

Cornell Chronicle

Volume 14, Number 7

Thursday, October 7, 1982



This year's cheerleading squad, shown at the Colgate game on Schoellkopf Field, includes (top row, from left) Dorian Gravenese, Gail Vereb (captain), Pam Harbold, Jeanna Veillette, Jenny Baker; (bottom) Ted Kurtides, Reuben King-Shaw, Ken Griffin, Karl Mulle and Ron Bechtold.

Patents/Licensing Income Tops \$1 Million for Year

First Time Since Program Began During 1930s

Income from patents and licensing of ideas developed at Cornell exceeded \$1 million for the fiscal year 1981-82, according to figures released by Theodore C. Wood, manager of patents and licensing. Wood said it was the first time income had exceeded \$1 million since the program was established in the early 1930s.

Cornell has been a recognized leader among the nation's top research institutes over the past decade in efforts to overcome what has been called this country's growing "technology transfer gap," with most of the world's industrial nations.

Cornell's efforts are channeled through the Cornell Research Foundation, Incorporated (CRF), a wholly-owned subsidiary of the university that "fosters the effective transfer of university-developed technology to industry, with the belief that commercialization of new technology benefits the public. Most of the income from license royalties is invested in further research. A percentage is provided to the inventors, and CRF retains a small percentage required for the foundation's administration."

Currently, CRF holds 104 U.S. patents and has applications pending in the United

States on 48 others. Five years ago there were 64 patents and 25 pending.

Total receipts from licenses and options for 1981-82 were \$1,226,252, of which \$785,841 was distributed to the colleges from which the ideas originated. Some \$175,890 was distributed to inventors, Wood said.

In 1980-81 total receipts from licenses and options for 1980-81 were \$745,292, of which \$465,364 was dispersed to the originating units and \$104,039 went to the inventors.

"The cost of obtaining patent protection and conducting an effective licensing effort for a given technology can be high," according to Wood. "Only those inventions with a real potential for success are selected for the program."

A patent professional at the university reviews the potential of the invention and assists the inventor in preparing the information required for a patent application.

Usually an outside patent attorney, experienced and trained in the related scientific discipline, is engaged to file and pursue a patent application. Such work is reviewed with the inventor by the resident patent professional, he said.

Inquiries concerning this expanding program, may be directed to the Office of Patents and Licensing at East Hill Plaza, 256-7367.

Ithaca Campus Fall Enrollment at 16,896

Figure Is 71 Above Projection Made Last Spring

The Ithaca campus enrollment at the university for the fall of 1982 is 16,896, according to semi-final figures released by Vice Provost Larry I. Palmer.

Last spring, Palmer projected this fall's enrollment as 16,825. "Given the uncertainties of the college selection process and financial aid availability, I'm pleased that we came this close to the target," he said.

At the start of fall registration in August, Dean of Admissions and Financial Aid James J. Scannell had predicted that en-

rollment would be within 100 of the projection. The difference turned out to be 71.

It will be late October before final enrollment figures are available, Palmer said.

In 1981, the Ithaca campus enrollment was 16,850. In 1980, it was 16,961.

Cornell's total enrollment this fall is 17,322. A year ago it was 17,234. The year before that it was 17,316.

The difference between "total en-

rollment" and "Ithaca campus enrollment" is in absentia students, employee degree candidates and off campus students, none of whom are included in the Ithaca campus total.

This method of determining Cornell's Ithaca-student population was adopted in 1980 to give an accurate picture of the impact of "real" Ithaca enrollment on Cornell's on-campus facilities and programs, Palmer said.

(Enrollment Table on Page 6)

Potpourri

'Getting Past the Future' Title of Garvin's Talk

"Getting Past the Future" is the topic for a major public address to be delivered by the chief executive officer of the Exxon Corp. at 4:45 p.m. Thursday, Oct. 14, in Uris Hall Auditorium.

Clifton C. Garvin Jr., who has been with Exxon for 35 years and has headed the world's largest industrial corporation since 1975, will be at the university as Cornell's third Hatfield Fellow.

The Hatfield Fellow program was created two years ago through a gift from the Continental Group Foundation to honor Robert S. Hatfield, a Cornell alumnus who retired in 1981 as chairman and chief executive officer of The Continental Group Inc.

The 4:45 talk will cap a day in which Garvin will attend three Cornell classes, a

seminar and a forum. He'll be "team teaching" with three faculty members and joining in discussions with students and professors.

Garvin will begin the day with William B. Travers, associate professor of geological sciences, and his class, "Introductory Geological Sciences." Next Garvin will join George A. Hay, professor of law and economics, in his "Industrial Organization" class. His last class will be with George Scheele, associate professor of chemical engineering.

In the afternoon, Garvin will participate in a seminar with members of Tau Beta Pi, the national engineering fraternity, and in an executive forum in the Graduate School of Business and Public Administration.

The Hatfield fellowships, intended to

enhance communication between the campus community and leading corporations, annually bring a distinguished national business leader to Cornell to deliver a major address and to meet informally with students and faculty. Hatfield was the first

participant last April.

The endowment also provides support for Cornell faculty members who propose innovative ways to strengthen the teaching of applied economics.

Avineri to Give Three Lectures

Israeli political scientist Schlomo Avineri will give three public lectures during his stay here as one of the university's Andrew D. White Professors-at-Large, Oct. 10 through Oct. 20.

His first public talk will be at 4:30 p.m. Wednesday, Oct. 13, in 165 McGraw Hall on the topic "Modernity and Early Socialist Thought."

He will discuss "Israel Today," in a public talk scheduled for 8:15 p.m. Monday, Oct. 18, in Kaufmann Auditorium under the auspices of the Department of Unions and Activities.

At 4:30 p.m. Tuesday, Oct. 19, in Kaufmann Auditorium, Goldwin Smith Hall, he

will address the subject, "The Fossil and the Phoenix: Hegel and Krochmol and the Jewish Role in History."

Avineri will hold office hours in 103 McGraw Hall from 10 a.m. to noon, Wednesday, Oct. 13 and from 10 to 11:30 a.m. Tuesday, Oct. 19.

During his stay he will meet with faculty and students informally and take part in a number of seminars and discussions sponsored by the Department of Government.

A former secretary general of the Israeli Foreign Ministry, Avineri is currently professor of political science at Hebrew University, Jerusalem. He was named an A.D. White Professor for a six year term in 1978.

Bird Photography Offered

A home study course in bird photography, prepared by professional photographers, is now offered by Cornell University's Laboratory of Ornithology.

The course gives participants the opportunity to learn basic and advanced techniques for photographing birdlife. It is the only such course of its kind and is the most complete source of information on this topic compiled so far.

Beginning with the selection and use of equipment, the course takes students from backyard bird photography at feeding and watering stations to nest photography and to advanced flash and remote-control setups.

Other topics covered are: Photographing birds in flight, beginning and advanced cinematography, and how and where to sell photographs.

Besides a comprehensive text, the course includes essays and photographs from well-known bird photographers, including Ron

Austing, John Dunning, Eric Hosking, Kenneth Gardiner, Olin Sewall Pettingill, Caulion Singletary and others.

Students submit assignments and receive evaluation of their work from the laboratory's professional staff. Participants are also encouraged to submit photographs of high quality to THE LIVING BIRD QUARTERLY, the Laboratory's new full-color magazine, for possible publication.

The Laboratory of Ornithology is one of the best-known centers for the study of birdlife in the world. It was founded in 1957 by the eminent ornithologist and photographer Arthur A. Allen and pioneer bird sound recordist Peter Paul Kellogg.

More information on the home study course or other programs can be obtained by writing: Laboratory of Ornithology, Sapsucker Woods, Ithaca, N.Y. 14850. Telephone: (607) 256-5056.

'Streamers' 2nd in Series

Emmy Award nominee Damien Leake will star in Theatre Cornell's production of David Rabe's "Streamers," which opens Oct. 14 in Drummond Studio. The production will be the second in Theatre Cornell's Americana Festival: Illusions of the American Dream.

Winner of the 1976 New York Drama Critic's Circle Award for Best American Play, "Streamers" is the third in Rabe's controversial, critically acclaimed, trilogy of dramas examining the effects of Vietnam on the American psyche. The play's title is Army slang for unopened parachutes.

The play is set in a room in an Army barracks which is a microcosm for some of

the most explosive tensions in American society—social, racial, sexual—set against the uneasy 1965 backdrop of the escalating American involvement in Vietnam.

Leake will be seen in the role of "Carlyle." He was nominated for the Emmy Award for his performance in the PBS American Playhouse Series "Medicine Honor Rag."

Performances are scheduled for 8:15 p.m. Oct. 14-16; 21-23; 28-30 with a 2:30 p.m. matinee on Oct. 24.

For reservations or information call Theatre Cornell Box Office (607) 256-5111. The office is open from 1 to 6 p.m., Monday through Friday.

Architectural Lectures Planned

French author and architectural critic Francoise Choay will give the Preston H. Thomas Memorial Lecture Series this fall on the topic "Theory of Architecture: Conflicting Roles of Myth, History, and Remembrance in Alberti, Quatremere de Quincy, and Viollet-le-Duc."

The four-part series open to the public will be in Alice Statler Auditorium starting Thursday, Oct. 14 at 8 p.m. The other lectures are scheduled for 8 p.m. Friday, Oct. 15; 3 p.m. Sunday, Oct. 17 and 8 p.m. Tuesday, Oct. 19.

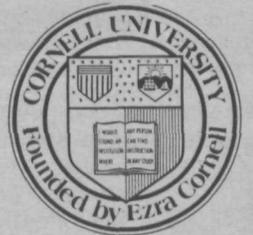
The series is given annually through the Department of Architecture with funds provided by Mr. and Mrs. Leonard Thomas of Sennett in memory of their son, a former architecture student at Cornell.

Choay has been architectural critic for several of France's leading magazines at various times since the mid 1950s. She is the author of four books including one on the French architect Le Corbusier. Perhaps her best known book in English is "The Modern City."

In addition to her books and magazine articles she has contributed articles to

numerous reference books and encyclopedias including the Britannica.

She has been a visiting professor at a number of universities in Great Britain, France, Belgium and the United States. She was at Princeton University in 1971, Massachusetts Institute of Technology in 1971, University of Milwaukee in 1972 and Columbia University in New York City in 1973.



Jobs

The following job openings are new this week. For information on vacant positions listed in previous issues of the Chronicle, contact Personnel Staffing Services, 130 Day Hall. Cornell is an affirmative action employer.

Administrative/Professional
 Director, Administrative Computing (Computer Services-APS)
 Material Manager (General Stores)
 Research Support Aide (Human Development & Family Studies)

Clerical
 Administrative Aide, GR23 (Engineering and Facilities)
 Accounts Coordinator, GR20 (Veterinary Pathology)
 Secretary, GR18 (University Development)
 Accounts Assistant, GR17 (Cashier's Office)
 Secretary, GR18 (NYC Cooperative Extension)

Technical
 Technician, GR22 (Equine Drug Testing—Yonkers/Roosevelt Raceways)
 Technician, GR21 (Preventive Medicine)
 Technician, GR20 (Division of Nutritional Sciences)

Technician, GR19 (Vet. Microbiology, Baker Institute)

General Services
 Shift & Maintenance Mechanic, SO23 (Maintenance & Service Operations)

Part-time
 Typist, GR15 (Engineering Coop. Program)
 Technical Assistant, GR16 (Microbiology)
 Technical Assistant, GR16 (Neurobiology and Behavior)
 Information Assistant, GR18 (University Libraries, Reference/Olin)
 Accounts Assistant, GR20 (Utilities)
Academic
 Physicist Research Associate (Cornell Accelerator Laboratory)

The Job Opportunities list is mailed to all Cornell departments. In addition, it is posted in the following places: Day Hall Information Desk, second floor lobby; at the Circulation and Reference Desks of all university libraries; in the Mail and Newspaper Section, Olin Library; all college and technical libraries; Roberts Hall Post Office; and in the Upper Activities corridor Willard Straight Hall.

Cornell Chronicle

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It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age or handicap. The university is committed to the maintenance of affirmative action programs which will assure the continuation of such equality of opportunity.

Retirement Change Meetings Scheduled

50 Separate Sessions Set for Endowed Non-Exempt

During the weeks of Oct. 25 and Nov. 1, University Personnel Services will hold meetings for employees affected by the change in Cornell's non-exempt retirement plan for endowed employees. An invitation to attend one of some 50 information and enrollment sessions will be included in each of the informational packets which will be mailed next week to nearly 2,500 endowed non-exempt employees.

University Personnel Services considers the change to the TIAA/CREF retirement program, known as the Cornell University Retirement Plan (CURP), as one of the most significant improvements ever made in benefits for endowed non-exempt employees at Cornell. It was approved in September by

the Executive Committee of the Cornell Board of Trustees and becomes effective Jan. 1, 1983.

For the first time all faculty, exempt and non-exempt staff of Cornell's endowed units will have the same retirement plan. Under the plan, the university will contribute an amount equal to 10 percent of each eligible employee's annual budgeted salary to individual contracts owned by the employee.

At the informational meetings, employees will view slide presentations describing their benefits under the existing plan and the way in which these benefits will be coordinated with the new TIAA/CREF program. Representatives from TIAA/CREF will be present to introduce the new plan and to answer

questions.

All eligible employees will be asked to fill out a TIAA/CREF enrollment application at the meetings and will be required to furnish proof of age. Employees should bring their driver's license, birth certificate or other piece of identification containing date of birth. The new plan carries a death benefit and employees should be prepared to list the birth date of any beneficiary they choose to name.

Employees will also be asked to decide how they want their funds in the plan invested. Contributions through TIAA are invested in long term bonds, mortgages and direct loans to business and industry. TIAA invested funds accumulate compound interest, currently

at the rate of 14 percent, during the participant's working years. Contributions invested with CREF purchase accumulation units, which are similar to shares of ownership, in a common stock fund. The value of a single accumulation unit changes monthly to reflect changes in stock market values.

All information and enrollment sessions will be held during regular working hours. Special arrangements will be made to accommodate the needs of employees whose work shifts do not fall between the hours of 8 a.m. to 4:30 p.m.

Questions concerning the non-exempt retirement plan change may be directed to the Employee Benefits section of University Personnel Services, 256-3936.

New Faculty/Staff ID Cards to Be Multi-Purpose

Those faculty and staff bus passes that have been held together by scotch tape for the last three years will soon be put to rest as the new Faculty/Staff Photo I.D. Card system is instituted.

The new cards will have the user's photograph and an I.D. number on them and are designed for multi-purpose usage including the official bus pass. They will also serve as identification for library use, check cashing at the Credit Union and at the bands on campus, departmental charging in the Campus Store and for admission to athletic events.

Planning for a uniform I.D. system began several years ago, according to Rich McDaniel, a member of the planning committee. "After conferring with the Employee Assembly, the Personnel Support Group, the Dean of the Faculty, the Deans' Council and the Controller's Support Group it was decided that the photo I.D. system was the best and we are now in the process of taking the photographs."

The new photocard will benefit both the employee and the university by eliminating unauthorized use of cards and by cutting down on the paper work now involved in processing requests for bus passes and the present I.D. cards, McDaniel said.

Picture-taking has already started at

various locations on campus. The dates, places and times listed below are general picture taking sessions for any regular full- or part-time faculty or staff member:

Oct. 7, 8:30-10:30 a.m. 214 Olin Library, for Uris and Olin Library personnel only;
Oct. 8, 6:30 a.m.-5 p.m., Memorial Room,

Willard Straight Hall;

Oct. 12, 8 a.m.-6 p.m. Memorial Room, Willard Straight Hall;

Oct. 15, 11 a.m.-4 p.m., 101 Sibley Hall;

Nov. 3, 8:30 a.m.-4:30 p.m. TV Studio,

Martha Van Rensselaer Basement;

Nov. 12, 8 a.m.-5 p.m., 348 Morrison Hall.

New York City Air Service Trial to Continue

The university will continue an experimental program of regularly scheduled non-stop chartered flights weekdays to and from New York City (LaGuardia Airport), at least through the month of October.

Wallace B. Rogers, director of General Services, said the program has been developed to provide more convenient evening air service for Cornell faculty and employees than is provided currently by commercial airlines between New York City and Ithaca.

The one-way fare, \$90, is cheaper than commercial flights. "But more importantly," Rogers said, "the program provides non-stop service to and from Ithaca, without long layovers in Syracuse and Elmira."

Rogers outlined the program which began in mid-September:

The non-stop charter flights will be in either four-passenger Aztecs or six- or eight-passenger Navajos. The flights will operate daily, Monday through Friday:

—Leaving Ithaca (Chartair) 6:30 p.m.

—Arriving LaGuardia (Marine Terminal) 7:45 p.m.

—Leaving LaGuardia (Marine Terminal) 8:30 p.m.

—Arriving Ithaca (Chartair) 9:30 p.m.

If permission to land at LaGuardia cannot be secured from the Federal Aviation Administration, Newark Airport will be used as an alternative.

The service is also available to persons visiting Cornell on business, provided that the flight charge is billed directly to a university operating account, not to the individual.

Reservations for space on these flights must be placed with Rogers, 161 Day Hall (6-3313 or 6-6246) no later than three working days prior to the date the service is desired. Reservations may be cancelled up to 3:00 p.m. of the day prior to the flight. After that deadline, the passenger will be required to pay the \$90 charge, even if the trip is not taken.

Faculty to Discuss Board Study Report

A joint meeting of the University Faculty and the Faculty Council of Representatives will be held at 4:30 p.m. Wednesday, Oct. 13, in 110 Ives Hall.

Among items on the agenda will be discussion of the report of Board of Trustees Study Committee and discussion of the membership of the Faculty.

United Way Campaign Off to a Good Start

One week into the 1982 United Way Campaign, the Cornell portion of the drive has reached \$80,000 or 28.5 percent of the goal of \$280,000. Among the divisions reporting early success are Public Affairs, chaired by Kathy Farrell, 67 percent of goal; Hotel Administration, Harry Keller, 66 percent, and Computer Services, Gene Holleran, 49 percent.



United Way People



United Way
of Tompkins County

Esther Spielman

Plant Biology

When Esther Spielman's husband suffered from severe hemorrhaging several years ago, the American Red Cross depleted its local blood supply and traveled to its Syracuse blood bank to obtain the 42 pints of blood needed for his survival.

Currently the administrative manager for the plant biology department, Esther is also her department's United Way chairwoman.

Esther said she does not hesitate to volunteer her time to United Way because she recalls many times that she and her family have benefitted from United Way agencies.

She said Challenge Industries, a sheltered work program for the handicapped and mentally retarded, has employed her handicapped sister as a typist for the past eight years.

The FISH program and Gadabout, two volunteer services for the elderly and anyone with a medical emergency, aided both Esther's husband, and in another emergency Esther's sister, when they needed immediate transportation to the hospital.

"The United Way is the good samaritan," Esther explains. "It doesn't pass people by if they are lying on the side of the road. The United Way, unlike personal charities, helps the entire community."

—Helene Soltan

Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Apgar, Central Reservations, 532 Willard Straight Hall, at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lecturers, colloquia, etc.). ALL DEADLINES STRICTLY ENFORCED.

*-Admission charged.

Announcements

Weigh Station

Jan Gibbs holds Weigh Station meetings for weight control each Thursday from 12 noon-1 p.m. at Barton Hall Blockhouse. Open to professors, students, staff. For more information call 257-0853.

My Indoor Playcenter

The Playcenter provides large motor development equipment and toys for children ages birth to 4 years of the Cornell Community. Children use the toys while the parents or other interested adults observe and interact with the children. There is on-going registration at the Robert Purcell Multi-purpose Room 9:30-11:30 a.m.

Empathy, Assistance & Referral Service

EARS, a walk-in and phone counseling service, is staffed by Cornell student counselors. EARS counselors can recommend groups and strategies to combat loneliness, provide information and arrange appointments with professionals when necessary. The lines are open every day of the week in the afternoon and evening. Drop by 211 Willard Straight Hall or call 256-3277 or 256-7243.

Centerpeace Hotline

Information and referrals for peace work, environmental action and social justice groups at Cornell and in Ithaca, call the Centerpeace hotline at 256-5187, 319 Anabel Taylor Hall, open Monday through Friday 11 a.m. to 2 p.m.

Colloquia

Thursday

Oct. 7, 12:15 p.m. Uris Hall 202. Sociology Colloquium: "Confessions of an Applied Researcher in Search of Principles," Jackson Kytte, Director of Research and Planning, Antioch University.

Oct. 7, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Dynamical Astronomy and Applications," Prof. George Canopoulos, University of Athens, Greece.

Thursday

Oct. 14, 12:15 p.m. Uris Hall 202. Sociology Colloquium: "Gender Discrimination and Popular Dynamics in South Asia," Barbara D. Miller, Senior Research Associate, Syracuse University.

Oct. 14, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Low Mass Carbon Stars. Neutron Capture Nucleosynthesis, and Planetary Nebulae," Professor Icko Iben, Astronomy Department, University of Illinois.

Oct. 14, 8 p.m. Bradfield 101. "Agricultural Research: Its Future Funding," Ralph W. F. Hardy, Director of the Life Science Center, E.I. Dupont de Nemours & Co. Inc. Sponsored by the Plant Pathology Graduate Student Council.

Dance

Every Tuesday, 7:30-9 p.m.

Martha van Rensselaer Cafeteria. English Country Dancing. All dances taught. Beginners welcome.

Every Sunday, 7:30-10:45 p.m.

Straight North Room International Folk Dancing. Teaching 7:30-8:30 p.m.; 8:30-10:45 p.m. requests. Beginners and dancers at all levels welcome.

Wednesday

Oct. 13, 7:30 p.m. Straight Memorial Room. Cornell International Folk Dancing. Teaching 7:30-8:30 p.m.; 8:30-10:45 p.m. requests. Beginners and dancers at all levels welcome.

Every Thursday Anabel Taylor One World Room. Israeli folkdancing. 8-9 p.m. teaching, 9-11 p.m. requests. Beginners through advanced. Everyone welcome.



"Lovers (My Man) Study," a charcoal on paper, is one of some 36 paintings and drawings by black painter Charles White on view at the Herbert F. Johnson Museum of Art through Oct. 24. The museum is open to the public Tuesday through Sunday, 10 a.m. to 5 p.m.

Exhibits

Lyman K. Stuart Observatory Laboratory of Ornithology. Exhibit of bird paintings by Wiessinger. John is an area resident and a former artist-in-residence at the Laboratory. The paintings are on exhibit through October. Hours of operation are: 8 a.m.-5 p.m. Mon. through Thurs; 8 a.m.-4 p.m. Fri.; 10 a.m.-5 p.m. on Sat. & Sun. Free parking available.

Herbert F. Johnson Museum "Images of Dignity: A Retrospect of Charles White" through Oct. 24; "The World of Donald Evans" through Oct. 31; "Francisco Torres: Field of Action" through Oct. 30; "Barbara Kasten: Photographs" through Oct. 17. Museum hours: 10 a.m.-5 p.m. Tuesday through Sunday.

The John Hartell Gallery, Sibley Hall Paintings by Bill Roberts, through Oct. 23.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday

Oct. 7, 8 p.m. Uris Hall Auditorium. CUSLAR Free Film Series: "The Double Day" (1975), directed by Helena SolbergLadd, English subtitles. An informative and thought-provoking documentary on working women in Latin America to achieve equality in the home and the workplace.

Friday

Oct. 8, 9:15 p.m. *Uris Hall Auditorium. "Personal Best" (1982), directed by Robert Towne, with Mariel Hemingway, Scott Glenn, Patrice Donnelly.

Friday & Saturday

Oct. 8 & 9, 8 p.m. *Statler Auditorium. "Woodstock" (1968), directed by Michael Wadleigh, with Janis Joplin, Jimi Hendrix, Santana, Sly and the Family Stone.

Saturday

Oct. 9, 7 & 9:30 p.m. *Uris Ball Auditorium. "Personal Best" (1982), directed by Robert Towne, with Mariel Hemingway, Scott Glenn, Patrice Donnelly.

Sunday

Oct. 10, 5:45 p.m. *Uris Hall Auditorium. "All Quiet on the Western Front" (1930), directed by Lew Milestone, with Lew Ayres. Co-sponsored by History Department.

Oct. 10, 8 p.m. *Uris Hall Auditorium. "If..." (1969) directed by Michael Wadleigh, with Malcolm McDowell. Shown with "Zero for Conduct" directed by Jean Virgo. Also shown "Captain Marvel #2."

Monday

Oct. 11, 8 p.m. *Uris Hall Auditorium. "The Good, the Bad, and the Ugly," (1966), directed by Sergio Leone, with Clint Eastwood, Eli Wallach, Lee Van Cleef.

Tuesday

Oct. 12, 8 p.m. *Uris Hall Auditorium. "Film About A Woman Who..." (1974), directed by

Yvonne Rainer. Also shown: "Daughters of Chaos" directed by Margie Keller.

Wednesday

Oct. 13, 8 p.m. *Uris Hall Auditorium. "Diary of a Chambermaid" (1965), directed by Luis Bunuel, with Jeanne Moreau, Michael Piccoli. Shown with "The Seashell and the Clergyman" directed by Germaine Dulac.

Thursday

Oct. 14, 8 p.m. *Uris Hall Auditorium. "The War at Home" (1980), directed by Glenn Silber/Barry Brown, with documentary cast. Co-sponsored by Ithaca Peace Council.

Friday

Oct. 15, 9:45 p.m. *Uris Hall Auditorium. "Beau Pere" (1981), directed by Bertrand Blier, with Patrick Dewere, Nathalie Baye.

Friday & Saturday

Oct. 15 & 16, 12:30 p.m. *Uris Hall Auditorium. "THX 1138" (1971), directed by George Lucas, with Robert Duvall.

Saturday

Oct. 16, 7 & 9:45 p.m. *Uris Hall Auditorium. "Beau Pere."

Oct. 16, 7 & 10:15 p.m. *Statler Auditorium. "Ragtime" (1981), directed by Milos Forman, with James Cagney, Howard E. Rollins, Jr., Mary Steenburgen.

Oct. 16, 8 p.m. Riskey Theatre. Riskey Free Film Series: "Theatre of Blood." Funded in part by the Student Finance Commission.

Sunday

Oct. 17, 8 p.m. *Uris Hall Auditorium. "High School" (1968), directed by Frederick Wiseman, with documentary cast. Shown with "The Adventures of Captain Marvel #3."

Intramurals

Intramural Ice Hockey (Men, Women)

Deadline on entries is Friday, Oct. 15 at 4 p.m. in the Intramural Office. Grumman Squash Courts Building, across from Teagle Hall. Minimum of 12 to enter. Single elimination tournament. IM Office to supply all equipment except skates and sticks. A fee of \$15 per team, due with your roster to enter. Checks only, please, payable to Dept. of Phys. & Ed. & Athl., Intra. Div. No refunds after deadline. Specify Division A or B when entering. Division A scores toward the All Sports Standings. Division B does not score.

Lectures

Thursday

Oct. 7, 12:20 p.m. 102 West Ave. Southeast Asia Program Thursday brown-bag seminar: "Indianization versus Indigenization: A Case Study from the Laotian Ramayana," Professor Sachchidanand Sahai, Magadh University.

Friday

Oct. 8, 7:30 p.m. A.D. White House. Society for the Humanities Conference on "The History of Human Sexuality in Nineteenth Century Eu-

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rope." "Bourgeois Sexuality in the Nineteenth Century," Peter Gay, History, Yale. Discussants: Dominick LaCapra, History, Cornell and Peter Hohendahl, German Literature, Cornell.

Saturday

Oct. 9, 9 a.m. A.D. White House. Society for the Humanities Conference: "Venal Sexuality in 19th Century France: Systems of Images and Regulations," Alain Corbin, History, Tours. Discussants: Nelly Furman, Romance Studies, Cornell and Kathryn March, Anthropology Women's Studies, Cornell.

Oct. 9, 11 a.m. A.D. White House. Society for the Humanities Conference: "Sex and Social Life in Stendahl's Diary, 1801-1823," Bernadette Bucher, Anthropology, Fordham. Discussants: Sandra Bem, Psychology Women's Studies and Davdd Greenwood, Anthropology, Cornell.

Oct. 9, 2 p.m. A.D. White House. "Sex and Madness in the Nineteenth Century," Uwe H. Peters, Psychiatry, Cologne. Discussants: Dietrich von Engelhardt, History of Medicine, Heidelberg and Howard Feinstein, Psychology, Cornell.

Oct. 9, 3:30 p.m. A.D. White House. Society for the Humanities Conference: "Androgyny, Bisexuality, Gender DePolarization, 1880-1914," Stephen Kern, History, Northern Illinois University. Discussants: William Provine, History, Biology, Cornell and James Boon, Anthropology, Cornell.

Sunday

Oct. 10, 9 a.m. A.D. White House. Society for the Humanities Conference: "An Illness Called Woman," Esther Fischer-Homberger, History of Medicine, Bern. Discussants: Harry Levin, Psychology, Cornell and Joan Brumberg, Women's Studies, Human Development and Family Studies, Cornell.

Oct. 10, 11 a.m. A.D. White House. Society for the Humanities Conference: "Sex, Feminism and Freud," Shoshana Felman, French Literature, Yale. Discussants: Neil Hertz, English, Cornell, and Mary Jacobs, English, Cornell.

Oct. 10, 2 p.m. A.D. White House. Society for the Humanities Conference: "Origins of the 'Scientific' Study of Sex," Thomas Szasz, Psychiatry, Upstate Medical College, Syracuse. Discussants: Henry Abelove, History, Wesleyan and H.A. Glaser, Comparative Literature, Essen.

Oct. 10, 3:30 p.m. A.D. White House. Society for the Humanities Conference: "Racism and Sexuality," George Mosse, History, Wisconsin and Jerusalem. Discussants: Sandra Siegel, English, Cornell, Constance Shapiro, Human Service Studies, Cornell, Joseph Kett, History, Virginia. This conference is sponsored by Western Societies Program, Society for the Humanities, Department of History, Dean of the College of Arts and Sciences, Department of German Literature, the Department of Romance Studies, Women's Studies, Department of English, the University Lectures Committee and the Office of the Provost.

Wednesday

Oct. 13, 4:30 p.m. Schurman Hall, James Law Auditorium. James Law Distinguished Lecturer Series: "Exotic Virus Diseases of Man," Dr. Frederick A. Murphy, DVM, Ph.D. Colorado University. Dr. Murphy is active nationally and internationally on committees concerned with the taxonomy of viruses. Hosted by the New York State College of Veterinary Medicine.

Oct. 13, 7:30 p.m. Batch Hall Lounge. "NO Right to Say No: Marital and Date Rape," Laura X. Executive Director of the National Clearing House on Marital Rape, Berkeley, CA. Laura X. will discuss the legal and social implications of a woman's right to say no. Discussants: Rachel Siegel, Clinical Social Worker; Marjorie Olds, Attorney. Women's Studies Program and Batch Hall sponsors.

Thursday

Oct. 14, 12:20 p.m. 102 West Ave. Southeast Asia Thursday brown-bag luncheon seminar: "Socialism and Development in Burma," David Steinberg, U.S. Agency for International Development. Bring your lunch; coffee, tea and cookies will be provided.

Oct. 14, 8 p.m. Statler Auditorium. Preston H. Thomas Memorial Lecture Series in Architecture sponsored by Department of Architecture: "Theory of Architecture: Conflicting Roles of Myth," Francoise Choay, Paris.

Friday

Oct. 15, 8 p.m. Statler Auditorium. Preston H. Thomas Memorial Lecture Series in Architecture sponsored by Department of Architecture:

"History and Remembrance in Alberti." Françoise Choay, Paris.

Sunday

Oct. 17, 3 p.m. Statler Auditorium. Preston M. Thomas Memorial Lecture Series in Architecture, sponsored by the Department of Architecture: "Quatremere de Quincy." Françoise Choay, Paris.

Meetings

Every Thursday, 12:20-1:30 p.m.
Anabel Taylor Forum. Open A.A. meeting.
Every Sunday, 1-5 p.m.
Willard Straight North Room. Cornell Duplicate Bridge Club. Beginners welcome.

Tuesday

Oct. 12, 7:30 p.m. Kimball Hall 212. Cornell Railroad Historical Society monthly meeting. Anyone with an interest in railroading is invited.

Music

Bilson to Present Concert

Fortepianist Malcolm Bilson will present a concert of music by Haydn and Mozart in Barnes Hall next weekend. He will play the free public program first on Friday, Oct. 15, evening at 8:15 p.m. and repeat it Sunday, Oct. 17, at 4 p.m.

Haydn compositions which he will play are Sonatas in B flat Major, Hoboken 41, and B minor, Hob. 34, and the Capriccio in G. His Mozart selections are Sonata in F Major 55/494, Fantasy in C minor, K. 475, and 12 Variations on "Ah, vous dirais-je, Maman," K. 265.

Bilson, a professor of music at Cornell, is generally considered to be the leading proponent of the fortepiano today. He has received critical praise for his concerts and recordings throughout America and abroad, and he has been the subject of numerous feature articles in major newspapers and journals.

His Beethoven record for Nonesuch was chosen best keyboard disc for 1981 by the New York Times and Record World. He is music director of a concert series entitled "On Original Instruments" at the Merkin Concert Hall in New York City. During the past summer he performed at the Aix-en-Provence Festival in France and at Esterhazy Castle in Hungary for the Haydn Year Celebration. Five of his Nonesuch recordings are currently available, and a Haydn recording is due for release early next year.

Andrew Porter, writing in The New Yorker, compared Bilson's performance favorably with that of Horowitz, starting in part: "...Mr. Bilson is not just an accomplished player, he combines very good fingers with intellectual and structural command, wit, fancy, and exuberance. Mind, ear, and muscles work as one, and his piano works with them, stating, singing, sighing, and turning into shapely yet thrilling sound tempestuous ideas that—unless one is a Horowitz—must on a modern instrument be either coarsened or played down."

Glee Club Concert Oct. 16

The Cornell University Glee Club, one of the most widely acclaimed male-voice choruses in the country, will present its annual Homecoming Concert at 8:15 p.m. Saturday, Oct. 16, in Sage Chapel. David J. Conte, DMA candidate and acting director, will conduct the concert.

The Homecoming Concert program will be a preview of the club's upcoming tour of California and will include works by Conte, Beck, Vittoria, Adams, Debussy and Schreck. The songs of Cornell will also be performed.

The Glee Club has performed with many major American orchestras, including the Philadelphia Orchestra under the direction of Eugene Ormandy and with many internationally known soloists such as Dame Janet Baker, with whom it performed last July in King's Lynn, England.

Since its founding in 1868, the Glee Club has traveled extensively throughout the United States and abroad. Over the last 25 years, its international tours have included performances in 23 countries around the world including Germany, Russia, Czechoslovakia, Sri Lanka, and the Commonwealth of Hong Kong. It's most recent international tour was this last summer when it toured the United Kingdom.

Tickets are \$2.50 for students and senior citizens, and \$3 for general admission. Tickets may be purchased at Willard Straight Hall, the Lincoln Hall Box Office, Hickey's Music Store, The Isle of You, and at the door.

Thursday

Oct. 7, 8:15 p.m. Barnes Hall. Department of Music. Mark Simon, clarinet. Contemporary works.

Religious Services

Catholic

Every Monday-Friday, 12:15 p.m. Catholic Mass. Anabel Taylor G-19. Saturday, 5 p.m. Mass. Anabel Taylor Chapel. Sunday 9:30 & 11 a.m. Masses. Anabel Taylor Auditorium. Sacrament of Reconciliation by appointment.

Baptist

Every Sunday. Ithaca Baptist Church, 1825 Slaterville Road, 9:45 a.m. Bible Study; 11 a.m. Worship Service; 6 p.m. Discipleship Training; 7 p.m. Worship Service.

Episcopal

Every Sunday, 9:30 a.m. Anabel Taylor Chapel.

Friends (Quakers)

Every Sunday 9:45 a.m. Anabel Taylor Edwards Room. 9:45 a.m. adult discussion; 11 a.m. meeting for worship.

Muslim

Every Monday-Thursday, 1 p.m. Anabel Taylor 218. Friday, 1 p.m. Anabel Taylor Edwards Room.

Protestant Church

Every Sunday, 11:15 a.m. Anabel Taylor Chapel.

Friday

Oct. 8, 6:15 p.m. Anabel Taylor Founders Room. Shemini Atzeret Services (Conservative/Egalitarian).

Oct. 8, 6:15 p.m. Call 272-5810 for location. Shemini Atzeret Services (Orthodox).

Saturday

Oct. 9, 9:15 a.m. Anabel Taylor Edwards Room. Shemini Atzeret Services.

Oct. 9 Erev Simchat Torah Services. Call Temple Beth El, 273-5775, or Young Israel, 272-5810, for information.

Sunday

Oct. 10, 9:15 a.m. Anabel Taylor Edwards Room. Simchat Torah Services.

Oct. 10, 11 a.m. No Sage Chapel Religious Service. Fall Recess.

Sunday

Oct. 17, 11 a.m. Sage Chapel. Sage Chapel Religious Service. Eido Tai Shimano Abbot, Roshi, New York Zendo, Shobo-ji, New York, NY.

Seminars

Applied Mathematics: "User's Guide to Optimization Algorithms." John Dennis, Rice University, 4:30 p.m. Friday, Oct. 8, 165 Olin Hall.

Biochemistry: "Nomadic DNA in Drosophila." Michael Young, The Rockefeller University, 4:30 p.m. Friday, Oct. 8, 204 Stocking Hall.

Biological Sciences: "Calcium and Auxin Transport." Rollo de la Fuente, Kent State University and Boyce Thompson Institute, 11:15 a.m. Friday, Oct. 8, 404 Plant Science.

Biophysics: Steve Sieglebraum, department of pharmacology, Columbia University will speak at 4:30 p.m. Wednesday, Oct. 13, in 700 Clark Hall.

Boyce Thompson Institute: "Molecular Cloning in Yeast: A Model System for Plant Genes?" David Morris, Boyce Thompson Institute, 3:15 p.m. Wednesday, Oct. 13, BTI Auditorium.

Campus Life: "Students from the Middle East." Jerry Wilcox, 9 a.m. Thursday, Oct. 7, Elmhurst Room, Willard Straight Hall.

Ecology & Systematics: "Darwinian Perspectives on Physiological Plant Ecology." Martin J. Lechowicz, McGill University, 4:30 p.m. Wednesday, Oct. 13, Morison Seminar Room, Corson Hall.

Floriculture & Ornamental Horticulture: "Evolution of a Garden." David Scheid, New York Botanical Garden, 12:15 p.m. Thursday, Oct. 7, L.H. MacDaniels Lecture Room, 37 Plant Science.

Geological Sciences: "Ophiolite Emplacement in Newfoundland." J. Karson, Woods Hole, 4:30 p.m. Thursday, Oct. 14, 205 Thurston Hall.

Materials Science and Engineering: "Chain Structure and Mechanical Properties of Polymers." R. Howard, University of Birmingham, 4:30 p.m. Friday, Oct. 8, 140 Bard Hall.

Materials Science and Engineering: "GaAs Materials Technology." J. Woodall, IBM Research, 4:30 p.m. Thursday, Oct. 14, 140 Bard Hall.

Natural Resources: "Ecologically-based Policy Analysis: Fire Management in the Tanana River Basin, Alaska." Marty Welbourn, 4 p.m. Thursday, Oct. 7, 304 Fernow Hall.

Natural Resources: "Effects of Logging on Aquatic Resources: Studies in Oregon and Maine." John Moring, University of Maine-Orono, 4 p.m. Thursday, Oct. 14, 304 Fernow Hall.

Personnel Services: "Secretary." Rosemarie

Bobnick, administrative aide, and Carol Lang, personnel associate, 12:15 p.m. Tuesday, Oct. 12, 202 Uris Hall. Part of the Career Development Program sponsored by University Personnel Services.

Psychology: "The Casualty Implicit in Language." Roger Brown, Harvard University, 3:30 p.m. Friday, Oct. 8, 202 Uris Hall.

Reproductive Physiology-Endocrinology: "Comparative Aspects of Placental Basement Membranes (Bats, Skunks and Voles)." Mark Cukierski, 4:30 p.m. Wednesday, Oct. 13, 348 Morrison Hall.

Statistics: "Bayes Methods for Combining the Results of Cancer Studies in Humans and Other Species." William H. DuMouchel, MIT, 2 p.m. Wednesday, Oct. 13, 300 ILR Conference Center.

Theoretical and Applied Mechanics: "Immersion Method of Holographic Interferometry." Jacek Stupnicki, Technical University of Warsaw, 4:30 p.m. Wednesday, Oct. 13, 205 Thurston Hall.

Toxicology: "Mushroom Toxins: Their Raison d'Être." Scott Camazine, 12:20 p.m. Friday, Oct. 8, 100 Savage Hall.

Vegetable Crops: "Pungency in Cabbage: The Effect of Variety, Maturity, and Storage on the Glucosinolate Content of Cabbage." S. Guffy, 4:30 p.m. Thursday, Oct. 7, 404 Plant Science.

Vegetable Crops: "History of Weed Control in Vegetables." R.D. Sweet, 4:30 p.m. Thursday, Oct. 14, 404 Plant Science.

Sports

Friday

Oct. 8, 4:30 p.m. Moakley Course. Women's Cross Country-Cortland.

Saturday

Oct. 9, 1 p.m. Cascadilla Courts. Women's Tennis Army.

Oct. 9, 1 p.m. Schoellkopf. Men's JV Soccer-Binghamton.

Tuesday

Oct. 12, 4 p.m. Schoellkopf. Women's Soccer-Hartwick.

Oct. 12, 7 p.m. Helen Newman. Women's Volleyball Ithaca College.

Wednesday

Oct. 13, 7:30 p.m. Upper Alumni Field. Women's Varsity Field Hockey-Hartwick.

Oct. 13, 7:30 p.m. Schoellkopf. Men's JV Soccer Hartwick.

Oct. 13, 8:30 p.m. Upper Alumni Field. Women's JV Field Hockey-Hartwick.

Friday

Oct. 15, 3:30 p.m. Cascadilla Courts. Women's Tennis St. Lawrence.

Oct. 15, 6 p.m. Upper Alumni Field. Men's Varsity Soccer-Brown.

Oct. 15, 8:30 p.m. Schoellkopf. Men's 150-lb. Football Princeton.

Saturday

Oct. 16, 10:30 a.m. Schoellkopf. Women's Soccer Brown.

Oct. 16, 10:30 a.m. Upper Alumni Field. Women's Varsity Field Hockey-Brown.

Oct. 16, 1:30 p.m. *Schoellkopf. Men's Varsity Football-Brown. Homecoming.

Theater

Chinese Shadow Theater

Cornell's China-Japan program will sponsor a free public lecture and a performance of Chinese shadow theatre by the Yueh Lung Theatre of New York City on Friday and Saturday, Oct. 15 and 16.

At 4:30 p.m. Friday, Harold Shadick, professor emeritus of Chinese literature at Cornell, will give a lecture on "Popular Entertainments in China," in the Asian Studies Lounge 374 Rockefeller Hall.

On Saturday, at 8:15 p.m., The Yueh Lung Theatre will perform "White Snake Legend" and "100,000 Borrowed Arrows," in Hollis Cornell Auditorium of Goldwin Smith Hall. The performance will be co-sponsored by the Cornell Council for the Performing Arts.

Chinese shadow theatre is a 2,000-year-old art form using two-dimensional figures constructed of translucent calf-skin which is perforated and colored with translucent inks. Manipulated behind a back-lit screen, the animated figures glow with a jewel-like radiance.

The Yueh Lung Shadow Theatre was founded "to preserve and perpetuate the traditional performing art which today has all but died out in its original form in mainland China." The troupe uses Peking-style figures, exact replicas of those in private collections and museums throughout the world.

Barton Blotter

Nearly \$10,000 in the theft of property and services was reported on campus, including a \$300 American flag, during the seven-day period between Sept. 27 and Oct. 3, according to the morning reports of the Department of Public Safety.

The flag was taken from the Navy Blockhouse in Barton Hall sometime between 2 p.m. Sept. 25 and 8 a.m. Sept. 27.

The largest single theft was a Mettler electronic balance from the Boyce Thompson Institute. It was valued at \$1,422.

Seven 10-speed bikes worth a total of \$1,493 were stolen from various locations on campus. Wallets continued to be a principal target of thieves. A total of eight, one containing \$805, were stolen. Losses in wallet thefts alone were set at \$1,295.

There were 48 separate reports on campus during the seven-day period. Again university furniture was a prime target. Some \$767 worth of chairs and draperies were reported stolen from Boldt and Mennen Halls.

Three students were referred to the Judicial Administrator for taking three empty beer kegs from North Campus Union.

A wooden sign valued at \$285 was taken from the lawn area of Thurston Avenue and Roberts Place. A student was referred to the Judicial Administrator on charges of stealing a university parking permit. Two false alarms were set during the week and two fire extinguishers valued at \$32 were stolen.

Graduate Bulletin

Late initial course registration and/or course additions are still possible upon payment of a \$10 processing fee. (Deadline for registration was Sept. 24.) Use your Social Security number where the I.D. number appears. Oct. 29 is the deadline for dropping courses or changing the grade option.

Graduate students who are receiving tuition assistance from Cornell-administered sources (e.g., assistantships, fellowships, etc.) must apply for a New York State Tuition Assistance Program (TAP) Award if they are legal residents of New York State and citizens/permanent residents of the United States. Applications for 1982-83 TAP awards are available at the Bursar's Office, 260 Day Hall and at the Fellowship Office, 116 Sage Graduate Center. Eligible graduate students who have not received the notice of award/denial by January 31, 1983, will be billed \$300 for each term in which Cornell tuition was received.

Now is the time to investigate opportunities for support for the 1983-84 academic year. Check the Fellowship Notebook at your graduate faculty representative's office or at the Fellowship Office for additional information on the awards whose deadlines are listed below.

Oct. 11: Fulbright-Hays Doctoral Dissertation Research Abroad Training Grants - deadline for applicants to Southeast Asia (submit application to the Southeast Asia Program, 120 Uris Hall).

Oct. 15: Fulbright-Hays Doctoral Dissertation Research Abroad Training Grants - deadline for applicants to East Asia (submit application to the China-Japan Program, 140 Uris Hall), Middle East and Africa (submit application to the Fellowship Office, 116 Sage Graduate Center).

Oct. 15: National Hispanic Scholarship Fund - mail application to: Selection Committee, National Hispanic Scholarship Fund, P.O. Box 748, San Francisco, CA 94101

Oct. 18: Fulbright-Hays Doctoral Dissertation Research Abroad Training Grants - deadline for applicants to Latin America (submit application to the Latin American Studies Program, 190 Uris Hall).

Nov. 1: American-Scandinavian Foundation (ASF) Awards for Study in Scandinavia - mail application to: The American-Scandinavian Foundation, 127 East 73 St. New York, NY 10021.

Nov. 1: Fannie & John Hertz Foundation Graduate Fellowships in the Applied Physical Sciences - mail application to: Fannie & John Hertz Foundation, P.O. Box 2230, Livermore, CA 94550.

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Nov. 1: **New York State Assembly Graduate Scholars Program** - mail application to: Assembly Intern Program, 829-A LOB, Albany, NY 12248.

Nov. 5: **Committee on Scholarly Communication with the People's Republic of China** (CSCPRC) - provides grants for U.S. citizens for graduate study or research in the sciences and engineering, the social sciences and the humanities. Awards provide funds for transportation, stipend, local travel and educational materials. Applications are now available from Linda Kao, 100 Sage Graduate Center, 6-4603

Nov. 8: **National Science Foundation-NATO Postdoctoral Fellowship** - mail application to: National Science Foundation, NATO Postdoctoral Fellowship Program, Office of Scientific and Engineering Personnel and Education, Washington, DC 20550.

Nov. 12: **Wellesley College/Alice Freeman Palmer Fellowship** - awards provide a stipend of \$4000 for full-time study or research abroad or in the U.S. Applicants must be women graduates of American universities who will be 26 years of age or younger at the time of appointment and who will be unmarried throughout the fellowship tenure; nonWellesley candidates must file through the Fellowship Office.

Nov. 24: **National Science Foundation Graduate Fellowships** - three-year awards provide an annual stipend of \$6900 plus a \$4000 cost-of-education allowance for study or research leading to advanced degrees in the mathematical, physical, biological, engineering and social sciences and the history and philosophy of science. Applicants must be U.S. citizens or nationals who have not completed postbaccalaureate study in excess of 20 semester/30 quarter hours in any field of science/engineering following completion of the first baccalaureate in science/engineering. Applications are available at the Fellowship Office.

Nov. 24: **National Science Foundation Minority Graduate Fellowships** - same criteria as for NSF Graduate Fellowships. In addition, applicants must be members of an ethnic minority group underrepresented in the advanced levels of the U.S. science personnel pool: American Indian, Black, Mexican-American/Chicano, Puerto Rican, Native Alaskan (Eskimo or Aleut) or Native Pacific Islander (Polynesian or Micronesian).

People

Dale E. Bauman, an animal scientist here, has received the 1982 American Feed Manufacturers Award from the American Dairy Science Association. The award is presented to stimulate research in the nutrition of dairy cattle. A professor of animal science in the State College of Agriculture and Life Sciences at Cornell, Bauman recently gained international attention for work that has resulted in significant increases in milk yield by administering to cows both natural and bio-synthetic bovine growth hormone.

J. Murray Elliot, animal scientist, is the recipient of the 1982 Teaching Award in Dairy Production from the American Dairy Science Association. The award was sponsored by the Ralston Purina Co. Besides his teaching duties involving basic courses in animal science, Elliot has conducted research dealing with nutrition of dairy cows, focusing on the glucose needs of the lactating cow.

Charles R. Henderson, professor emeritus of animal science, is the recipient of the 1982 J.L. Lush Award of the American Dairy Science Association. The award cited Henderson's research contributions to animal breeding and genetics. A faculty member in the State College of Agriculture and Life Sciences, Henderson is recognized as a leading statistical geneticist with a worldwide reputation. He is the developer of methods of selecting sires, and his techniques are now used widely by artificial insemination organizations.

Richard L. Quaas is the recipient of the 1982 Young Scientist Award, an honor sponsored jointly by the Northeast Division of the American Dairy Science Association and the Northeast Section of the American Society of Animal Science. An associate professor in the department of animal science of the State College of Agriculture and Life Sciences at Cornell University, Quaas was recognized for his contributions to the area of genetic evaluation of dairy cattle. He joined Cornell in 1973.

New Food Industry Technology Topic for Geneva Conference

An open house and a symposium on "New Technology for the Food Industry" is scheduled for Thursday, Oct. 14, 1982 at Cornell's New York State Agricultural Experiment Station, Geneva.

This is another in a series of programs being offered during the centennial year of the Experiment Station. The project is cooperatively sponsored by the stations' Department of Food Science and Technology, Cornell Cooperative Extension, the Institute of Food Science at Cornell, and the Central and Western New York Sections of the Institute of Food Technologists. Donald L. Downing, professor of food science and technology at Geneva, is the general chairman.

From 10 a.m. until noon on Oct. 14, registration and an open house of the Department of Food Science and Technology will be held. All laboratories in the department will be open to visitors with exhibits prepared by faculty and staff on research programs. This department is located in the Food Research Laboratory which is the large red brick building on the northwestern part of the station's campus.

At 1 p.m., a symposium on "New Technology for the Food Industry" will be held in the auditorium of Jordan Hall, the administration building of the station. Don F. Splittstoesser, chairman of the Department of Food Science and Technology, will welcome the group, and this will be followed by a presentation of a special Centennial slide show by R.E. Krauss, chairman of the Department of Publications. At 1:30

p.m., Linda Casella of Corning Biosystems will speak on "Immobilized Enzyme Technology and the Food Industry." This will be followed, at 2:15 p.m., with a discussion by Larry L. McKay, University of Minnesota, on "Biotechnology: Possibilities and Prospects for the Food Processing Industry." David A. Evans, associate science director, DNA Plant Technology Corporation, will speak on the subject, "Agricultural Applications of Protoplast Fusion" at 3:15 p.m. The afternoon's program concludes with a presentation on "Food Engineering - Applying High Technology" by Daniel F. Farkas, chairman, Department of Food Science and Human Nutrition, University of Delaware.

Then, beginning at 6 p.m., a cocktail party and dinner will be held at the Geneva Country Club. Keynote speaker at the banquet will be Robert Barker, director, Division of Biological Sciences, Cornell University, who will speak on "Cornell University's Activities in the Field of New Technology."

Although this open house and symposium are geared primarily to specialists in the field of food science and related areas, anyone is welcome to attend. A \$10 registration fee is being charged to help cover costs of bringing in outside speakers, publication of proceedings, and the banquet. This registration fee should be submitted to Dr. Donald L. Downing, Department of Food Science and Technology, New York State Agricultural Experiment Station, Geneva, N.Y. 14456.

Leroy R. Grumman

Leroy R. Grumman, M.E. '16, a major benefactor of the university and one of the pioneers in the aviation and aerospace industries, died Monday, Oct. 4, after a long illness. He was 87 and had homes in Plandome Manor, L.I. and Vero Beach, Fla. Grumman died at North Shore University Hospital in Manhasset, L.I.

The firm which he started in 1929, Grumman Aircraft Engineering Corp., grew to be one of the nation's largest defense contractors.

A Cornell trustee from 1953 until 1966 when he was named a trustee emeritus, Grumman was among the first alumni designated a presidential councillor in 1966.

Among his many contributions to the university were funds for construction of Grumman Hall in the College of Engineering and funds for the Graduate School of Aerospace Engineering.

Grumman's gifts also made possible the construction and maintenance of the Grumman Squash Courts.

In 1961, he gave the university a DC-3. It was used until 1970. Named the "Far Above," the red and white plane flew more than 250,000 miles and carried about 30,000 people, including Cornell staff and faculty, athletic squads and special student groups, high government officials and foreign ambassadors.

Grumman brought his knowledge of aviation to the service of the nation during both World Wars, in the first as a Navy pilot and in the second as a leader in designing and producing fighter planes for the U.S. and British governments.

He received many awards in the field of aviation, including the Presidential Medal of Merit in 1945; and the Gold Medal of Honor and Achievement of the Aviation Hall of Fame.

He is survived by his wife, Rose Marion Werther Grumman; a sister, Elinor Slotter of Huntington; four children, Marion Phillips of South Strafford, Vt., Florence Hold of Falmouth, Mass., Grace Nelson of Glen Cove, L.I., and David Leroy Grumman of Evanston, Ill., and 12 grandchildren.

Mrs. Grumman graduated from Cornell in 1919 and has been a long-time benefactor of the university, particularly interested in campus beautification. Their son David Leroy graduated from Cornell in 1957 and his son, David Leroy Grumman, is a senior in the College of Arts and Sciences. A granddaughter, Kathryn Phillips Zimmerman, graduated from Cornell in 1975.

Fall Term Semi-Final Enrollment Figures

	Includes			Inabsentia			Excludes			Emp. Part-time	Off-Campus	Excluding Inabsentia Employee Program, Part-time and Off-Campus
	Men	Women	Total	Men	Women	Total	Men	Women	Total			
Undergraduate:												
Endowed:												
Arch., Art & Planning	262	188	450	4	3	7	258	185	443	-	10	433
Arts & Sciences	2095	1738	3833	20	22	42	2075	1716	3791	4	45	3742
Engineering	1918	515	2433	48	6	54	1870	509	2379	-	-	2379
Hotel Administration	405	248	653	-	-	-	405	248	653	2	9	642
Unclassified	58	38	96	-	-	-	58	38	96	-	-	96
TOTAL ENDOWED	4738	2727	7465	72	31	103	4666	2696	7362	6	64	7292
Statutory:												
Agr. & Life Sciences	1541	1507	3048	1	10	11	1540	1497	3037	5	32	3000
Human Ecology	221	963	1184	-	6	6	221	957	1178	1	17	1160
Ind. & Labor Relations	340	298	638	2	2	4	338	296	634	1	16	617
TOTAL STATUTORY	2102	2768	4870	3	18	21	2099	2750	4849	7	65	4777
TOTAL UNDERGRADUATE	6840	5495	12335	75	49	124	6765	5446	12211	13	129	12069
Professional:												
Business & Public Admin.	333	137	470	2	1	3	331	136	467	56	-	411
Law	343	181	524	5	2	7	338	179	517	-	-	517
Veterinary Medicine	142	174	316	-	-	-	142	174	316	-	-	316
Total Professional	818	492	1310	7	3	10	811	489	1300	56	-	1244
Graduate School	2438	1239	3677	32	38	70	2406	1201	3607	24	-	3583
TOTAL GRADUATE & PROF.	3256	1731	4987	39	41	80	3217	1690	4907	80	-	4827
TOTAL ITHACA CAMPUS ENROLLMENT	10096	7226	17322	114	90	204	9982	7136	17118	93	129	16896

People

Guerlac Chosen for High Honor from France

Henry Guerlac, the Goldwin Smith Professor Emeritus of the History of Science at Cornell, has been named a Chevalier de la Legion d'Honneur by President Mitterand of the French Republic.

A letter to Guerlac informing him of this honor cited the quality of his scholarship and his contributions to the understanding of French Science in the United States.

For example, his book "Lavoisier, the Crucial Year," received the Pfizer Award of the History of Science Society as the

outstanding book in the history of science for 1961.

An official awards ceremony is being scheduled for later this year.

Guerlac is a 1932 graduate of Cornell and was a member of the faculty of the College of Arts and Sciences from 1946 until his retirement in 1975.

His father, Othon Guerlac, was also a Chevalier de la Legion d'Honneur. He was on the faculty of Romance languages at Cornell from 1900 until his death in 1933.

A French citizen, the older Guerlac was drafted into the French Army in 1915 although he was living in this country. He served for three years before returning to Cornell and his family. He was awarded the Legion d'Honneur for his wartime service and his contributions to Franco-American understanding.

Henry Guerlac is an authority on the history of modern science and European history and considered among the pioneers in the development of the academic field of the history of science. He was awarded the George Sarton Medal of the History of Science Society in 1974. The award recognizes distinguished contributions to the history of science.

Noted among his other contributions to Franco-American understanding have been:

—In 1940-41, Guerlac was a member of a self-constituted small group of Harvard

graduate students and teachers who broadcast a daily news report to France from Boston over short-wave radio after the German occupation.

—Besides teaching the history of science at Cornell on several levels, including the direction of graduate study, Guerlac taught for many years a course on the Enlightenment in France.

—His major vehicle for spreading an awareness of the cultural contributions of France has been his books and papers on French science, notably on Lavoisier and the "chemical revolution" and on Newtonianism in France.

—A recently completed work, published by the Cornell University Press, is entitled "Newton on the Continent" (1981). Its two principal chapters deal with the reception of Newton's thought, mainly in France, during the late 17th and the early 18th century.

Goetz Named to New Institute

George A. Goetz, the first holder of the Don and Margi Berens Visiting Professorship of Entrepreneurship here, has been named a director of the newly established federally supported Small Business High Technology Research Institute.

Goetz, who is on the faculty of the Graduate School of Business and Public Administration through June of 1983, is on leave from Rollins Burdick Hunter of Wisconsin. He has been chairman of the board and chief executive officer of the commercial insurance and venture capital firm since 1954.

He was graduated from Cornell in 1950 and earned a master's degree in business at Harvard University in 1952.

As a director of the new institute estab-

lished by an act of Congress earlier this year, he joins 15 business leaders and scholars from 14 states "to mobilize the private sector to maximize the success of the new multi-million dollar Federal research and development program."

An announcement from the Office of the Press Secretary, The White House states: "The new Federal program directs nine Federal agencies which spend more than \$100 million a year on research and development to launch 'Small Business Innovation Research programs' in the fiscal year beginning Oct. 1. Each agency is required to set aside not less than 0.2 percent of its extramural R&D budget to fund its SBIR program."

Lynn Will Chair New NRC Board

Walter R. Lynn, director of the Program on Science, Technology and Society will chair the newly established 13-member Water Technologies Board of the National Research Council.

A professor of civil and environmental engineering, Lynn has been a member of the Cornell faculty since 1961 and has a special interest in the social implications of technology.

The new board was created in July within the Commission on Engineering and Technical Systems of the Research Council which is the operating arm of the National

Academy of Sciences, the National Academy of Engineering and the Institute of Medicine.

Among the board's initial activities are studies involving issues and programs in dam safety, integrated structural and non-structural flood mitigation, water supply planning and treatment technology, and water systems management for the Federal Emergency Management Agency, Corps of Engineers, American Water Works Association Research Foundation, Environmental Protection Agency, and National Science Foundation.

Judicial Administrator

Case Reports for June, July, August, September 1982

No. of persons	Violation	Summary Decision
1	Allegedly refused to comply with a lawful order of a University official (traffic)	Oral Warning
1	Refusal to comply with a lawful order of a University official (traffic)	WRITTEN REPRIMAND (WR), \$20 fine or 7 hours of COMMUNITY SERVICE (c/s)
2	Refusal to comply with a lawful order of a University official (traffic)	WR, \$25 fine or 7½ hours of c/s
2	Theft of a chair	WR, 23 hours of c/s
1	Theft of a chair	WR, 27 hours of c/s, plus previous suspended fine
1	Theft of a palm tree	WR, 30 hours of c/s
1	Made physical contact with another by grabbing his shirt	WR, \$50 suspended fine
2	Created an annoyance by making unreasonable noise and failure to comply with a lawful order of a University official (housing)	WR, 17 hours of c/s
1	Cashed a check which belonged to another, without that persons' permission	WR, \$50 suspended fine, \$58.70 restitution
1	Wrote a check with insufficient funds to cover the check	WR, \$25 suspended fine, \$20.25 restitution
1	Allegedly threw water ballons from University Hall window	Oral warning
1	Allegedly threw food in a University dining hall	Oral warning
1	Exploded bottle rockets against a building	WR, 26 hours of c/s
1	Fraudulent use of a telephone credit card	WR, 13 hours of c/s, \$7.80 restitution
1	Misused a Cornell I.D. card and failure to comply with a lawful order of a University official (library)	WR, ordered to return book and pay processing fees
1	Alteration of a parking permit	WR, \$30 suspended fine

Jorden Gets Williams Honorary

Eleanor H. Jorden, the Mary Donlon Alger Professor of Linguistics, was one of five experts on Japan awarded honorary degrees by Williams College on Sept. 11.

Other honorary degree recipients were Yoshio Okawara, Japan's ambassador to the United States; Robert S. Ingersoll, former U.S. ambassador to Japan; Akio Morita, chairman and chief executive officer of Sony Corp., and William G. Ouchi, author of "Theory Z," a book on Japanese business management.

Jorden and the others took part in a convocation, "Japan and the United States in the 1980's." She examined the social gains and losses in education and family structure resulting from Japan's economic growth.

A Cornell faculty member since 1969, Jorden has been instrumental in the development of the university's Full-Year Asian Language Concentration (FALCON) program since its inception in 1972. FALCON is designed to accelerate the

learning of spoken and written Asian languages.

The author of the most widely-used Japanese language textbook in the world, "Beginning Japanese," Jorden is the president of the Association of Teachers of Japanese.

In addition to "Beginning Japanese," written in 1962 and now in its 25th printing, Jorden is the author of numerous other works, including "Reading Japanese," published in 1976.

In 1978, she was one of two Americans invited by the Japan Foundation to participate in the first International Conference on the Japanese Language in Japan.

A graduate of Bryn Mawr College, Jorden earned her master's and Ph.D. degrees at Yale University. Before joining the Cornell faculty, she was chairman of the Department of East Asian Languages at the Foreign Service Institute of the Department of State.

Winter Wins Engineering Honor

George Winter, the Class of 1912 Professor of Engineering Emeritus, received the Award of Merit from the International Association for Bridge and Structural Engineering at its recent meeting in Washington, D.C.

The citation, which is the only international award given by IABSE, was presented to Winter "in appreciation of his outstanding contributions in research and teaching of structural engineering."

Winter directed pioneering research in concrete, structural steel and cold-formed steel, and served as a consultant to many industrial groups. A member of the Department of Structural Engineering until his retirement in 1975 and chairman of the department from 1948 to 1970, he is author

of more than 90 technical papers in structural engineering. His contributions have been recognized with numerous national engineering awards including election to the National Academy of Engineering, the Moisseiff Award, the Croes Medal, the E.E. Howard Award of the American Society of Civil Engineers, the Watson Research Medal, the Henry C. Turner Medal, and the Joe W. Kelly Award of the American Concrete Institute.

In addition, he has been elected to honorary membership in the American Society of Civil Engineers and the American Concrete Institute and is co-author of Design of Concrete Structures, fifth to ninth editions, a widely used textbook in the U.S. and abroad.

Brief Reports

Ithaca-Dryden Transit Adds Two New Stops

The Ithaca-Dryden Transit schedule has been revised to add two new stops and provide more convenient arrival and departure times at Cornell and Tompkins-Cortland Community College, according to William E. Wendt, director of Transportation Services here.

The Ithaca-Dryden bus now arrives at Cornell's Day Hall at 7:35 a.m., 8:08 a.m., and 8:47 a.m. during the early morning peak hours. The afternoon rush hours are served by buses leaving Day Hall at 4:31 p.m., 5:19 p.m., and 5:50 p.m.

The IDT also provides midday service between Dryden/TC3 and downtown Ithaca via Freeville, Etna, Varna, Lansing, and Cornell University.

The two new stops are at Parkwood Village on Hanshaw Road and Willowbrook Manor in Dryden.

For further information, call the Office of Transportation Services at 256-4628 or the Ithaca-Dryden Transit office at 274-5286.

Computer and Veterinarian Become Closer with Gift

The computer age and the practicing veterinarian are a step closer at the College of Veterinary Medicine, thanks to a \$4,500 grant from the Merck Company Foundation to aid in the development of a computer-assisted differential diagnosis program.

Dr. Maurice White, assistant professor of medicine, in cooperation with Computer Facility Administrator John Lewkowicz, originated the program called "Consultant," which attempts to assist the clinician in making a diagnosis. When given a sign or condition, the program presents a listing of all the diseases for which the sign could be present. References, disease descriptions and possible tests are also given on request. The foundation grant will fund enlargement of the program's data base and increase accessibility to the program.

Although the clinician will still do the work of pinpointing important signs and narrowing the list of possible diseases, "Consultant" is invaluable as a tireless memory aide for practitioners, as a learning tool for students, and as a continually current data base on published veterinary literature worldwide. Over 1,200 diseases and conditions are part of "Consultant's" information program and it continues to grow rapidly.

Presently in use by Cornell's veterinary clinicians and students, future applications of the program will include distribution of software to veterinary offices and mobile units with access to terminals.

"Consultant's" grant is through the Merck Company Foundation's Animal Health Education Grants Program, a program initiated to assist in funding education in veterinary medicine and animal science.

Socialist Political Activist, Burlington Mayor to Talk

Socialist political activist Bernard Sanders will speak on "Being a Socialist in American Politics," at 4 p.m. Thursday, Oct. 14, in Kaufmann Auditorium of Goldwin Smith Hall.

Sanders was elected mayor of Burlington, Vt., in 1981, narrowly defeating the five-term Democratic incumbent and stunning the city's political establishment, according to the sponsors of his Cornell visit.

During his campaign, Sanders called for controls of excessive rents, housing development for people of low and moderate income and tax reform. During his term in office he has involved community members in task forces, established a youth office and has played an active role in providing free or inexpensive arts performance.

He also established a workers' pride week, supported strikes and established the first employee relations committee in Vermont.

Sanders' visit is sponsored by the Democratic Socialists of America; the Departments of City and Regional Planning, Government and Rural Sociology; the Program for Participation and Labor Managed Systems; the Center for Religion, Ethics and Social Policy, and the Interfraternity Council.

Genetic Engineering Topic For Attorney's Lecture

"The Patentability of Genetic Engineering" will be the topic for attorney Waddell A. Biggart in a lecture and discussion scheduled for 1:45 p.m. Thursday, Oct. 14, in the Robert Morison Seminar Room, Corson-Mudd Halls. The lecture by Biggart, who holds a Ph.D. in chemistry and is a patent attorney in the Washington, D.C., firm of Sughrue, Mion, Zinn, Macpeak and Seas, is sponsored by the Offices of Sponsored Programs and Patents and Licensing, and is open to anyone with an interest in genetic engineering or new life form patentability.

Dr. Murphy Will Be James Law Lecturer

Dr. Frederick A. Murphy will open the 1982-83 James Law Distinguished Lecturer Series on Oct. 13 with a talk on the "Exotic Virus Diseases of Man." Dr. Murphy, associate dean and professor of microbiology at the College of Veterinary Medicine and Biological Sciences, Colorado University, is expected to speak on his work with Lassa Fever, a rapidly fatal hemorrhagic fever of Africa, and the Marburg and Ebola viruses. The lecture series is hosted by the New York State College of Veterinary Medicine, and will be presented in the James Law Auditorium, Schurman Hall, at 4:30 p.m. The lectures are open to the general public at no charge.

Research by Dr. Murphy while at the Center for Disease Control in Atlanta, focused on the pathogenesis of viral diseases and encephalitis, electron microscopy and viral ultrastructure. His work in viral pathology has examined the etiology and control of exotic virus diseases of man.

Dr. Murphy received his early scientific training at Cornell, first in bacteriology at the College of Agriculture, then in the DVM Program in the College of Veterinary Medicine. He earned his Ph.D. in comparative pathology at the University of California School of Veterinary Medicine, and upon completion of the program, joined the

Center for Disease Control in Atlanta, Ga. where he led programs in viral pathology.

Now on faculty at Colorado University, Dr. Murphy is principal investigator on two USDA grants: Pathogenic and Immunologic Studies of Infectious Diseases of Cattle and Sheep and Immunologic Studies of Diseases in Ruminants and Swine. In addition to serving on the editorial boards of a number of virology journals, Dr. Murphy is active nationally and internationally on committees concerned with the taxonomy of viruses.

Third in B&PA Series Views Government Relations

C. Kenneth Howard (M.P.A. and Ph.D. '62 Cornell) will discuss how the Reagan Administration views federal-state-local relations from 3 to 5 p.m. Friday, Oct. 22, in 251 Malott Hall.

It will be the third Public Colloquium in the six-part series sponsored by the Graduate School of Business and Public Administration.

Howard is the executive director of the Federal Advisory Commission on Intergovernmental Relations.

The remaining talks in the series are: —E.S. Savas, assistant secretary of the Department of Housing and Urban Development and director of policy development and research, on Oct. 29, will analyze the Reagan Administration's urban policy. —Barry Feinstein, president of Teamsters Union No. 37, on Nov. 5, will discuss the role of trade unions in public employment and current efforts of unions to organize New York City public employees.

—Elizabeth Buckley, director of business development for City Venture (a subsidiary of Control Data, Inc.), on Nov. 19, will discuss the role of the private sector in municipal redevelopment.

For further information, contact Caroline Violette, director of Student Activities, B&PA at 256-4250.

Open Reception Honors Prof. Edwin A. Burt

An open reception in honor of Edwin A. Burt, the Susan Linn Sage Professor of Philosophy Emeritus recognizing his 90th birthday and the publication of his latest book "The Human Journey," is scheduled from 4 to 6 p.m. Sunday, (Oct. 10) in the Founder's Room of Anabel Taylor Hall.

Burt, who will be 90 years old, Monday, (Oct. 11) joined the Cornell faculty in 1932 and retired in 1960, although continuing his scholarship and writing to the present.

Among his works is "Metaphysical Foundations of Modern Physical Science," considered a 20th century classic in the field of philosophy. Other books include "Principles and Problems of Right Thinking," "Types of Religious Philosophy," and "The Teachings of the Compassionate Buddha."

The reception is sponsored by the Ithaca Society of Friends (Quakers), Cornell United Religious Work and the Center for Religion, Ethics and Social Policy.

Author Plans Reading From His Works

Ray Fleming, author of "Diplomatic Relations," will read from his poetry at 4 p.m. Thursday, Oct. 14, in the Temple of Zeus of Goldwin Smith Hall.

Fleming, chairman of the Department of Comparative Literature at Miami University in Ohio, has published poems, articles and reviews in The New Republic, Poetry, Black American Literature Forum and the Georgia Review.

The reading is free and open to the public. A reception will follow. The Creative Writing Committee of the English Department is sponsor.

The Week in Sports

Athletes Weekending at Harvard

While most Cornell students are heading home this weekend for Fall Break, five Big Red sports teams are traveling to Harvard for some important Ivy League competition on Saturday. The action in Cambridge begins at 11 a.m. with the men's and women's soccer teams and the women's field hockey team all playing Crimson squads at that time. A half-hour later, the Big Red men's cross country team races against Harvard. And then at 1:30 p.m., the varsity football teams from the two schools face each other at Harvard Stadium.

Two Cornell teams are at home this weekend. On Friday, the women's cross country squad has a home meet with Cortland at 4:30 p.m. on the Moakley Course. The following afternoon, the Big Red women's tennis team entertains Army at 1 p.m. at the Indoor Tennis Bubble. In away action, the lightweight and freshman football teams are at Army and Pennsylvania, respectively, on Friday, and the women's volleyball team plays Colgate and St. John Fisher on Sunday in Hamilton.

There will be some home sporting events for Cornell students when they return from break on both Tuesday and Wednesday. Tuesday, the women's soccer team plays Hartwick at 4 p.m. on Upper Alumni Field, while the women's volleyball squad faces Ithaca College at 7 p.m. at Helen Newman Hall. On Wednesday, the women's field hockey team plays Hartwick at 7:30 p.m. on the Schoellkopf turf.

The Big Red varsity football team will be looking for its first victory of the season against Harvard on Saturday. The Red comes off a disappointing 17-6 loss to Boston University in which it was plagued by turnovers—three interceptions, three fumbles and one blocked punt. Harvard is 2-1 thus far in 1982, losing its first game of the season on Saturday to Army (17-13). The Crimson has defeated Columbia and Massachusetts. Harvard is led by quarterback Don Allard, who set a school record with 358 yards passing against Massachusetts.

After a shaky start, the men's soccer team appears to be putting things together. The Big Red, 2-4, split two games at the Big

Four Classic last weekend. The Red defeated Adelphi, 3-1, but then lost to nationally-ranked Long Island University in a close game, 2-0. Cornell is currently 0-1 in the Ivy League, having dropped a tough 2-1 decision to Princeton. Last year the Big Red defeated Harvard, 3-0.

Several other Cornell teams are enjoying very successful fall campaigns, getting off to fast starts this season. The men's cross country team has guaranteed itself of its first winning record since 1979, as the Big Red upped its mark to 3-0 with a 29-30 victory over Army last Friday. Once again, freshman sensation Grant Whitney was Cornell's top runner, as he placed first overall in the meet. The women harriers, meanwhile, are 1-0 and last week won the eight-team Binghamton Invitational for the second straight year. Newcomers Marian Teitsch, a junior college transfer, and Elise and Suzzane Jones, freshman twins from Kansas City, Mo., have been the Red's top performers.

The Cornell women's field hockey team has shown vast improvement this fall. Going into its game with Ithaca College on Tuesday, the squad had a 3-3-1 record as compared to a 2-5 slate at this point last year. The Big Red comes off an undefeated week in which it defeated both St. Lawrence and William Smith, and tied Yale, 1-1. Junior Linda Miller leads the team in scoring with seven goals and two assists.

The lightweight football team took a big step toward the Eastern League title with a 12-10 victory over Navy last Friday night. Cornell is now 2-0 overall and has another big game this week against Army. The Big Red's leading rusher is tailback Don Schiavetta with 94 yards on 22 carriers. Schiavetta flipped the winning touchdown pass to Mike Craig against Navy on a halfback option play from three yards out.

The Big Red women's volleyball team lost for the first time last weekend, bowing to New York Tech in the semifinals of the Massachusetts Invitational. Going into Tuesday's games against Cortland and Binghamton, Cornell had a 12-1 record and was right on track in its pursuit of last season's 47-6-1 mark.