

# Cornell Chronicle

Volume 17, Number 6

Thursday, October 10, 1985

## Trustees, Council Meet In Joint Session Friday

University trustees and members of the Cornell University Council will meet in a joint, open session on campus Friday, Oct. 11. It will be the 35th annual meeting of the council, a group of more than 400 outstanding alumni who assist and advise the university in a wide variety of matters.

The joint meeting, scheduled for 10:30 a.m. in Alice Statler Auditorium, will include reports on activities of the council and the university's development program, the "state of the university" by President Frank Rhodes, and a presentation on "Cornell in the World" by Davydd Greenwood, director of international studies. Theme of the council's three-day program is "Cornell in the World."

The board will also meet in open session beginning at 9 a.m. Friday in the Ellis and Doris B. Robison Room of Schoellkopf Hall. Scheduled to be presented at that time are the Audit Committee report on the audited 1984-85 financial statement by Trustee

Kenneth T. Derr, the 1984-85 financial report by University Controller John S. Ostrom, reports by Provost Robert Barker on enrollment trends and the college advisory councils, and annual reports from two standing committees — the Investment Committee and the Committee on Land Grant and Statutory College Affairs.

Several committees of the Board of Trustees will also meet Oct. 10-12, including open sessions of the Academic Affairs Committee at 4 p.m. Thursday in the Sun Room of the Statler Inn; the Committee on Land Grant and Statutory Affairs at 4 p.m. Thursday in the Faculty Commons of Martha Van Rensselaer Hall; the Buildings and Properties Committee at 7:30 p.m. Thursday in the third floor conference room of Day Hall; and the Audit Committee at noon Friday in the Sun Room of Statler Hall.

The Board will also meet in executive and closed sessions Saturday, Oct. 12.

## Two More Programs Here Become National Centers

Cornell has become only the second university in the country to have six of its programs designated National Resource Centers by the federal government.

The latest two designations have been awarded to Cornell's Western Societies and South Asia programs. Columbia University is the only other institution with six national centers.

National Resource Center awards, made by the Department of Education, provide federal funds to support additional faculty positions, library acquisitions, visiting scholars, fellowships, and new courses. The money is awarded under a national defense act that provides funds to universities to ensure sufficient strength in international studies.

The two new designations, which were won in open competition, indicate that international studies at Cornell "is a very dynamic scene," said Davydd J. Greenwood, director of the university's Center for International Studies.

"The designation of the South Asia program gives Cornell National Resource Centers for study all the way across Asia — South Asia, Southeast Asia, China, and Japan — and gives Cornell the opportunity to have the strongest pan-Asia program in the country," he added.

The Western Societies and South Asia programs join four other Cornell programs as National Resource Centers: East Asian Area Center, Southeast Asia Program, Center for the Study of World Food Issues, and the

Latin American Studies Program (operated at Cornell in conjunction with the University of Pittsburgh). Federal support for the six centers will total more than \$1 million in 1985-86.

In accepting these national designations, Cornell is obliged to maintain, in many cases with its own funds, the language and library resources and faculty breadth that led to the designation, Greenwood explained.

The Western Societies Program, established at Cornell in 1973, coordinates and supports research by faculty members and students in 31 departments and divisions of the university who focus on subjects such as the comparison of internal political structures in European nations, the comparison of social histories, and the formation of European national identities.

The South Asia Program, formed in 1953, coordinates the research and teaching of 20 faculty members in subjects related to Bangladesh, India, Nepal, Pakistan, and Sri Lanka. Work includes the writing of grammar and language books for the study of major South Asia languages.

Both programs are operated by the Center for International Studies. The center, established in 1961, encourages and supports comparative and interdisciplinary research on international topics. It coordinates more than a dozen university-wide research and teaching programs of an international nature.

## Divestment Supporters to Present Views to Trustees This Friday

Three members of the Cornell University community who favor divestment from companies that do business in South Africa will share their views with members of Cornell's Board of Trustees during a public meeting at 4 p.m. Friday in Room 120 of Ives Hall.

Trustees will hear presentations by three speakers selected by the pro-divestment movement on campus, according to University Counsel Walter J. Relihan Jr., who is helping arrange the meeting.

After the presentations, which may take up to 30 minutes in total, trustees will have the opportunity to ask questions of the three speakers and two others from the pro-divestment movement who will act as resource persons. Members of the divestment movement on campus will identify the five participants later.

The session is designed specifically to allow trustees to hear first-hand the views of those who favor divestment; thus discussion will be limited to the three presentations and responses to trustees' questions. Members of the public are invited to attend and observe the meeting, which will conclude at 5:30 p.m., Relihan said.

The public meeting will be held in conjunction with meetings this weekend of the

full Board of Trustees and the Cornell Council.

The Proxy Review Committee (PRC) of the Board of Trustees is reviewing Cornell's policy regarding investment in companies doing business in South Africa. Currently, Cornell invests only in companies that abide by the Sullivan Principles or similar guidelines. The committee plans to make a recommendation to the board's Investment Committee by the end of the year; its recommendation will be discussed by the full board in January. PRC members plan to be present at the Friday meeting.

"This weekend's forum and meetings will be the most recent in a series of programs that have allowed trustees to gain input from the Cornell community on the question of divestment," said Patricia Carry Stewart '50, chairperson of the PRC. "The meeting comes just as we are entering a transition stage from gathering a wealth of information to analyzing that information."

Members of the Board of Trustees and the Cornell Council will discuss Cornell's current investment policy and the pros and cons of divestment. They will also take part in discussion sessions about Cornell's programs

Continued on Page 2



Cheerleaders, children, the Big Red Bear and a small car lent a festive air to the proceedings at Barton Hall during Saturday's Employee Day chicken barbecue after the game. All that was missing was a victory over Lafayette in pocket.

## Two Astronomers Here Discover Martian Dust Devils Like Ours

By ROGER SEGELKEN

A good reason not to wash your spacecraft before visiting Mars has been discovered by two Cornell researchers: dust devils.

Dust devils are swirling columns that are sweeping tons of microscopic materials from the planet's parched surface far into the Martian atmosphere. The wind is one of the major forces shaping the "red planet's" surface.

Their discovery of nearly 100 dust devils will help planetary astronomers learn more about Mars' meteorology and geology, Cornell senior research associate Peter Thomas and astronomy professor Peter J. Gierasch report in the Oct. 11 issue of the journal *Science*.

The two scientists made their discovery while analyzing information obtained by the Viking spacecraft during its observations of Mars in the late 1970s.

"The Martian dust devils are similar to the whirlwinds we see in dusty areas on Earth," Thomas observed. Just as their cousins on Earth, Martian dust devils probably begin as atmospheric gases that are heated by the surface of the planet and then rise, carrying with them clouds of loose particles.

Meteorologists call that process free convection, as opposed to forced convection that moves most dust storms across Earth's surface in a horizontal direction.

But forced convection alone cannot account for the massive dust storms of Mars; with the Martian atmosphere only 1 percent as dense as Earth's, winds would have to blow more than 90 mph in order to start dust moving horizontally.

"Because near-surface winds this strong are rare," Thomas and Gierasch wrote in

Continued on Page 4

## Cornell Has a Halley's Comet Hotline

Comet-watchers in Central New York can get the latest advisory on Halley's 1985-86 visit to Earth by calling a telephone hot line established by astronomers here.

The hot line carries a recorded message describing Comet Halley's current position, appearance, and optimum viewing opportunities for the region. Periodically, the message will include information on the international spacecraft that are on target for encounters with Halley.

The number for the Halley Hot Line is 256-4992. This is not a toll-free number for those calling from outside of Cornell's local calling area.

Information compiled for the Halley Hot Line comes from a variety of sources, including the Astronomical Society of the Pacific, International Halley Watch, and the U.S. Naval Observatory, as well as from local ob-

servations.

The Halley Hot Line message will be updated about every two weeks until November, when the comet will start to be more easily visible in northern latitudes. At that time, more frequent advisories will be provided.

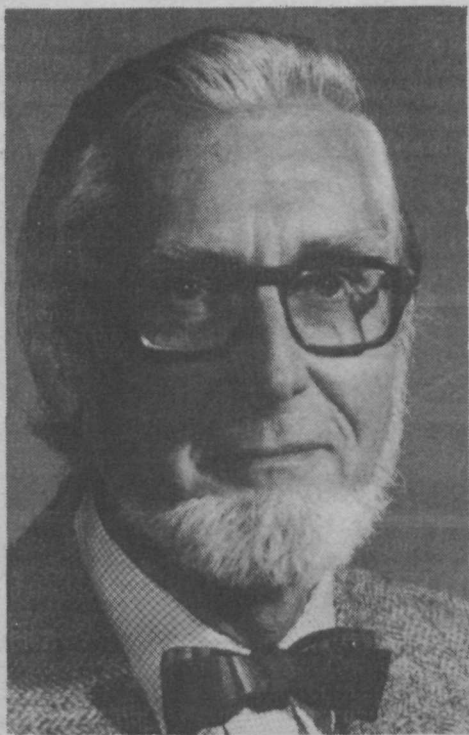
The hot line message now playing, in the voice of astronomy graduate student Fred Jaquin, notes that Halley is 220,000,000 miles from Earth and moving 58,000 mph.

Halley will reach its maximum brightness around April 5, 1986, when it is expected to reach fourth magnitude — about one-40th the brightness of Sirius. Currently, Halley is a 12th magnitude object.

Information on viewing the comet is also available at the Spacecraft Planetary Imaging Facility (SPIF) on the third floor of Cornell's Space Sciences Building, from 9:30 a.m. to 4 p.m., Monday through Friday.



# PEOPLE



RICHARD KORF

## Mycologist Korf Leads Theatre Arts Department

Faculty members of the theatre arts department have summoned mycologist Richard P. Korf, a professor in the College of Agriculture and Life Sciences, to serve as theater arts chairman for 1985-86.

A member of the department of plant pathology here since 1951, Korf is a leading authority on cup-fungi, truffles, and morels or sponge mushrooms, the latter regarded as among the finest of edible fungi by ardent mycologists. His expertise has little to do with the theater, it would seem.

But Korf has had a continuing association with theatre arts at Cornell ever since his undergraduate days in the early 1940s as a performer and close friend of many members of the faculty.

"They simply felt, I believe, that with my scientific background, organizational experience, and intimate knowledge and appreciation of theatre arts, I could administer the day-to-day functions of the department," Korf said.

Korf, who is on a part-time leave of absence from the plant pathology department, will hold the title of adjunct professor of theatre arts while serving as that department's chairman. The unusual move was arranged with the approval of the deans of

both the College of Arts and Sciences and the New York State College of Agriculture and Life Sciences.

"To accept this challenge," he said, "I was forced to make a very difficult decision, that of essentially abandoning my research — another passion of mine — for a whole year. I accepted the position (effective July 1) in the belief that I really could serve my colleagues in theatre arts well."

Korf's most recent stage appearances at Cornell were as Ramsden and The Statue in Shaw's "Man and Superman" (1982), and as

Chebutykin in Chekov's "Three Sisters" (1985).

In addition to his scholarly work and theatrical interests, the 60-year-old scientist has been involved in community leadership positions through the years as a member of the Ithaca City Planning Board and chairman of the Tompkins County Liberal Party. He has also served on the board of directors of Family & Children's Service of Ithaca and the Central Casting Theatre for the Performing Arts.

## Playwright Kingsley, Alumnus, To Attend Performance from World

Playwright and director Sidney Kingsley, who won a 1934 Pulitzer Prize for his play "Men in White," will visit Cornell, his alma mater, today.

While on campus, the dramatist will attend a Theatre Cornell performance of a scene from his 1951 play, "Darkness at Noon," and will tour a Uris Library exhibit of letters, awards, programs, playbills, and photographs from his distinguished career.

A New York Times reviewer once wrote of Kingsley that he "has few peers in the craft of summoning the theatre arts to conjure up a realistic atmosphere. His characters collide in expected — and unexpected — ways, and some arrive at the new point in life that the rules of theater demand."

Kingsley attended Cornell under a New York State scholarship, graduating in 1928. During his undergraduate years, he wrote several one-act plays for the dramatic club and won two forensic awards and the Drummond Playwriting award.

After graduating, Kingsley performed with a Bronx stock company. By 1930, he had written a play which he called "Crisis." That script was produced in 1933 as "Men in White," Kingsley's first play to be produced

professionally.

"Men in White," which revolved around the world of doctors and hospitals, was named the best American play of the 1933-34 season by the Pulitzer Prize committee, and was staged in the major European capitals.

Kingsley's next play, "Dead End," concerned life in the slums. The young playwright also directed "Dead End," which opened in 1935 and was named the best play of the season by the Theatre Club.

"The Patriots," a 1943 play by Kingsley, received the New York Drama Critics Circle Award, as did his "Darkness at Noon." A scene from "Darkness at Noon" will be performed by Cornell students in Statler Auditorium this evening as part of the activities for the 35th annual meeting of the Cornell Council.

The performance, presented by Theatre Cornell, the Department of Theatre Arts, and the College of Arts and Sciences, will also include selections from Mari Evans' "Eyes," a black musical; a vignette from Shakespeare's "A Midsummer Night's Dream;" and an American musical revue. Curtain time is 8:30 p.m.

## Divestment

Continued from Page 1

around the world, undergraduate financial aid, and other topics.

On Saturday, Dean of Faculty Joseph B. Bugliari will moderate a faculty panel discussion on South Africa from 10:15 to 11:15 a.m. in Kaufmann Auditorium of Goldwin Smith Hall. The panel will discuss the land, the people, and the history; the government, politics, and political system; and socio-economic issues in South African society.

Panel participants will include: Milton J. Esman, professor of government and former director of Cornell's Center for International Studies; Locksley Edmondson, a professor in the Africana Studies and Research Center; and Jonathan Jansen, a Cornell graduate student in science education from South Africa.

During the summer, various members of the PRC met with South African citizens, including business people, politicians, journalists and educators, to discuss apartheid and what would be the most appropriate action by American institutions, said PRC Chairperson Stewart, who added that such meetings are continuing into the fall.

In addition, Stewart said, she has been attending a series of meetings sponsored by a New York City church. Speakers in the continuing series range from members of the African National Congress, an anti-apartheid movement outlawed by the South African government, to a minister of the South African government.

"We are trying to get as broad a perspective as possible on the situation in South Africa," Stewart explained. "We are talking to as many types of people as possible to determine what is the most appropriate and responsible response for us to take."

"The next step will involve intensive analysis by the committee of the hundreds of documents, interviews, and comments that we have received."

Meetings concerning the divestment question began on campus in February 1984, when the PRC heard comments from several speakers on both sides of the issue. Last spring, the PRC held an open meeting on campus to hear comments from the Cornell

community on the divestment question. It also held two separate meetings with members of the divestment movement.

Also, apartheid and the pros and cons of divestment were discussed by a panel of faculty members and Senior Vice President William G. Herbster in a forum April 29 at Noyes Center, and at a May 1 meeting of the Cornell faculty.

A similar panel discussion sponsored by the divestment movement and Alumni Affairs was held during alumni reunion weekend.

This fall, several people discussed issues related to South Africa during a faculty forum. They were: exiled South African journalist Dumisani Kumalo and Stephanie Urdang; Salvatore G. Marzullo, chairman of the industry support unit to the Sullivan Statement of Principles; Stephen Moody, investment manager for socially sensitive portfolios, U.S. Trust Co., Boston; Nelson Schaefer Jr., chairman of the executive committee of Cornell's Board of Trustees; and Albert J. Wilson, assistant general counsel, TIAA/CREF.

The members of the Proxy Review Committee include four trustees and one faculty member. They are: Stewart; Federal District Court Judge Aubrey E. Robinson Jr.; Paul Tregurtha, president of Moore McCormack Resources; Kenneth W. Williams, student trustee; and Erik Thorbecke, the H. Edward Babcock Professor of Economics.

## 10 More Charged In Demonstrations

Ten more divestment protesters were charged with criminal trespass during the past week (Oct. 2-8) for refusing to leave Day Hall at its 5 p.m. closing time.

In total, 47 demonstrators have been charged since the Sept. 4 resumption of sit-ins at Day Hall.

The demonstrators are protesting Cornell's investments in companies doing business in South Africa.

## Shevchenko, High-Ranking Soviet Defector, Will Give Lecture Here

Arkady N. Shevchenko, one of the highest-ranking Soviet officials to defect to the West, will visit Cornell Oct. 24-25 as the first Henry E. and Nancy Horton Bartels World Affairs Lecturer.

The former Soviet ambassador and under secretary general of the United Nations will lecture on "A View from the Kremlin" at 8 p.m., Oct. 25, in Bailey Hall. He will also participate in two seminars and meet with faculty and students during his two-day visit to campus.

Shevchenko defected in April 1978 at the height of a 22-year career with the Soviet foreign service. Before defecting, Shevchenko was considered a possible future foreign minister of the Soviet Union. During his years in the foreign ministry, Shevchenko served as an intimate adviser to former For-

Continued on Page 10



ARKADY N. SHEVCHENKO

## Francis E. Mineka

Francis E. Mineka, dean of the College of Arts and Sciences from 1957 to 1962, died Friday, Oct. 4, at the Oak Hill Manor Nursing Home, after a long illness. He was 78.

A memorial service is scheduled for 4 p.m. Saturday, Nov. 2, in Sage Chapel.

An authority on 19th century English literature, Mineka joined the Cornell faculty in 1946 and served as chairman of the Department of English from 1948 until 1957 when he became dean.

During his tenure as chairman of English — at the height of the post-war expansion of the university — the department's faculty increased in number and distinction, becoming one of the leading departments in the country. As dean, he emphasized revision of the curriculum, and a strengthening of the faculty and course offerings in the humanities.

He was named the university's first Class of 1916 Professor of English when the endowed chair was established in 1956 at the 40th reunion of the class. He was elected to emeritus status upon his retirement in 1973.

Mineka was the author of several books including "The Dissidence of Dissent," (1944, republished 1972) and was editor of the monumental six-volume edition of the letters of John Stuart Mill, published by the University of Toronto Press (1963-1973).

He was a member of the University Library Board from 1964 to 1968 and was chairman of the committee that prepared



FRANCIS E. MINEKA

the so-called "Mineka Report" on the prospective needs and program of the library.

He is survived by his wife Muriel McGor Mineka of Ithaca; a son, John (Cornell Class of 1958) of New York City; a daughter, Susan Mineka (Cornell Class of 1970) Madison, WI; a sister, Dolores Weed of Concord, NC; and a granddaughter, Katharine Mineka of New York City.

The family requests that any memorial donations be made to the Cornell University libraries.

## Cornell Chronicle

EDITOR: Randall E. Shew

CONTRIBUTING WRITERS: H. Roger Segelken, Martin B. Stiles, David I. Stewart, Mark Eyerly, James McGrath Morris, Yong H. Kim, Susan S. Lang, Jeanne Mackin, Joseph Schwartz, Joseph Leeming.

PHOTOGRAPHERS: Sol Goldberg, Charles Harrington.

CIRCULATION MANAGER: Joanne Hanavan.

Published 49 times a year except Thanksgiving, Christmas and New Year's weeks. Distributed free of charge to Cornell University faculty, students and staff by the University News Bureau. Mail subscriptions, \$15 per year. Make checks payable to Cornell Chronicle and send to Editorial Office, 110 Day Hall, Ithaca, N.Y. 14853. Telephone (607) 256-4206.

Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Cornell University, 110 Day Hall, Ithaca, N.Y. 14853.

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.



# 'CORNELL IN THE WORLD'

## Council's Theme for the Weekend Carried Forward in These Pieces

From far above Cayuga's waters to the nations of Europe, Asia, Africa, and beyond, Cornell shares its education and research with the rest of the world.

Whether helping to improve nutrition in developing countries or assisting farmers in New York state, Cornell makes the advanced findings of leading scholars available to people in all walks of life.

In return, the world comes to Cornell in the form of students who study here and foreign scholars who teach here. Their presence enriches campus life by providing the cultural breadth that is so integral to an intellectu-

al community.

This weekend, the Cornell University Council will gather on campus for its 35th annual meeting, focusing on the theme "Cornell in the World."

In addition, Cornell's Board of Trustees will be holding a regularly scheduled meeting on campus this weekend, and also will hold a joint meeting with the Cornell Council.

The council is a group of 420 outstanding Cornell alumni, including 30 members from overseas, who are elected by the Board of Trustees to assist and advise the university in a wide variety of matters. Up to 500 mem-

bers and guests, including representatives from Europe, Central America, South America, and Australia, are expected to attend the annual meeting.

The alumni advisory group, led by chairperson Marjorie L. Hart '50, will hear presentations regarding the university's activities around the world, and will discuss ways to provide additional support for Cornell's outreach to all people, during its three days of meetings, seminars, tours, and other activities on campus.

Other topics on the agenda include undergraduate financial aid programs, athletic af-

fairs, and Cornell's relations with the state and federal governments.

Faculty members will deliver lectures during the weekend on several topics, including: "Revolutionary Nostalgia and Cultural Administration in Japan," "Do Third World Workers Share in Economic Growth?" and "Power and Influence in Today's World."

This issue of the Chronicle contains several stories related to the council's theme, "Cornell in the World." Most of the stories on this page were written by James McGrath Morris of the News Service staff.

## Language House Experiment Requires Linguistic Dexterity

For three-dozen Cornell University students, crossing the threshold of their dormitory requires a great deal of language dexterity.

As members of Cornell's Language House, the students renounce the use of their native tongue when they enter the building and speak only French or Spanish until they head out for another day of classes.

A fraternity of language, this linguistic halfway house is one of the more recent efforts to internationalize curriculum and campus life at Cornell. The two-year old program, coordinated by the Center for International Studies and the office of the vice provost, is housed in its own building this year for the first time.

Living together in Anna Comstock House on the North Campus, the students are supervised by resident native speakers hired to act as language coaches and discussion leaders. The dorm is divided into two sections, keeping together those students who are speaking French and those speaking Spanish. A third section in German language is affiliated with the program, sharing space for meetings and parties at Anna Comstock.

The students also practice their language skills beyond the routine of dorm life, sharing meals five nights a week, screening foreign films and documentaries, organizing lectures, and subscribing to foreign periodicals. The magazines and newspapers frequently serve to stimulate discussions of issues in the language the students are speaking.

"I am learning conversational French, the current slang, and all the current happenings

in France," said Randy Hackel, a computer science and biology major. With no space in his academic schedule for French classes, Hackel is building his vocabulary and speaking abilities at the Language House. "I want to do something else besides all the technical things demanded by my major," he said.

Intended as a complement to formal classroom learning, residence in the Language House can serve students in several ways, explained Pilar Greenwood, program coordinator. Some students, like Hackel, simply want to keep up their language skills. Others may want to practice a language before heading abroad and still others may work to stay there after returning from time overseas to share their intercultural experiences.

To be admitted into the program, students must take a written test and be interviewed. Greenwood said it's important for the students to be fairly proficient in a second language before joining the dorm.

"It would be very frustrating to be here if you can't keep up at a certain level," she said.

The house is self-governing and all the activities are planned and organized by the students. Cornell faculty members are frequently invited to talk about their research (in French or Spanish, of course) over a meal, and more formal dinners are occasionally organized around lectures by such notables as Nobel laureate Norman Borlaug.

"The Language House program is both residential and academic," Greenwood said. "And, it is the only place at Cornell where these both occur."

## Now It's Possible to Study Abroad Without Ever 'Leaving' Cornell

For the first time ever, Cornell students are studying around the world this fall without "leaving" Cornell.

As of the fall 1985 semester, students headed overseas no longer register in absentia. Cornell students on foreign campuses now remain enrolled at Cornell, get Cornell credit, pay Cornell tuition, and in many cases receive financial aid.

The change in policy "makes foreign study an integral part of a Cornell education," said Arch T. Dotson, director of Cornell Abroad. Because students can now receive financial aid during the semesters they are abroad, there has already been "a sharp change in the composition of the student population applying to study overseas," according to Dotson.

In the past, students seeking to study abroad "shopped around with, regrettably, little information or advice," Dotson said. Once they won acceptance to a foreign institution, the students were on their own to make transportation, housing, and payment arrangements. "Cornell's responsibility simply stopped," he explained.

Under the new system, students are matched by abilities and desires with foreign colleges through study abroad offices at Cornell. The applications to universities with which Cornell has cooperative agreements are ranked and submitted together. By officially nominating the students, the acceptance rate for Cornellians has increased. Twelve of the 14 nominees to Oxford and Cambridge universities for 1985 were admitted, Dotson said.

"Of the 59 students from the United States accepted at Oxford this year, 10 are from Cornell," he added.

By the end of the 1985 spring semester, 192 Cornell students had been accepted to study abroad during the 1985-86 academic year. By far the largest share, 109, were from the College of Arts and Sciences. Thirty of the Cornellians studying abroad were from

the New York State College of Agriculture and Life Science and another 36 from the New York State College of Human Ecology. The remaining students came from four other colleges.

These figures, however, do not include the applications that have been made for the 1986 spring semester, noted Dotson. This latest bunch of applications will add at least another 100 to the total for the 1985-86 academic year which may exceed 300, a 50 percent hike over the previous year.

As might be expected, most of the students are juniors. Nonetheless, seniors make up one-third of the number studying abroad. The most popular country is Great Britain; nearly half of the students chose British colleges. Next in popularity are Spain, France, Italy, and Israel. Still others are studying in Nepal, Japan, China, and Egypt.

Study abroad arrangements have been agreed to or are being negotiated with some 40 foreign institutions, according to Dotson. This, in turn, has contributed substantially to the internationalization of Cornell.

Most of the institutions have insisted upon forging exchange agreements that permit their students or faculty to come to Cornell. The reason for seeking exchange agreements was best explained by a vice president of a French university, Dotson said. The Frenchman explained that quality education costs as much in Europe as in America. "It is only a question of who pays for it," the French educator said. "Here, it is the citizens of France. They, and we, insist on reciprocity."

"No person can be considered educated in the full sense of the word without some knowledge of other cultures and nations," Dotson said. Next year, he predicted, some 350 to 375 Cornell students will be abroad at perhaps as many as 65 different institutions in Europe, the Middle-East and Asia.

"It has its own energy," Dotson said of foreign study. "Our problem has been to guide it."

## USAID Grant Helps To Expand Nutritional Surveillance Program

The university's Nutritional Surveillance Program, aimed at gathering practical information to combat hunger in developing nations, is being expanded under a grant of up to \$2.4 million from the U.S. Agency for International Development.

The new three-year cooperative agreement between USAID and Cornell's Division of Nutritional Sciences follows a 1980 agreement that funded the program's first five years.

The Cornell Nutritional Surveillance Pro-

gram (CNSP) provides support and training for officials from developing countries who want to develop surveillance systems in their nations.

Working closely with the Department of Agricultural Economics and the International Population Program, both at Cornell, as well as with experts in statistics, agriculture, and rural development, CNSP also collaborates with international agencies such as UNICEF to help governments of developing nations monitor the nutritional status of their populations and factors that affect malnutrition. It also has helped local programs in New York State.

CNSP staff members, graduate assistants, and Cornell faculty are working in several countries throughout Africa, including Lesotho, Malawi, Botswana, and Kenya, and in Indonesia. Already having conducted five training courses of six weeks each for officials in developing countries, CNSP will continue such efforts in nations suffering from maternal and child nutrition. In addition, it will disseminate information on the present state of knowledge in nutritional surveillance, and expand its resource center of specialists, materials, and relevant literature.

"Malnutrition is a result of social and economic poverty," explains John B. Mason, project director. "It affects the growth, development, and survival of children, and the health, activity, and well-being of adults."

"It can be improved, however, with better

Continued on Page 11

## Overseas Alumni Help Cornell Offer International Internships

Pre-professional students in the United States, like Cornell junior Manuel Gonzalez, have been unlikely candidates for academic programs that offer time abroad.

Their demanding course requirements have kept them campus-bound, for the most part. As a consequence, many future doctors, lawyers, and others give up further language study, lessening their ability to cope with the increasingly multi-national professional world they will enter eventually.

That traditional barrier to foreign study, however, is at long last crumbling thanks to a new internship program started at Cornell this year. Administered by the Center for International Studies, the International Internship Program is providing pre-professional students with an opportunity to gain international experience by placing them in summer-time jobs abroad that are related to their major courses of study.

Only two other universities in the United States offer internships like the ones being arranged through this new program, according to Billie Jean Isbell, director of Cornell's International Internship Program. This is in stark contrast to European universities, which have made international on-the-job experience an important component of their training, she said.

Unless American higher education catches up, "European professionals are going to be better equipped to cope on the international world scene," Isbell added.

Last summer, eight students participated in Cornell's program. Among them was Gonzalez, who spent the past summer working for Procter & Gamble in Venezuela. "I can think of no other experience which has so greatly augmented my education," he said upon his return.

The program is built upon reciprocal ex-

change agreements with universities abroad. The first exchange, involving Gonzalez and four other Cornell students, was established with the Universidad Metropolitana in Venezuela. Three Venezuelan students were placed by Cornell in firms in the United States and a fourth worked as a research assistant at the university.

"Ideally, this program will mature into providing opportunities worldwide for students to practice their profession in other cultures," Isbell said. Some job placements are already available in Japan through a joint effort of Cornell's Japan-China Program and the Johnson Graduate School of Management. Work is also under way to create similar work opportunities in England,

Continued on Page 11

## International Agriculture Program Here Has Contractual Ties Around the World

When the International Agriculture Program (IAP) at Cornell University was established in 1963, emphasis was placed on enhancing activities in a limited number of universities and colleges of agriculture in developing nations, beginning with the University of the Philippines.

More than twenty years later, formal contractual activities are being conducted in nearly two dozen countries, such as the Philippines, Bangladesh, Panama, and the People's Republic of China, and they are linked to Cornell through IAP in the New York State College of Agriculture and Life Sciences. In addition, it is estimated that more than 100 informal contacts exist between faculty in the College and their counterparts in

institutions abroad.

Among aims of the program are training students to work in international agricultural research and education, providing exchanges of students, faculty, and scientists, and helping the developing nations to expand their own research and training programs.

Approximately 500 graduate and 100 undergraduate students from the United States and 74 other countries have career interests in international agriculture and rural development. And, of the 343 graduate students from foreign countries in the College of Agriculture and Life Sciences, nearly three-quarters are from developing nations, including 145 from Asia, 38 from Africa and 64 from Latin American countries.



# Chronicle Comment

## Divestment Dialogue

Editor, Cornell Chronicle

The issue of the Chronicle for Sept. 26 carries a letter, previously published in the Sun and the Ithaca Journal, from Joseph Bugliari and John Sherry, who identify themselves by their offices as, respectively, dean of the university faculty and chair of the Executive Committee of the FCR. The authors object to "the present repeated building occupations;" they imply that these are "disruptive activities," which are not "appeals to reason," but "seek solely to elicit an emotional response," and "to coerce acceptance of one position." They call for "reasoned disagreement and dissent." Both the substance of their letter and the conditions under which it appears deserve some comment.

Much of the rational argument in the debate over divestment has come from people who have also supported the sit-ins. This should cause no surprise; support for sit-ins, in particular conditions, may actually show one's commitment to rational discussion. When Bugliari and Sherry advise us to confine ourselves to verbal argument, they conspicuously fail to ask the crucial question: will the rational arguments find interlocutors who listen to them seriously? The administration and trustees have shown that in this case the answer, so far, is plainly No.

Discussions about divestment resulted in a long and detailed pamphlet, "Why Cornell Should Divest," which argues against the administration's and trustees' position on divestment; this was distributed to all the faculty before the vote in favor of divestment. A detailed analysis and critique of the proposed new Regulations for the Maintenance of Public Order was sent to all the faculty, before the vote against implementation of the new regulations. These rational arguments have received no detailed point-by-point reply from their opponents.

The response to rational arguments has been rather different. The trustees have refused to hold any open point-by-point discussion with concerned faculty, staff and students; the single short hearing (not a discussion) arranged by the Proxy Review Committee lost any credibility after a student speaker was cut off by the chair in the middle of his brief statement. During the summer the administration showed its complete contempt for the whole university community by its hurried and secretive attempt to enact the proposed new Regulations for the Maintenance of Public Order. The administration does not take rational arguments seriously, if the arguments come from its opponents; instead its members use the police, and devise schemes for inhibiting free speech on campus. One might well believe that in these conditions further action, including sit-ins, is a proper way to call the attention of reasonable people to the facts about the administration's failure to participate seriously in the rational discussion that it is for. To make these facts clear to reasonable people is not to "seek solely to elicit an emotional response."

Bugliari and Sherry do not explain how the sit-ins in Day Hall are disruptive. No doubt many participants in the sit-ins regret the inconvenience caused to university employees on the first floor of Day Hall, and would prefer the third floor of the building to be open for peaceful demonstrations. Inconvenience, however, is not disruption. The sit-ins clearly observe the limits imposed by the Statement of Student Rights (Faculty Handbook, p. 233), and violate none of the specific prohibitions of the current Regulations for the Maintenance of Public Order (Handbook, p. 164).

In alleging that supporters of sit-ins advocate the rejection of rational argument in favor of coercion, Bugliari and Sherry make serious and controversial charges against many of their faculty colleagues. Why then do they use their official titles in the letter, and why do they use the facilities of the dean's office to collect signatures? (They invite members of the faculty to stop at 315 Day Hall, or to call the dean's secretary.) On Sept. 18, at a joint meeting of the University Faculty and the FCR, the dean was, as usual, allowed time to make announcements of general interest to the faculty. He chose to use this decanal privilege to advertise his letter, and to invite people to sign a copy at the front of the room. Two faculty members, pointing out the controversial nature of the letter, challenged his right to use his office in this way. The dean replied that he had not intended the letter to be 'non-neutral', and had not realized that it would be construed that way; no faculty member except Professor Sherry supported him or replied to the protests. He has now chosen not to answer, but to ignore, the protests, and has sent the let-

ter, unaltered, to the Chronicle. The question needs to be asked again: isn't the dean abusing his official position to sponsor the letter? The statement of decanal functions in the Faculty Handbook mentions nothing that could justify this letter; it does, however, insist that the dean "is not a member or agent of the University administration" (p.33). Why has the dean not answered his critics?

Terence Irwin  
Professor of Philosophy

### Response of Dean Bugliari

The Organization and Procedures of the University Faculty provides specifically that "the Dean retains the right to express his own personal views, when described as such." (Faculty Handbook, page 198) The letter sent to the Cornell Community by myself and John Sherry was intended solely as our "personal views." I honestly thought that the use of "we" throughout the letter and the request to other faculty to join "us" made this clear. But as I said at the faculty meeting and in answer to all those who inquired about my writing the letter, if this was not understood by the faculty, I stand re-proved. As to the use of my decanal title, I clearly put my faculty title first (unfortunately it was not submitted that way to the Chronicle) to emphasize the personal nature of the letter.

As to the use of my office as a response point, since I have made it available upon request for other faculty responses, including for those faculty members who wished to indicate that they would make special arrangements for any students suspended for activities during demonstrations, I see no reason why it was improper to use to solicit responses to my own letter.

A more important question, perhaps, is why the letter was written at all. Throughout all the debate over divestment, I have tried assiduously to maintain a totally neutral position and be supportive of both sides as I feel the dean properly has to be. I will continue to maintain that neutrality, but I will also convey the faculty vote in the referendum to the trustees and the administration. At the same time, I have always had deep misgivings that mass building occupations, as occurred in the spring, obscured the underlying issue of divestment and instead shifted the focus of campus concern to their propriety. While this fall only two protestors remained daily after the 5 p.m. closing, a symbolic gesture which I find much more appropriate, the Sept. 13, 1985, issue of the Sun reported that 75 people had the night before held a midnight "vigil" at the president's home and refused to leave until he was awakened and agreed to address them. Moreover, the Sun article also noted that although the plan was to continue the individual arrest strategy, "...several students said they could not rule out the possibility that more violent means of protest would be employed." The Sun also reported that Madeleine M. Todd '87 had said that "protestors might resort to more violent forms of protest 'at any time'." It was at this juncture that I felt that before things got out of control, I must say something with which I hoped many other faculty might agree.

I was also concerned that should "more violent means of protest" be undertaken, the trustees might feel constrained to impose the pending proposed revisions to the Rules for the Maintenance of Public Order which many of us had spent much effort to prevent from being implemented.

Finally, we were then just one week from the report of the vote on the faculty referendum, which I felt would be the most important community message to the trustees on divestment. To have that vote clouded after five months of effort to achieve it, would have been unthinkable.

Admittedly the intellectual process is sometimes exasperatingly slow (as noted, it took five months for the faculty vote to be final) but it is still, in my opinion, the only acceptable way to proceed in an academic community.

Joseph B. Bugliari  
Professor of Agricultural and Business Law  
and Dean of the Faculty



Pumpkin-carving at the Plantations' "Fall-In" captured the attention of Seth Zenz (right) and Hope Stevens, and a "stuffy" onlooker.

## Borlaug: Coordinated Effort Can Eliminate African Nations' Famine

By JOSEPH SCHWARTZ

Famine in Africa can be eliminated through a coordinated scientific, political and economic effort, according to the man who is credited with being the "Father of the Green Revolution."

Nobel Laureate Norman E. Borlaug, an Andrew Dickson White Professor-at-Large here, talked about solutions to the African famine during a two-week visit to the Cornell campus.

In a speech about "Agricultural Research and the African Food Crisis," Borlaug said that the African famine is far from hopeless, because similar food shortages in Mexico, Pakistan and India were solved when those countries adopted sound farming methods and instituted economic reforms that would allow the farmers to succeed.

Borlaug said that countries such as Ethiopia could someday be growing enough food to feed their people if they follow the examples of countries such as Mexico.

"When I got to Mexico in 1944, I witnessed a situation not unlike what is facing Africa today," Borlaug said.

Borlaug first traveled to Mexico as a plant

scientist working for the Cooperative Mexican Agricultural Program, which was a joint effort between the Mexican government and the Rockefeller Foundation. His job was to develop Mexico's wheat production to its full potential, and to train Mexican farmers and scientists.

Eventually, Borlaug developed high-yield, disease-resistant varieties of wheat for Mexican farms. At the time that program began, Mexico's wheat production averaged 11 bushels per acre; today, it is 70 bushels, Borlaug said.

While the technology of disease-resistant crops and potent fertilizers brought successes in Mexico's fields, that country's agricultural successes would have been impossible without accompanied economic reforms. Those reforms, such as credits to farmers who were purchasing grain and fertilizer, were as important as the technology, Borlaug said.

"You can have all the technology in the world, but nothing will happen unless it is tied in with an economic policy," Borlaug said.

## Martian Dust Devils

Continued from Page 1

Science, "it is of great interest to discover that other modes of dust entrainment are acting."

The Cornell astronomers found the dust devils by looking for shadows of clouds in the thousands of images the Viking orbiters had relayed to Earth. They found 99 instances of funnel- or column-shaped shadows associated with clouds. From calcula-

tions based on the size of the clouds, the astronomers determined that some two-thirds of the dust devils were between 0.5 and 1.5 miles in height. Some appeared to be as high as 4 miles.

It had been long expected that dust devils could occur on Mars and that they might be important in the initiation of large dust storms or in increasing the general dust content of the atmosphere, Thomas and Gierasch noted. Meteorological instruments on the Viking lander indicated that the spacecraft had encountered dust devils.

But it was not until the Cornell astronomers re-analyzed Viking data collected from sections of the planet most favorable to the formation of dust devils that the events were confirmed. Most were found between 33 and 43 degrees North latitude, in high-resolution images made during the hottest part of Martian summer days. Afternoon surface temperatures in the area of the dust devils reached 265 degrees Kelvin (slightly below the freezing point of water on Earth) and dropped to 180 degrees Kelvin at night, the astronomers observed.

Dust in the funnels has a reddish appearance, apparently from iron oxides that compose much of the Martian surface, Thomas explained. Most of the particles sent swirling into the atmosphere are only a few microns in size, or only several millionths of a meter. A typical dust devil — 1.25 miles high and 650 feet wide — probably contains three tons of dust, the astronomers noted.

"The Viking orbiter and lander data have revealed the existence of an interesting and important phenomenon on Mars," the Cornell astronomers concluded, "and full characterization is a major objective for future study of Mars."

## Albany Legislative Internships Meeting Scheduled

Legislative internships are available for the spring semester to work in Albany with both members of the state Assembly and Senate. In all up to 61 positions are open in the Senate and 150 in the Assembly.

Generally the internships are open to juniors, seniors and graduate students, although some "exceptional" sophomores may be chosen.

The internships pay a \$1,200 stipend for the period from January through mid-May.

A meeting about the program is scheduled for 4:30 p.m. today in 134 Goldwin Smith Hall. Jeffrey Stonecash, professor in residence for the program, will speak, and representatives from the College of Arts and Sciences, the College of Human Ecology, the New York State School of Industrial and Labor Relations and the Financial Aid Office will be present to answer questions about academic credit, stipends and financial aid.

Cecelia (Rusty) Roland, associate director of government affairs at the university, who works out of the Albany office, will attend to answer questions about the Albany scene.



# Volunteers Key In Campaign Of United Way

More than four dozen volunteers from departments across the campus are making certain the 1985 United Way of Tompkins County campaign reaches every faculty and staff member at Cornell.

Without their efforts in distributing and collecting pledge cards — and in explaining the services and policies of United Way and its 26 member agencies — the high level of campus participation in the annual appeal would not be possible.

This year, additional volunteer division leaders have been added in an effort to reach every Cornell faculty and staff member more effectively. United Way planners hope to raise at least \$380,000 in gifts and pledges, a part of the \$1.1 million total goal for the county-wide campaign.

Volunteer leaders in Division One, where Clint Sidle is the campaign deputy, include Vickie Goss in Architecture, Art and Plan-



ning; Jean Pearson in the A.D. White House and Uris Hall portion of the College of Arts and Sciences; Cliff Earle, Linda Willis, Joan Oltz and Phyllis Chilburg in the west Arts Quad; Jane Pederson in the Department of Physics; Cora Sheehan and Eleanor Stagg in Baker and Rockefeller Halls; and Marilyn Williams in Goldwin Smith and Lincoln halls.

Other volunteer leaders in Division One include Sharon Calkins, Dining; Pat Hutton, Day Hall; Ken Ecker, Public Affairs; Janice Abraham, Residence Life; Chuck Wolf-ram and Mary Ella Christie, Law School; Marie Powers, Libraries; Dorothy Cotton, Campus Affairs; Rosanne Murphy, Computer Services; Judith Ehren, Student Services; and Gene Bartell, Space Sciences.

Working with John McKeown, campaign deputy for Division Two, are Georgian Leonard, Athletics-Public Affairs; Richard N. White, Civil and Environmental Engineering; Robert Reese, Facilities Engineering; Linda Hill, Finance and Business Office; Mariea T. Blackburn, Graduate School of Management; David Stipanuk, Hotel School; David Eastman, Industrial and Labor Relations; and William Arion, Nutritional Services.

In Division Three, where Mary Nicotera is the campaign leader, division leaders include Richard Guest, Agricultural Engineering, Food Science and Microbiology; David Al-lee, Agricultural Economics and Rural Sociology; Pearl Perry, Agronomy; Barth Mapes, Animal Science; Barbara Stewart, Education; Joan Gruttadauro, Floriculture, Vegetable Crops and Pomology; Christopher Whittle, Media Services and Entomology; Kathy Garrett, Laboratory of Ornithology; Caverlee Cary, Plantations; and Joan Miller, Plant Biology.

Other Division Three leaders include Lorraine Hollenbeck, Plant Breeding and Biometry; H.W. Israel, Plant Pathology; J.H. Underwood, Poultry Science and Natural Resources; Margaret Neno, CLEARs; Glenn MacMillen, Dean's Office; Susan Williams, Extension Administration; Ward Miller, Farm Services; Carol Jackson, International Agriculture; Jan Preston, Instruction; Arline Clair, Research Office; Ben Williams, Boyce Thompson Institute; Bernie Ryan, Human Ecology; and Robert Brown, College of Veterinary Medicine.



"Dr. Mushroom" was one of many attractions at Cornell Plantations "Fall-In" Saturday, which drew an estimated 1,000 visitors.

## Computer Tells Students if Decisions Are Profitable...or Disastrous

### Hatfield Fund Adds Dollops Of Reality to Classroom

By JAMES McGRATH MORRIS

A new computer program here is adding a dose of reality to classroom simulations of the work-a-day world of business.

Within minutes, students of organizational behavior who use the program know whether their decisions may have doomed their make-believe company to ruin or rescued it from a financial abyss.

The interactive computer program was developed by Robert Stern, an associate professor in the New York State School of Industrial and Labor Relations, and Sharon McCarthy, a graduate student in the Samuel Curtis Johnson Graduate School of Management.

It is one of eight projects being supported by the Robert S. Hatfield Fund to Enhance Economics Education at Cornell. Since its inception in 1980, the Hatfield program has provided more than \$100,000 to support work by faculty members who propose innovations in teaching undergraduate economics.

The endowment aims to provide a greater awareness of economic issues by adding a real-world dimension to many of the courses taught across the campus, according to Bar-

ry Adams, vice provost for undergraduate education.

The Hatfield Fund is an important force in supporting innovation in the teaching of economics at Cornell, according to Stern. "The fund allowed me to do something creative that I couldn't have done otherwise," he said.

In Stern's course, for example, the new computer program illustrates the interaction between economic survival of an organization and its internal politics, communication patterns, and resource allocation.

The 60 students enrolled in his class on organizational behavior meet weekly and assume roles as employees in a fabricated company. As they attempt to solve dilemmas facing their firm, the students' decisions are fed into a personal computer and evaluated within minutes. The students then discover if the decisions they made weakened or strengthened the firm.

The students, for example, learn how their actions affected the company's production. In addition, the computer provides them with continuous information regarding the number of employees that are absent, on vacation, being fired, or retiring.

The students, in turn, must decide first how to manage the information they receive from the computer, as executives in the real world must decide what to do with market information, and then they must act upon it.

Before the program was written, Stern said, providing fresh information based on students' actions took more than 45 minutes. The necessary calculations now take only five minutes.

Several other Cornell professors have turned to Hatfield Fund Support to use computers as a teaching tool. Two interactive computer programs were developed in 1982-83 for use in explaining mortgage financing and residential energy consumption in a course on the economics of housing, for example.

In the same year, four faculty members in agricultural economics and a research specialist developed a pilot program in marketing by using interactive video. Three videotapes were produced during the project and a pair of them continue to be used in two courses. Other Hatfield Fund projects have included:

- development of a teaching game designed to help students conceptualize the role a free market system plays in the land market;

- visits by six students to U.S.-owned plants facing competition from Japanese exports and U.S. plants now under Japanese management;

- creation of instructional materials to help students understand the economics of livestock production systems; and

- purchase of materials used in part for agricultural economics courses dealing with business law.

"It is impossible to measure with precision the influence of something like the Hatfield Fund," noted vice provost Adams. "But anyone who heard Professor Peter Katzenstein's students describe their field experience would certainly find compelling evidence of an anecdotal sort."

A grant from the fund enabled Katzenstein's students to conduct extensive surveys in connection with their economic analysis of a variety of state industrial policies. Katzenstein is a professor of government in the College of Arts and Sciences.

## Mayr, History of Biology Author, Will Deliver Messenger Lectures

Ernst Mayr, the Alexander Agassiz Professor of Zoology, Emeritus, at Harvard University, will deliver the fall 1985 Messenger Lectures here.

Mayr will discuss the overall theme of "Evolutionary Biology and Philosophy" in three lectures scheduled for Tuesday, Oct. 15, Wednesday, Oct. 16, and Thursday, Oct. 17.

The lectures will be held at 4:30 p.m. each day in the Hollis E. Cornell Auditorium of Goldwin Smith Hall. There is no charge for admission to the lectures.

The topics of Mayr's talks will be: "Is Biology an Autonomous Science?", "What Have We Learned About Evolution Since Darwin?" and "Evolution and Ethics."

Mayr is the author of the critically acclaimed book, "The Growth of Biological Thought," a monumental history of biology.

The 81-year-old German born scholar is the author of more than 450 articles and is either editor, author or co-author of 15 books. He is credited with greatly influencing the field of evolutionary biology, not just his primary field of systematics.

Mayr held the Agassiz chair at Harvard from 1953 until being named professor emeritus in 1975. He began his career as assistant curator of the zoological museum at the University of Berlin in 1926, where he was awarded his doctorate.

## Holtzman to Discuss 'Violence Against Female Body; Lawyer's Perspective'

Elizabeth Holtzman, Brooklyn district attorney and former United States Congresswoman, will speak on "Violence Against the Female Body: A Lawyer's Perspective," on Monday, Oct. 14, at Cornell University.

Holtzman is one of a half dozen scholars from a variety of disciplines who are discussing issues related to the topic, "The Female Body," in a year-long lecture series being sponsored by Cornell's Women's Studies Program.

"Literary and film critics, anthropologists, historians, sociologists, and lawyers, as well as biologists, all have something to say about how we conceptualize and experience the female body," said Joan Jacobs Brumberg, director of Women's Studies and assistant professor of human development and family studies.

"This issue of 'The Female Body' is of rel-

evance to students, faculty, staff, and the community," Brumberg said. "A great deal of contemporary social discourse has to do with ideas about women's bodies."

Brumberg opened the lecture series last month with a history of anorexia nervosa, a disease that affects an increasing number of adolescent women each year. A second lecture, on weight control, was presented by Dr. William Bennett, editor of the Harvard Health Newsletter.

The lecture series will continue when Holtzman gives her lecture at 7:30 p.m. Monday in the Hollis E. Cornell Auditorium of Goldwin Smith Hall.

On Oct. 28, Carol Vance, as associate research scientist at the Columbia University School of Public Health and editor of a collection of essays on female sexuality, will discuss "The Female Body and the Social Con-

struction of Sexuality." Vance's presentation will be at 4:30 p.m. in Hollis E. Cornell Auditorium.

The final two lectures during the fall semester will be delivered Nov. 5 and 6 by Caroline Bynum, professor of history at the University of Washington. She will discuss "Anorexia Mirabilis: Why Did Medieval Women Fast?" Nov. 5; and "The Body of Christ in the Later Middle Ages: Did it have Gender?" Nov. 6. Both lectures will begin at 4:30 p.m. in the A. D. White House on campus.

A schedule for the lectures to be offered during the spring semester will be announced later. Among those expected to participate in the series during the spring will be nationally syndicated columnist Ellen Goodman.

ELIZABETH HOLTZMAN





# Calendar

All items for publication in the Calendar sections, except for Seminar notices, must be submitted (typewritten, double spaced) by mail or in person to Fran Appar, Central Reservations, 531 Willard Straight Hall at least 10 days prior to publication. Seminar notices should go to the Chronicle office, 110 Day Hall. 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 (lectures, colloquia, etc.) ALL DEADLINES WILL BE STRICTLY ENFORCED.

\*—Admission charged.

## Announcements

**Intramural Ice Hockey (Men, Women)**  
Deadline on entries is Monday, Oct. 14 at 4 p.m. in the Intramural Office, Helen Newman. Minimum of 12 to enter. Type of play: single elimination (Round Robin if sufficient ice time is available). Play will be Mon. through Thurs. evenings. You do not have a choice of days or times. All equipment will be supplied by Intramural Office except skates and sticks. Fee of \$20 per team, due with your roster to enter. Checks only, payable to Dept. of P.E. and Ath., Intra. Div. If tournament is single elimination: either all teams of any division must play in Div. A or there must be a minimum of 8 teams in both A and B. If requirement is not met, then all teams will be Division A. All individuals who played on winning division teams must play Division A the following year.

**The Christian Science Monitor Resource Files**  
The Monitor Resource Files contain articles covering topics of major importance: national and world politics; social, scientific and economic developments; world relations and peace, etc. The Files will be available in the Straight Lobby today from 10 a.m. to 4 p.m.

**Study Abroad**  
The Dept. of Asian Studies is sponsoring an informational discussion session on study abroad programs in Japan for interested undergraduates. Come - talk with other students who have studies in Japan. Wed., Oct. 16, 4:30 p.m., Lounge 374 Rockefeller Hall.

**Study Abroad**  
The Dept. of Asian Studies is sponsoring an informational discussion session on study abroad programs in Southeast Asia—in particular, "Summer Study in Thailand" and a Program in Indonesia — for interested undergraduates. Mon., Oct. 14, 4:30 p.m., Lounge 374 Rockefeller Hall.

**Personal Growth Workshops**  
A second series of Personal Growth Workshops will begin the week of Oct. 28. Topics include Assertiveness, Building Self Esteem, Building Satisfying Relationships, Stress Management, General Personal Growth and Women, Food and Self-Esteem. There will also be an advanced group for participants who have already attended a Women, Food and Self-Esteem group (Women, Food and Self-Esteem II). All workshops are free and confidential and emphasize building skills. They are short term. Open to everyone in the Cornell community. Signups begin Oct. 17. For more information

tion or to sign up, please stop by 103 Barnes Hall or call 256-3608.

**English as a Second Language**  
A six-week, noncredit course will be offered for visiting academicians who seek improvement in any basic English language skills, particularly speaking and listening comprehension. Classes meet 4:30-6:30 p.m., Mon. through Thursday, Oct. 14-Nov. 21. In addition to the eight hours of weekly classroom instruction, individual consultations will be available.

The program fee is \$400. Registrations must be submitted by 4:30 p.m. Friday, Oct. 11. For registration information, contact Patricia Updike, B12 Ives Hall, 256-7259. For more information about the course, contact Mary K. Redmond, 323 Morrill Hall, 256-8288.

## Dance

**Jazz Exercise**  
Adult Jazz Exercise Dance Class. Tuesdays and or Thursdays, 7-8 p.m. Call 256-4231 mornings, or 257-5677 for further information.

**Saturday**  
Oct. 5, 8 p.m. \*Willard Straight Memorial Room. "Dances for 2, Willie Feuer and Susan Matheke." Sponsored by Cornell Dance Office.

**Cornell Folkdancers**  
The Cornell Folkdancers meet in the North Room of Willard Straight Hall on Sundays, throughout October. Instruction from 7-8:30 p.m., followed by request dancing till 10:30 p.m. Free; beginners welcomed; no partners needed. For more information call 256-7149 or 257-3156.

**Israeli Folk Dancing**  
Dancing will be held on Thursday evenings at 8 p.m. in the One World Room of Anabel Taylor Hall. Beginners and experienced dancers welcome.

**Every Wednesday**  
The Jitterbug Club meets 7:30-9:30 p.m. in the Edwards Room, Anabel Taylor Hall. Beginners taught 7:30-8:30 p.m. For more information call Jim Krebs at 256-5034 or 257-4692.

## Exhibits

**Herbert F. Johnson Museum**  
"Cornell University Art Department Faculty Exhibition, through Oct. 20. "Urban Visions: The Paintings of Ralph Fasanello" through Nov. 10. "From the tree where the bark grows": North American Basket Treasures from the Peabody Museum, Harvard University, through Oct. 27. "Teionkwahontasen: Basketmakers of Akwesasne" through Oct. 27. The Herbert F. Johnson Museum of Art, located at the corner of Central and University Avenues, is open Tuesday through Sunday, from 10 a.m.-5 p.m. The Expanding Cinema returns to the Museum this fall with its most ambitious schedule yet, making it one of the country's most extensive surveys of experimental film and video works. Expanding Cinema programs will be shown throughout the academic year, every Sunday at 2 p.m. in the museum's Lecture Room. Guest film and video artists, lecturers, and critics will be featured regularly. The Expanding Cinema is a joint program of Cornell Cinema and the Johnson Museum. All programs are free and open to the public. Sunday, Oct. 12, 2 p.m.: the film "Ruckus Manhattan" by artist Red Grooms will be presented in conjunction with the Ralph Fasanello exhibition.

The Herbert F. Johnson Museum of Art, located at the corner of University and Central Avenues on the Cornell campus, is open Tuesday through Sunday from 10:30 a.m. to 5 p.m. Admission is free.

## Films

Unless otherwise noted films are sponsored by Cornell Cinema. Cornell Cinema asks all those who are interested in co-sponsoring series or individual films in the Spring to submit their proposals by Oct. 20. Please direct any questions or requests for assistance to Richard Herskowitz at 256-3522.

**Monday**  
Oct. 14, 9 p.m. \*Uris Hall Auditorium. "How Tasty Was My Little Frenchman" (1971), directed by Nelson Pereira dos Santos, with Arduino Colassanti. Film Club members only.

**Tuesday**  
Oct. 15, 4:30 p.m. Uris Library Media Center, room 310. Southeast Asia Program Film Series: "Land Dyaks of Borneo" and "Nomads of the Jungle." Though dated, this film shows the day to day life of a group of upland hunter-gatherers in the jungles of Malaysia.

Oct. 15, 8 p.m. \*Uris Hall Auditorium. "The Organizer" (1964), directed by Mario Monicelli, with Marcello Mastroianni and Annie Girardot. Shown with "Union Maids" (1976), directed by Julie Reichert, documentary. Co-sponsored by Johnson Museum and ILR School.

**Wednesday**  
Oct. 16, 8 p.m. \*Uris Hall Auditorium. "Tootsie" (1982), directed by Sydney Pollack, Dustin Hoffman, Teri Garr and Jessica Lange. Co-sponsored by the Cornell Men's Network.

**Thursday**  
Oct. 17, 12:20 p.m. Warren Hall 32. Rural Sociology 104: Proseminar: Issues and Policies in Rural Sociology. "Budworks" (pesticides).

**Friday**  
Oct. 18, 7:30 p.m. \*Uris Hall Auditorium. "Confidentially Yours" (1983), directed by Francois Truffaut, with Fanny Ardant and Jean-Louis Trintignant.

Oct. 18, 10 p.m. \*Uris Hall Auditorium. "The Man Who Would Be King" (1975), directed by John Huston, with Sean Connery and Michael Caine.

**Saturday**  
Oct. 19, 7:30 p.m. \*Uris Hall Auditorium. "Confidentially Yours."

Oct. 19, 10 p.m. \*Uris Hall Auditorium. "The Man Who Would Be King."

**Sunday**  
Oct. 20, 2 p.m. Johnson Museum. "Urban Peasants: An Essay in Yiddish Structuralism" (1975).

Oct. 20, 8 p.m. \*Uris Hall Auditorium. "The Reckless Moment" (1949), directed by Max Ophuls, with James Mason and Joan Bennett. Shown with "The Great Lie" (1941), directed by Edmund Goulding, with Bette Davis, Mary Astor and George Brent.

## Lectures

**Thursday**  
Oct. 10, 12:15 p.m. Uris 398. Western Societies Program brown bag lunch. Jacques Revel, Director d'Etudes, Ecole des Hautes Etudes en Sciences Sociales, will present "Norbert Elias' Process of Civilization: The Construction of Western Civilization in Europe from the 16th Century, Part III." Co-sponsored by the Society for the Humanities.

Oct. 10, 12:20 p.m. 102 West Ave. Ext. Southeast Asia Program: Takashi Shiraishi, Department of International Relations, University of Tokyo. Topic to be announced, Southeast Asian history.

Oct. 10, 7:30 p.m. Stimson G-1. "Starfish Distributions in California and Their Relationships to Ocean Currents," Dr. Florence McAlary, California Marine Science Center.

**Friday**  
Oct. 11, 12:15 p.m. Africana Studies and Research Center, Hoyt W. Fuller Room. Africana Roundtable: A Brown Bag Luncheon Discussion Series: "Behind the Nigerian Coup," Wolf Soyinka, Fellow, Society for the Humanities.

Oct. 11, 4 p.m. Goldwin Smith 134. Western Societies Program: "Speaking in Tongues: The Languages of Contemporary West Indian Poetry," J.E. Chamberlin, Principal, New College, University of Toronto. Co-sponsored by Africana Studies and the Society for the Humanities.

**Monday**  
Oct. 14, 4:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. University Lecture: "Wittgenstein on Mind and Brain," Norman Malcolm, Honorary Visiting Professor, King's College, London. Co-sponsored by

October							1985						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4	5						
6	7	8	9	10	11	12							
13	14	15	16	17	18	19							
20	21	22	23	24	25	26							
27	28	29	30	31									

Departments of Philosophy, Comparative Literature, English and Society for the Humanities.

Oct. 14, 7:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Women's Studies Program: "Violence Against the Female Body: A Lawyer's Perspective," Elizabeth Holtzman, Brooklyn District Attorney; Former U.S. Congressman.

**Tuesday**  
Oct. 15, 12:30 p.m. A.D. White House Library. Society for the Humanities: "Kleinian Analysis Today," Ruth Malcolm, Member of the British Psychoanalytical Society.

Oct. 15, 4:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Messenger Lecture Series: "Evolutionary Biology and Philosophy" Part I: "Is Biology and Automomous Science?" Ernst Mayr, Agassiz Professor, Emeritus, Museum of Comparative Zoology, Harvard University.

**Wednesday**  
Oct. 16, 11:15 a.m. Lincoln Hall 116. Southeast Asia Program Lecture-Demonstration of Vietnamese Music by Mr. Phony Nguyen.

Oct. 16, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. Messenger Lecture Series: "Evolutionary Biology and Philosophy" Part II: "What Have We Learned About Evolution Since Darwin?" Ernst Mayr, Agassiz Professor, Emeritus, Museum of Comparative Zoology, Harvard University.

Oct. 16, 4:30 p.m. Thurston Hall 205. "Development of a Large General Purpose Boundary Element System for Enelastic and Dynamic Analysis," Prasanta K. Banerjee, Professor of Civil Engineering, SUNY at Buffalo.

Oct. 16, 5 p.m. Goldwin Smith Kaufman Auditorium. "Apostrophe, Animation, and Abortion," Barbara Johnson, Harvard. Sponsored by Society for the Humanities.

Oct. 16, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "Spirituality, Femininity and World Community," Alice McDowell, Assistant Professor of Religion, Ithaca College.

**Thursday**  
Oct. 17, 4:30 p.m. Goldwin Smith Hollis Cornell Auditorium. Messenger Lecture Series: "Evolutionary Biology and Philosophy" Lecture III: Evolution and Ethics," Ernst Mayr, Agassiz Professor, Emeritus, Museum of Comparative Zoology, Harvard University.

Oct. 17, 9:30 AM. "Ecology and Genetics of Ice Nucleation-Active Bacteria in Plants Pertinent to Biological Control of Plant Frost Injury," Steven Lindow, University of California, Berkeley. Sponsored by the Plant Pathology Graduate Student Association, Biotechnology Program, Graduate Activities Funding Commission.

## Music

**Two Free Public Concerts**  
Free public concerts by Cornell graduate students will be offered by the music department at Barnes Hall Friday, Oct. 11, and Monday, Oct. 14.

At 8:15 p.m. Friday, Trevor Stephenson and Carl Blake will present a novel program of music for fortepiano fourhands. They will play duets by W. A. Mozart. Both performers are students of Professor Malcolm Bilson and are doctoral degree candidates at Cornell. Blake is a graduate of Boston University and San Jose State University. Stephenson holds degrees from the University of Missouri and University of Illinois.

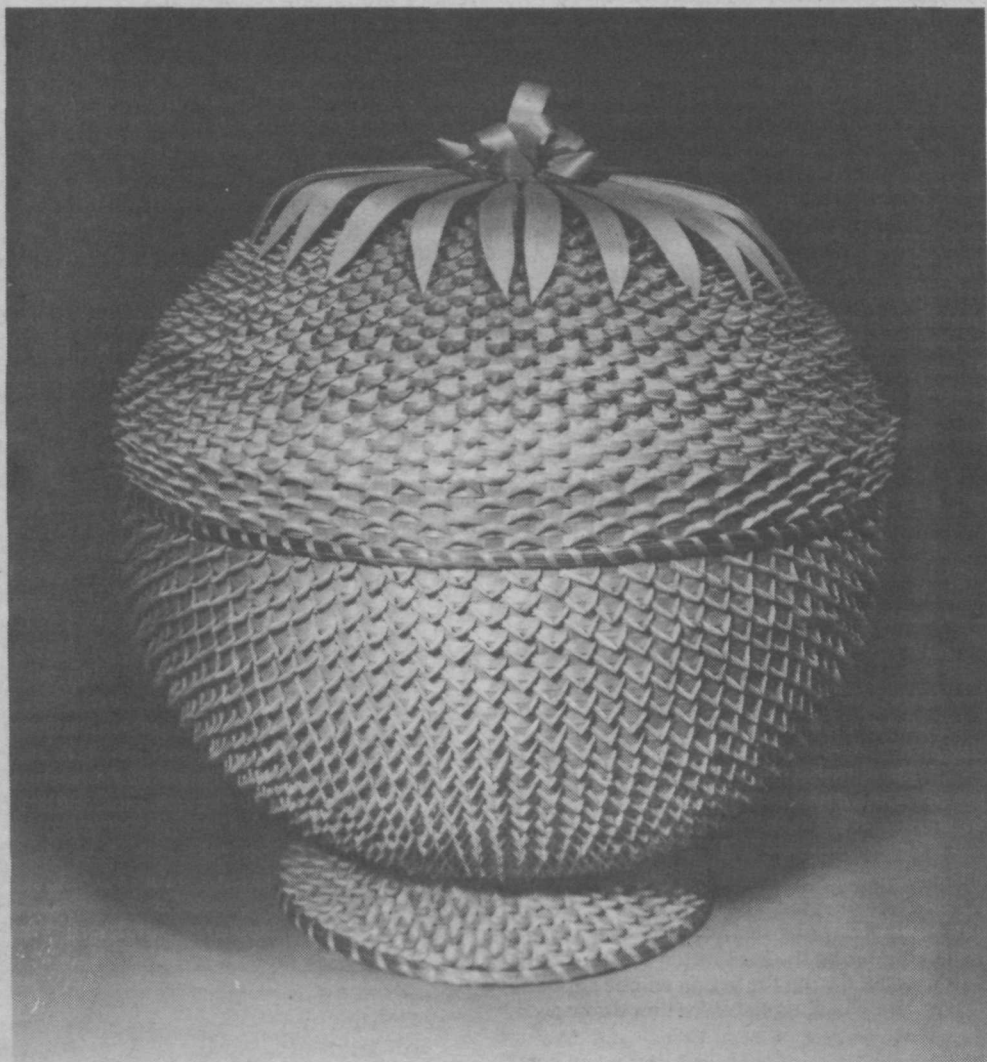
Music by two Cornell graduate composers will be presented at 8:15 p.m. Monday in partial fulfillment of the requirements for the degree Doctor of Musical Arts. They are Fred Cohen and Andrew Waggoner.

Works of Fred Cohen to be performed are Venetures (winds and strings), Solaris (for computer-generated tape), Trumpet Sonata, Shakespeare Sonnets and Four Kindergarten Songs (soprano and instruments). Cohen, a student of Professor Karel Husa, completed his undergraduate studies at the University of California, Santa Cruz.

Andrew Waggoner's instrumental chamber music works which will be heard are Nuptial (cello and piano), Early Autumn Knows Everything (violin and piano), Epitaph (small ensemble) and Duo for violin and cello. Waggoner, who graduated from the Eastman School of Music before coming to Cornell, is a composition student of Professor Steven Stucky.

**Pianist to Offer Recital**  
Pianist Cynthia Raim will present a free public recital at Barnes Hall at 4 p.m., Sunday, Oct. 13.

She will open her program with J. S. Bach's Partita in D Major, No. 4, followed by Sonata by Bela Bartok. She will also play the Variations on Theme of Corelli by Sergei Rachmaninoff and La Valse by Maurice Ravel, the last transcribed for

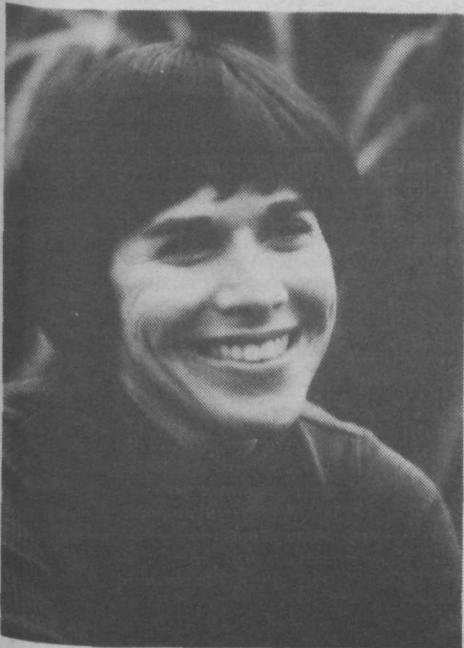


Thistle Weave Basket, done in 1984 using black ash splint and sweetgrass is one of the baskets on exhibit at the Johnson Museum through Oct. 27 as part of the exhibition "Teionkwahontasen: Basketmakers of Akwesasne."



piano by the composer.

Raim, who is currently a guest artist and teacher in the Cornell music department this term during Professor Malcolm Bilson's leave of absence, is based in the Philadelphia area. Raim made her debut at age nine with the Detroit Symphony, the youngest soloist ever in the orchestra's history to perform an entire concerto. Her teacher in her na-



Cynthia Raim

tive Detroit was Mischa Kottler. As a scholarship student at the Curtis Institute of Music, she studied with Rudolf Serkin and Mieczyslaw Horszowski. She won the J. S. Bach International Competition and the Three Rivers National Piano Competition before graduating in 1977, and she became the first American woman to win the prestigious First Prize at the Clara Haskil International Competition in Switzerland.

As orchestral soloist, she has performed in Detroit, New Orleans, Philadelphia, Hamburg, Vienna, Monte Carlo and Lucerne, among others. She has concertized extensively as a recitalist in major cities of the United States, Canada and Europe, and participated in music festivals such as Tanglewood, Marlboro, Lucerne and Montreux. A gifted chamber musician, she has also appeared in concert with soprano Benita Valente, violists Michael Tree and Samuel Rhodes, and the Guarneri Quartet.

This will be Raim's second concert appearance at Cornell. Last year she was chosen to present the inaugural recital on the Jeffrey Kovner Memorial piano in Barnes Hall which was a gift to the University.

#### Every Sunday

Anabel Taylor Edwards Room, 9 p.m. Sing with the "Makhele: Hebrew Choir."

#### Friday

Oct. 11, 8:15 p.m. Barnes Hall. Student Recital: Trevor Stephenson, Carl Blake, fortepiano four-hands, Mozart duets.

#### Sunday

Oct. 13, 4 p.m. Barnes Hall. Cynthia Raim, piano. Works of Bach, Bartok, Schumann, Ravel.

Oct. 13, 8-11 p.m. Anabel Taylor Commons Coffeehouse broadcast live on FM 93 WVBR featuring Peggy Haine and the Low-down Alligator Jass Band. Ithaca's own amazing traditional jazz band.

#### Monday

Oct. 14, 8:15 p.m. Barnes Hall. DMA Recital. Music of Fred Cohen and Andrew Waggoner.

#### Wednesday

Oct. 16, 8:15 p.m. Barnes Hall. Music of Vietnam: Phong Th. Nguyen, dan tranh; Kim-Oanh, accompanying instruments (Southeast Asia Program).

## Religious Events

#### Thursday

Oct. 10, 5 p.m. Anabel Taylor G-34. Student Struggle for Oppressed Jewry Meeting. Oct. 10, 7:30 p.m. Anabel Taylor G-34. "Akedah: The Binding of Isaac." Sponsored by Hillel.

#### Friday

Oct. 11, 7 p.m. Anabel Taylor One World Room. Hillel Shabbat Dinner. Please make reservations no later than the day before at 3 p.m. Affiliates \$4, Others \$6. The speaker is Professor Richard Polenber, History Dept. "Emma Goldman and other Jewish Anarchists" at 8:15 p.m.

#### Sunday

Oct. 13, 11 a.m. Anabel Taylor One World Room. Hillel Bruch with Rachel Siegel: "Jewish Mothers and Jewish American Princesses: Benign Humor or Sexist Antisemitism?" Workshop for Women following brunch 1-4 p.m.

#### Monday

Oct. 14, 7 p.m. Anabel Taylor Forum. "A Talmudic View of Modern Problems." Sponsored by Hillel.

#### Tuesday

Oct. 15, 8 p.m. Anabel Taylor Room 314.

"Basic Judaism." Sponsored by Hillel. Catholic

#### Fall Recess Mass Change

Sat., Oct. 19 Mass at 5 p.m.

Sun., Oct. 20 Mass at 10 a.m.

#### Protestant

#### Sunday

Oct. 13, 11 a.m. Sage Chapel Preacher: Locksley Edmondson, Africana Studies.

#### Sunday

Oct. 20 Fall Recess: No Sage Chapel Preacher.

## Seminars

Seminar notices, unlike other calendar notices, do NOT go to Central Reservations in Willard Straight, but should be delivered to the Chronicle office, 110 Day Hall, in writing by noon Friday before publication. Each notice can be run only once, so on Thursday events please note whether you wish it published the day of the event or the week before. Please include the name and telephone number of someone who can be reached if there are questions.

**African Development:** "Contending Approaches to African Development," Robert S. Browne, senior research fellow, African Studies and Research Program, Howard University, noon Thursday, Oct. 10, 105 ILR Conference Center.

**Applied Mathematics:** "Classification of Shifts of Finite Type," Brian Marcus, IBM, San Jose, 2:30 p.m. Friday, Oct. 11, 255 Olin Hall.

**Archaeology:** "Reports from the Field," Hirsch scholarship recipients will discuss fieldwork experiences in Britain, Chile, the Netherlands Antilles, Italy and New Mexico, 4:40 p.m. Thursday, Oct. 17, 305 McGraw.

**Biochemistry:** "Fibers of Sickle Hemoglobin: Structural Details, Functional Consequences and Therapeutic Implications," Stuart Edelstein, Cornell, 12:20 p.m. Monday, Oct. 14, 125 Riley Robb.

**Biophysics:** "Caged ATP in the Study of Active Socium Transport," Jack H. Kaplan, Physiology, University of Pennsylvania, 4:30 p.m. Wednesday, Oct. 16, 700 Clark Hall.

**Boyce Thompson Institute:** "Molecular Genetics of Sporulation in Aspergillus Nidulans," Margaret Boylan, Plant Pathology, University of California-Davis, 3:15 p.m. Wednesday, Oct. 16, BTI Auditorium.

**Chemical Engineering:** "Host-Plasmid Interactions in Recombinant Escherichia coli," Prof. James E. Bailey, California Institute of Technology, chemical engineering, 4:15 p.m. Wednesday, Oct. 16, Olin 145(A).

**Chemistry:** "Early Transition Metal Diorganophosphide Complexes and Unsaturated Early-Late Heterobimetallics," R. Tom Bakker, Dupont Central Research Laboratory, 4:40 p.m. Monday, Oct. 14, 119 Baker Laboratory.

**Chemistry:** "Toxic Chemicals: Regulating Exposure," Neil Orloff, director, Cornell University Center for Environmental Research, and professor of civil and environmental engineering, 4:40 p.m. Tuesday, Oct. 15, 119 Baker Laboratory.

**CISER:** "Uses of Qualitative Evidence in the Social Sciences: An Interdisciplinary Panel," Prof. Stephen Barley, ILR; Prof. Michael Kammen, History; Prof. Kathryn March, Anthropology; Prof. Frank Young, Rural Sociology, and Prof. Mitchell Abolafia, GSM, moderator, 4 p.m. Wednesday, Oct. 16, 213 Ives.

**Ecology and Systematics:** "Herbivore Size and Vegetation Through Time: Implications for Community Structure," Scott L. Wing, Paleobiology, National Museum of Natural History, Smithsonian Institution, 1:30 p.m. Friday, Oct. 11, Morison Seminar Room, A106 Corson/Mudd Halls.

**Floriculture and Ornamental Horticulture:** "William Robinson and the Wild Garden," Richard Iversen, F&OH graduate student, 12:15 p.m. Thursday, Oct. 17, 37 Plant Science.

**Genetics and Development:** "The Many Faces of recA Protein in Recombination and Replication," Dr. A. J. Clark, Molecular Biology, University of California, Berkeley, 4 p.m. Monday, Oct. 14, 135 Emerson Hall.

**Food Science:** "Role of the Food Industry in Meeting Optimum Nutritional Needs of Consumers," Dr. G. Leveille, Nutritional Research, General Foods Corp., 4:30 p.m. Tuesday, Oct. 15, 204 Stocking Hall.

**Geological Sciences:** "Quantitative Models for the Hydrodynamics of Ore Genesis in Sedimentary Basins," Grant Garven, The Johns Hopkins University, 4:30 p.m. Thursday, Oct. 17, 1120 Snee Hall.

**Geology:** Title to be Announced, Ronald Oxburgh, Cambridge University, 4:30 p.m. Tuesday, Oct. 15, 1120 Snee Hall.

**Government Documents:** Location of U.S. Government publications at Cornell, 7-10 p.m. Thursday, Oct. 10, 214 Olin Library. Repeated 3-5 p.m. Wednesday, Oct. 30 and 10 a.m. to noon Tuesday, Nov. 12.

**History and Philosophy of Science and Technology:** "Leibniz's Dynamics, or Will the Real Cartesian Please Stand Up?" Dr. Howard Bernstein, Yale, 4:35 p.m. Wednesday, Oct. 16, 165 McGraw Hall.

**International Nutrition:** "Agricultural Production and Food Consumption in Developing Countries," Norman E. Borlaug, International Maize and Wheat Development Center, Mexico, and Andrew D. White Professor at Large and Nobel Laureate, 12:40 p.m. Thursday, Oct. 10, 100 Savage Hall.

**Material Science and Engineering:** "Diffusion-Induced Grain Boundary Migration in Minerals," B. Evans, MIT, 4:30 p.m. Thursday, Oct. 17, 140 Bard Hall.

**Mechanical and Aerospace Engineering:** "A General Explanation of Quasi-Universal Structure of Wind-Wave Structure," Prof. Sergei Kiteagorodskii, The Johns Hopkins University, 4:30 p.m. Tuesday, Oct. 15, 282 Grumman.

**Microbiology:** "Methane Production from Acetic Acid: Novel Organisms, Novel Reactions," Dr. Stephen H. Ziner, Microbiology, Cornell, 4:30 p.m. Thursday, Oct. 10, 124 Stocking Hall.

**Neurobiology and Behavior:** "The Limits of Human Spatial Resolution," Dr. David Williams, Center for Visual Science, University of Rochester, 12:30 p.m. Thursday, Oct. 10, Morison Seminar room, Corson/Mudd Hall.

**Ornithology:** "Profiles of Loon Populations in the Northeast," Scott Sutcliffe, Laboratory of Ornithology, 7:45 p.m. Monday, Oct. 14, Laboratory of Ornithology, 159 Sapsucker Woods Road.

**Pharmacology:** "The Role of (several substances) in the Regulation of Cytosolic Free Calcium in Kidney Cells," Andre B. Borle, University of Pittsburgh School of Medicine, 4:30 p.m. Monday, Oct. 14, D-105 Schurman Hall.

**Physiology:** Title to be Announced, Dr. Peter Gluckman, University of Auckland, Auckland, New Zealand, 4:30 p.m. Tuesday, Oct. 15, G-3 Veterinary Research Tower.

**Plant Biology:** "Gibberellin-Enhanced Indoleacetic Acid Biosynthesis: Evidence that D-Tryptophan Is an Auxin Precursor," 11:15 a.m. Friday, Oct. 11, 404 Plant Science.

**Plant Breeding:** "Components and Inheritance of Slow Mildewing Resistance in Spring Wheat" and "The Virulence of Erysiphe graminis f. sp. tritici in New York and Genetics of Powdery Mildew Resistance in Wheat," Randy A. Hautea and Leon O. Namuco, graduate students, 12:20 p.m. Tuesday, Oct. 15, 135 Emerson Hall.

**Plant Pathology:** "Prospects for Control of Crown Gall of Grapevine," Thomas Burr, NY-SAES Geneva, 4:30 p.m. Tuesday, Oct. 15, 404 Plant Science.

**Plasma Studies:** "Simulations of Electron-Beam Excited Modes in the High-Altitude Magnetosphere," Mary Hudson, Dartmouth, 4:30 p.m. Wednesday, Oct. 16, 282 Grumman Hall.

**Pomology-Vegetable Crops:** "Long-Term Goals for Integrating Biotechnology into Production Agriculture," Brian Chabot, associate director of research, College of Agriculture and Life Sciences, 4:30 p.m. Thursday, Oct. 17, 404 Plant Science.

**Rural Sociology:** "Environmental 'Managerialism' in LDCs: The Need for a New Approach," Michael Redclift, Institute of Latin American Studies and Wye College, University of London, 3 p.m. Friday, Oct. 11, 32 Warren Hall.

**Statistics:** "Statistical Modelling of Stationary Random Fields Using the Cepstrum," Prof. Victor Solo, electrical engineering, Cornell, 3:30 p.m. Wednesday, Oct. 16, 100 Caldwell Hall.

**Textiles and Apparel:** "Vibracoustic Techniques for Measuring Size Variability in High Performance Fibers," Harold Robinson IV, 4:30 p.m. Tuesday, Oct. 15, 317 Van Rensselaer Hall.

**Theoretical and Applied Mechanics:** "Development of a Large General Purpose Boundary Element System for Inelastic and Dynamic Analysis," Prasanta K. Banerjee, civil engineering, SUNY Buffalo, 4:30 p.m. Wednesday, Oct. 16, 205 Thurston Hall.

**Western Societies:** "Thatcherism: Its Meaning and Consequences in British Politics," Hon. Barry Sheerman, Labour Member of Parliament, Huddersfield, U.K., 4:15 p.m. Thursday, Oct. 10, Goldwin Smith Room D (co-sponsored by Cornell Abroad).

## Theatre

#### Thurs.-Sat.

Oct. 10-12, 8 p.m. "Willard Straight Theatre; Theatre Cornell presents "The Trials of Brother Jero" and "Jero's Metamorphosis" directed by David Feldshuh. Season subscriptions are available now. Prices range from \$14 to \$21. For information please call 256-5165.

## Rhodes Co-Host of Regional Trade/Technology Conference

President Frank Rhodes was a co-host for a regional conference in Pittsburgh last Friday that examined technology, trade and international economic competition.

Those attending the conference, titled "Strengthening U.S. Competitiveness in Global Markets," included 12 Congressmen, 10 business executives, and four educators.

The session was sponsored by the Northeast-Midwest Congressional Coalition, the Congressional Clearinghouse on the Future, and the Business-Higher Education Forum.

The Pittsburgh conference, the second of four regional meetings held to discuss ways to enhance the United States' economic competitiveness, focused on competition in high-technology fields. A national conference will be held in April 1986.

Douglas D. Danforth, chairman and chief executive officer of the Westinghouse Electric Corp., was host for the Pittsburgh meeting. Rhodes and Rep. Bob Edgar (D-PA)

## Graduate Bulletin

Late initial course registration and course additions are still possible upon payment of a \$10 processing fee. The deadline for dropping courses and changing the grade option is Oct. 25. After that date, a special petition will be required for adds, drops, or changes of any kind, in addition to the \$10 late processing fee.

Nov. 15 is the deadline for applications for the National Science Foundation 1986-87 Graduate Fellowships. Awards are made in the areas of mathematical, physical, biological, engineering, social sciences and the history and philosophy of science. Applicants must be citizens or nationals of the United States at the time of application, who have not completed postbaccalaureate study in excess of 30 quarter hours or 20 semester hours or equivalent, in any field of science, engineering, social science, or mathematics. Recipients must be enrolled in master's or doctoral degree programs. Awards are for a period of three years, and provide a 12-month stipend of \$11,100 plus a cost of education allowance to Cornell of \$6,000 in lieu of all tuition costs. Renewal in the second and third years is subject to satisfactory academic progress and the availability of appropriated funds for continued support. Awards are not made in clinical, law, education, or business fields, in history or social work, for work leading to medical, dental, or public health degrees. Applications are available at the Graduate Fellowship Office, 116 Sage Graduate Center.

Nov. 15 is also the deadline for applications for the National Science Foundation 1986-87 Graduate Minority Fellowships. The criteria are same as those for the NSF Graduate Fellowships. In addition, applicants must be members of one of the following ethnic minority groups: American Indian, Black, Hispanic, Native Alaskan (Eskimo or Aleut), or Native Pacific Islander (Polynesian or Micronesian).

Applications for both NSF fellowships are available in the Graduate Fellowship Office, 116 Sage Graduate Center. Also available are applications for the Ford Foundation Doctoral Fellowships for Minorities, deadline, November 15, 1985; Fannie and John Hertz Foundation Graduate Fellowships, deadline, Nov. 1, 1985; and the Herbert H. Lehman Graduate Fellowships, deadline, March 12, 1986.

## Barton Blotter

There were 25 thefts totaling \$3,761 in loss of cash and valuables on campus during the seven-day period Sept. 30 through Oct. 6, according to the morning reports of the Department of Public Safety.

In addition to the thefts, there were several cases of criminal mischief reported including \$2,500 in damage to five plexiglass panes — possibly with a pellet pistol — at the Gannett Health Clinic.

Thefts included a \$500 wheelchair taken from Gannett clinic, \$585 in jewelry taken from the upper Alumni Field area, an \$850 video cassette recorder stolen from Mary Donlon Hall, and two radar detectors valued at a total of \$380 taken from parked cars on campus.

License plates were taken from five cars parked on Kite Hill, Saturday, Sept. 28. Also reported stolen were four fire extinguishers, valued at a total of \$152: two from Helen Newman Laboratory, one from Baker Tower and another from University Hall No. 4. A vending machine at Statler Inn was broken into and \$280.10 taken.

In addition, \$95 in tools were reported taken from Anna Comstock Hall and a \$250 motorcycle was reported stolen from Chi Phi parking area.

One person was referred to the Judicial Administrator on a charge of possessing a stolen bottle of gin. Another person was charged with driving while intoxicated and third was arrested for driving a vehicle with a revoked driver's license.

were co-hosts.

Among the topics explored at the conference were the trade and investment practices of other nations, including export requirements, safety and certification procedures, and local-content requirements; American laws and administrative practices that diminish technology-based competitiveness, including domestic antitrust policy, tax policies, and uncertainty over which technologies can be exported; and international rules governing protection of intellectual property rights and their ineffectiveness in preventing the counterfeiting and copying of U.S. products.



Number 40

**Cornell University****University Personnel Services****Day Hall****Ithaca, New York 14853****607/256-5226****Please Note:**

Job Opportunities is a publication of Staffing Services and is distributed each Thursday through the Cornell Chronicle.

Job Opportunities lists current vacancies within the University, consistent with the University's commitment to promotion from within, affirmative action, and equal opportunity employment.

Applications for employment are available at Cornell University's employment office at East Hill Plaza at the intersection of Ellis Hollow Road and Judd Falls Road in Ithaca, from 9:00 a.m. to 12:00 noon, Monday through Friday. Applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca, N.Y. 14853. For more information on jobs listed, contact Staffing Services (607) 256-5226.

**Employee Transfer Applications:** Employees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit them to Staffing Services. Individuals with official University layoff status will be given preference in referrals.

This listing is also available on CUINFO

Cornell University's computerized information service. For further CUINFO details, contact the Information and Referral Center at 256-6200 or Computer Services.

New vacancies are listed for two weeks in Job Opportunities.

\*Asterisks identify jobs that were not listed last week.

Full-time jobs are 39 hours per week unless otherwise indicated. Jobs listed as SO, U1 and U2 are represented by bargaining units.

**Position:** Research Support Aide  
**Department:** Agricultural Engineering  
**Description:** Plan, design and execute experiments relating to the use of biomass for energy production. Will control anaerobic fermentation experiments using manure and crop residues. Will maintain and operate laboratory instruments particularly gas chromatography units and solids analysis equipment; prepare reports and maintain laboratory.

**Requirements:** Bachelor's degree or equivalent in engineering or a related science. One to three years experience in biology—chemistry laboratory. Thorough familiarity with gas chromatography. Please send cover letter and resume to Cynthia Smithbower.

**Minimum Starting Salary:** \$13,625  
**Job Number:** PT379

**Position:** Senior Electrical Engineer  
**Department:** Facilities Engineering  
**Description:** Direct the design and preparation of cost estimates, drawings, specifications and construction documents for maintenance, repair, and alteration projects that relate to electrical projects.

**Requirements:** Bachelor's degree in Electrical Engineering (BSEE) and 2 years experience with indoor—outdoor lighting, power systems, and fire alarm design required. Familiarity with building codes and sound construction practices necessary. Please submit cover letter and resume to Ralph D. Jones.

**Job Number:** PA355

**Clerical**

Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants for clerical positions should submit an employment application, resume and take a Cornell University typing test (please contact the receptionist at 256-5226 for an appointment). Applications and resumes typically remain active for three months; typing test scores remain on file for one year. The clerical section uses an automatic referral system; applicants are referred to positions for which they are considered qualified and competitive. Unless otherwise advertised, requests to be referred to a specific position will not be accepted. Applicants who are referred to a department for review will be contacted by the department if an interview is necessary.

**NOTE:** Outside applicants with training and/or experience in the following areas are encouraged to apply: typing, word processing, data entry and accounting.

\***Position:** Administrative Aide, GR21

**Department:** University Relations

**Description:** Provide administrative support to the Director of University Relations and the administrative supervisor, requiring independent decision making and a high level of confidentiality. Supervise administrative aide and secretary within News Service as well as work study students; determine—organize priorities for proper work flow; type correspondence, confidential news releases and statements.

**Requirements:** Associate's degree or equivalent years of experience. Medium typing. Minimum 2 to 3 years secretarial—administrative experience. Very strong interpersonal and communication skills. Ability to independently answer a variety of diverse questions regarding Cornell in a positive manner, either in person or by phone. IBM Displaywriter or AT&T PC experience.

**Minimum Starting Salary:** \$12,968  
**Job Number:** C4013

\***Position:** Secretary, GR20

**Department:** Public Affairs Regional Office - Cleveland, Ohio - Off Campus

**Description:** Type correspondence, forms, vouchers and other materials; keep records; provide file maintenance; receptionist support; handle meeting and travel arrangements for Director of North Central Regional Offices; handle special projects as needed; interaction via phone and in person with alumni.

**Requirements:** High school diploma or equivalent. Secretarial school desirable. Medium typing. Minimum two to three years secretarial experience. Good organizational and interpersonal skills. Excellent communication (written and oral) skills. Ability to work independently. Ability to use IBM XT or equivalent desirable.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C405

\***Position:** Accounts Assistant, GR20

**Department:** School of Hotel Administration

**Description:** Maintain and control the daily payroll operations for approximately 125 academic, exempt and non-exempt regular staff and approximately 400 students employees in the School of Hotel Administration. Responsible for coordinating appointments with the School of Hotel Administration personnel office; process and analyze payroll expenses; develop and maintain a computerized payroll data base to generate management reports.

**Requirements:** Associate's degree or equivalent in business management, accounting or related field. Knowledge of the University accounting payroll system. Ability to operate a WANG computer with LOTUS '1-2-3.' Strong organization and communication skills are essential. Ability and motivation to develop accounting analyses skills.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C4010

\***Position:** Office Assistant, GR19.

**Department:** Veterinary Medical Teaching Hospital

**Description:** Responsible for coordinating the activities of a Veterinary Clinic Laboratory. Involves accessioning samples into a computer system; enter results; distribute samples to appropriate areas; solve problems relating to processing of samples and results; some preparation of samples for tests; review computer reports; act as a critical

Please Post

October 10, 1985

# Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

**Administrative/Professional**

\***Position:** Applications Programmer—Analyst II

**Department:** Vice President for Campus Affairs  
**Description:** Under direct supervision, design, develop, modify, maintain and document approved computer applications as needed for the Division of Campus Life departments.

**Requirements:** Bachelor's degree or equivalent with computer-related courses. One to three years related experience. Working knowledge of applications for batch and—or interactive systems, JCL, machine architecture, data-base management systems, e.g. ADABAS, dbase, and system utility programs is necessary. Two programming languages required: PL—1, Natural, COBOL, PASCAL, BASIC. Please submit cover letter and resume to Cynthia Smithbower by October 25, 1985.

**Minimum Starting Salary:** \$18,000  
**Job Number:** PT473

\***Position:** Accountant II

**Department:** Statler Inn

**Description:** Responsible for the accurate and timely recording and reporting of financial information for the Statler Inn, Statler Club and the Statler Auditorium. Supervision of the accounting staff (10 employees).

**Requirements:** Bachelor's degree in accounting required; CPA or MBA desirable. Four to six years experience with diversified accounting and computer systems. Minimum 2 years staff supervisory responsibilities. Knowledge of Cornell accounting system desirable. Knowledge of hotel accounting procedures helpful. Please send cover letter and resume to Esther L. Smith by October 18, 1985.

**Job Number:** PC404

\***Position:** Executive Staff Assistant I

**Department:** Human Service Studies

**Description:** Administration and financial management of Social Service Training project. Conceptualization and preparation of proposal budgets; plan and monitor expenditures; interview, supervise and evaluate support staff; edit and report writing; liaison with college and university offices including F&BO and OSP. Full-time, regular until September 30, 1985; renewal contingent upon funding.

**Requirements:** Bachelor's degree in social sciences. Strong organization skills and interpersonal skills. Familiar with Operating and Analysis Statements. Knowledge of Cornell accounting essential. Experience in preparing a budget highly desirable. Please send cover letter and resume to Esther L. Smith by October 18, 1985.

**Job Number:** PC401

\***Position:** Personnel Associate I

**Department:** Theory Center

**Description:** Assist in administration of all personnel activities of Theory Center, including recruitment, maintaining records, employee evaluation and classification recommendations, implementation of office procedures and training, supervision of clerical support staff.

**Requirements:** BA, BS or equivalent administrative experience. Excellent verbal and written communication skills and organizational skills required. Familiarity with University resources and procedures (e.g. accounting, personnel procedures, benefits, etc.) Use of microcomputer and appropriate software helpful.

Please send cover letter and resume to Patricia Hutton.

**Minimum Starting Salary:** 14,170  
**Job number:** P406

\***Position:** Senior Systems Programmer (Repost)

**Department:** Theory Center

**Description:** Provide, under general supervision, systems support to an advanced graphics laboratory. Primary responsibility will be participation in the development of a UNIX-based scientific workstation to be used in conjunction with the Cornell supercomputer facility. Will design, implement, and evaluate low-level software such as kernel modifications, device drivers, and distributed processing communication protocols. Opportunity to work on higher level software.

**Requirements:** Bachelor's degree or equivalent with related computer courses. Three to five years experience. Strong background in UNIX, C, and Assembly. Please send cover letter and resume to Cynthia Smithbower.

**Job Number:** PT124

\***Position:** Senior Technical Consultant (Repost)

**Department:** Computer Services - Academic Computing

**Description:** Provide teaching and consulting support for statistical computing applications. Consult on the use of statistical methods; help users interpret statistical results. Diagnose problems users may have with hardware and software; help users select hardware and software configurations that are suitable for their data analysis needs.

**Requirements:** Master's degree in statistics or related area or equivalent. Extensive coursework and—or experience applying statistical methods to social science research applications preferred. Programming experience to include at least one high level language; expertise in a variety of mainframe and microcomputer statistics packages; proficiency in CMS, MVS, and DOS. Please send cover letter and resume to Cynthia Smithbower.

**Job Number:** PT317

\***Position:** Health Associate I (Repost)

**Department:** University Health Services

**Description:** Using health assoc-physician approved guidelines, provide primary health care to University students, faculty and staff members. Emphasis is placed on continuity of care, health education, health maintenance and preventive care.

**Requirements:** NYS RN-PA license and graduate of an accredited NP-PA program required. Experience and professional certification preferred. Please send cover letter and resume to Ralph D. Jones.

**Job Number:** PA326

\***Position:** Executive Staff Assistant I (Repost)

**Department:** Center for Radiophysics and Space Research

**Description:** Provide administrative support to the Director of Planetary Studies. Handle correspondence; telephone calls; act as contact person for members of the scientific community, government officials and government agencies, the national and international press, radio and television network officials; arrange the Director's schedule; be responsible for his lectures, meetings and public appearances; handle official visits by the press or other news media, by government officials etc. to the office and laboratories of the Director of Planetary Studies. Type correspondence and scientific papers, including scientific proposals; supervise student employees.

**Requirements:** Bachelor's degree or equivalent. Excellent administrative—secretarial skills (including knowledge of word processors). Some knowledge of foreign languages useful. Experience with the news media very helpful. Supervisory skills important. Excellent organizational, interpersonal and communication (written and oral) skills. Confidentiality essential. Please submit cover letter and resume to Esther L. Smith.

**Job Number:** PC341

\***Position:** Staff Writer II (Repost)

**Department:** University Development

**Description:** Create and write promotional brochures, articles, proposals and letters related to fund raising and—or public relations. Carry out special communication assignments and develop communication strategies working with various University faculty and staff.

**Requirements:** Bachelor's degree in English, journalism, marketing or communication arts or equivalent. Minimum one year experience as a writer in fund raising, advertising, public relations or higher education. Please send cover letter, resume and writing sample to Esther L. Smith.

**Minimum Starting Salary:** \$14,170  
**Job Number:** PC375

**Position:** Marketing Director

**Department:** C.U. Press

**Description:** Direct marketing program of Cornell University Press including domestic and international sales force, advertising, direct mail, and promotion programs.

**Requirements:** Bachelor's degree or equivalent. Minimum five years' experience in publishing, marketing and—or sales. Managerial experience required. Please send cover letter and resume to Ralph D. Jones by October 17, 1985.

**Job Number:** PA395

**Position:** Assistant Director, Foundation Relations

**Department:** University Development

**Description:** Assist the Director in the development and management of the University's relationship with private foundations. Coordi-

nates initiatives with staff, faculty, alumni and foundation officers designed to increase support for the University from private foundations. Assist in the overall coordination of a broad range of non-individual fund raising programs at Cornell University.

**Requirements:** Bachelor's degree and knowledge of private foundations or other fund raising experience necessary. Demonstrated strong communication and interpersonal skills and knowledge of major research university highly desired. Travel required. Some knowledge of computerized records keeping and word processing. Please send cover letter, resume and writing sample to Ralph D. Jones.

**Job Number:** PA386

**Position:** Accountant I

**Department:** Electrical Engineering

**Description:** Work on special projects such as developing school budgets and rates for internal charges of services and supplies. Prepare and monitor accounting transactions and status reports for sponsored research accounts using Cornell's accounting system and IBM XT. One year position from appointment date.

**Requirements:** Bachelor's degree in accounting or related area. Minimum 3 to 5 years financial experience. Familiarity with Cornell's accounting system. Experience with IBM XT, Lotus 123, dBase III essential. Excellent analytical, organizational, and interpersonal skills. Please send cover letter and resume to Esther L. Smith.

**Job Number:** PC385

**Position:** Publications - Graphic Designer

**Department:** Media Services

**Description:** Plan, design, execute publications and other graphic design and interpret clients' requirements. Includes layout, mechanical preparation, type specs, some art direction with freelancers, checking proofs, etc.

**Requirements:** Bachelor of Fine Arts in design communications, or equivalent professional design experience. Two to three years professional work experience. Hands on experience in commercial or educational institution. Understand typography, photography, printing and production processes. Please send cover letter and resume to Ralph D. Jones.

**Job Number:** PA384

**Position:** Custodial Services Supervisor

**Department:** Building Care

**Description:** Supervise staff of 10 or more custodians who work in an assigned area involving multiple buildings on Endowed campus. Participate in personnel actions including performance appraisals, hiring, disciplinary actions, etc. Interface with building users in promoting and insuring high quality of service as provided by departments. Monday - Friday, 6:00 am - 2:30 pm.

**Requirements:** High school diploma or equivalent; Associate's degree preferred. Considerable experience in custodial field; proven supervisory skills essential. Strong interpersonal and written and oral communications skills required. Ability to work under pressure. Please send cover letter and resume to J. Courtney Fletcher.

**Minimum Starting Salary:** \$14,170  
**Job Number:** PS383

**Position:** Applications Programmer III  
**Department:** Mechanical & Aerospace Engineering

**Description:** Development and integration of a large CAD—CAM system for mold design and manufacture.

**Requirements:** Bachelor's or Master's degree or equivalent. Programming experience in FORTRAN and other highlevel languages. Considerable knowledge of interactive computer programs, computer graphics, data base and computer architecture desirable. Please send cover letter and resume to Cynthia Smithbower.

**Job Number:** PT3714

**Position:** Research Support Specialist I

**Department:** Textiles & Apparel

**Description:** Assist in experimental design, experimentation, analysis of data and publishing of research in analytical—environmental chemistry.

**Requirements:** Bachelor's degree in chemistry or related field; Master's degree preferred. Some experience with chromatography and analytical methods. Must have mathematical skills. Experience with microcomputers desirable. Please send cover letter and resume to Cynthia Smithbower.

**Minimum Starting Salary:** \$15,000  
**Job Number:** PT376



communication link between this and other laboratories, and those who submit samples for tests. Other clerical duties as assigned.

**Requirements:** Associate's degree or equivalent preferred. Light typing. Familiarity with medical terminology, the procedures in a clinical laboratory important. Experience with computer highly desirable. Familiarity with typewriter keyboard. Strong interpersonal skills essential. Ability to work independently.

**Minimum Starting Salary:** \$11,570  
**Job Number:** C403

**\*Position:** Administrative Secretary GR19  
**Department:** Romance Studies  
**Description:** Provide secretarial support to Graduate Field Representative, faculty and Administrative Supervisor. Maintain and create files; arrange meetings; type correspondence, manuscripts, class materials, etc.; answer phone. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Minimum 3 years office experience. Excellent interpersonal and communication skills. Cornell experience desired. Previous experience with IBM word processor or other computers.

**Minimum Starting Salary:** \$11,570  
**Job Number:** C4012

**\*Position:** Secretary, GR18  
**Department:** Clinical Sciences - Medicine Section  
**Description:** Provide support for the Administrative Supervisor and Data Analyst in the Medicine section of the Department of Clinical Sciences. Word processing; assist in organizing references and accounts of the section (computer-based records); travel arrangements; library searches. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Heavy typing. Some coursework in business and/or accounting desirable. Office—accounting experience desirable. Typing using IBM Displaywriter and IBM PC. Excellent office, communication, interpersonal and organizational skills. Ability to work independently.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C406

**\*Position:** Accounts Assistant, GR18  
**Department:** Statler Inn  
**Description:** Enter member and departmental charges on WANG computer; bill, collect and maintain city ledger accounts.

**Requirements:** High school diploma or equivalent. Medium typing. Minimum 1 to 2 years accounting experience. Ability to operate office machines. Experience with computers required.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C408

**\*Position:** Secretary, GR18  
**Department:** Natural Resources  
**Description:** Responsible for all secretarial and clerical activities of the Human Dimensions Group. Type and edit correspondence, research reports, proposals and questionnaires; organize and maintain units of names and addresses for mail surveys; answer phone; schedule appointments and mailings. Other duties as assigned.

**Requirements:** High school diploma or equivalent. Secretarial school desirable. Heavy typing. Previous secretarial experience. Excellent organizational, interpersonal and communication skills.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C407

**\*Position:** Secretary, GR18 (Repost)  
**Department:** Office of Equal Opportunity  
**Description:** Provide secretarial and receptionist support. Type correspondence, reports, statistical information; process mail; operate copy machines; coordinate applicant flow materials and file; send out pre-employment data cards and reports; do payroll for work-study students.

**Requirements:** High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Some secretarial experience. Strong organizational, interpersonal and telephone skills. Word processing experience and knowledge of WANG helpful. Knowledge of Cornell procedures preferred.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C2310

**\*Position:** Records Assistant, GR16  
**Department:** Mann Library  
**Description:** Records receipt of serial publications and performs related serial maintenance activities; process government depository documents; type forms for gift material; input data into RLIN database; process theses and compile department statistics.

**Requirements:** High school diploma or equivalent. Medium typing. Ability to do detailed work accurately and quickly. Some previous library experience desirable.

**Minimum Starting Salary:** \$9,874  
**Job Number:** C409

**\*Position:** Secretary (Repost)  
**Department:** Boyce Thompson Institute for Plant Research (Contact department directly - see below)  
**Description:** Type manuscripts, proposals, correspondence, reports, etc. for a group of scientists. Assist at switchboard and perform other duties as assigned.

**Requirements:** High school diploma or equivalent. Excellent typing skills; ability to read various handwritings, and good proofreading skills. Word processing experience necessary; IBM PC experience helpful. Ability to work pleasantly and cooperatively with many different people.

**Minimum Starting Salary:** \$10,500  
**Job Number:** C355  
**Contact:** Greta Colavito, Boyce Thompson Institute, 257-2030.

**\*Position:** Research Aide, GR20 (Repost)  
**Department:** CRSR - Center for Radiophysics & Space Research

**Description:** Responsible for a broad range of technical duties including library research some computations on hand calculators and small computers; typing scientific papers purchase orders, vouchers; government grant-related work; composing, filing and mailing of a heavy volume of correspondence; supervision of work-study student(s); maintaining records of professional organizations; journal subscriptions, book orders; travel arrangements and travel reimbursements.

**Requirements:** Heavy typing. Excellent typing skills with substantial experience with scientific and technical texts are required. Experience with word processors (if possible Micom) is highly desirable. Knowledge of the Cornell library system and experience in library research are desirable. Excellent organizational, communication and interpersonal skills are essential. Please send cover letter and resume to Esther L. Smith.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C331

**Position:** Administrative Aide, GR22  
**Department:** Classics  
**Description:** Provide administrative support for the Department Chairman. Prepare department budget; maintain accounts, payroll and appointment procedures; record keeping; supervision of department staff. Other duties as assigned.

**Requirements:** Associate's degree or equivalent. Light typing. Minimum 3 to 5 years administrative—secretarial support experience. Cornell accounting experience essential. Ability to work independently. Excellent verbal and written communications skills essential. Prior supervisory experience helpful. Knowledge of IBM word processor and personal computers helpful but not essential. Confidentiality essential.

**Minimum Starting Salary:** \$13,667  
**Job Number:** C398

**Position:** Administrative Aide, GR20  
**Department:** Johnson Graduate School of Management  
**Description:** Coordinate and execute all business aspects of the annual fund raising campaign. Plan, implement and supervise all phanotohns; coordinate all aspects of a direct mail campaign - over 20,000 pieces per year. Some travel involved.

**Requirements:** Associate's degree or equivalent. Medium typing. Minimum 1 to 3 years administrative—secretarial experience. Strong communication skills. Familiarity with fund raising and computers helpful.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C394

**Position:** Secretary, GR20  
**Department:** Computer Science  
**Description:** Primary technical secretary responsible for the training and support staff on the department computer system. Maintain administrative and bookkeeping functions for the computer facility including recordkeeping; system dumps; user accounts; provide secretarial support for CER facility and some senior faculty.

**Requirements:** Associate's degree or equivalent. Heavy typing. Technical typing essential. Computer text editing helpful. Some office experience preferably in a college or university setting. Supervisory or training skills necessary. Bookkeeping skills helpful. Excellent organizational skills.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C3915

**Position:** Senior Special Collections Assistant, GR20  
**Department:** Wason - Olin Library  
**Description:** Assist to Wason Curator. Responsible for operation of Wason Reading room, including training and supervision of student assistants and maintenance of card catalogs; provide general clerical support for department; maintain records and necessary files; do pre-acquisition searching of Western language materials; serve as liaison to other library departments.

**Requirements:** Bachelor's degree or equivalent experience required. Light typing. Good communication skills and ability to interact effectively with diverse public as well as other library staff. Previous library experience (including searching) preferred. Fluent English and excellent reading knowledge of one or more European languages essential; reading knowledge of Chinese and/or Japanese desirable.

**Minimum Starting Salary:** \$12,209  
**Job Number:** C3910

**Position:** Secretary, GR19  
**Department:** Theory Center  
**Description:** Focal point for user interface and referral to distributed Consultants. Documentations expert and training workshop coordinator; responsible for preparation of scientific abstracts and handling of confidential computer allocations and corporate negotiations.

**Requirements:** Associate's degree or equivalent. Medium typing. Knowledge of IBM-PC or comparable word processor experience desirable. Good writing skills. Experience typing technical—scientific material. Ability to handle confidential material essential.

**Minimum Starting Salary:** \$11,570  
**Job Number:** C357

**Position:** Office Assistant, GR19  
**Department:** Sponsored Programs  
**Description:** Provide administrative and secretarial support in the Office of Sponsored Programs. Type; update office records; handle and controlling a great deal of detail; maintain files; assist in general areas of grant and contract administration.

**Requirements:** High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum 1 to 3 years secretarial experience. Good organizational skills. Strong interpersonal and communication skills. Cornell experience helpful.

**Minimum Starting Salary:** \$11,570  
**Job Number:** C392

**Position:** Accounts Assistant, GR19  
**Department:** Floriculture & Ornamental Horticulture  
**Description:** Provide clerical and accounting support to the Department's Administrative Manager and Chairman. Assist with purchasing; prepare vouchers, requisitions, and travel forms; budget preparation; analysis of accounts; maintenance of payroll records. Other duties as assigned.

**Requirements:** Associate's degree in business or equivalent. Medium typing. Excellent accounting skills. Computer competency required, familiar with Lotus 1-2-3. Previous experience with word processor and calculator required. Some institutional business experience desirable.

**Minimum Starting Salary:** \$11,570  
**Job Number:** C3912

**Position:** Secretary, GR18  
**Department:** Johnson Graduate School of Management  
**Description:** Provide secretarial support for several department faculty involved with teaching and research. Answer and route phone calls; type correspondence, manuscripts, class and examination materials, reports and research proposals, and travel requisitions; arrange travel accommodations and meetings; coordinate weekly seminars and workshops; place orders.

**Requirements:** High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Minimum 1 to 2 years secretarial experience. Excellent typing, grammar and spelling. Previous word processing experience desired, willingness to learn MASS-11 word processor.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C3917

**Position:** Secretary, GR18  
**Department:** Theory Center  
**Description:** General secretarial duties along with creation and maintenance of Theory Center files and databases. Compile reports from database information; maintenance of user manual library with responsibility for bookkeeping and inventory control of manuals sold to users.

**Requirements:** High school diploma or equivalent. Secretarial school preferred. Medium typing. Minimum 1 to 3 years secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Familiarity with IBM-PC or similar word processing experience desirable.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C391

**Position:** Searcher, GR18  
**Department:** Serials - Olin Library  
**Description:** Perform pre-order and pre-catalog searching for serial publications; material searched includes new receipts, title changes and titles requiring recataloging.

**Requirements:** Associate's degree or equivalent. Light typing. Accuracy in detailed work. Previous library experience helpful.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C3913

**Position:** Secretary, GR18  
**Department:** Plant Breeding and Biometry  
**Description:** Type technical manuscripts, course materials and correspondence for faculty in biometrics unit using word processor; answer telephone; run photocopies; process orders for publications.

**Requirements:** High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Several years typing experience. Ability to work independently.

**Minimum Starting Salary:** \$10,920  
**Job Number:** C369

**Position:** Office Assistant, GR17  
**Department:** Purchasing  
**Description:** Process and type requisitions and invoices; maintain records, assist departments, vendors and accounting office with problems relating to orders.

**Requirements:** High school diploma in business or equivalent. Light typing. Accounting and typing skills. Minimum 1 year office experience. Legible handwriting essential. Good organizational skills.

**Minimum Starting Salary:** \$10,366  
**Job Number:** C295

**Position:** Office Assistant—Receptionist, GR17  
**Department:** Purchasing  
**Description:** Receptionist for department. Greet and direct sales representatives and visitors; answer and refer incoming calls on Com-Key answering station; process incoming and outgoing U.S. and Campus mail; file in pendaflex.

**Requirements:** High school diploma or equivalent. Experience with Com-Key or similar answering stations preferred. Some knowledge of Cornell helpful. Good interpersonal skills. Legible handwriting essential.

**Minimum Starting Salary:** \$10,366  
**Job Number:** C396

**Position:** Office Assistant, GR17  
**Department:** University Admissions Office  
**Description:** Process applications for the Central Admissions Department. processing involves data entry of forms; alphabetizing; filing; mailings. Other clerical duties as assigned.

**Requirements:** High school diploma or equivalent. Medium typing. Ability to use a computer terminal, work under pressure, and handle a large volume of material.

**Minimum Starting Salary:** \$10,366  
**Job Number:** C393

## General Service

**\*Position:** University Service Officer, GR21  
**Department:** Public Safety  
**Description:** Responsibilities include prevention and detection of criminal behavior; external and

internal patrol of University property within his/her area for fire, safety and crime hazards; enforcement of parking regulations occurring on the property of Cornell University.

**Requirements:** High school diploma or equivalent. Further formal education, training and/or experience in the law enforcement field preferred. Satisfactory completion of basic University Service Officer training. Knowledge of Cornell University rules and regulations; U.S. citizenship; eyesight 20—40 corrected to 20—20; no record of convictions other than minor traffic infractions; NYS driver's license; ability to obtain a NYS pistol permit within 90 days of employment. Must pass physical examination.

**Minimum Starting Salary:** \$6.06—hour  
**Job Number:** S403

**\*Position:** Custodian, SO16  
**Department:** Residence Life - Endowed  
**Description:** Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday, 7:30 - 4:00 pm; Friday, 7:30 - 3:00 pm.

**Requirements:** Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

**Minimum Starting Salary:** \$4.84—hour  
**Job Number:** S401

**Position:** Animal Technician, GR18 (Two positions)  
**Department:** Laboratory Animal Services  
**Description:** Responsible for daily care of laboratory animals, including proper care and feeding, providing fresh water and exercise, and the general cleaning and maintenance of cages, pens and environment. Maintain Laboratory Animal Identification, inventories and breeding records. Responsible for carrying out assignment duties. 5 days per week, 7.8 hours per day including weekends.

**Requirements:** High school diploma or equivalent required. Associate's degree in animal science preferred. Animal handling experience desirable. Assistant Animal Certification helpful. Must be in good physical condition; able to lift 50 lbs. Pre-employment physical required.

**Minimum Starting Salary:** \$10,920  
**Job Numbers:** S395, S396

**Position:** Sales Assistant, GR21  
**Department:** Campus Store (Entrepot)  
**Description:** Under general supervision, assist Store Manager with overall administrative functions including, but not limited to, the planning of operating budget, training, and supervision. Open and close store as necessary including nights and weekends. Hours vary from 10:00 am - 12:00 midnight; 5 to 7 days per week. Must be flexible.

**Requirements:** Associate's degree or equivalent. Two to three years of progressively responsible retail experience. Strong interpersonal, communication (oral and written), organizational, and supervisory skills necessary.

**Minimum Starting Salary:** \$12,968  
**Job Number:** S382

**Position:** Sales Assistant, GR17  
**Department:** Campus Store (Entrepot)  
**Description:** Under general supervision will be responsible for overseeing cashiers, operating cash registers and assisting customers. Will train and/or provide guidance to temporary and student employees. Will open and close store which will include some nights and weekends. Maintain stock levels, store appearance, displays, and customer relations. Hours vary from 10:00 am - 12:00 midnight; 5 to 7 days per week. Must be flexible.

**Requirements:** High school diploma or equivalent. One to two years related retail experience. Must have good interpersonal, organizational and communication skills with previous exposure in customer relations and creative problem solving. Skilled in the operation of computerized cash registers.

**Minimum Starting Salary:** \$10,366  
**Job Number:** S381

## Technical

Outside applicants for technical positions should submit an employment application, resume, transcripts and a list of laboratory techniques and equipment, or computer languages and hardware with which you are familiar. This information will be kept active for six months. For each position that you are qualified and wish to be a candidate for, submit a cover letter, including position title, department and job number, to Cynthia Smithbower. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with traini7— and/or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

**\*Position:** Computer Operator, GR22 (Repost)  
**Department:** NYSSILR  
**Description:** Manage the operations of the ILR Student Computer facility. Including hiring and supervising student operators. Responsible for setting up and maintaining computers. Act as a general consultant for ILR course computer work. Maintain and set up file servers and networks.

**Requirements:** Bachelors degree. Prior experience in a student computer facility preferred. Supervisory experience helpful. Knowledge of Cornell computer system desired. Familiarity with the following helpful: dbase, LOTUS 1-2-3, TOPS-20, CMS as well as IBM PC's and MacIntosh.

**Minimum Starting Salary:** \$13,667  
**Job Number:** T371

**\*Position:** Technician, GR21  
**Department:** Natural Resources  
**Description:** Derive and analyze lignin oxidation products in ecological samples by gas-liquid chromatography. Analyze dissolved organic car-



# Job Opportunities

Continued from Page 9

bon in water samples by coulometer. Develop new methods for analysis of organic components in ecological samples. Routine operations and analyses as well as maintenance of instrumentation in chemical laboratory.

Requirements: Bachelor's degree and one year of experience in an ecological chemistry laboratory. Apply by October 18, 1985.

Minimum Starting Salary: \$12,968  
Job Number: T404

\*Position: Technician, GR20

Department: Avian & Aquatic Animal Medicine - Eastport, NY

Description: Provide technical support in processing diagnostic and research specimens for isolation and identification of bacterial fungi and viruses. Will perform histopathologic and serologic techniques. Duties will include some typing, filing and maintenance of records as well as production and quality control of biologics.

Requirements: Bachelor's degree in biology with courses in microbiology. One year experience in research or clinical microbiology or animal technology.

Minimum Starting Salary: \$12,209  
Job Number: T402

\*Position: Technician, GR19

Department: Agricultural Engineering

Description: Provide technical support for a study evaluating pathogen reduction and stabilization of sewage sludge during aerobic digestion in cold climates. Responsibilities include operation of pilot plant facilities located in Trumansburg and routine laboratory analysis. Some weekends; approximately 2 hours per day.

Requirements: Associate's degree in engineering sciences; Bachelor's preferred. Experience in performing physical and chemical analyses desired. Mechanical aptitude with the ability to operate pumps, and compressors. Motor vehicle operator's license. Apply by October 25, 1985.

Minimum Starting Salary: \$11,570  
Job Number: T406

\*Position: Technician, GR18

Department: Equine Drug Testing & Research - Buffalo - Batavia

Description: Perform analysis of blood and urine samples in a field drug testing laboratory at Saratoga. Assist laboratory director as required. Weekends and holidays included; 1:30 - 10:00 pm.

Requirements: Associate's degree in chemistry or related field. Some experience with Thin Layer chromatography and general laboratory procedures.

Minimum Starting Salary: \$10,920  
Job Number: T403

\*Position: Technician, GR18

Department: Biochemistry, Molecular & Cell Biology

Description: Provide technical support for a research project in molecular biology using recombinant DNA technology including work with radioisotopes. Maintain progress reports, read literature pertinent to research, analyze data.

Requirements: Bachelor's degree in biochemistry or microbiology. Laboratory experience in recombinant DNA, familiarity with microbiological and biochemical laboratory techniques essential. Please apply by October 25, 1985.

Minimum Starting Salary: \$10,920  
Job Number: T401

Position: Technician, GR20

Department: Animal Science

Description: conduct experiments with swine primarily directed toward improving lactation performance through hormone treatment, growth potential of progeny by supplemental feeding and survival of the baby pig. Methods involve routine care—management cannulation, acquisition of blood, data collection—summarization and some laboratory analysis.

Requirements: Bachelor's degree in animal science or related field with courses or experience in swine production. Ability to work independently; experience in swine production, particularly farrowing-lactation essential. Previous experience conducting experiments, collecting—summarizing data and supervising others preferred. Must have previous experience in blood sampling. Apply by October 18, 1985.

Minimum Starting Salary: \$12,209  
Job Number: T392

Position: Technician, GR19

Department: Animal Science

Description: Provide technical support for a Dairy Cattle Nutrition Experiment. Will summarize data, weigh feeds and experimental chemicals; monitor animal performance and health and make modifications in feed if needed. Responsible for student supervision. 20 to 39 hours per week; until September 1986.

Requirements: Bachelor's degree in animal science or a related field. Prior supervisory experience desired. Excellent interpersonal and communication skills. Apply by October 18, 1985.

Minimum Starting Salary: \$11,570  
Job Number: T393

Position: Technician, GR20

Department: Vet Microbiology

Description: Purification and characterization of monoclonal antibodies against feline leukemia, sarcoma, and other potential oncogenic viruses. Maintain tissue culture, inoculate and bleed experimental animals.

Requirements: Bachelor's degree in biology with courses in microbiology, virology and immunology. Some experience in microbiological techniques essential. Apply by October 11, 1985.

Minimum Starting Salary: \$12,209  
Job Number: T385

Position: Computer Operator, GR20

Department: Food Science & Technology - Geneva, NY

Description: Develop applications templates for specific data analysis tasks using commercial applications software for the IBM PC. Instruct lab personnel in their use. Other duties as assigned.

Requirements: Associate's degree or equivalent in computer science or math. Familiarity with IBM PC applications software. At least one year related experience with a microcomputer and basic understanding of computer operations. Good communication and interpersonal skills.

Minimum Starting Salary: \$12,209  
Job Number: T386

Position: Technician, GR20

Department: Plant Pathology - Long Island

Description: Conduct field, laboratory, and greenhouse experiments on control strategies for and yield loss due to plant parasitic nematodes and on potatoes. Design and layout plots, take soil samples, keep records, summarize and report data, write reports.

Requirements: Bachelor's degree or equivalent in plant pathology with training in nematology. Laboratory experience in nematology and some knowledge of taxonomy preferred. Driver's license required. Working knowledge of statistics helpful.

Minimum Starting Salary: \$12,209  
Job Number: T384

Position: Technician, GR18

Department: Equine Drug Testing & Research - New York City

Description: Perform analysis of blood and urine samples in a field drug testing laboratory to serve Aqueduct, Belmont and Saratoga Race Tracks. Relocation to Saratoga Springs, NY for the month of August each year. Assist laboratory director as requested. Five days per week including weekends and holidays.

Requirements: Associate's degree in chemistry or a related field. Some experience with thin layer chromatography and general laboratory procedures. Familiarity with gas chromatography.

Minimum Starting Salary: \$10,920  
Job Number: T382

## Part-time

\*Position: Research Support Aide

Department: Division of Nutritional Sciences

Description: Develop, manage, and run well-documented programs for using statistical packages to analyze data. Prepare data sets for such analyses by using editor, sorter, and utility programs. Back-up data sets onto tape. Help administrator computer accounts and tape library. Some consulting with graduate students. Monday - Friday, 20 hours per week; flexible.

Requirements: Bachelor's degree with research experience and experience using computers. Ability to handle research data sets. Science background desirable. Statistical skills, knowledge of statistical packages, and some programming experience helpful.

Job Number: PT402

\*Position: Photographer, GR21

Department: Geological Sciences - INSTOC

Description: Take black and white photographs for publication, do quality photos from illustrations, line drawings, maps; copy work, developing film, and prints. Experience in color photography including producing and duplicating color slides. Other non-photographic and non-technical duties as assigned. Monday - Friday, 8:00 - 12:00, 20 hours per week; flexible.

Requirements: High school diploma or equivalent. Some college with photographic courses preferred. Should have 2 to 4 years professional photography experience.

Minimum Starting Salary: \$12,968—annual equivalent  
Job Number: S404

\*Position: Secretary, GR18

Department: Neurobiology & Behavior

Description: Provide secretarial support for one to two professors. Type daily correspondence, coursework, manuscripts and grant proposals; travel arrangements; file; answer phone; order lab supplies. Other duties as assigned. Five days per week; 20 hours.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Previous secretarial experience, preferably technical and/or science material. Familiarity with, or willingness to learn DEC word processor.

Minimum Starting Salary: \$10,920—annual equivalent  
Job Number: C404

Position: Training Coordinator

Department: Center for Religion, Ethics and Social Policy (CRESP)

Description: The Community Dispute Resolution Center of Tompkins County has received a grant from the Division of Criminal Justice Services for the Youth Mediation Training Project. The project's focus is training in negotiation and cooperative conflict resolution for youth in residential care facilities, foster families, and staffs of agencies and institutions who work with these populations. The Coordinator will work with the agency Co-Director to design and implement this training. Half-time position.

Requirements: The Coordinator should have skills in conflict management and experience in training. He—she should have experience working with youth, preferably in a residential care facility. The Coordinator must have good communication skills, as well as the ability to deal with high levels of conflict and stress. He—she must have the ability to work independently.

Minimum Starting Salary: Half-time, at \$7,000, with fringe benefits

Contact: Please send cover letter and resume to the Community Dispute Resolution Center, 124 The Commons.

Position: Senior Manuscript Arranger, GR18

Department: NYSSILR, Catherwood Library

Description: To arrange and describe manuscript and other non-book materials according to instructions provided by the processing supervisor; other miscellaneous duties including assisting in answering reference questions on collections processed, mounting exhibits minor mending, counting documents and labeling boxes. Part-time regular, Monday - Friday; hours to be arranged.

Requirements: Associate's degree or equivalent. Light typing. College coursework in modern american history, industrial relations or labor history preferred or must be willing to take related courses. Excellent writing skills required. Familiarity with word processing helpful.

Minimum Starting Salary: \$10,920—annual equivalent  
Job Number: C399

Position: Technician, GR18

Department: Psychology

Description: Perform routine histological procedures involving slide preparation, paraffin and frozen section microtomy and tissue staining. Will maintain stock laboratory solutions and inventory. Duties will also include autoradiographic techniques, use of electron microscope and photographic development. 20 hours per week; until July 31, 1986 with continuation dependent upon funding.

Requirements: Associate's degree in biological sciences with training in histology. Bachelor's degree preferred. Some experience sectioning and staining tissues for light microscopy preferred. Familiarity with autoradiography, electron microscopy and/or photography desired. Apply by October 11, 1985.

Minimum Starting Salary: \$10,920—annual equivalent  
Job Number: T391

Position: Custodian, SO16

Department: Ornithology - Endowed

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. 20 to 25 hours to be arranged.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Must have NYS driver's license for occasional errands.

Minimum Starting Salary: \$4.84—hour  
Job Number: S391

Position: Technician, GR18

Department: Diagnostic Laboratory

Description: Assist in the preparation, conduction and data compilation in swine research projects and extension programs. Restraint of animals, collection of blood samples, urine samples, fecal specimens, skin scrapings and biopsies. Assist with necropsy exams, collect and process tissues for clinical—research procedures. Perform various clerical duties associated with continued operation of a research program, including typing, filing, library searches, and ordering supplies. Part-time, regular for a period of at least three years. 25 hours per week; negotiable.

Requirements: Associate's degree in animal science or technology desirable. Previous experience handling large domestic animals preferred; Manual & Mechanical proficiency, driver's license. Ability to work with necropsy specimens and tissues. Experience with, or a desire to receive training in, the use of computers and simple statistics.

Minimum Starting Salary: \$10,920—annual equivalent  
Job Number: T383

## Temporary

TEMPORARY OPPORTUNITIES: Individuals qualified for temporary work in the following are encouraged to apply: clerical, secretarial, word processing. If you have experience or skills in these or related areas and are interested in learning more

about these opportunities, please call Laurie Conlon at 256-5226.

\*Position: Temporary Technical Staff Writer (Repost)

Department: Food Science

Description: Responsible for library research specific scientific topics, particularly nutritional aspects of fatty acids; conduct literature searches and collate publications; summarize scientific publications; assemble written overviews and summaries. Monday - Friday, 20-30 hours per week to be arranged.

Requirements: Bachelor's or Master's degree. Nutritional—biological sciences—chemistry. Medium typing. Some research experience in appropriate areas. Competence in word processing (IBM). Training and experience in technical writing. Familiarity with IBM PC essential. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$5.00—hour  
Job Number: T328

\*Position: Temporary Clerical (Repost)

Department: Entomology

Description: Type and duplicate correspondence for faculty and administrative staff personnel. Some phone answering and message handling. Full-time, temporary for six months.

Requirements: High school diploma or equivalent; secretarial training preferred. Medium typing. Ability to operate an IBM Selectric III typewriter; operation of IBM Displaywriter word processor highly desirable. Please send cover letter and resume to Laurie Conlon.

Minimum Starting Salary: \$5.00—hour  
Job Number: C3814

Position: Temporary Systems Analyst, T-5

Department: Modern Languages and Linguistics

Description: Provide systems level support for new DEC PDP 11-73 and existing Callan Unistat 68000 computers including updates to existing software and operating systems as well as modification of speech analysis and synthesis systems. Must also train users and assist in assessing future software needs. Full time for 4 months or half-time for 8 months with possible extension on a part-time basis, with possible extension on a part-time basis.

Requirements: Bachelor's degree in Electrical Engineering, Computer Science or related field. 3 years programming experience in Fortran, familiarity with C and Macro 11 languages with analog signal processing; phonetics applications experience desirable. Please submit cover letter and resume to Cynthia Smithbower.

Minimum starting salary: \$8-hour  
Job Number: T351

## Academic

Please contact department directly.

\*Position: Faculty level - Director of Mastitis Control Program

Department: Clinical Sciences - Mastitis Control, NYS College of Veterinary Medicine

Contact: Dr. Donald H. Lein, Chairman, Search Committee, Diagnostic Laboratory

Position: Assistant—Associate Professor: Hebrew Bible Studies

Department: Near Eastern Studies

Contact: Professor Steven Katz, 360 Rockefeller, by December 1, 1985  
Job Number: A391

Position: Assistant—Associate Professor: Hebrew Language and Literature

Department: Near Eastern Studies

Contact: Professor Steven Katz, 360 Rockefeller, by December 1, 1985  
Job Number: A392

Position: Laboratory Lecturer, Cell Physiology

Part-time, 5 month—year (January - May)

Department: Section of Physiology, NYS College of Veterinary Medicine

Contact: Neil H. McLain, Administrative Manager, 256-5454, ext. 2429  
Job Number: A361

## Shevchenko

Continued from Page 2

sign Minister Andrei Gromyko and came into contact with every Soviet leader from Nikita Krushchev to Mikhail Gorbachev.

Shevchenko's experiences are recounted in his book, "Breaking with Moscow," published by Alfred A. Knopf.

"It is not my purpose in this memoir to instill feelings of hostility in Americans toward the Soviet people, or to complicate in any way efforts to promote peace," Shevchenko wrote in his foreword.

"What I want to do is to share with the reader my experiences under the Soviet system; to tell the truth about it as I lived it; to inform the public of Soviet designs, and to warn of the dangers they present to the world."

Shevchenko will begin his Cornell stay by discussing his book and his descriptions of Soviet political life in a seminar titled, "Breaking with Moscow: Revelations of a Soviet Diplomat." The seminar will be held at 4:30 p.m., Thursday, Oct. 24, in Room 701, Clark Hall.

Friday, Oct. 25, Shevchenko will discuss Soviet foreign policy and U.S.-Soviet relations in a second seminar, "The Making of Soviet Foreign Policy: An Insider's View," at 10 a.m. in Room 202, Uris Hall. Shevchenko is expected to address many of his remarks to the planned November meeting between Gorbachev and President Reagan.

The Bartels lectureship, which is sponsoring Shevchenko's visit, was founded to increase students' knowledge of international affairs by providing them with an opportunity to meet with international figures in an informal setting.

"Nancy and I feel that the world is getting smaller all the time," Henry Bartels said when he and his wife endowed the lectureship in 1984. "The lectures will give the whole Cornell community a chance to see and hear people of international importance whom they have recently read about or seen in the news media."

Both Henry and Nancy Horton Bartels graduated from Cornell in 1948.



# Academic Computing Announces New Seminar Series

Academic Computing, a division of Cornell Computer Services, is pleased to announce a new series of seminars that looks at the increasing role of computing, particularly microcomputing, in university systems and instruction.

The lunchtime seminars to be held Thursdays from 12:20 to 1:10 p.m., in 100 Caldwell, are free and open to the public and the Cornell community. This will be an opportunity for faculty members, academic administrators and professional staff to see how other academicians are using personal computing as an educational medium.

Sessions scheduled for the remainder of the term are:

Oct. 10: Cornell's Data Network Plans: Dick Cogger (CCS) will give an overview of plans for a campus communication network including micros, mainframes and the new phone system.

Oct. 17: Update on Microcomputer Statistics Packages: Jay Hilfiger (CCS) will report on the many statistics packages he and his group have reviewed in the last year. The major focus will be on packages for the IBM-PC and compatibles.

Oct. 24: Technical Word Processing on IBM-PCs—Panel Discussion: Jim Liggett (Civil Envir. Eng.), Rebecca Vogue (Ag. Econ.) and David Heath (OR) tested a number of technical word processors on the IBM-PC and will report their findings. David Heath has also been involved with development of a home grown technical word processing system.

Oct. 31: Development of Industrial Software in Agricultural Engineering: J. Robert Cooke (Ag. Eng.) will demonstrate and explain his programs implementing finite element analysis of some actual engineering problems. The graphical user interface allows difficult problems to be solved by undergraduates. (Project Ezra Demonstration)

Nov. 7: Interactive Videodisc Instruction at Cornell Univ. Medical Center: Daniel Alonza (CUMC) set up a remarkable new video lab for pathology students. Students use the Macintosh to review subject material and lecture notes while viewing related pictures from a video disk on a color screen next to the Macintosh.

Nov. 14: Computer Graphics Experimental Applied Mathematics Modules: John Hubbard (Math) will demonstrate some fascinating graphics software for viewing the

families of solutions for simultaneous differential equations. (Proj. Ezra Demo)

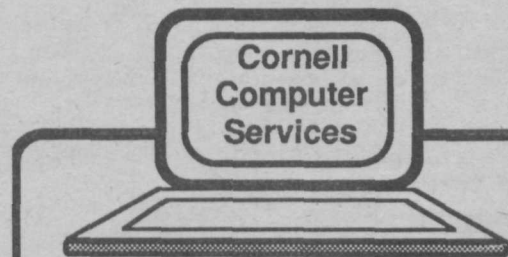
Nov. 21: Advanced Function Workstation Graphics at Princeton: Kirk Alexander (Princeton Univ.) will talk about graphics work being done at Princeton on the IBM-PC. Those who heard Kirk at the IBM/AEP

conference in June were enthusiastic about having him visit Cornell.

Dec. 5: Update on the Library Computer System: Lynn Personius (CCS) will explain the status of a project that will soon bring the library catalog system on-line. She will also address options open to the library for

the future.

Dec. 12: Laboratory Workstations in Electrical Engineering: Chris Pottle (EE) will explain how students use his software with IBM-PCs to collect and analyze laboratory data more easily. (Project Ezra Demonstration)



## THE COMPUTER PAGE

An Occasional Collection of News and Comments from Computer Services

### How to Purchase a Microcomputer at Cornell

Network Communications is the division of Cornell Computer Services responsible for the sales, distribution, and repair of microcomputers for the Cornell community. We offer attractive discounts on microcomputer hardware products from four major vendors—Apple, DEC, Hewlett-Packard, and IBM—along with assorted peripherals and printers from other manufacturers such as AST Research, Epson, Okidata, and Rascal-Vadic.

All microcomputer sales to qualifying members of the Cornell community are handled through the NetComm Sales Office now located in 143 Caldwell Hall.

**PLEASE NOTE:** All full-time students, faculty, and staff of Cornell University are eligible to participate in the discount program. Your status will be verified upon order placement. Full payment by check is required at time of sale. No credit cards are accepted. New York state Sales Tax of 7% required on all personal purchases.

In addition to sales, NetComm operates a central distribution/repair facility at 152 Langmuir Lab, near the Tompkins County Airport. This is the site for distribution of all newly purchased machines and the center for all warranty and after-warranty repairs.

For anyone interested in purchasing a microcomputer but confused by all of the

choices or the jargon or the fast-changing technology, the first place to start is in Uris Hall. Cornell Computer Services supports a Microcomputer Demonstration Area located in G26 Uris Hall, where one can get "hands-on" experience with a variety of computers from the four major vendors along with the current price lists for equipment. In addition to demonstration hardware and software, many CCS publications are available which can help in selecting a microcomputer and compatible printers and peripherals.

For those who need to talk with someone, two options are available. Tom Hughes, assistant director of Distributed Computer Services, 401 Uris Hall, is host for a series of weekly hour-long talks on how to select a microcomputer. A schedule of these presentations is always posted in the Demo Area and CUINFO. Stop by G26 Uris from 9 a.m. to 5 p.m. on weekdays to chat with front-line consultants. These people can help with a variety of questions including how to configure a computer system, how to determine hard-

ware compatibilities, and how to decide which software package may be best for particular applications. Consultants are also available by appointment if necessary. Once a person has decided to make a purchase, the following information will be of interest.

To purchase a microcomputer...visit the NetComm Sales Office, 143 Caldwell Hall, 9:30 a.m. to 4 p.m., Monday - Friday.

To change an order...contact the NetComm Sales Office, 143 Caldwell Hall, 9:30 a.m. to 4 p.m., Monday - Friday.

To pick up your purchase...go to NetComm Distribution, 152 Langmuir Lab., 10 a.m. to 4 p.m., Monday - Friday.

If you have hardware problems...call NetComm Repair, 256-5531 x276.

To buy a service contract...stop by the NetComm Sales Office, 143 Caldwell Hall.

Special concerns or questions...call NetComm Sales Office, 256-5544.

Nancy Flynn,  
Marketing

### Some Workshop Sessions Full

Increased demand for class slots has filled some sessions of Cornell Computer Services' fall workshop series, and has prompted the addition of extra sessions of five popular courses.

Extra sessions of some other closed sessions may become available later in the semester.

To register for any of the 36 courses offered, complete the form found in the back of CCS' Workshop Schedule (AN342), which is available in all staffed terminal

### Microcomputer Courses Have Heavy Demand

Some sections of seven microcomputer courses and five mainframe workshops in Cornell Computer Services' fall workshop series are already filled to capacity. Many course offerings have several sections, and if the first preference is closed, later sections may still be open for registration. Refer to CCS's AN-342 (Fall Workshop Schedule) for a complete listing.

Microcomputer courses with closed sections include: Hands-on Introduction to Macintosh, Section A; Introduction to Macintosh Word, Section A; Introduction to IBM-PC, all sections; Intermediate PC/DOS, Section A; Introduction to Lotus 1-2-3, all sections; WordPerfect Basics, Sections A, B and C; and Advanced WordPerfect, all sections.

Mainframe courses with closed sections include: Introduction to Mainframes, all sections; Introduction to CUTHESIS, Sections A and B; Introduction to SAS, Section A; Advanced SAS, Section A; and Introduction to SAS/GRAPH, Section A.

Please check CUINFO (type "CUINFO CCS COURSE" while logged into CORNELLA) for the latest course closings. New sections of some courses may be added to accommodate demand.

Irv Wiswall  
User Support

rooms on campus. Keep an eye on the CCS Bulletin and CUINFO's CCS node for information on other course additions.

Extra sessions include:

Advanced Techniques Using SAS: Betsy Keokosky and Jay Hilfiger; Workshop #23b: MWFM, November 18, 20, 22, 25, 2:30 p.m.; Room: 60 Warren Hall; Registration limit: 18; Cost: \$40.

A Videotaped Instruction to Lotus 1-2-3: David Zodikoff; Workshop #10c: TTh, October 29, 31, 9:05 a.m.-12:05 p.m.; Room G-25 Stimson Hall; Registration limit: 22; Cost: \$45.

Irv Wiswall  
User Services

### Overseas Internships

Continued from Page 3

France, Germany, India, Israel, Mexico, Spain, China and Japan.

The program has received vigorous support and assistance from Cornell's 14,000 to 15,000 foreign alumni. The first exchange, jobs, and contacts, for example, were made possible mostly with the help of Venezuelan Cornell graduates.

Interest in Cornell runs very high among the foreign alumni, explained David Williams, director of Cornell's Office of International Alumni Affairs. "For many of the foreign students, their Cornell experience was the most shaping force in their lives," he said.

Since 1979, when Williams began contacting foreign graduates of the university, the number of Cornell clubs around the world has multiplied. There were nine active clubs in 1979; today there are 22, he said.

### Nutrition Program

Continued from Page 3

food distribution and public health measures," he stresses.

CNSP provides the critical link between information on malnutrition and its causes, and decisions on action to deal with hunger and malnutrition.

Heading the project are Mason and Jean-Pierre Habicht, the James Jamison Profes-

**LEARN A NEW LANGUAGE** with a new friend - Americans who want to learn Japanese or Mandarin Chinese or native speakers of Spanish, Italian, French, Indonesian, German, Russian, who want to improve their English, are needed for a language exchange program, right here in Cornell. Special requests will be considered. Times negotiable. Just contact CIVITAS.

**CAMBODIAN REFUGEE** from TC3, needs help with basic physics. Lives downtown, but can meet on campus 1 hr./wk for a semester.

**PLAY BASKETBALL, FOOTBALL, OR SOCCER** with 10-13 yolds. 1 hr/wk for 1 semester. M-F 3:00-5:00 p.m. Some knowledge of sport and coaching required. Downtown community center, located near P&C.

**WOULD YOUR GROUP** like to decorate spook house, make cookies, provide music, etc. for Halloween party in low-income housing project? Probably between 3-5 p.m., Oct. 31. Come discuss with CIVITAS.

**VOLUNTEERS NEEDED** to help recruit for hunger walk from churches and other organizations. To be held in late October. Proceeds to used internationally and locally. Target of at least 350

"It would be far more difficult to undertake arranging internships for Cornell students abroad were it not for the alumni," according to Isbell. For example, she added, "the Venezuelan alumni have been essential to the success of the program."

In future years alumni in other countries will be called upon to help the program grow. The importance of including international experience in one's college preparation for a profession cannot be underestimated, Isbell claimed.

Lawyers, doctors, engineers and others will have to know much more about the world beyond our borders in order to succeed, because all professions are increasingly affected by international events and foreign professionals, she said.

"I think going abroad should become part of all pre-professional education programs," she said.

sor of Nutritional Epidemiology. They work closely with the International Nutrition Program at Cornell, directed by Michael Latham.

The Division of Nutritional Sciences is a joint unit of the New York State College of Agriculture and Life Sciences and the New York State College of Human Ecology, both at Cornell.

—Susan S. Lang

### CIVITAS

walkers. CIVITAS can put you in touch.

**HIGH SCHOOL STUDENT** would like to learn jewelry making techniques. 3-4 hrs/wk for one semester. After 3:00 weekdays, or on weekends, flexible.

**HOSPITAL CHAPLAIN** needs volunteers to help visit patients M, W, F afts. Another helper also needed to assist with an hour's worth of paper work before 1 p.m. Monday.

**DOWNTOWN SOUP KITCHEN** needs volunteers for kitchen work, general office work, or just to talk and make friends with guests 2-4 hrs./wk. for a semester. Choose from M, W, F 10:00-2:00, or T, Th 4:00-8:00. Training sessions will be provided.

**TUTORING**

**LANGUAGE ARTS VOLUNTEER** needed for Kindergarten - 5th graders. Other volunteers also needed for social studies and reading on class or individual basis. Once a week only, mostly afternoons from 12:45 onwards. Convenient downtown location.

**AFTERSCHOOL PROGRAM** needs volunteers to teach various subjects to 5-13 yr. olds. Presently, help is needed for the art programs (Mon. and Tues., 3-5 p.m.), and organized sports (Thurs. 3-5 p.m.). Evening program for teens seeks helpers for weight lifting (Mon. and Wed. 6:30-9:30 p.m.), and photography (6:30-9:30 p.m. any night, M-F).

**BLIND STUDENT** starting a job search, needs volunteer to help do research of various companies (basically at Career Center). Graduate student volunteer also needed for tutoring in various advanced Mechanics and Aerospace courses. Should know material tutored. Please contact CIVITAS.

**FIVE INMATES IN COUNTY JAIL** seek tutoring. Three are working on basic skills, two studying for high school equivalency. You will need about 2 hrs./wk., M, W, Th or F morning between 9:30-11:30 or M, W, F afternoons between 2-4. Conveniently located downtown.

**SEVERAL ITHACA HIGH SCHOOL STUDENTS** need tutors in math and sciences. Often high school students can come to campus after school, eves. & wknds, at mutual convenience of tutor and tutee. Once a wk. for about an hour is the usual time commitment. Please contact CIVITAS.

**MATH HELP** sought for middle school students (in small groups or on individual basis) in remedial math class who need practice in basic computation skills (no algebra). Games, drill, manipulatives and Apple computers are used. Between 1:45-2:30 or 12-1 on any or all school days, but especially Tue. and Thurs. Interest and patience required. Help with transportation can probably be arranged.

**HELPER SOUGHT** for Cornell nutrition major teaching ethnic foods and nutrition to elementary aged children. Tues. afts., 2:30-5:00 p.m., at conveniently located youth center downtown.

**TO OFFER YOUR HELP**, come to CIVITAS, 119B Anabel Taylor Hall, or call 256-7513. Open M, W, F, 9:00 - 3:00; T, Th, 10:00-2:00.

Funded in part by the Student Finance Commission and open to the entire Cornell community.



## Brief Reports

### Philosopher Wittgenstein To Be Malcolm's Topic

Norman A. Malcolm, the Susan Linn Sage Professor of Philosophy, Emeritus, here, will discuss "Wittgenstein on Mind and Brain," at 4:30 p.m., Monday, Oct. 14, in Hollis E. Cornell Auditorium at Goldwin Smith Hall.

The free lecture is being sponsored by the Committee on University Lectures, the departments of philosophy, English, and comparative literature, and the Society for the Humanities.

A specialist in the philosophy of the mind, Malcolm is one of the world's leading authorities on the Austrian philosopher Ludwig Wittgenstein.

Malcolm has written extensively on Wittgenstein, Descartes, the philosophy of the mind and of religion, and epistemology. He joined the Cornell faculty in 1947, serving as chairman of the Department of Philosophy from 1965 to 1970.

He retired from Cornell in 1978 and is currently an honorary visiting professor at King's College, London, and a honorary fellow of Fitzwilliam College at Cambridge University.

### ROTC Will Be Sponsor Of 2-Day Bloodmobile

A two-day Bloodmobile visit will take place Monday and Tuesday, Oct. 14 and 15, from 10 a.m. to 3:45 p.m. each day, in the Memorial Room of Willard Straight Hall, sponsored by the Air Force ROTC unit.

To sign up for an appointment, call the Red Cross at 273-1900, or walk-ins will be accepted on both days.

### Statutory Employees to Get Change in Health Coverage

At various Select Benefits meetings last spring, a change in health care coverage for statutory employees was announced. Effective Jan. 1, 1986, statutory employees currently participating in either the Statewide or GHI health care plans will have their coverage transferred to the new Empire Plan.

The Empire Plan will include the following cost containment features: pre-admission review, expanded second surgical opinion program, concurrent hospital inpatient review, and a participating provider network. Blue Cross will continue to provide coverage for the hospital portion and the Metropolitan Life Insurance Company (insurer for medical/surgical/major medical portion of current Statewide Plan) for the medical/sur-

gical portion of the plan.

Statutory employees will be notified as more information on the Empire Plan becomes available through future articles in Chronicle and Networking. Details regarding the new coverage will also be available at seminars to be held during the annual open enrollment period in November. Meeting times and locations will be announced.

### Biotechnology Symposium Next Tuesday and Wednesday

A major two-day symposium on biotechnology will be held Tuesday and Wednesday, Oct. 15 and 16, in Statler Auditorium.

The first day's sessions will be concerned primarily with bioengineering and will feature a keynote address by James Bailey, professor of chemical engineering at California Institute of Technology.

Wednesday's session, concerned with government regulation of biotechnology, will feature Donald Clay, director of the Office of Toxic Substances of the Environmental Protection Agency, as keynoter.

Tuesday's sessions run from 9 a.m. to 4:15 p.m., Wednesday's from 9 a.m. to noon. All sessions are open to the public.

### Day-Long Conference Here To Explore N. Ireland Crisis

"Where did Britain Go Wrong in Northern Ireland?" is the topic of a day-long conference on campus Saturday, Oct. 12.

Two experts from Britain and one from Canada and a former U.S. ambassador will join Cornell professors in exploring the conflict. The conference takes place in 700 Clark Hall from 10 a.m. to 5:30 p.m. At 9 p.m. the film "Cal" will be shown in Uris Library LO-4.

Patrick Buckland from the University of Liverpool, George Boyce from the University College at Swansea, and J. E. Chamberlin from the University of Toronto will explore the political background and cultural context of the problem. Former ambassador to the Republic of Ireland William V. Shannon, now professor of history and journalism at Boston University, will address the question, "Is There a Way Forward?" Participants from Cornell are Phillip Marcus and Diarmuid Maguire.

"Cal," a 1984 film directed by Pat O'Hara, depicts the IRA and life in Northern Ireland.

Cosponsors of the conference are Cornell's Western Societies Program, the Peace Studies Program, and the Department of Government, the John D. and Catherine T. MacArthur Foundation, and the British Council in Washington, D.C.

### 680 Here Sign Pledge Not to Take SDI Funds

Voicing their opposition to Strategic Defense Initiative research on campus, more than 680 faculty members, engineers, graduate students and researchers at Cornell have signed a pledge "neither to solicit nor accept SDI funds."

The petition, similar to one that is circulating on other campuses, was signed by 132 current, emeritus and visiting faculty members in science and engineering departments. Some 551 graduate students and research staff in departments and laboratories also signed.

Among the names, which were released Tuesday, were more than half the physics faculty and 171 graduate students and researchers from that department.

### Coretta Scott King To Lecture Here Monday

Coretta Scott King will present a public lecture at 8:15 p.m. Monday, Oct. 14, in Statler Auditorium, sponsored by the University Unions Program Board.

She will talk about her life with the late Dr. Martin Luther King Jr., women's issues and apartheid in South Africa. A question period will follow.

Tickets are \$2 and may be bought in advance at Willard Straight Hall, or purchased at the door.

### Sorority Burglaries Under Investigation

Ithaca, Cayuga Heights and Cornell police are investigating a series of six burglaries of Cornell sorority houses since late September. Police report that the houses have been entered in the early morning hours and several items of women's underwear have been stolen.

While police speculate that the burglaries may be intended as pranks, they are urging occupants of sororities to make certain that all entrances to their houses are locked at night.

### No Trustee Action On Proposed Rules

The Board of Trustees will not act on the proposed changes in the Rules for the Maintenance of Public Order at this weekend's meeting, according to University Counsel Walter J. Relihan Jr.

Discussions with the University Assembly and faculty groups have resulted in progress regarding various suggested changes in the rules, but a final recommendation is not yet ready for Board consideration, Relihan said.

There have been some items circulating on campus that report the trustees will act on the proposed changes this weekend. Those reports are incorrect, Relihan said.

### SAGE CHAPEL

#### 'Plowshares or Swords?' Edmondson's Topic

Locksley Edmondson, visiting professor of African and Caribbean politics and international relations in the Africana Studies and Research Center here, will speak at Sage Chapel at 11 a.m. Sunday, Oct. 13. His sermon topic will be "Plowshares or Swords? Challenges of World Community."

Edmondson completed his undergraduate studies in England at the University of Birmingham where he earned a bachelor of social sciences honors degree specializing in economics, political science, and sociology. He then completed his master's and doctoral degrees in political science in Canada at Queens University.

His extensive university teaching career over some two decades includes a four-year spell at the University of Waterloo in Canada; three years at Makerere University in Uganda, East Africa; three years at Cornell in the early seventies; one semester at the University of Denver; seven years at the University of the West Indies, Mona, Jamaica; and from January 1981 through July 1983 he was professor and coordinator of the Black American Studies Program at Southern Illinois University at Carbondale.

In addition to his teaching duties, Edmondson was founder and director of an experimental all-university course in general development studies at Makerere University; was acting director of the Center on International Race Relations at the University of Denver; and was dean of the faculty of Social Sciences at the University of the West Indies.

Edmondson has traveled, lectured and published widely in Africa, Asia, Europe, Latin America, North America, and the Caribbean. He has participated in six UNESCO experts' meetings since 1978 and has been involved in four seminars convened or co-sponsored by the United Nations University.

He is currently a vice-president and member of the Bureau of the International Congress of African Studies with headquarters in Nigeria; was elected 1982-83 vice-president of the Illinois Council for Black Studies; is currently on the general board of the African Heritage Studies Association; serves on the International Planning Committee of the National Conference of Black Political Scientists as well as on the Caribbean Review Award Committee of the Caribbean Studies Association. He is past president of the African Studies Association of the West Indies.



Edmondson

### The Week in Sports

## Cornell and Harvard Meet Here This Weekend in Four Sports Events

By JOHN HERON  
Sports Information

It will be a Cornell-Harvard weekend as far as the Cornell home sports scene is concerned. All four events on campus feature confrontations between the Big Red and Crimson, two games on both Friday and Saturday.

The Cornell-Harvard rivalry begins at 4:30 p.m. Friday with a women's soccer game on Alumni Field. At 6:30 p.m. that day, the men's soccer teams from the two schools compete in Schoellkopf Field. The Big Red women's field hockey squad plays the Crimson at 10 a.m. Saturday on Schoellkopf, followed by the Cornell-Harvard varsity football game on the turf at 1:30 p.m.

In away action this weekend, the lightweight football team travels to Navy on Friday; the men's and women's cross country teams both compete at the Paul Short Memorial Run at Lehigh Saturday; the women's tennis team is at Binghamton Saturday afternoon; and the women's volleyball team competes at the Syracuse Tournament this weekend. On Tuesday, the spikers return home to entertain Rochester at 7 p.m. in Helen Newman Gym, while the women's soccer team faces Rochester one day later at 4:30 p.m. on Alumni Field.

The women's soccer team is hoping that its 2-0 victory over Adelphi this past Saturday is an indication of things to come as it prepares to face Harvard. That win boosted the Red's record to 3-4 overall. Sophomore Laurie Collier provided all the firepower against Adelphi as she registered both goals. She now leads the team in scoring with three goals and one assist for seven points. Netminder Sherrie Chocola has recorded three

shutouts on the year, allowing just 1.3 goals per game and compiling an .845 save percentage. Cornell, currently 1-0 in Ivy League play, will have to be at its best Saturday, as Harvard is ranked among the top 15 teams in the country and placed second in the league last fall. The Crimson has defeated the Red in each of the five previous meetings, including a 5-0 victory in 1984.

The men's soccer team sits atop the Ivy League standings, as it takes an unblemished 2-0 Ivy record into the all-important matchup with the Crimson. Owning a half-game lead over defending champion Columbia, the Cornell booters appear ready to move into the upper echelon of the league; thus the encounter will be pivotal in the battle for the Ivy championship. Harvard beat Cornell, 2-0, last year and went on to finish second in the league. The Crimson comes into the contest with a 1-3 record, which includes a 3-2 loss to nationally ranked Hartwick this past weekend.

Cornell, ranked fifth in New York state, has looked strong in its most recent games despite last week's 1-0 loss to Adelphi, the fourth-rated squad in the state. Senior goalkeeper Hugh O'Gorman had a 1.5 goals-against average and a save percentage of .850. Junior co-captain Dan Mahanger scored his second game-winning goal of the season in a 2-1 win over Oneonta State last Wednesday. He is second on the team in scoring with two goals and one assist, trailing sophomore John Bayne, who has tallied three goals and two assists.

The women's field hockey team played six games thus far, and in addition to a year, each of its contests has been decided by one goal. The Big Red found exuberance and



Sue Ziemann



Jennifer Stiles

frustration in two of those close contests last week. For the first time in 15 meetings, Cornell upset Ithaca College last Wednesday, 1-0. Against the Bombers, freshman Beth Paciello registered the game-winner for the second contest in a row. However, the Big Red dropped a 1-0 decision to Yale Saturday, lowering the team's record to 2-3 overall and 1-2 in the Ivy League. Sophomore Meg Bantley leads the team in scoring with three assists, followed by classmate Janice Holmes and Paciello with two goals apiece. Senior goalie Sue Ziemann has allowed just seven goals in 449 minutes of action, as she sports a 1.09 goals against average and a save percentage of .891. Harvard leads the series with the Red, 7-1-2, and won last year's matchup, 1-0.

A win over Harvard Saturday can put the Big Red football team right back in the race for the league championship. The Red, 0-3 overall and 0-1 in Ivy play, has gone against three tough opponents thus far. The Big Red offense showed impressive mobility in the

17-3 loss to Lafayette, outgaining the Leopards in total offense (330-315) and first downs (20-17), but was unable to reach the end zone. Senior tailback John Tagliaferri had a career-high 93 yards rushing while hauling in nine passes; that tied his career-high set last year against Harvard. The Big Red defense continues to yield very little yardage to the opposition.

Harvard is 2-1 overall and 1-0 in the Ivy League. The Crimson lost to William & Mary, 21-14, on a touchdown late in the final quarter. All-Ivy running back Robert Santiago leads the powerful Harvard rushing attack with 180 yards on 33 carries, and he is also the Crimson's top receiver with five catches for 81 yards. Last year, Harvard defeated the Big Red in Cambridge, 24-18, as Santiago rushed 21 times for 168 yards.

The pieces have started to fall into place for the women's volleyball team. Cornell defeated all three of its opponents last week in imposing fashion, upping the team's record to 6-2. Jennifer Stiles has bolstered the squad with her experience and outstanding play this season. The senior has done a phenomenal job blocking the opposition's setter, while Janelle Moens, Kathy Klein and Tere Duran have all added serving strength to the offensive attack. The improving team play could be a harbinger as Cornell heads into several very competitive tournaments. The Big Red leads the series with Rochester, 9-3, and defeated the Yellowjackets last season, 2-0.

### Red-White Lacrosse Game

The annual Red-White scrimmage for Richie Moran's varsity lacrosse team, the traditional windup of fall workouts, will be at 2 p.m. Sunday at Schoellkopf Field.