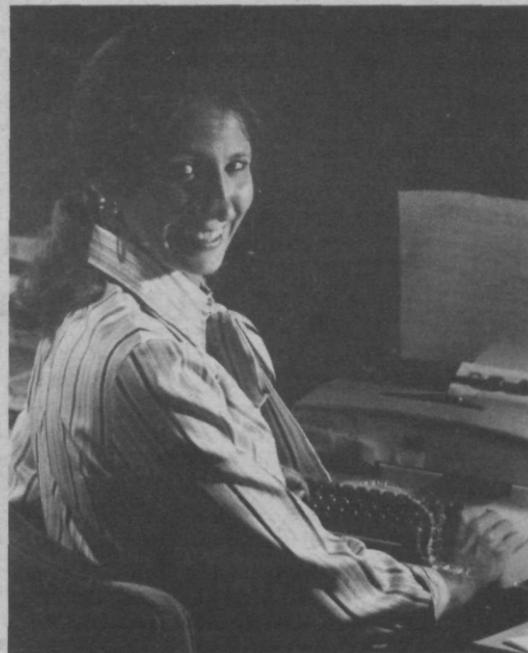
Working around Cornell sports and for Ben Mintz was seldom boring, Ellen said. "Ben demanded perfection and consistency in style. I appreciate that now; I hate to see a mistake of any kind."

A few years after she started working at Cornell, Monica Perry, administrative secretary in the hockey office, introduced Ellen to a student, Tom Harkness, son of the now legendary Cornell hockey coach, Ned Harkness. "I blame it all on her," Ellen said with a smile.

"It" is Ellen's marriage to Tom, which took place on Jan. 13, 1968. "It was the only day Ned could come," according to Ellen, who, like many of the people she has been associated with, has a sharp wit, specializing in the one-liner. Tom, who graduated in 1969, now teaches science at Boynton Junior High School.

A lot has changed in the sports information office since the 1960s and early 70s when it was just Ben and Ellen and a student assistant against the world. Ben retired in 1976. Now there are four full-time staff members, including Ellen, and no less than five student assistants. But the biggest change she notices is the increased attention given to women's sports at Cornell.

"I can remember summer days when I could look at a magazine. Now I'm lucky to get time for lunch," she said. "There's four times as much work now."



Ellen Harkness

"The Marinaro Years," 1969, 1970 and 1971, when Ed Marinaro and Cornell football became national names, are Ellen's most pleasant memories. "In his last two years, we worked with every major news medium," she remembers.

(The excitement and demands generated in Marinaro's senior year were accentuated for Ellen because Ben Mintz was out ill and she ran a good deal of the operation.)

Does she have any "favorites" among the coaches she's met at Cornell over the last 14 years? She laughed and said: "That's a lot of coaches! No, no favorites."

Occasionally, Ellen has thought about changing jobs at Cornell, but said "I wouldn't leave now. I still love the work and I have supervisory responsibility I never had before." Her bosses, Phil Langan and Dave Wohlhueter, wouldn't let her go easily. "Ellen and Dave are the two most efficient people I've ever worked with in my 13 years in sports public relations," Langan said. "She has an amazing personality and temperament. She has to deal with a constant number of pressure situations almost every day of the week. In the year and a half I've been here, I've never seen her lose her calm. She's always handled everything beautifully and in this business that's vital." Maybe it's the can of pop she treats herself to some afternoons that makes Ellen Harkness as good as she is at her job. Maybe the people who've worked with her have just been lucky. Or maybe, just maybe, she's a good example of the skill, dedication, loyalty and hard work exhibited by so many women at Cornell who wrongly describe themselves as "just a secretary."

Robert W. Smith

## Credit Union Plans 25th Year Party

The Cornell Federal Credit Union will celebrate 25 years of growth during an open-house silver anniversary party Thursday, Oct. 19.

Established in October 1953 with 129 members and \$2,430.50 in assets, CFCU to-

day has some \$14.5 million in assets and more than 10,000 members.

The public is invited to the party at the CFCU offices in the basement of Bailey Hall between 3:30 and 6:30 p.m. There will be refreshments, a door prize and gifts from CFCU for those who attend.

There also will be opportunities to gather information

about the credit union and to discuss its operation with staff members. The financial institution was originally established for members of the Cornell Community by seven members of the University's faculty and staff: John J. Fitzgerald, John P. Gilvey, Robert L. Sproull, James A. Krumhansl, Harris B. Dates, W.I. Myers and Diedrich K. Willers.

## Firearms Are Prohibited From Campus

With the start of hunting season, all persons are reminded that firearms of any kind are prohibited by law from the campus.

Students, however, may store their hunting rifles and shotguns at the Department of Public Safety offices in Barton Hall at Cornell, according to an announcement by the department.

In addition anyone wishing to hunt on various parcels of land the University owns in the surrounding countryside must obtain a special permit at the Public Safety offices.

In order to obtain the permit, one must have a valid New York State hunting license and written permission from the manager of the land area involved.

## Recycling Contest Opens

An ice cream spree will be the Halloween prize for the campus residence which recycles the most material in the Cornell

Recycling Program's third annual recycling contest.

The Recycling Program and Ecology House have announced that all dormitories, fraternities, sororities and other small living units may enter the contest, in progress now until Oct. 28. The dormitory and small living unit which recycle the most glass, cans and paper, according to their number of residents, will each win an ice cream spree for Halloween.

To enter the contest and be a part of the continuing recycling program, call Ecology House at 256-5305.

Copy submitted to the Chronicle for publication must be typed, double space, and submitted to the Chronicle Office, 110 Day Hall, no later than Monday noon preceding Thursday publication.



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# Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Address comments to Elizabeth Helmer, Managing Editor, Chronicle, 110 Day Hall. Letters submitted for publication in the Chronicle must be typed, double spaced, with 75 characters to a line, no more than 600 words in length. The Chronicle intends to adhere to this limit because of space and financial restrictions. The deadline is Monday noon at 110 Day Hall. Letters addressed to someone other than the editor, personal attacks against individuals or unsigned letters will not be printed.*

## Red Cross Blood Drive 'Uniformly Successful'

Editor:

On Oct. 2 and 3 the Cornell ROTC Tri-Service Brigade held its semi-annual blood drive in Barton Hall. Cadets and midshipmen provided planning, publicity, recruited donors, and helped the Red Cross set up, take down and in other ways.

A total of 372 units of whole blood were collected over the two days. The blood will be distributed all over Upstate New York for only the cost of processing and collection. With modern componentization techniques, one unit may be used by persons

with four or five different blood types. According to Pat Matthews, a Red Cross representative, students are traditionally heavy donors, and blood drives at Cornell have been uniformly successful. The Brigade would like to express its appreciation to all those who generously donated their time and their blood so that others might benefit. This is one cause which we can all support and applaud.

Hugh J. Price  
Long Range Planning Officer  
ROTC

## Coin Collection to Benefit Athletics

A gift of gold coins valued at \$1 million has been made by Ellis H. Robison '18 of Troy to the University for the benefit of athletics.

The gift, which is one-half of Robison's full gold coin collection appraised at more than \$2 million, formally came to Cornell last Thursday. Robison transferred the coins to Stephen H. Sampson, a Troy attorney authorized by the University to be its agent to receive the coins. Sampson is a 1935 Cornell graduate.

The coins will be sold at auction and the proceeds added to the Robison Athletic Fund, a permanent fund which Robison and the Robison Athletic Fund Committee administer. Use of the new funds and income from them is to be specified by the committee and Robison in the future.

The gift from Robison was first mentioned publicly by him at ceremonies Sept. 22-23 in connection with the dedication of the Robison Athletic Hall of Fame Room at Schoellkopf Hall and the induction of 61 charter members.

That \$228,000 project was funded through a gift from Robison who dedicated the room to the Class of 1918, his fraternities Theta Alpha and Theta Chi and the Cornell Clubs of Northeastern New York.

Robison is known to many Cornellians for his 1970 gift to the Cornell Plantations of the Robison York State Herb Garden, a gift he made in honor of his wife, the former Doris Burgess. The garden has become a nationally recognized horticultural resource containing the most

## GM Gives \$740,000 To Engineering College

Gifts totaling \$740,000 from the General Motors Corp. and the General Motors Foundation have been received by the University for its College of Engineering.

David S. Potter, GM vice president in charge of the environmental activities staff, recently presented a check for \$100,000 to University President Frank Rhodes and Chancellor Dale R. Corson as the 1978 payment of the gift. Potter is GM's executive liaison with Cornell in the corporation's college relations program.

The contributions to Cornell include a grant of \$500,000 from the General Motors Foundation which provides \$300,000 for engineering fellowships in the college's Professional Master of Engineering program, \$150,000 in unrestricted funds and \$50,000 for the Dean's Fund for allocation at the discretion of the dean of the College of Engineering.

In addition, Cornell can expect to receive \$240,000 in scholarships from the corporation for undergraduate engineering students. The grants and scholarship awards will be paid in installments from 1978 to 1982.

"These grants and scholar-

ships have been made in support of the Cornell University College of Engineering," Potter said. "We hope the funds will assist in the further development of the college's already strong academic programs and top quality students."

## Western Societies Studies Receives Grant from Ford

A \$25,000 research grant from the Ford Foundation to the Western Societies Program in the Center for International Studies will be used to study the policy process in six countries.

The researchers will be Douglas E. Ashford, professor of government and director of Cornell's Western Societies Program; T. J. Pempel and Peter J. Katzenstein, associate professors of government at Cornell, and Alan Stone, professor of government at the University of Texas at Houston.

They will examine the interdependence of public policy and politics in each of five countries: Japan, West Germany, Great Britain, France and the United States. Their main focus will be on how the complications and ramifications of public decisions affect politics and government at the national level. The researchers assume that

## Engineering Magazine Wins Award

The Cornell Engineer, a magazine published by the Cornell Society of Engineers, has won awards in six of 11 categories in the annual publications competition sponsored by Engineering College Magazines Associated.

In competition with some 60 ECMA members, the Cornell magazine took two first places, two second places, one third and one honorable mention.

Michael Winseck '77 and Mark Mendelson '79 were managing editors of the student publication during the judging period. Mendelson is currently the managing editor.

This fall the Engineer enters its 93rd year of publication. Founded in 1885 as the Crank, a journal published by the undergraduates of the Sibley School of Mechanical Engineering. The Engineer was formed from a merger of the Cornell Civil Engineer and the Sibley Journal of Engineering.

comprehensive collection of herbs in the United States. Robison has served as a sponsor of the Cornell Plantations since 1964. He is now an emeritus member of the Cornell University Council.

Recent Cornell athletes know him for the "Roby Vans," team vehicles Robison provided the Department of Physical Education and Athletics. He has provided a shell for women's crew and shown strong interest in intramurals and recreational sports activities at Cornell.

Robison is the president, treasurer and principal owner of John L. Thompson Sons and Co., an independent pharmaceutical wholesale company in Troy.

## Creasy Elected

Leroy L. Creasy, professor of pomology in the State College of Agriculture and Life Sciences, has been elected vice president of the Phytochemical Society of North America.

Creasy will be the first Cornell scientist to head this organization since it was established in 1961. Dedicated to the promotion of scientific investigations into plant biochemistry, the society has members in the United States and in 13 foreign countries.

modern governments, unable to isolate the issues they face, simultaneously create a new series of problems which become obstacles to the effectiveness of national decisions and policy objectives.

B.H. Blackwell in Oxford and Temple University Press in Philadelphia will publish their findings in a six-volume series of textbooks intended for upper level courses. Each volume will include six cases and copies of official documents.

Pempel's volume on Japan and Ashford's on Britain will be the first of the series. Others will be on Germany by Katzenstein, France by Ashford and the United States by Stone.

A companion volume of bibliographic material on the six cases from the five countries is now in press and will be published by Sage Publishing Co. in January 1979.

## Job Opportunities

Continued from Page 2

- Dining Manager II, CPO5 (Dining Services)
- Budget Analyst III, CPO5 (Finance & Business)
- Editor II, CPO4 (Media Services)
- Managing Editor, CPO4 (Univ. Relations, 10 mos. year)
- Dining Manager I, CPO4 (Dining Services)
- Personnel Associate II, CPO4 (Personnel)
- Reg. Director I, CPO4 (Public Affairs, NYC)
- SDS III, CPO4 (Arts & Sciences Admissions)
- \*Admin. Spvr. II, CPO3 (Computer Svcs., APS)
- SDS II, CPO3 (Asst. Director)(Univ. Unions, Noyes)
- \*Res. Supp. Spec. I, CPO3 (HD&FS, Syracuse)(2)
- SDS II, CPO3 (Asst. Director)(Univ. Unions, NCU)
- SDS II, CPO3 (Residence Life)
- SDS I, CPO2 (Office of Financial Aid)
- Dining Spvr., CPO2 (Dining Services)
- Dining Spvr., CPO2 (Dining Services)
- Res. Admin. I, CPO2 (Res. Life & Int'l Student Affairs)
- PART-TIME AND-OR TEMPORARY POSITIONS
- \*Temp. Svc. Clerical (Lab of Ornithology, temp. pt)
- \*Temp. Svc. Clerical (Agronomy, temp. pt, poss. of ext.)
- \*Temp. Svc. Clerical (Computer Svcs., temp. ft)
- \*Temp. Svc. Clerical (NYSSILR, temp. pt)
- \*Temp. Svc. Clerical (B&PA, ASQ, temp. pt)
- Admin. Secy., A-15 (Arch., Art, Plann., 9 mos. yr, 20 hrs. wk)
- \*Principal Clerk, A-14 (Dean's Office, A&S, temp. ft)
- Library Searcher I, A-13 (Univ. Libraries, Olin, perm. pt)
- Dept. Secy., A-13 (Music, perm. pt)
- \*Sr. Clerk, A-12 (Purchasing, perm. pt)
- Sr. Clerk, A-12 (C.U. Press, perm. pt)
- \*Lib. Asst. II, A-12 (U. Libraries, Olin, perm. pt)
- Lib. Asst. II, A-12 (U. Libraries, Olin, 1 year, pt)(2)
- Lib. Asst. II, A-12 (U. Libraries, SEMP, temp. pt)
- Steno, A-11 (COSEP, LSC, perm. pt)
- Steno II, NP-6 (Ag. Engineering, temp. ft)
- \*Clerk I, NP-3 (Biomedical Comm., perm. pt)
- \*Temp. Svc. Svc. (Statler Inn, parttime)
- Temp. Svc. Svc. (Campus Store, casual)
- \*Laundry Worker II, A-12 (Gen'l Svcs., Laundry, perm. pt.2)
- Food Svc. Worker, A-11 (Statler Inn)(temp. ft)
- Inventory Clerk (Costumes, NP-9 (Des. & Env. Analysis, temp. pt)
- Temp. Svc. Museum Guard (Johnson Museum, temp. pt)
- \*Temp. Svc. Tech. (Plant Pathology, temp. pt)
- Temp. Svc. Tech. (Plant Pathology, temp. ft)
- \*Temp. Svc. Tech. (Lab Nuclear Studies)(2)
- Temp. Svc. Tech. (Biological Sciences, perm. pt)
- Temp. Svc. Tech. (LASSP, temp. ft)
- Temp. Svc. Tech. (Seed & Veg. Sciences, G., temp. pt)
- Tech. Aide II, NP-11 (ETV Ctr., Media Svcs., perm. pt)
- \*Jr. Lab Tech. NP-6 (Vet Microbiology, temp. pt)
- \*Lab Asst. III, NP-5 (DCS - Surgery, temp. ft)
- Programmer II, A-21 (Computer Services, temp. pt)(2)
- Programmer I, A-19 (Computer Services, temp. pt)(2)
- Programmer I, A-19 (Psychology, temp. pt)
- Systems Programmer III, CPO5 (Computer Services, 1 yr.)
- SDS III, CPO5 (Dean of Students, temp. ft)
- Systems Programmer II, CPO4 (Computer Services, 1 yr.)
- Regional Director, CPO4 (U. Develop., Cleveland, pt)
- Appl. Programmer I, CPO3 (Comp. Svcs., temp. pt)
- Systems Programmer I, CPO3 (Comp. Svcs., 1 year)
- \*SDS I, CPO2 (Div. of Acad. Svcs., temp. ft)
- Temp. Svc. Prof. (A&S Dean's Office, temp. pt)
- ACADEMIC - FACULTY POSITIONS (Contact Dept. Chairperson)
- \*Asst. Professor(s) (Economics)
- \*Visiting Asst. Prof. & Lecturer (Economics)
- \*Ext. Assoc. I, CPO3 (NYSSILR)
- \*Asst. Prof., Org. Behavior (NYSSILR)
- \*Asst. Prof., Collect. Barg., Labor Law & Labor History (NYSSILR)
- \*Asst. Prof., Spanish Linguistics (Dept. of Modern Languages & Linguistics)
- \*Asst. Prof. - Chinese Linguistics (Dept. of Modern Languages & Linguistics)
- \*Asst. Prof. (Dept. Comparative Literature)
- \*Res. Assoc. IV, CPO6 (Education)
- \*Sr. Res. Assoc. I, CPO7 (Education)
- \*Res. Assoc. II, CPO4 (Agric. Engineering)
- Extension Assoc. IV, CPO6 (NYSSILR)
- Research Assoc. II, CPO4 (Lab Nuclear Studies)
- Sr. Asst. Librarian, CPO3 (Univ. Libraries, Law)
- Asst. Librarian, CPO2 (Univ. Libraries, Engineering)
- Research Assoc. II, CPO4 (Mech. & Aero Engineering)
- Asst. Professor (Electrical Engineering)
- Asst. Professor - Swine Nutrition (Animal Science)
- Asst. Professor - 4H Dairy Ext. & Res. (Animal Science)
- Asst. Professor (Entomology)
- Asst.-Assoc. Prof.-Turfgrass Science (Flor & Orn. Hort.)
- Asst.-Assoc. Prof.-Horticulture Physiology (Flor. & Orn. Horticulture)
- Res. Associate II, CPO4 (Food Science)
- Asst. Prof. (Plant Breeding & Biometry)
- Asst. Prof. (Vegetable Crops)
- Assoc. Dir., Ag. Exp. Station & Assoc. Director of Research (Office of the Director of Research, CALS)
- Director of Coop. Extension (NYS Coop. Extension)
- COOPERATIVE EXTENSION (Contact 212 Roberts Hall)
- \*Agent, 4-H (Columbia County, Hudson NY)
- \*Agent, Agriculture, CHD (Malone, NY)
- \*gent, Home Economics (New Hartford, NY)
- \*gent, 4-H (Saratoga Springs, NY)
- \*Agent, Operation Hitchhike (Cobleskill, NY)
- \*Agent, Program Leader, Suffolk County Farm, Riverhead)
- \*Agent, 4-H (Ithaca, NY)



## Baker Lecture Series To Feature Chemist Lehn

Jean-Marie Lehn, professor of chemistry at the Universite Louis Pasteur de Strasbourg, France, will deliver the 1978 Baker Lecture Series this fall.

The lectures, to be held at 11:15 a.m. Tuesdays and Thursdays, Oct. 17 through Nov. 30, in 200 Baker Laboratory, will deal with "Cryptates: The Chemistry of Macropolycyclic Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts."

The Baker Lectures, one of the most prestigious chemistry lecture series in the country, were

endowed in 1925 by George Fisher Baker "to invite the most eminent chemists of the world" to lecture at Cornell. Almost a dozen Nobel laureates have been among the Baker Lecturers, and the lectures have been the basis for many books.

Lehn received his undergraduate and graduate training at the University of Strasbourg. He was a postdoctoral research fellow at Harvard University in 1964, and has been a part-time visiting professor of chemistry at Harvard since 1974.

## Theatre Season Opens: 'House of Bernarda Alba'

Cornell University Theatre's opening production of the season, "The House of Bernarda Alba," will begin this evening at 8:15 in the Willard Straight Theatre. The play will be given on a repertory schedule throughout the fall term, on Thursday through Saturday, Oct. 19-21, Nov. 9-11 and Nov. 30-Dec. 2. All performances will be at 8:15 p.m. in the Willard Straight Theatre.

Tickets are on sale at the Willard Straight Theatre Box Office, lower floor, 3 p.m. to 6 p.m., Monday through Friday. Call 256-5165 for reservations.

"The House of Bernarda Alba," a Spanish play written by Federico Garcia Lorca, is the final play in Lorca's trilogy on tragic love, which included also "Blood Wedding" and "Yerma." Completed in 1936 shortly before Lorca's death at the hands of th

Falangists in Spain's Civil War, it was also the last complete play in his repertory.

As in his other plays, the theme is frustration, honor and death. Lorca described the play as a "photographic document" of the women in the Andalucian peasant villages of Spain—a black and white picture, photographically composed in its simplicity, yet exposing the deep passion and humanity of his characters, he said.

The play focuses on the lives of eight women in one household: a mother, grandmother, servant and five daughters. The mother, Bernarda, played by Anne Atkins, is portrayed as a harsh figure who has supreme power over the other seven women. The play is directed by Jagienka A. Zych.

## Numismatist to Give Talk

Philip Grierson, a world famous student of money and a senior visiting fellow this fall at the Society for the Humanities, will deliver a lecture at 4:30 p.m. Thursday, Oct. 12, in the new Hollis Cornell Auditorium of Goldwin Smith Hall.

Grierson's topic will be "The

Iconography of Byzantine Coinage."

A medieval historian and numismatist, Grierson has been Honourable Keeper of the Coins at the Fitzwilliam Museum in Cambridge since 1949, and professor of numismatics and the history of money at the University of Brussels since 1948. He has been adviser in Byzantine numismatics to the Dumbarton Oaks Library in Washington, D.C. since 1955.

Grierson has been a fellow of Gonville and Caius College at the University of Cambridge since 1935. He served as president of the college from 1966 to 1976.

He is the author of numerous books, including "Sylloge of the Coins of the British Isles," "Numismatics" and "The Origins of Money."

## Ornithology Lecture Topic: Colonial Birds

Donald McCrimmon, a biologist in the National Audubon Society's Research Department and director of the Laboratory of Ornithology's Data Records Program, will speak on "Effects of Timing and Spacing of Nests on Reproductive Success in Colonial Birds" at 7:45 p.m. Monday, Oct. 16, at the Laboratory of Ornithology, 159 Sapsucker Woods Road.

His talk, part of the laboratory's Monday evening seminar series, is free and open to the public.

## Tukey Elected

H. B. Tukey Jr., professor of floriculture in the State College of Agriculture and Life Sciences, has been elected vice president of the International Society for Horticultural Science for a four-year term.

The international organization, with its headquarters in the Hague, the Netherlands, has 1,500 members in 54 countries.

Tukey will be president in 1982 and will serve until 1986, when the society holds its congress in the United States. He will be the first Cornellian and the second American to head this international organization since it was formed in Europe before the turn of the century.

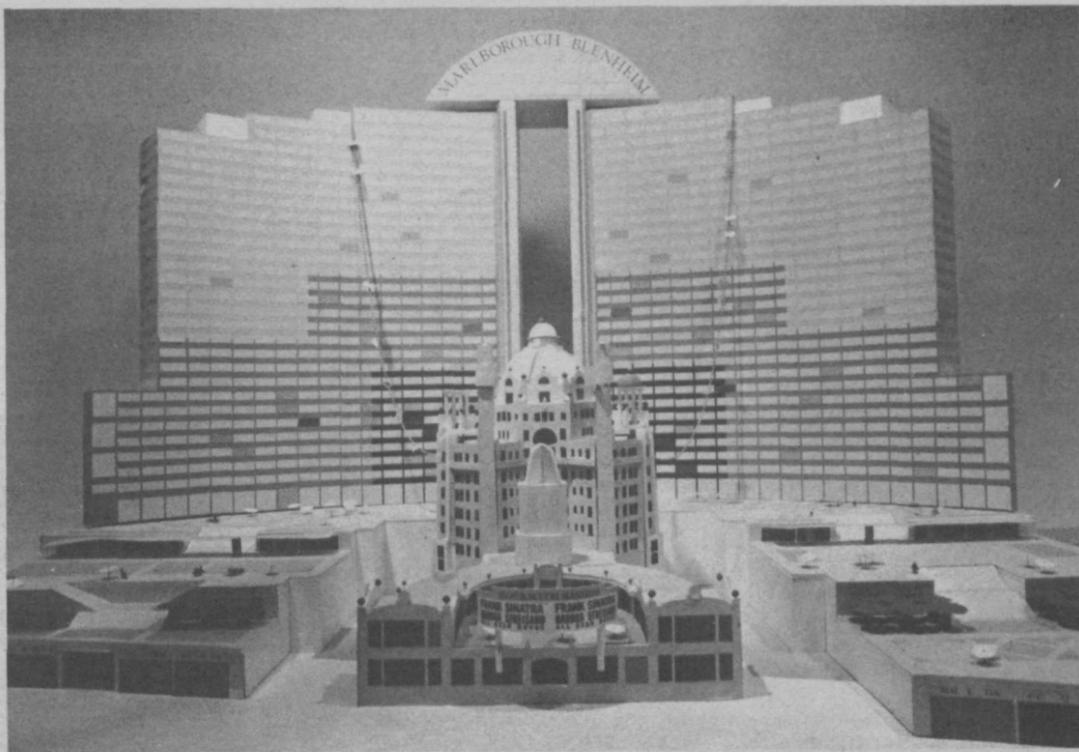
## ILR Alumnus Receives Groat Award

A University of Michigan professor of law will receive the eighth annual Judge William B. Groat Alumni Award from Cornell for his work as a teacher, lawyer, writer and arbitrator.

Harry T. Edwards, a 1962 graduate of the New York State School of Industrial and Labor Relations at Cornell, will receive the award at a 4:30 p.m. ceremony Oct. 20 in Room 120 of Ives Hall.

After the award presentation, Edwards will speak on "Preferential Remedies and Affirmative Action in Employment in the Wake of Bakke," also in 120 Ives.

The award ceremony is part of a two-day conference on Oct. 20 and 21. The panel discussions in 110 Ives at 8:30 and 10:15 a.m. on the 21st, both of which are open to the public, are on equal employment opportunity.



A model of the Marlboro-Blenheim Hotel proposal by Venturi and Rauch is one of several model simulation projects in the exhibit at Johnson Museum. The models are displayed in studio settings giving the viewer the same opportunity as the architect to experiment with lighting effects.

## Viewer Participates in Show

The architect's design tools are no longer limited to the drafting table, mechanical pencil and T-square. Architects are now beginning to use video, computer graphics, photomontage and other sorts of media technology. Some striking examples of their mixed media creations are on exhibit until Nov. 5 at the Johnson Museum.

"Architecture + Media," a collection of works by some of the country's leading architects, planners, photographers and social scientists, invites the viewer to participate in and respond to the works on display, as if the viewer were the client for whom the architect designed.

Elaborate three-dimensional models of buildings can be viewed under various lighting conditions by pushing buttons for morning, afternoon, evening or night light. These model simulations include such projects as the National Gallery by I.M. Pei, who designed the Johnson Museum, the Baltimore Aquarium by Cambridge Seven Associates and the Museum of Modern Art by Cesar Pelli.

In another display, the viewer can "walk through" the interior of a model by maneuvering a video camera that projects what it sees onto an accompanying television screen.

Photomontage processes have allowed architects to conceptualize alternatives in city design, as in Civilia, an imaginary city built on land already blighted by industrial development but hav-

ing beautiful views of the countryside. Dianna Jowsey's photomontage, "Harmonious Quilt" illustrates the city as a patchwork quilt, in which skyscrapers are juxtaposed with gingerbread houses and Hobbitlike tunnels.

Organized by Jerome Sirlin, a local architect who until June of this year was professor of architecture at Cornell, the exhibit represents the "dreams of architects, their explorations and searches for imagery that reflects new values" in architecture and environmental design.

Unusual spatial relationships, new orders in city buildings, non-traditional uses of fluorescent pinks, blues and yellows in public buildings and the incorporation of graphic signs and advertisements in architecture are among the concepts explored by designers.

Traditionally, the professional design process has excluded public involvement, Sirlin says. But, new visual communication and design methods serve to transform often confusing architectural principles into topics of public interest. This will mean an increased public participation in the design of buildings that are more responsive and sensitive to people's needs.

The sterile, mass-produced institutional environments, including schools, hospitals and public housing projects, have largely ignored the needs of the people who end up living or working in these environments, he said.

Equipped with media technology, architects can now gain insights into the relationship of environment and behavior, and avoid repetition of previous poor building solutions.

This is clearly illustrated in the photographic documentation work of Mayer Spivack, a design consultant in Massachusetts who studied the effects of sensory distortion in typical hospital corridors.

A series of slides flashes before the viewer in which a man is walking down the hallway. Strange reflections and shadows, glaring lights and uneven lighting distort the man's head as he approaches you and make his face intermittently unrecognizable.

Spivack found that many hospital corridors have negative effects on communication and behavior, particularly among the mentally disturbed patients.

Other design methods include composite image design, a new photomontage process developed by Sirlin that uses special-effects lighting and color manipulation. Design proposals for the Ithaca Commons and bus graphics for the Ithaca Transit Authority are among his projects included in the exhibit.

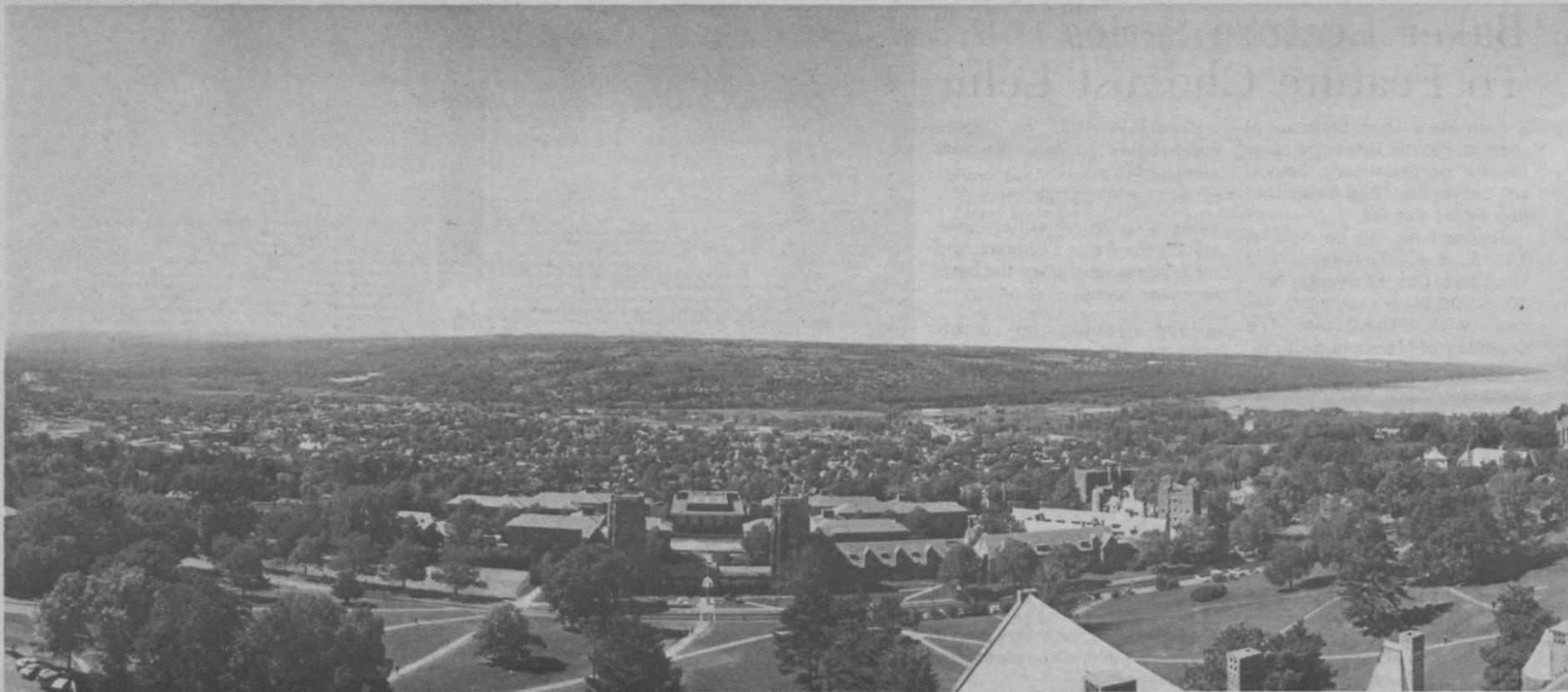
These new designs and communication techniques are not meant to replace the more traditional method used by architects and designers, Sirlin stresses. "You put all your materials together — you don't eliminate techniques or ways of looking at things — you build ways of designing environments that respond to people."

## Nematologist Receives Award

William F. Mai, an internationally known nematologist at the State College of Agriculture and Life Sciences has received the Award of Merit from the Northeastern Division of the American Phytopathological Society.

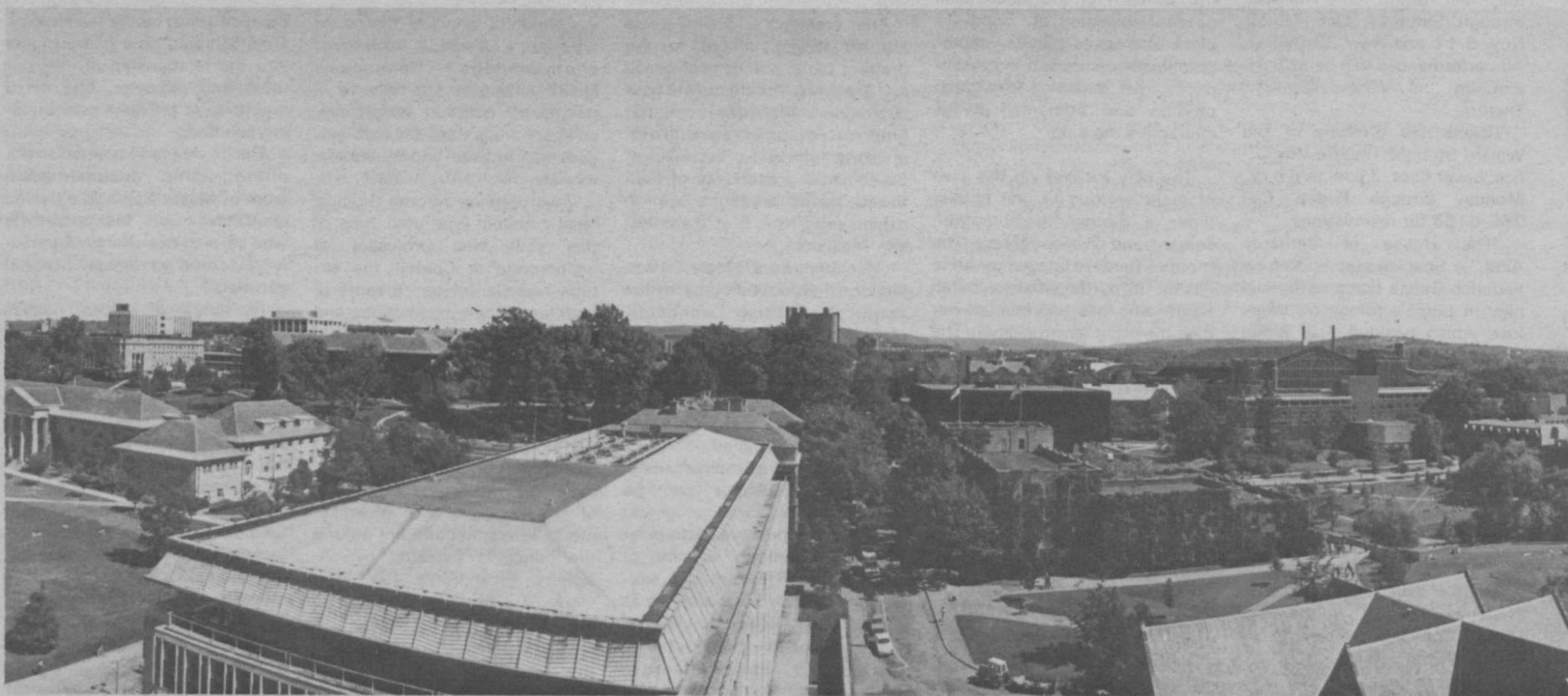
Mai was recognized for his contributions to the advancement of plant pathology.

He is a leading authority on nematodes, minute soil-dwelling parasites destructive to a wide range of agricultural and ornamental crops. His research efforts have led to significant improvements in planting procedures for fruit trees and in nematode control for vegetable crops in the Northeast.



To the West

Views from the (I



To the East

## Noll Endows Professorship in Law

Marie Underhill Noll '26 has pledged \$1 million to establish a professorship in honor of her late husband, A. Robert Noll. The endowed chair will be known as the A. Robert Noll Distinguished Professor of Law.

"We are delighted to honor A. Robert Noll in this way," said Roger C. Cramton, dean of the Law School. "The new chair may be used for distinguished visiting professors or for a permanent

holder of the position. This flexibility adds to the value of the endowment, which is a most important contribution to the Law School's program."

Mrs. Noll has requested that the professorship be used either for distinguished visitors or for a full-time Cornell faculty member who would hold the chair permanently. If the latter, consideration is to be given to a faculty member with interests in international or patent law, reflecting the professional interests of her late husband.

Noll was director of the patent department of the International Business Machines Corp. He was also vice president and director of the U.S. Trademark Association and was governor of the State Patent Law Association.

The A. Robert Noll Distinguished Professor of Law is the second chair endowed by the Noll family at Cornell. In 1969, Mr. and Mrs. Noll established the first \$1 million professorship at Cornell, the Marie Underhill Noll Professorship in American History. The position is currently held by Walter LaFeber.

A long-time friend of the University, Mrs. Noll has also given generously of her time and energy to Cornell activities, Cramton said. She is a member of the advisory council of the College of Arts and Sciences and the Cornell University Council, which she served as vice-chairwoman. Mrs. Noll is now actively involved in the support of The Cornell Review, a literary journal sponsored by the Arts College.

## Red Key Society Inducts Athletes

The Red Key Society, which advises the Athletic Department and helps to review courtesies extended to visiting athletic teams, has inducted 17 student-athletes into membership.

The new members are Vicki Abbott, bowling; Paul Blake, gymnastics; Tom Corning, soccer; Kathleen Cote, gymnastics; Mike Davis, basketball; Brad

Decker, football; Sonya Griffith, crew; Tim Harrison, wrestling; Cheryl Hines, ice hockey; Carol Johnson, lacrosse.

Also, Gary Kaczoe, baseball; Mark Nogogosyan, wrestling; Adley Raboy, track; Rod Ruoff, soccer; Keith Sepessy, football; Julius Staniewicz, lightweight football, and Dave Waters, baseball.

## Chemical Engineer Sparks International Congress

Some 700 scientists from more than 30 Eastern and Western European countries met at Interlaken, Switzerland, for four days last month, primarily because Cornell professor of chemical engineering Robert E. Finn thought it would be a good idea.

During the concluding banquet for the First European Congress of Biotechnology, Sept. 29, Finn was proclaimed the father of the congress and of the European Federation of Biotechnology established by the congress.

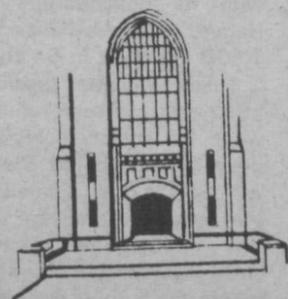
The federation's first chairman, A.E. Fiechter, one of the principal organizers of the congress, presented Finn with a Swiss cowbell for having awakened his European colleagues to the idea. He was instructed to ring the bell at meetings of the American Chemical Society's Division of Microbial and Biochemical Technology as a reminder of their newly organized colleagues across the Atlantic.

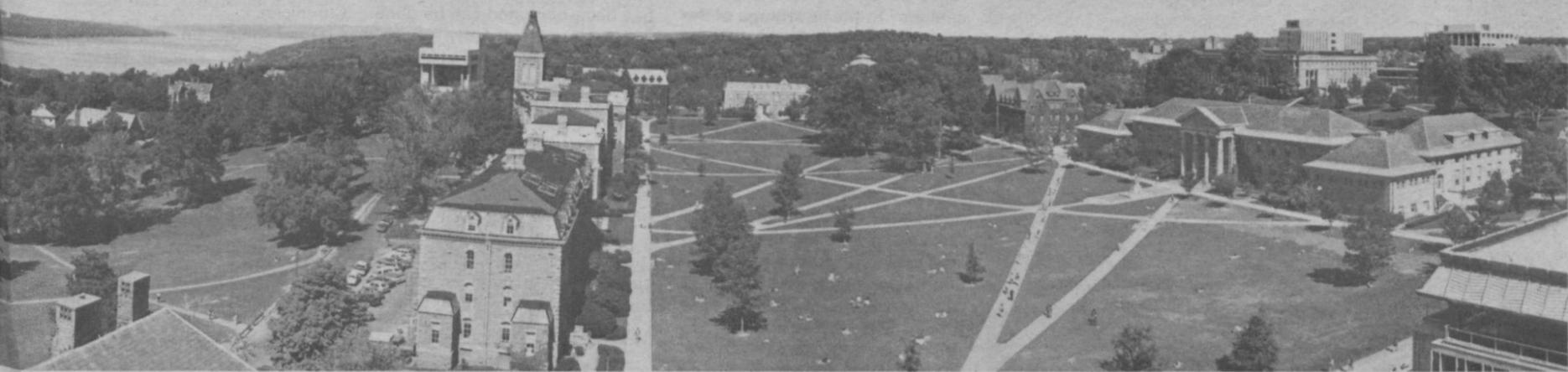
Fiechter, a professor at the Federal Polytechnic Institute in Zurich, told the assemblage that it was Finn who had first recognized the need for better communication among European sci-

entists in the field of biotechnology. At the time, 1976, Finn was collaborating on research with Fiechter in Zurich while on sabbatic from Cornell as a Guggenheim Fellow.

Using his past experience as an officer of the American Chemical Society, Finn suggested how a pan-European society of scientists and engineers in the field could be organized.

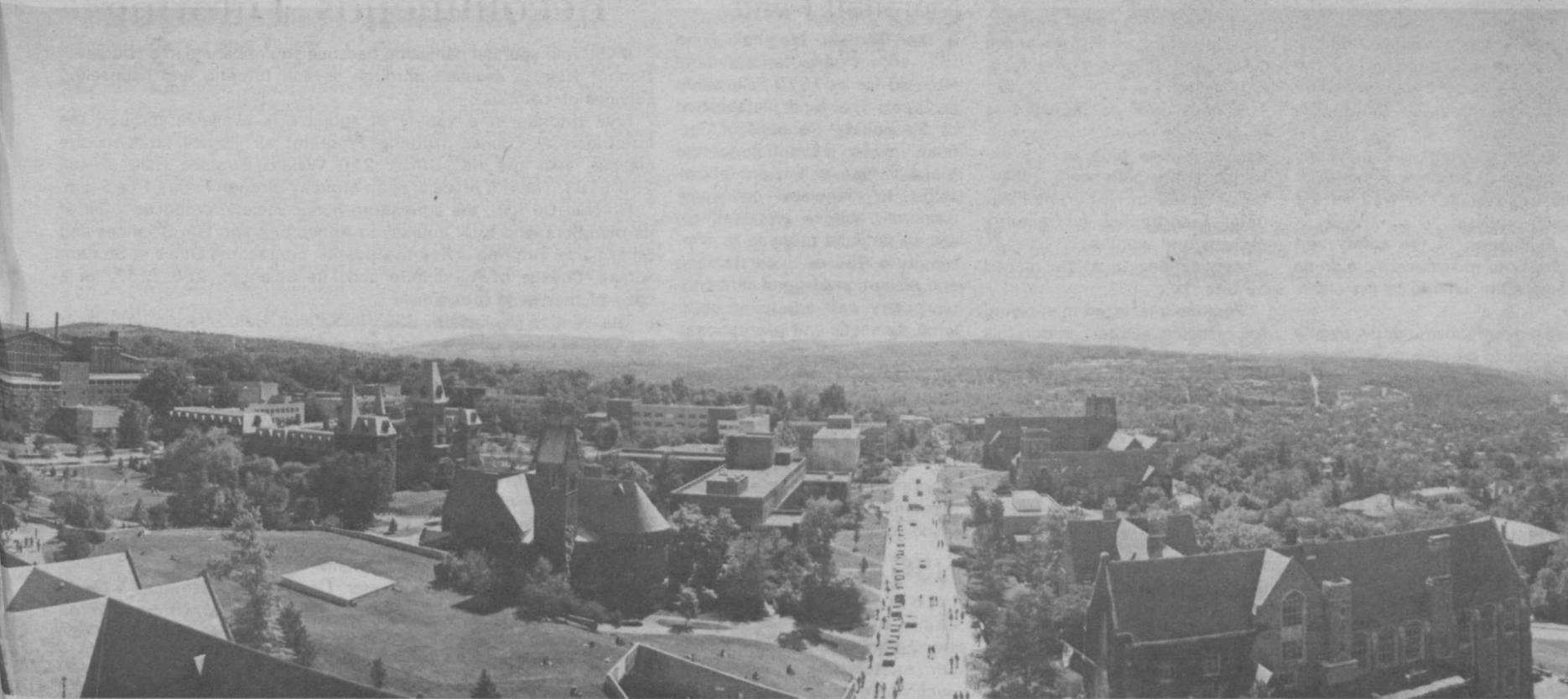
Finn said he was amazed to find so little communication among European scientists in such an economically important field. (Biotechnology is concerned with the production of and process for making antibiotics, enzymes and other biochemicals from microorganisms such as yeast, molds and bacteria.)





(McGraw) Tower

To the North



To the South

## Computer Science Is Fourth in U.S.

The University's Department of Computer Science placed fourth in a nationwide survey of 21 computer science departments conducted by James Bitner, assistant professor of computer science at the University of Texas at Austin.

Bitner asked the chairmen of the 21 computer science departments included in the survey to rank "the academic standing of computer science programs at various schools." Some 70 institutions in the United States and Canada offer Ph.D. programs in computer science.

Cornell placed ahead of such well-known schools as Berkeley (fifth), Yale (tenth), Michigan (eleventh), Wisconsin (twelfth) and Harvard (fifteenth). Stanford, Carnegie-Mellon and Massachusetts Institute of Technology, whose computer science departments are all much larger than Cornell's, were ranked first, second and third, respectively.

"We're very pleased by our standing in the survey," said Richard Conway, acting chairman of the department. "Because computer science departments are relatively new to universities they have not been included in the major rankings such as those compiled by the American Council on Education."

Computer science at Cornell was established in 1965 with a \$1 million grant from the Sloan Foundation, primarily to train Ph.D.s to assume faculty positions in academe. The department's 15 faculty members work in three main areas of computer science — theory of computation, programming languages and systems, and numerical analysis.

## Energy Research Tours Planned for Open House

An Energy Open House, a day-long program featuring guided tours of some of the major energy research projects being carried out by researchers at the State College of Agriculture and Life Sciences will be held this Saturday.

Planned for members of the Cornell community and the general public, the event is sponsored jointly by the College's Department of Agricultural Engineering and the New York State Food and Energy Council.

Participants will visit a solar greenhouse on campus, a sun-powered domestic water heating system at Cornell Quarters, a wind turbine designed to heat

Particularly well-known are the theoretical work of Juris Hartmanis, department chairman (currently on leave), the PLC system developed by Conway that allows automatic repair of many types of programming errors, and the SMART information retrieval system developed for use in libraries by Gerard Salton.

water directly with wind power near the sheep barn of the College's Animal Science Teaching and Research Center at Harford, and a methane production system using cow manure as a source of energy at the dairy complex of the Harford research center.

Tours will begin from Riley-Robb Hall at 10 a.m. and end at 2 p.m. The greenhouse project is within walking distance of Riley-Robb Hall, but all other locations will be toured by bus. David M. Stopanuk, agricultural engineer and program leader of the Food and Energy Council, is coordinator of the Open House.

## Women's Studies Seeks Kram Award Proposals

The Women's Studies Program at Cornell University is accepting applications for the Judith Ellen Kram Research Award for study during spring or summer 1979.

Up to \$1,000 will be awarded to support research on topics of concern to women. The research, which must be done for academic credit under the supervision of a Cornell faculty member, must take place away from Ithaca. The competition is open to sophomores, juniors and seniors in any college at Cornell.

Applications should be five pages or less. They should include a detailed outline of the project, a statement of purpose,

the applicant's qualifications, a letter of support from the faculty supervisor of the project and a budget describing how the award will be spent.

More information about the award and application procedures is available from the Women's Studies Program, 431 White Hall, 256-6480. Applications are due in the Women's Studies Office by noon Friday, Oct. 20.

The Kram award was established by Mr. and Mrs. Daniel Kram of West Orange, N.J. in memory of their daughter Judith, a member of the class of 1977 at Cornell.

## Tutin to Relate Lakes, Culture

Winifred Pennington Tutin, principal scientific officer in the Freshwater Biological Association of the United Kingdom and honorary reader in botany at the University of Leicester, will speak on "British Ecosystems and Man — The Record Unravelling by Biological Analysis of Lake Sediments" at 4:30 p.m. Monday, Oct. 16, in Uris Auditorium.

Tutin is known for her studies

of lake sediments, which she has used to reconstruct the history of climatic changes and the development of cultures in the British Isles.

Her slide-illustrated lecture, sponsored by the University Lectures Committee, is free and open to the public.

## Investments Review Group Is Seeking Members

Members of the Cornell community interested in serving on the Campus Council's newly formed University Investment Review Committee may obtain applications from the council's offices at 133 Day Hall. They must be filed no later than 9 a.m. Monday, Oct. 23.

Council chairman Robert McGinnis, professor of sociology, announced at a special meeting of the Council last Thursday, that he had received assurance from the Trustee Investment Committee that it would "receive and discuss recommendations" from the new committee.

The charge and structure of the investment committee is:

—The investment committee shall consider investment and disclosure policies associated

with Cornell's investment portfolio, including the structure of the investment funds, and shall recommend such policies it believes to be appropriate for the future.

—The committee shall be an ad hoc rather than a standing committee.

—The committee shall consist of five members. The membership of the committee shall consist of three faculty members or staff, one student and one member from the Board of Trustees. Members should be selected for their expertise and knowledge about the investment process.

—The committee shall present its findings and recommendations through the Campus Council to the Investment Committee of the Board of Trustees and to the President.

## Campus Council

### Community Service Committee Created

In an attempt to channel what was termed "the nearly limitless resource of volunteer help on campus" to the advantage of the campus itself, the Campus Council will study the feasibility of establishing an ad hoc Committee on Community Service.

By the unanimous vote of the council, the Committee on Committees was charged with the task of formulating the structure and duties of such a committee as soon as possible.

It was pointed out by several council members that a number of volunteer groups already exist on campus and that they are

always seeking projects. The Beebe Lake cleanup last spring was cited as an example of what has been done and can be done.

The Inter Fraternity Council and many other organizations would undoubtedly be interested in cooperating with such a committee, council member James Gould said.

Sidewalk snow removal after a heavy storm was a suggested project.

The committee would "facilitate, coordinate and encourage" such volunteer projects, according to Robert McGinnis, council chairman.

## Ivy League Plus Is on Agenda

The Campus Council will consider providing funds for Cornell participation at the proposed Ivy League Plus 3 student convention next February, at its regular open meeting, 4:45 p.m. today in 701 Clark Hall.

The Council last Thursday voted unanimously in support of the project (see page 3, Sept. 21 Chronicle).

Other items on the agenda are: funds for Suicide Prevention; proposed guidelines for University relations with intelligence agencies; report on Title IX, amendments to the Charter for the University Unions Board of Governors involving, in part, an increase in number of members; a report for Legal Services Committee and a proposal to the Residence Life Committee concerning room assignments.

## Funding Opportunities Announced

### NIA

The National Institute on Aging (NIA) has announced its primary research interests for the current federal fiscal year. The following five areas of research have priority:

Establishing the relationships between nutrition and health of the aged adult, as well as the aging process;

Evaluation of the safety and efficacy of pharmaceutical drugs being administered to the elderly;

Study of how elderly people respond to bereavement/ losses;

Study of biomedical, social and behavioral aspects of retirement and aging, and in particular the impact of recent legislation on mandatory retirement, and

Research on cultured fibroblast-like cells, with focus on the fate of presumptive post mitotic cells, or the in vitro fibroblast-like cells.

Research grant applications for the above areas must be received by the National Institutes of Health no later than Nov. 1, March 1 or July 1. The November deadline is for projects with a start date of July 1, 1979. Application forms and more information is available in the Office of Sponsored Programs, 123 Day Hall.

### Research Education

The National Institute of

Education (NIE) has announced the second grants competition under the Experimental Program for Opportunities in Advanced Study and Research in Education.

Support will be provided to improve opportunities for individuals to obtain high quality expertise and experience in educational research with emphasis upon opportunities for minority persons and women.

Applications must be mailed by Dec. 1.

Persons interested in applying for research support under this program must submit a written request for the program announcement together with a self-addressed mailing label to Program Staff, Minorities and Women's Programs, National Institute of Education, Room 624, 1200 19th Street, NW, Washington, D.C. 20208.

### Education

The U.S. Office of Education has set a Dec. 1 receipt date for applications for Bilingual Vocational Training Program grants. The program's purpose is to train individuals of limited English-speaking ability who are underemployed or unemployed and who are able to benefit from English vocational training.

For further information, contact the Office of Sponsored Programs, 123 Day Hall, 6-5014. german marshal fund

### German Marshall Fund

The German Marshall Fund will accept applications until Nov. 30 for its 1979 Fellowship Program. The fund, established by the Federal Republic of Germany as a memorial to the Marshall Plan, will award fellowships to scholars and professionals whose proposed research projects promise to contribute to a better understanding and resolution of significant contemporary and emerging problems, domestic and international, common to industrial societies — particularly their comparative political, economic and social aspects. The awards will be announced next March. Please contact the Office of Sponsored Programs, 6-5014 for additional information. public understanding of science

### NSF

The National Science Foundation's Public Understanding of Science Program has two major goals: An increased public understanding of the scientific and technological components of major issues of public policy and personal judgment, and an increased public understanding of the methods and activities of scientists and engineers and their effects upon our lives. To accomplish these goals NSF hopes to improve the scope, quality and quantity of communication between scientists and nonscientists, and to facilitate and improve the processes of public communication about science.

Preliminary proposals are required and accepted at any time, to be followed by a formal proposal due Dec. 1, April 1 and Aug. 1. Further information on this program is available from the Office of Sponsored Programs, 123 Day Hall.

Small grants providing one year support at a maximum of \$6,000 for the direct cost of conducting basic and applied research within the program interest of the three ADAMHA institutes are currently available. ADAMHA is composed of the National Institute on Alcohol Abuse and Alcoholism, the National Institute on Drug Abuse, and the National Institute for Mental Health.

Although there is no deadline for application, researchers must allow five months from the date of submission to the date of notification. Application form PHS 398 is available in the Office of Sponsored Programs, 123 Day Hall.



ARC

## Recommends Tutoring

If you find yourself panicking because you're behind in a course — Don't! Help is available through several tutoring and counseling services on campus.

Free tutoring in a variety of subjects is available through the Interfraternity Council Tutoring Program; all Cornell students are eligible. Visit the IFC Office, 210 Willard Straight Hall, or call 256-5183. The IFC office is open Monday through Friday 1 to 5 p.m.

Ho-Nun-De-Kah, the agriculture honor society, produces a list of its members who tutor courses in Agriculture and Life Sciences and other fields. Tutoring is free to students; contact the Office of Student Affairs, College of Agriculture and Life Sciences, 256-2257, for a copy of the list of tutors.

The Writing Workshop, 302 Rockefeller Hall, offers members of the Cornell community free individual consultation on writing. Bring a rough draft; the goal is to help writers master their own prose. The service is available without an appointment from 12:30 to 4:30 p.m. and 6 to 12 midnight, Sunday through Thursday, as well as Saturday from 12 to 6 p.m. (Closed Friday.) For further information, call Nancy Kaplan, 256-4234 or 256-6349.

The Office of Learning and Teaching Services provides free individual counseling to help students develop their academic skills: test-making, reading, note-taking and textbook mastery. Visit the Office, 375 Olin Hall, Monday through Friday mornings, or call Carl Thum, 256-3413, for an appointment.

The Academic Resources Center, Uris Library, maintains a list of private tutors in many fields and has additional information on tutoring and counseling services throughout the University. Call 256-4199, Monday through Friday, 9 a.m. to 4 p.m.

If Cornell is a breeze for you this semester, perhaps you'd like to be a tutor. Add your name to ARC's list of private tutors by filling out the form below and returning it to the Academic Resources Center, Uris Library, by Friday, Oct. 20.

I would like to be listed as a tutor with the Academic Resources Center

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: Home \_\_\_\_\_ Office \_\_\_\_\_

SUBJECTS OR SPECIFIC COURSES: \_\_\_\_\_

RATES: \_\_\_\_\_

## Life Safety and Sanitation Standards Being Enforced

In a letter sent to fraternities, sororities and small living units, Elmer Meyer Jr., dean of Students, said that his office, "under University Trustee legislation, is responsible for monitoring and enforcing life safety and sanitation standards in University-owned and related student housing."

In line with this responsibility, the Cornell Fire Safety and Sanitation Review Board is now working with officials at several of the housing units to enforce the governmental and University standards, following up an inspection to ensure compliance with standards.

The board is made up of

representatives from the Office of the Dean of Students, Life Safety Service, University Health Services and Campus Council Committee on Residence Life. Representatives from housing units or associations that are being reviewed also participate in board meetings.

Further questions on inspection procedures and safety codes should be directed to co-chairmen Roxi Bahar, Coordinator of University-owned Small Living Units and Steve Klein, fraternity and sorority advisor. Bahar can be reached at 256-5533 and Klein at 256-4131 or 4221.

## Judicial Case Reports May 15 to September 30, 1978

No. of Persons	Violations	Summary Decisions
1	theft & resale of book	WR; * \$75/25 hrs. C.S. **
1	theft of food & non-compliance with a Univ. Official	WR; \$125/42 hrs. C.S.
2	theft of chair	WR; \$100/33 hrs. C.S.
1	use of invalid CoOp card	WR; \$75, suspended. Restitution \$75
1	theft of books	WR; \$60/20 hrs. C.S.
2	property damage	WR; \$125 of which \$50 is suspended \$75/25 hrs. C.S. Restitution \$34.50
1	disorderly conduct	WR; \$125 of which \$75 is suspended \$50/17 hrs. C.S.
1	attempted theft	Verbal Warning
1	theft of 2 magazines	WR; \$75/25 hrs. C.S.
1	altering parking permit	WR; \$20/7 hrs. C.S.
1	possession of stolen traffic signs	Verbal Warning
1	theft of mirrors	WR; \$100/33 hrs. C.S.
1	misuse of parking permit	WR; \$20/7 hrs. C.S.

\* Written Reprimand  
\*\* Community Service

## Bailey Professorships Honor Five Scientists

Five distinguished professors at the State College of Agriculture and Life Sciences have recently been honored by the University Board of Trustees with Liberty Hyde Bailey Professorships.

The Liberty Hyde Bailey Professorships, named after the renowned Cornell botanist and horticulturist, were established in the college in 1972 to provide recognition for outstanding faculty who have national and international reputations in agriculture and related sciences.

The five professors recently singled out for this honor are Walter T. Federer, William Hansel, Donald B. McCormick, Harold E. Moore Jr. and Wendell L. Roelofs. Their election brings the total of active Liberty Hyde Bailey Professorships to nine.

Walter T. Federer, a professor of biological statistics in the Department of Plant Breeding and Biometry, is recognized internationally for his work on the theory, analysis, and application of statistical designs.

Among Federer's many honors were his election as a Fellow of the American Statistical Association, the American Association for the Advancement of Science, the Royal Statistical Society, and of the Institute of Mathematical Statistics; also, he was one of only 10 Americans elected a Member of the International Statistical Institute in 1974 and was awarded an Honor Alumnus Scholastic and Professional Achievement Award from his alma mater, Colorado State University in 1972.

William Hansel, the first chairman of Cornell's newly created Section of Physiology of the Division of Biological Sciences holds an international reputation for his work in animal physiology. The author or co-author of more than 175 scientific articles in the field of reproductive physiology, Hansel is best known for his leading research on dairy cow reproduction.

His honors include the Animal Physiology and Endocrinology Award of the American Society of Animal Science, the New York Farmers' Award for Contributions to Agriculture in the Northeast, the Borden Award of the American Dairy Science Association, and the National Association

tion of Animal Breeders Award.

In recognition of his pioneering research on vitamins, Donald McCormick, a leading nutritional biochemist, was singled out by the American Institute of Nutrition this year when he was named recipient of the 1978 Osborne and Mendel Award. McCormick has investigated many aspects of vitamins and coenzymes, from their chemical synthesis to their metabolism and binding with proteins and has written more than 200 scientific articles.

McCormick is a member of both the Division of Nutritional Sciences and the Division of Biological Sciences.

Harold E. Moore Jr., a professor of botany and former director of the Liberty Hyde Bailey Hortorium, is a world authority on the biology and classification of palms, one of the world's economically most important plant families.

The editor of "Principes," the journal of the Palm Society, since 1957, he has written numerous technical papers on palms and many other subjects. Regarded as an outstanding teacher of graduate students, he has also been or remains a member of the board of directors of the Palm Society, Fairchild Tropical Garden, and the Organization for Tropical Studies. In addition to being a Guggenheim Fellow, he has received the Founders Medal of Fairchild Tropical Garden.

Wendell L. Roelofs is a professor of insect biochemistry in the Department of Entomology at the State Agricultural Experiment Station at Geneva. He has been one of the pioneers in research on the process by which insects use chemicals called pheromones to attract each other sexually. He not only has identified the pheromones of many pests, but has also developed a method of doing so in hours rather than the months or even years that had previously been necessary.

The possible critical implications of this work were underlined in 1977 when Roelofs was named co-recipient of the Alexander Von Humboldt Award for the most significant contribution to American agriculture made over the preceding year.

## Apple Skin Problem Caused by Rain

Golden Delicious is one of the most popular apple varieties grown in the United States, but in New York and elsewhere in the Northeast it often develops brownish corky skin.

A Cornell scientist says the problem, known as russet, has no link with disease organisms and affects only the eye appeal of the fruit.

"The eating quality of the russeted apples is just as good as that of smooth-skinned ones," Leroy L. Creasy, professor at the State College of Agriculture and Life Sciences points out.

But consumer acceptability of the russeted apples is poor. Thus, most of the apples with the skin problem usually end up in processing plants with much lower returns to growers.

Through research and field experiments, Creasy has successfully stopped the problem, but the methods he has used may not be economically feasible under commercial conditions.

For example, he was able to produce smooth fruit by covering individual apples with paper bags—a practice widely employed in

Japan. Plastic bags also were effective.

"This practice works under New York conditions," Creasy says. "The bagging method is a solution to the russet problem but is obviously not economically feasible here."

In another experiment, rain shelters made of plastic sheets over the trees proved to be effective. "Whether such a setup is practical or economical for commercial orchards here also is questionable," he notes.

Thus far, Creasy's work yielded conclusive evidence that environmental factors, particularly rain, are directly responsible for the development of russet.

Heavy rainfall 10 to 25 days after apple blossoms have faded in the spring was found to be a direct cause of russet. Once this period is over, no amount of rain has further harmful effect on the skin of the fruit.

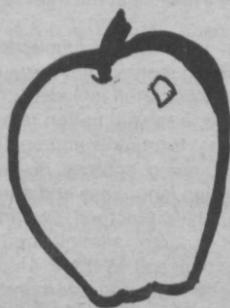
Among other suspects under investigation are air pollutants. Creasy has found that apples grown in an open-ended, silolike chamber with a steady supply of air scrubbed of all airborne parti-

cles do not develop russet.

In related field experiments, Creasy is scrutinizing the effect of acid rain on Golden Delicious. Acid rain has been recognized as a direct cause of the demise of fish population in New York's Adirondack lakes.

Cornell and other researchers, Creasy points out, have reduced russet significantly with certain kinds of chemical sprays in New York, Australia, and Japan.

"Research information on climatic causes of russet is vital in developing and timing protectant sprays that will provide economical control of the problem in the future," Creasy observes.



Feature

## Gamelan Gains Following

The bell-like tones and resonant gongs of a Javanese gamelan ensemble may sound unfamiliar, at first, to Western ears. But, the Cornell Gamelan Ensemble, started in 1972, has proven so popular with both music and non-music students alike that last year many were turned away because of a lack of practice space and the limited size of the set of instruments.

This year, though, more people will be able to participate in the gamelan program, since the Department of Music has on loan for two years a complete set of Javanese gamelan instruments from the Metropolitan Museum of Art. The museum acquired the instruments in 1977 as a gift of Carroll C., Beverly and Gary S. Bratman. In addition, practice sessions and rehearsals take place in a large room that has been renovated to accommodate the beautifully crafted Asian orchestral instruments, estimated to be worth about \$25,000.

Cornell is one of the few universities in the country to maintain a gamelan program. Among the other schools are Wesleyan University, University of Michigan and University of California. In each case, gamelan has enjoyed the broad support of students, faculty, alumni and community.

In the past, the Cornell ensemble has performed in concerts on campus, in public schools throughout Tompkins County and for the Friends of Music, as well as given demonstrations for music classes and alumni functions. This year a concert in Barnes Hall is planned for December.

Neal Zaslaw, chairman of the Cornell music department, said if the department shows it is making good use of the Metropolitan's instruments a long-term loan can be negotiated. Both beginning and advanced students who play in the Cornell Gamelan Ensemble will perform next semester at the museum in New York City.

A Javanese gamelan ensemble consists mostly of percussion instruments (the word gamelan is derived from the Javanese "game" which means "to hit") including bronze gongs



Among the Javanese gamelan instruments are the rebab, a two-stringed instrument played here by John Pemberton, and the gender, played by Jennifer Lindsay, gamelan instructor.

and xylophones, drums, as well as wooden zither-like instruments. Eleven beginners and 12 advanced students enrolled in the Cornell gamelan program meet in separate classes once a week to learn new techniques and to rehearse their repertoire.

As the only non-Western music program on campus, gamelan has provided students with alternative interpretations of such basic musical concepts as tuning, melody and improvisation. The program is supported both by the music department and the Southeast Asian program. Funding comes from a Department of Health, Education and Welfare grant administered through Cornell's Council of the Creative and Performing Arts.

Jennifer Lindsay, a graduate student in the Southeast Asian Program, is the gamelan instructor. Originally from New Zealand, she learned to play gamelan music while living in Java with her husband who taught English there for five years.

One reason for the widespread popularity of gamelan music is its "playability" or accessibility, Lindsay said. "Beginners can learn to play gamelan music in a shorter time than it would take to play Western music. The techniques used in playing some of the instruments can be relatively simple and students can learn through group practice," she said. However, most of the students do take at least one private lesson a week in which the more difficult techniques are studied.

About half the beginning students are music majors, but the advanced class is a diverse group with foreign students and spouses participating, as well as faculty and students with a variety of academic backgrounds. Having a musical training in the Western tradition may or may not be an advantage for playing in the 'gamelan ensemble. "If a pianist comes with preconceptions about where the beat is or about rhythm, it may be more difficult for that person to accept

a music outside his or her own experience."

Gamelan music is composed of interlocking melodic layers, with one group of instruments playing an abstraction of the overall melody of the ensemble, while others improvise or mark different phrases. Students at Cornell are learning to play the more traditional form of gamelan music—the classical court style played in the royal palaces in Central Java.

Other people associated with gamelan at Cornell include Martin Hatch, the founder and first director of the program, and John Pemberton, who last year with Hatch directed the gamelan program and gave private lessons to 28 individuals.

In Java, gamelan musicianship is not demonstrated by one's virtuosity as a soloist, says Pemberton. "More important is the grace with which a gamelan player is able to play all the instruments in the ensemble. We try to do this as much as possible in the advanced class. Each student is encouraged to play several instruments, thus increasing the flexibility of the group."

Gamelan music differs from Western music in yet another way. "It's very much a social experience. Gamelan clubs are sponsored by the villages, factories and banks, and regular competitions are held. Gamelan clubs in Java can be similar to both glee clubs and bridge clubs in this country," Pemberton observed.

Traditionally, gamelan music in Java doesn't have an audience. "It's often quite informal—neighbors get together to play music. Even in the palaces where both atmosphere and music are refined, the gamelan usually doesn't perform for an audience, but adds to the splendor and honor of the prince's presence—whether or not he is in fact there!" Pemberton said.

Jill Casner-Lotto

## Renovated Auditorium Dedicated

Representatives of the Cornell faculty, student body and administration were on hand Tuesday morning to accept officially the Hollis E. Cornell Auditorium at a brief dedication ceremony in the renovated facility in Goldwin Smith Hall.

Mrs. Hollis Cornell, whose gift of \$300,000 to rename "Goldwin Smith A" in memory of her husband made the work possible, formally presented the auditorium to University President Frank Rhodes. She said "this is one of the happiest days of my life" and that she had "decided this (renovation) was a must" after visiting the auditorium in a rainstorm when water ran through the ceiling.

Rhodes lauded the "exemplary and sacrificial" commitments Hollis Cornell had made to the University. He expressed hope that this project would stimulate support for similar projects from other Cornellians.

On behalf of students, Michele Goldstein '79 spoke of the deep gratitude for Mrs. Cornell's kind-



Mrs. Hollis E. Cornell and sculptor William F. Herrick of Manchester, Vt. paused Tuesday at the commemorative plaque on the wall at the entrance to the Hollis E. Cornell Auditorium in Goldwin Smith Hall. Herrick sculpted the wooden plaque, which includes a bas-relief of Hollis E. Cornell and the quotation "Sweet the pleasures and deep the satisfaction of those who quietly help others to learn how to help themselves."

ness and generous support that will eliminate soggy papers and the dangers of injuries that could

have come from the leaky ceiling, falling plaster or collapsing furniture in the old room.

## 'DNA, Agricultural Science And Society' Is Talk Topic

Peter R. Day, a participant in the first conference on potential risks associated with research on genetic engineering, will give the annual A. Watson Dimock Lecture at Cornell Thursday Oct. 19.

The lecture, titled "Recombinant DNA, Agricultural Science, and Society," will be given at 8 p.m. in 101 Bradford Hall, and is open to the public.

Day's talk will be on the hopes and progress being made in applying recombinant DNA techniques to crop plant improvement, the special concerns of plant

pathologists, and the general concerns of all scientists and the public over the risk assessment and regulation of research in this field.

Day is chief of the Department of Genetics at the Connecticut Agricultural Experiment Station. He was a consultant and then a member of the National Institutes of Health Recombinant DNA Molecule Program Advisory Committee which developed the 1976 guidelines and subsequent revisions.

## Right to Eat Sponsors Farm Tours

La Tierra Verde Collective of the Coalition for the Right to Eat is sponsoring a series of tours to small organic farms. All the tours will start at 2:15 p.m. Saturdays or Sundays in front of Anabel Taylor Hall. The schedule includes: Hugh Chafin's flower, fruit and vegetable farm, Oct.

15; George Sheldon's "homestead," Oct. 29; Brian Caldwell and Dave Christy's new farm, Nov. 4, and Jim Linton's small diversified farm (the only farm visited which has livestock), Nov. 11.

For more information, call 273-1825 or 272-2996.

## Special Seminars

### Agriculture and Life Sciences

AGRICULTURAL ENGINEERING: Energy Open House, Riley-Robb Hall, 10 a.m. to 2 p.m., Friday, Oct. 14.

AGRICULTURAL ENGINEERING AND ENVIRONMENTAL STUDIES WASTE MANAGEMENT SERIES: "Artificial Wetlands for Wastewater Reclamation," Maxwell M. Small, Brookhaven National Laboratory, 3:30 p.m., Friday, Oct. 13, Riley-Robb 105.

MICROBIOLOGY: "Saccharification of Cellulose by Trichoderma Cellulase," Mary Mandels, Natick Army Research and Development Command, Natick Mass., 4:30 p.m., Thursday, Oct. 19, Stocking 124.

NATURAL RESOURCES: "The Office of Biological Services (The Fish and Wildlife Service Octopus Sprouts an Environmental Arm)," Alfred Eipper, U.S. Fish and Wildlife Service, 4 p.m., Thursday, Oct. 12, Fernow 304.

POMOLOGY: "Feasibility of Propagating Pathogen-Free Grapevines via Tissue Culture," Raymond Chee, 11:15 a.m., Monday, Oct. 16, Plant Science 114.

VEGETABLE CROPS: "Anatomical and Physiological Study of Blemish Lesions and Cavity Spots of Carrots (*Daucus Carota* L. var. *Sativa*)," Fawzi T. Hafidh, 4:30 p.m., Thursday, Oct. 12, Plant Science 404.

### Arts and Sciences

CHEMISTRY: BAKER LECTURE SERIES: "Cryptates, the Chemistry of Macro-polycyclic Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts, an Approach to the Chemistry Bond," Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France, 11:15 a.m., Tuesday, Oct. 17 and Thursday, Oct. 19, Baker Lab 119.

### Biological Sciences

BIOCHEMISTRY: "Mutants in the Biosynthetic Pathway for Polyamines," H. Tabor, National Institute of Arthritis, Metabolic and Digestive Diseases, 4:30 p.m., Friday, Oct. 13, Stocking 204.

BIOCHEMISTRY, MOLECULAR AND CELL BIOLOGY AND BOYCE THOMPSON INSTITUTE: "Mechanism of Cellular Adaptation to Highly Saline Environment," Jano K. Lanyi, NASA, 4 p.m., Monday, Oct. 16, Boyce Thompson Institute Lecture Hall.

BIOCHEMISTRY, MOLECULAR AND CELL BIOLOGY: "Activation and Inactivation of Horse Liver Alcohol Dehydrogenase by Chemical Modification," David C. Sogin, 12:20 p.m., Monday, Oct. 16, Wing Hall Library 403.

## Career Center Calendar

Oct. 12 — Resume Critique, 12:20 p.m., Career Center. Bring a typed draft of a resume.

Oct. 14 — Career Symposium: Minorities in Agriculture. Sponsored by the Cornell Black Agriculturalists. 1-5 p.m., to be followed by a reception, cocktails, and the Annual Dinner of the Cornell Black Agriculturalists. Bradford 101, Emerson 135.

Oct. 16 — Fellowship Clinic: Find out about financial aid for graduate study. 2:45 p.m., Career Center. Sign up in advance (256-5221).

Oct. 16 — You and Your Vet School Application. 12:20 p.m., Career Center.

Oct. 17 — Resume Critiques. 3 and 3:45 p.m., Career Center. Sign up in advance.

Oct. 17 — A representative from the NYU Program in Paris will be available at the Career Center from 10:30 a.m. to 12 noon, and from 2 to 4:30 p.m. Contact us for an appointment.

Oct. 17 — You and Your Vet school Application. 12:20 p.m., Career Center.

Oct. 18 — Interviewing Workshop. 7 p.m., Career Center. Sign up in advance.

Oct. 18 — You and Your Vet School Application. 1:25 p.m., Career Center.

Oct. 20 — Resume Critique. 12:20 p.m., Career Center. Sign up in advance.

Oct. 20 — A representative from Higher Education in Europe (the Universities of Bath, York and London) will be available at the Career Center. Contact us to set up an appointment.

### ECOLOGY AND SYSTEMATICS EVOLUTIONARY ECOLOGY

SERIES: "Mortality of *Pueris Rapae*," Bill Kimler, 12:15 p.m., Tuesday, Oct. 17, Martha Van Rensselaer 114.

ECOLOGY AND SYSTEMATICS: "Lake Sediments and Soil Dynamics in Northwest Britain," Wilfrid P. Tutin, University of Leicester, England, 4:30 p.m., Wednesday, Oct. 18, Langmuir Penthouse.

NEUROBIOLOGY AND BEHAVIOR: "Hearing and Sound Discrimination in the House Mouse: The Role of the Cochlea," Gunther Ehret, 12:30 p.m., Thursday, Oct. 12, Langmuir Penthouse.

PLANT PHYSIOLOGY: "Biological Engineering Research on Stomatal Control of Diffusion," Robert Cokke, 11:15 a.m., Friday, Oct. 13, Plant Science 404.

### Centers and Programs

COMPUTER SERVICES: "Introduction to Scientific Computing," A. Grimison, 3:30 p.m., Friday, Oct. 13, Uris Hall G-14.

MATERIALS SCIENCE AND ENGINEERING: "Plastic Deformation Associated with Large-Scale Faulting," D.L. Kohlstedt, 4:30 p.m., Thursday, Oct. 12, Bard 140.

MECHANICAL AND AEROSPACE ENGINEERING: "The Long Range Prospects of Solar Energy," Warren Devine, Institute for Energy Analysis, Oak Ridge, 4:30 p.m., Tuesday, Oct. 17, Grumman 282.

### OPERATIONS RESEARCH: "The Heteroscedastic Method

and Applications to Multivariate Ranking and Selection," Edward J. Dudewicz, Ohio State University, 4:30 p.m., Tuesday, Oct. 17, Upson 305.

PLASMA STUDIES: "Analytic Solutions of the Small Aspect-Ratio Finite Beta Toroidal Equilibrium Problem," D. Sigmar, Oak Ridge National Laboratory, 4:30 p.m., Wednesday, Oct. 18, Grumman 282.

THEORETICAL AND APPLIED MECHANICS: "Interplanetary Dust Dynamics: Errors in Classical Notions," Joseph Burns, 4:30 p.m., Wednesday, Oct. 18, Thurston 205.

### Human Ecology

HUMAN-ENVIRONMENT RELATIONS: "Design for Behavior: Human Factors Considerations for Designers of Systems, Equipment and Civilian Population User Products," Irving Streimer, California State University Northridge, 12:30 p.m., Monday, Oct. 16, Martha Van Rensselaer 317.

HUMAN-ENVIRONMENT RELATIONS: "Human-Environment Relations Careers in the Housing Management Field," Steve Tulin, 4:30 p.m., Monday, Oct. 16, Martha Van Rensselaer 317.

### Nutritional Sciences

NUTRITION: "Thyroid Gland: A Tasteless Subject," Richard S. Rivlin, Columbia University, 3:30 p.m., Monday, Oct. 16, Savage 100.

## Bulletin Board

### Photography Workshop Slated

The North Campus Craft Studio at Cornell will be sponsoring a workshop entitled "Photography for Portfolio" on Oct. 14 and 15. Open to all artists and craftspeople, the workshop will cover, through lecture and practice, the skill of preparing slides and photography needed for individual's portfolios. The workshop will be taught by Marilyn Rivchin, a prominent local photographer and instructor at Ithaca College.

There will be a \$25 fee to cover the cost of instruction and materials. For more information, call the Craft Studio at 256-6238 from 6 to 10 p.m. Registration is limited.

### Alternatives in Healing

The Marathon Series continues this week with a discussion on "Alternatives to Established Medical Approaches to Healing" at 4:30 p.m. today in N207 Martha Van Rensselaer. Dr. Paul Buck, who is with the Association for Retarded Children in Ithaca, will lead the discussion.

### Band to Perform

The Cornell Symphonic Band, conducted by Marice Stith, will perform at 4:45 p.m. Monday, Oct. 16, in the Willard Straight Memorial Room. The program includes works of Hanson, Respighi, Holst, Benson and McBeth. The concert is free and open to the public.

### Sorority Graduate Chapter

Delta Sigma Theta Sorority is attempting to form a graduate chapter in Ithaca. Active and inactive graduate members of the sorority are invited to help and should call either Eloise Dowdell at 256-6384 or Eleanor Rice at 256-6218 (office) or 277-4706 (home).

## Graduate Bulletin

Late initial course registration and/or course additions is still possible upon payment of \$10 processing fee. (Deadline was Sept. 22).

Oct. 27 is the deadline for dropping courses or changing the grade option.

Graduate students whose employment is other than a teaching or research assistantship and is in excess of 10 hours per week (and is not contributory toward degree) or 20 hours per week (and is contributory) may be eligible for proration of tuition. Applications are available at the Information Desk, Sage Graduate Center.

Doctoral candidates who have completed four years of residence, are not receiving money from Cornell, and who need only library facilities (use of carrel included) to complete their theses may be eligible for a special tuition rate of \$400. Check with the Graduate School for details and application forms.

Graduate students planning doctoral dissertation research overseas in modern foreign languages and area studies should consider the Fulbright-Hays Doctoral Dissertation Research Abroad Training Grant Program administered by the Department of Health, Education and Welfare. Under its auspices, graduate students may be funded for six months to one year of independent research in countries which have diplomatic

relations with the U.S. Students applying for dissertation research in East Asia, East Europe and Russia, Latin America, South Asia, and Southeast Asia should request forms and deadline information from the appropriate Foreign Area Program in Uris Hall. Applicants to countries and in other world areas (e.g. Near East, Africa) should contact the Fellowship Office, 116 Sage Graduate Center, no later than Oct. 16.

The Fellowship Office has a limited supply of application request forms for the NSF Graduate Fellowship and NSF National Needs Postdoctoral Fellowships. Deadline for submission of NSF Graduate Fellowship applications is Nov. 30; NSF National Needs Postdoctoral Fellowship deadline is Nov. 3.

Information on non-Cornell administered fellowship programs for graduate study has been sent to the field offices. Students interested in obtaining additional information on 1979-80 awards in their field should consult the Fellowship Notebook at their Graduate Faculty Representative's office. Information on awards in other fields may be obtained from the Fellowship Notebook of the appropriate Graduate Faculty Representative, from the Career Center, 14 East Avenue, and from the Fellowship Office, 116 Sage Graduate Center.

# CIVITAS: Community Requests for Volunteers

By Mary McGinnis  
CIVITAS Coordinator

**AMBLYOPIA (LAZY EYE):** This disorder must be diagnosed before the age of six in order for it to be treated successfully. PreSchool Vision Screening Program is again seeking volunteers for its 1978-79 screening of all pre-school children. Training session at 2 p.m., Oct. 30 in downtown Ithaca, presented by the Blind Work Association of Binghamton. After training, volunteers work in teams, each team giving about 10 hours of service, one to two hours at a time.

**ADULT LITERACY:** Volunteers sought to assist members of class in basic reading, writing and math skills below 8th grade level. Ages range from 18 to 50 years. Individualized programs in class setting, 8 to 11 a.m. Tuesday and Thursday and 4:30 to 8 p.m. Tutors especially needed for morning classes, but help is welcome also outside class times. Downtown location on city busline.

**DOWNTOWN DROP-IN CENTER:** Flexible, enthusiastic volunteers needed to care for children, 6 months to 5 years, dropped off by parents for varying periods, between 9 a.m. and 1:30 p.m. Monday through Friday. No special skills needed, but simple talent in music, story-telling, arts and crafts useful. Exposure to wide range of children may be helpful to you if you are thinking about working with children as a career. Time commitment is about two hours a week, mutually agreed upon by volunteer and drop in center staff.

**ISRAELI CHILD NEEDS HELP:** Five-year old child, newly arrived from Israel, needs help in learning English both in school and after school. If you know Hebrew your friendship will really help this child begin to feel at home in Ithaca.

**TEENAGER ON PROBATION:** Tutor is needed in English skills (basically reading and reading comprehension) for 16 year old on probation. This young man wants to hold a job and seeks to be tutored around the times when he is working.

**SEVERAL LOCAL ORGANIZATIONS SEEK PUBLIC RELATIONS HELP:** Practice writing or speaking skills, or do art work for your portfolio. Local organizations, some in human service, some in the world of the arts, seek public relations help. The amount of time you put in is up to you, as is the schedule. This placement could provide media experience and interesting local contacts.

**ITHACA HIGH SCHOOL STUDENTS CONTINUE TO LOOK FOR HELP:** Regents-level American history tutor needed for Latin American student (knowledge of Spanish helpful but not necessary); biology and physics tutors; math 10 (geometry) and intermediate algebra; remedial help in basic math and language skills is sought constantly. We can locate a tutee for you whose schedule will fit into yours, and who is willing to meet you at a mutually convenient site.

**THEATER AND PUPPETRY ENTHUSIASTS:** Anyone interested in working with children in supervised program involving all aspects of drama, puppetry and other artistic fields relating to staging, costuming or make-up. Volunteers will receive training in putting together a production, and will work in public school setting with plenty of help, cooperation and supervision.

**RED CROSS BLOODMOBILE VISITS:** Volunteers are sought for a variety of tasks during visits at Ithaca College, Oct. 23; Cornell, Nov. 9; Downtown, Nov. 24 and Dec. 8. We can give you fuller information if you stop by our office.

**HISTORICAL RESEARCH:** Information of historical value concerning the township of Ithaca (incorporated in 1825) is available locally, and the town supervisor has expressed an interest in updating local history. Some projects may involve working with other local agencies on matters of mutual historical importance.

To respond call CIVITAS, 256-7513, 10 to 2 Monday through Friday, or drop by 125 Anabel Taylor Hall during these hours. If you have an interest unrelated to the above requests, come in and talk to us. We have a wide variety of placements available and will try to locate something designed to fit your needs, skills and schedule.

United Way

## 'I Do It for Jennifer'

Four-year-old Jennifer Robinson greets her mother every morning much like any other child, except that Jennifer Robinson is handicapped. She was born with Downs Syndrome.

"She's always been a joy to me, so loving and happy, always smiling. She was born on Easter Sunday, and I knew then that she was special," says her mother, Sue Robinson, administrative secretary in Cornell's Public Safety Division and a volunteer team captain for the Cornell United Way campaign.

Sue Robinson is a busy person. Besides working full-time and spending every spare moment with Jennifer, she takes courses at TC3 and works two nights a week tending bar. So why does someone with little

spare time volunteer to work for the United Way?

"I do it for Jennifer," says Sue. Jennifer goes to school at the Special Children's Center, a Tompkins County United Way agency that works with children who have mental and physical handicaps. "Jennifer has been going to the Special Children's Center since she was 7 months old. Before we moved here, we used to drive into Ithaca from Marathon one morning a week because the Special Children's Center is the only agency in 4 or 5 counties that works with children like Jennifer.

"She has received all sorts of specialized care at the Special Children's Center, and the people who work with her are wonderful. And I've never had to pay a

cent. To give my time to the United Way is nothing."

Jennifer loves school, says Sue. She's there from 8 to 11 each morning. Then she rides the bus "home" to her "second mommy," Mrs. Margaret Hayes, a New York State licensed day care mother. Jennifer eats lunch, naps, and then plays with 'normal' kids till Sue picks her up after school.

"If it weren't for Mrs. Hayes, I couldn't do what I do," Sue emphasizes. Most day care mothers will not accept handicapped children, and Mrs. Hayes is working to help them overcome their fears.

"People are frightened of handicapped children," Sue says. "They don't know that children like Jennifer are loving and warm, normal in every way except for their handicap."

Sue believes firmly in treating Jennifer normally, like any other child. She pushes Jennifer, stimulates her with books, walks, and conversation. And it has paid off. When Jennifer was born, the doctors said she probably wouldn't walk until she was 4. Jennifer walked at age 2. She learned to talk sooner than expected, too, and she enjoys being with other people.

And to the people who know Jennifer, she is someone special.

Sue says that a lot of people aren't aware of how the United Way serves them. They don't connect Scouting or the YMCA swim team with the United Way, and she tries to help them make that connection.

"And to the people I work with, Jennifer is someone special. So when someone asks me, 'Why should I give to the United Way?' I just answer, 'Do it—for Jennifer.'

"That's why I do it — for Jennifer."



Jennifer Robinson

## Calendar

Continued from Page 12

6 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Shabbat Services (Orthodox). Young Israel.

7 & 9:30 p.m. \*Cornell Cinema presents "Coming Home." Rated R. Statler Auditorium.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7:30 p.m. Pentangle II Free Film Series: "Joyless Street" (Pabst, 1925, Germany). Uris Hall Auditorium.

7:30 p.m. Cornell Christian Fellowship meeting for prayer, singing and teaching. All welcome. Morrill 106.

7:30 p.m. \*Cornell Varsity Soccer-Brown. Schoellkopf.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 & 9:30 p.m. Campus Crusade for Christ Paragon Experience: "If I Should Die," a multi-media presentation. Ives 120.

8 p.m. Department of English and Society for the Humanities Poetry Reading. Anthony Hecht, John H. Deane Professor of Rhetoric and Poetry. University of Rochester. Andrew D. White House 110.

8:15 p.m. \*Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

8:30 p.m. Women's Coffeehouse sponsored by Feminist Alliance. All women welcome. Straight Memorial Room.

9 p.m. Noyes Center Board and Noyes Center Program Board presents "Room Mate Game," game show. Noyes Center third floor lounge.

9:30 p.m. \*Cornell Cinema presents "La Grande Bourgeoise." Uris Hall Auditorium.

10 p.m. Tammany Niteclub "Jazz a la Mode." Food and live entertainment. Risley.

11:45 p.m. \*Cornell Cinema presents "Fillmore." Late Night Series. Uris Hall Auditorium.

### Saturday, October 21

8:30-10 a.m. The Judge William B. Groat Alumni Award and Conference Panel Discussion: "Significant Developments and Portents in EEO," chairperson: Vernon Briggs; Arthur B. Smith, Jr., attorney at law; William J. Kilberg, attorney at law. I&LR Conference Center 105.

9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

10 a.m. \* Cornell Lightweight Football-Princeton. Schoellkopf.

10:15-11:45 a.m. The Judge William B. Groat Alumni Award and Conference Panel Discussion: "EEO: Management Perspectives/Problems/Prospects," chairperson, Felician Foltman; Robert J. Landsman, Xerox Corporation; Robert F. Young, New York Telephone Company; Elizabeth Wesman, I&LR graduate student. I&LR Conference Center 105.

1:30 p.m. \*Cornell Varsity Football-Brown. Schoellkopf.

4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Chapel.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7 & 9:30 p.m. \*Cornell Cinema presents "La Grande Bourgeoise." Uris Hall Auditorium.

7 & 9:30 p.m. \*Cornell Cinema presents "Coming Home." Rated R. Statler Auditorium.

7:30 p.m. \*Hidy Ochiai's Martial Arts Show. Known throughout the world for his spectacular performances, Master Hidy Ochiai will demonstrate the essence of karate, kobudo (the use of various simple weapons) and swordsmanship. Sponsored in part by the China-Japan Program. Open to all. Bailey Auditorium.

8:15 p.m. \*Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

8:30 p.m.-midnight. \*Cornell Outing Club Square Dance with Don Miller calling. Straight Memorial Room.

10 p.m.-2 a.m. Tammany Niteclub with live music and refreshments. Risley.

11:45 p.m. \*Cornell Cinema presents "Fillmore." Late Night Series. Uris Hall auditorium.

### Sunday, October 22

\* 9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff and families welcome. Church school and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.

10:45 a.m. Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation.

11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.

1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Straight Loft 2.

7:30-11 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m.; requests 8:30-11 p.m. All welcome. Straight North Room.

8 p.m. \*Cornell Cinema presents "Macbeth." Shakespeare Film Series. Rated R. Uris Hall Auditorium.

### Exhibits

Olin Library: "The Splendor of Islamic Art," through Oct. 29.

Herbert F. Johnson Museum of Art: "Peter Berg: Installation," through Oct. 15; "Cornell University Department of Art Faculty Exhibition," through Oct. 15; "Architecture+ Media: Visual Communication in Environmental Design," through Nov. 5. Art Insights: Making Senses Workshops: Oct. 4 through Nov. 11. Register at the Museum desk or by calling 256-6464.

### Announcements

**Intramural Cross Country-Men, Women.** The deadline on entries is Monday, Oct. 16 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. No less than 3 nor more than 5 will comprise a team. Meet will be run on Friday, Oct. 20 at 5:10 p.m. starting at the Moakley House on the University Golf Course.

**Intramural Ice Hockey-Men, Women.** The deadline on entries is Thursday, Oct. 19 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. A minimum of 12 to enter. Entrance fee of \$10 due with your roster. Checks payable to the Department of Physical Education and Athletics, Intramural Division. Please specify class A or B when entering. There must be a minimum of 18 in both A and B otherwise all teams play in class A, in each division. Type of play is single elimination.

**Photography for Portfolio.** On Oct. 14 and 15, the North Campus Craft Studio will be sponsoring a workshop open to all artists and craftspeople. This workshop will cover through lecture and practise, the skill of preparing slides and photography so needed for each creative person's portfolio. The workshop will be taught by Marilyn Rivchin, a prominent local photographer and instructor at Ithaca College. There will be a nominal fee to cover the cost of instruction and materials. For more information, call the Craft Studio at 256-6238 from 6-10 p.m. Registration is limited.

# Calendar

October 12 — 22

All items for the Chronicle Calendar must be submitted by mail or in person to Fran Apgar, Office of Central Reservations, 32 Willard Straight Hall, at least 7 (seven) days prior to publication of the Chronicle.

\* Admission charged

Attendance at all events is limited to the approved seating capacity of the hall.

## Thursday, October 12

9:30-11:30 a.m. Play group available for married students' children under three years of age. Call Margaret Weiss for more information at 257-6867. Hasbrouck Apartments Brown Center.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:15 p.m. Women's Studies Graduate/Faculty Colloquium Series: "Career Satisfaction and Problems Among Women in Professional Occupations." Lawrence K. Williams, Industrial and Labor Relations. Uris Hall 494.

4 p.m. Natural Resources Seminar: "The Office of Biological Services (The Fish and Wildlife Service Octopus Sprouts an Environmental Arm) Alfred Eipper, U.S. Fish and Wildlife Service. Fernow 304.

4:30 p.m. Botany, Genetics and Development Special Seminar: "Gene activity in 'Chironomus' Development." Hans Laufer. Bradford 108.

4:30 p.m. Society for the Humanities Lecture: "The Iconography of Byzantine Coinage." (with slides). Philip Grierson, Gonville and Caius College, Cambridge; Visiting Fellow Society for the Humanities. Goldwin Smith Hollis Cornell Auditorium.

4:30 p.m. Holistic Health Symposium chaired by Paul Buck. Martha Van Rensselaer N207.

4:45 p.m. Campus Council meeting. Clark 701.

7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested please attend. Barton.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

7:30 p.m. Inductive Bible study in John's Gospel sponsored by Cornell Bible Applications Group. Everyone is invited. Balch Lounge unit 2.

7:30 p.m. Law Panel Discussion featuring private practice lawyers, ex-labor lawyer-professor, University Counsel and possibly a judge, sponsored by Pre-Law Society. McGraw 165.

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

8 p.m. Coalition Against Apartheid and Southern African Liberation Committee present free film and speaker: "There Is No Crisis." Drake Koka, South African trade unionist. Uris Hall Auditorium.

## Friday, October 13

8 a.m.-5 p.m. ROTC Tri-Service Brigade Navy Birthday. Barton.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:15 p.m. Women's Studies Friday Seminar: "Organizing Women Clerical Workers: 'Raises not Roses.'" Jeanne Milstein, ILR '77, Organizer, "Nine to Five," Hartford, Connecticut. I&LR Conference Center 105.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.

4:15 p.m. Coalition for the Right to Eat alternating business and learning exchange meeting. Anabel Taylor Forum.

6 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.

7 p.m. Shabbat Services (Orthodox). Young Israel.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7 & 9:30 p.m. \*Cornell Cinema presents "In the Realm of the Senses." Rated X. Statler Auditorium.

7:30 p.m. Cornell Christian Fellowship meeting for prayer, singing and teaching. All welcome. Morrill 106.

7:30 p.m. Pentangle II Free Film Series: "Socrates" (Rossellini, 1970, Italy). Uris Hall Auditorium.

7:30 p.m. Twig Bible Fellowship sponsored by the Way Ministry. Balch Unit 2 study lounge.

8 p.m. \*Cornell Folk Song Club presents Priscilla Herdman in concert, singer of Australian and English songs. Goldwin Smith Kaufmann Auditorium.

8 p.m. The Department of University Unions presents "Oktoberfest," a dance featuring "Steps." German food and beer garden. Barton.

9:45 p.m. \*Cornell Cinema presents "Superfly." Rated R. Uris Hall Auditorium.

10 p.m.-midnight. Tammany Niteclub with live music and refreshments. All welcome. Risley.

11:45 p.m. \*Cornell Cinema presents "Hollywood Boulevard." Late Night Series. Uris Hall Auditorium.

## Saturday, October 14

9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.

10 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.

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4:30 p.m. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Chapel.

7 p.m. Cornell Dungeons and Dragons meeting. Upson 111.

7 & 9:30 p.m. \*Cornell Cinema presents "In the Realm of the Senses." Rated X. Statler Auditorium.

7 & 9:45 p.m. \*Cornell Cinema presents "Superfly." Rated R. Uris Hall Auditorium.

8:30 p.m.-midnight. \*Finger Lakes Group of the Sierra Club Square Dance with Roger Knox calling. Straight Memorial Room.

10 p.m.-midnight. Tammany Niteclub with live music and refreshments. Risley.

11:45 p.m. \*Cornell Cinema presents "Hollywood Boulevard." Uris Hall Auditorium.

## Sunday, October 15

9:30, 11 a.m. & 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

9:30 a.m. Episcopal Eucharist Worship Service. Faculty, staff and families welcome. Church school and nursery care. Coffee hour following service in Founders Room. Anabel Taylor Chapel.

10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor Forum.

10:45 a.m. Lutheran Church Worship Service. Nursery care provided. Coffee hour following service. Church school prior to service at 9:30 a.m. 109 Oak Avenue.

11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation: Ahmad Sakr, Secretary General, Muslim World League, United Nations, NY.

11:15 a.m. Protestant Church at Cornell. All welcome. Anabel Taylor Chapel.

1-2 p.m. Meditation as taught by the Living Master Sant Darshan Singh Ji. Straight Loft 2.

2 p.m. Sukkah Decorating Party. Anabel Taylor Courtyard.

6:15 p.m. Erev Sukkot Services. Anabel Taylor Founders Room.

7:30 p.m. International Folk Dancing. Teaching for intermediates 7:30-8:30 p.m.; requests 8:30-11 p.m. All welcome. Straight North Room.

8 p.m. \*Cornell Cinema presents "King Lear." Uris Hall Auditorium.

## Monday, October 16

9:30 a.m. Sukkot Services. Anabel Taylor Edwards Room.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:20 p.m. Agricultural Engineering Seminar: "Measurement of Quality and Composition of Food and Food Products." W. Fred McClure, Biological and Agricultural Engineering, North Carolina State University, Raleigh. Riley-Robb 400.

4 p.m. Jugatae Seminar: "Some Remarkable Similarities Between Mosquitoes and Toads." Henry H. Hagedorn, Entomology, Cornell. Caldwell 100.

4:30 p.m. No Deposit-No Return: What is it Costing Us? An Eco-Justice Forum on the status of container legislation in New York State featuring Richard B. Fischer, Science and Environmental Education, Cornell. Ives 217.

4:30 p.m. University Lecture: "British Ecosystems and Man - the Record Unravelling by Biological Analysis of Lake Sediments." Winifred Pennington Tutin, Freshwater Biological Association (U.K.) and Honorary Reader in Botany, University of Leicester. Uris Hall Auditorium.

4:45 p.m. Concert by the Cornell Symphonic Band directed by Marice Stith. Works of Holst, Hanson, Scriabin, Benson, and Chatterway. Free and open to the community. Straight Memorial Room.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 p.m. America and World Community: "The Flow of Global Communication and Human Survival." Njoku Awa, Communication Arts. Anabel Taylor One World Room.

7:30 p.m. Minority Business Association general meeting. North Campus Conference Room 2.

7:45 p.m. Monday Night Ornithology Seminar. Lyman K. Stuart Observatory, 159 Sapsucker Woods Road.

8-11 p.m. Contra Dance with live music. All dances taught, beginners welcome. Sponsored by Cornell Country Dance Club. Straight Memorial Room.

8:15 p.m. \*Faculty Committee on Music presents Chamber Music Society of Lincoln Center. Works of Milhaud, Glinka, Beethoven, Schumann. Statler Auditorium.

9 p.m. \*Cornell Cinema presents "Shadow of a Doubt." Film Club members only. Uris Hall Auditorium.

## Tuesday, October 17

9:30 a.m. Sukkot Services. Anabel Taylor Edwards Room.

11:15 a.m. Baker Lecture Series: "Cryptates: The Chemistry of Macropolycyclic Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts. An Approach to the Chemistry of the Intermolecular Bond." Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France. Baker 200.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:20 p.m. Cornell Women's Caucus. All welcome. Ives 118.

4:15 p.m. Food Science Seminar: "The Role of Starch in Baked Products." David Lineback, Food Science, Pennsylvania State University. Stocking 204.

4:30 p.m. Animal Science 640 Wildlife Nutrition Seminar: "Nutrition of Captive Birds." Milton L. Scott, Poultry Science. Morrison Hall 348.

4:30 p.m. Geological Sciences Seminar: "Magnetotelluric Sounding of the Continental Crust." D.W. Strangway, University of Toronto. Thurston 205.

7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested please attend. Barton.

7:30 p.m. The Cornell Ski Club presents "Winter Expo '78," wine and cheese, speakers, films, ski trip information, Greek Peak and more. Straight Memorial Room.

7:30-9 p.m. Infant Care and Resource Center Lecture: "Good Beginnings - The First Six Months." The topic is nutrition and is for expectant parents and parents with children under six months, but anyone interested is welcome. Sage Infirmary, 2nd floor. 512 East State Street.

7:30 p.m. Folk dancing for couples. Singles, beginners, all ages welcome. Martha Van Rensselaer Auditorium.

8 p.m. \*Cornell Cinema presents "Death in the Garden." Bunuel Series. Uris Hall Auditorium.

## Wednesday, October 18

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:30 p.m. Lutheran Eucharist Service. Anabel Taylor G-15.

4:30 p.m. Cornell JV Cross Country. Cornell Golf Course.

4:30 p.m. Cornell University as an Employer meeting. All welcome. Ives 214.

4:30 p.m. Biophysics Seminar: "Photosynthetic Hydrogen Production: Electron Turnover Time and Pool Size in Green Algae." Elias Greenbaum, Union Carbide, Inc., Tarrytown, NY. Clark 700.

4:30 p.m. Mini/Micro Seminar Series: "UCSD PASCAL System - Portable Software for Micros." Alison Brown, Computer Services. Uris Hall G-14.

5 p.m. Wilderness Reflections committee meeting. Straight Loft 2.

7 p.m. Ithaca Friends (Quakers) midweek meetings for worship. Those interested in finding out what Friends' meetings are all about are especially invited. All welcome. Anabel Taylor Forum.

7 p.m. Beginning Hebrew. Anabel Taylor 314.

7:30 p.m. America and World Community: "The Flow of Global Communication and Human Survival." Njoku Awa, Communication Arts. Anabel Taylor One World Room.

7:30-11 p.m. International Folk Dancing. Teaching for beginners 7:30-9 p.m.; requests 9-11 p.m. All welcome. Straight Memorial Room.

7:30 p.m. Cornell Chess Club meeting. Upson 111.

7:30 p.m. Twig Bible Fellowship sponsored by The Way Ministry. Balch Unit 2 study lounge.

7:30 p.m. No Deposit-No Return: What is it Costing Us? An Eco-Justice Forum on the status of container legislation in New York State featuring Richard B. Fischer, Science and Environmental Education, Cornell. Ives 217.

8 p.m. Come find out about the Religious Society of Friends. Explore with us in weekly discussions. More experienced Friends will facilitate. Everybody welcome to come join in. Anabel Taylor Forum.

8 p.m. \*Cornell Cinema presents "Shall We Dance." Astaire/Rogers Series. Uris Hall Auditorium.

## Thursday, October 19

9:30-11:30 a.m. Play group available for married students' children under three years of age. Call Margaret Weiss for more information at 257-6867. Hasbrouck Apartments Brown Center.

11 a.m.-5 p.m. Rabbi Chapin of Hebrew Union College will be here to interview prospective applicants. Anabel Taylor G-34.

11:15 a.m. Baker Lecture Series: "Cryptates: The Chemistry of Macropolycyclic Inclusion Complexes and the Design of Molecular Receptors, Carriers and Catalysts. An Approach to the Chemistry of the Intermolecular Bond." Jean-Marie Pierre Lehn, Universite Louis Pasteur de Strasbourg, France. Baker 200.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:15 p.m. Women's Studies Graduate/Faculty Colloquium Series: "Women, Women's Divinities and the Divine: An Investigation of Femaleness as a Social and Cultural Mediator." Kathryn March, Anthropology. Uris Hall 494.

4 p.m. \*Cornell JV Soccer-Hartwick. Schoellkopf.

4 p.m. China-Japan Illustrated Lecture: "Two Historians in Northern China: Reflections on a Recent Journey." Sherman Cochran, History and Martie W. Young, History of Art. Goldwin Smith Hollis E. Cornell Auditorium.

7-10 p.m. Cornell Ultimate Frisbee Team meeting. All interested please attend. Barton.

7 p.m. The Christian Science Organization welcomes students, staff and campus visitors to the weekly readings and testimonies meeting. Anabel Taylor Founders Room.

7 p.m. Gay Peer Counseling Workshop II sponsored by Cornell Gay Liberation and EARS. Goldwin Smith 162.

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

7:30 p.m. Inductive Bible study in John's Gospel. Everyone is invited. Sponsored by Cornell Bible Applications Group. Balch Lounge Unit 2.

7:30 & 9:30 p.m. Campus Crusade for Christ Paragon Experience: "If I Should Die." a multi-media presentation. Ives 120.

8 p.m. Dimock Lecture: "Recombinant DNA. Agricultural Science, and Society." Peter R. Day, geneticist and participant in first conference on potential risks associated with research on genetic engineering. Bradford 101.

8 p.m. \*Cornell Cinema presents "Last Supper." Co-sponsored by CUSLAR and Third World Student Programming Board. Cuban film on slavery during colonial period. Uris Hall Auditorium.

8:15 p.m. \*Department of Theatre Arts presents "The House of Bernarda Alba" by Federico Garcia Lorca. Straight Theatre.

## Friday, October 20

8:30 a.m.-4:30 p.m. Last day to change extramural registration. Day 105.

12 noon. Catholic Sacrament of Reconciliation. Anabel Taylor G-24.

12:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.

12:15 p.m. Women's Studies Friday Seminar: "Women in the Business World: Starting to Make a Difference?" Myrlie Evers, Atlantic Richfield Company, Los Angeles, California. I&LR Conference Center 105.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.

4:15 p.m. Coalition for the Right to Eat alternating business and learning exchange meeting. Anabel Taylor Forum.

4:30 p.m. The Judge William B. Groat Alumni Award Presentation and Address: "Preferential Remedies and Affirmative Action in Employment in the Wake of 'Bakke.'" Harry T. Edwards, Law, University of Michigan Law School. Ives 120.

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