

# Cornell CHRONICLE

Volume 18 Number 9 October 23, 1986

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Rhetoric at Reykjavik

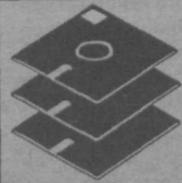


Proprietary  
research  
policies

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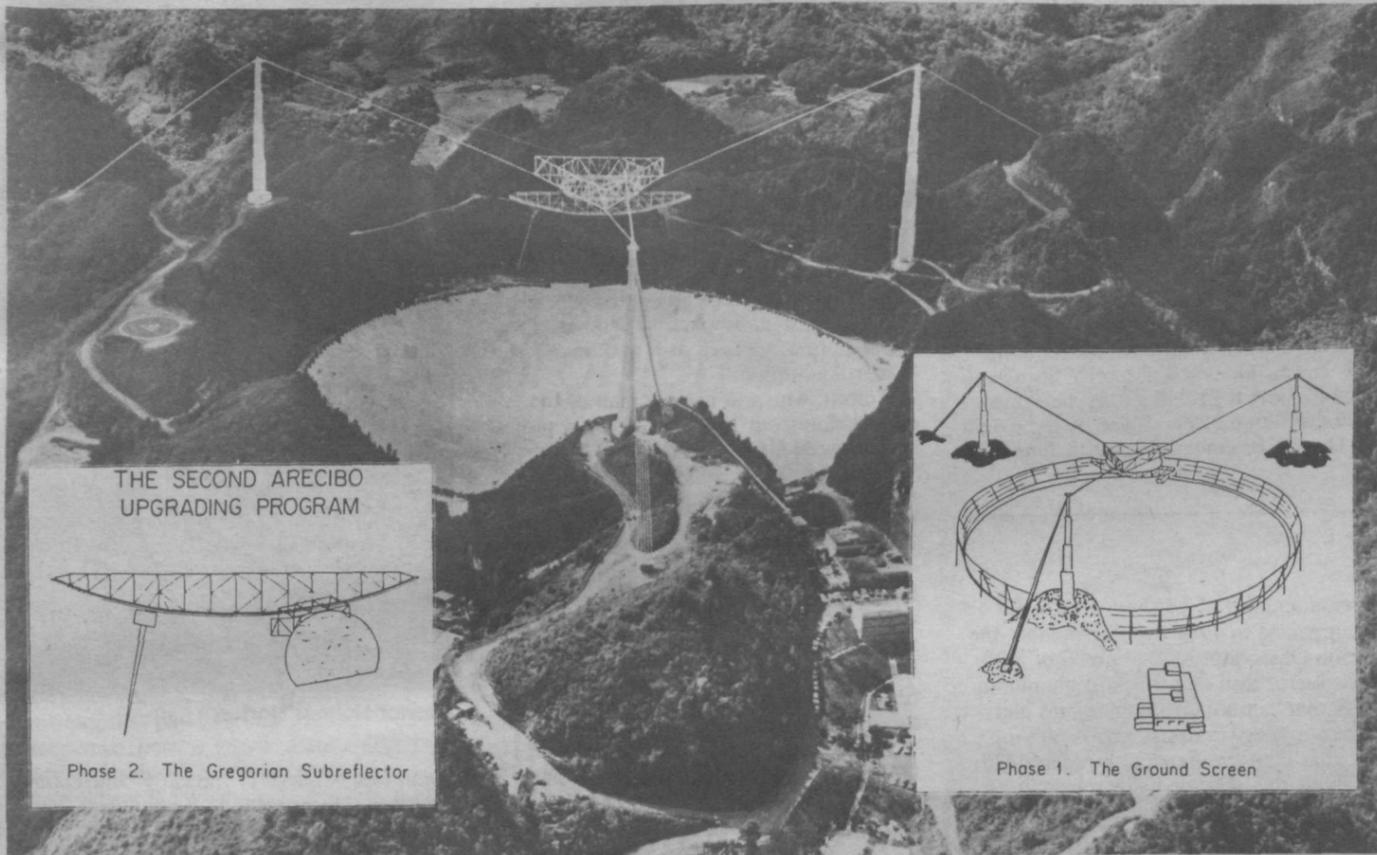
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Manipulating  
the media?

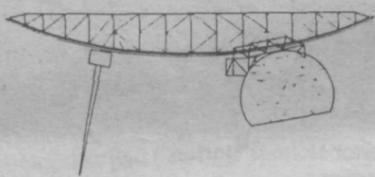


Comp Sci  
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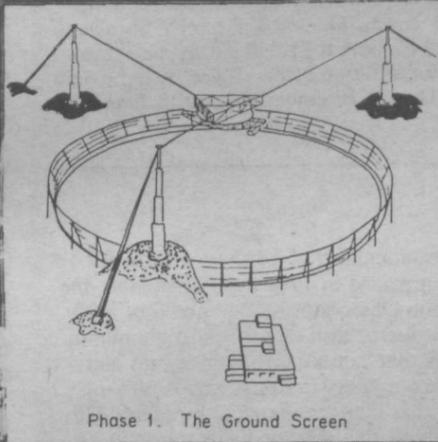
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THE SECOND ARECIBO  
UPGRADING PROGRAM



Phase 2. The Gregorian Subreflector



Phase 1. The Ground Screen

The proposed multi-million-dollar upgrading of the Arecibo Observatory would improve the telescope's sensitivity by adding a 60-foot-tall ground screen around the edge of the reflector dish as well as a system of subreflectors, attached to the overhead platform.

## Hopcroft wins Turing Award

John E. Hopcroft, professor of computer science, will receive the highest award given in his field next month, and the university will honor him for his achievement with a lecture and reception Oct. 23.

The nation's oldest computing society, the Association for Computing Machinery, will present Hopcroft with the Turing Award at its fall Joint Computer Conference on Nov. 6 in Dallas. He will share the award with one of his former students, Robert E. Tarjan, now a professor at Princeton University. The award is named after A.M. Turing, an Englishman who created some of the mathematical foundations of computer science in the 1930s.

"The Turing Award is the highest award one can receive in computer science," according to David Gries, chairman of the Department of Computer Science. "Many people refer to it as the Nobel Prize of Computer Sciences since there is no Nobel Prize in computer science or mathematics."

Hopcroft and Tarjan are being honored for their individual and joint contributions in algorithms, which are computer programs that consist of "recipes" for solving problems.

Hopcroft said that his work in data structures and algorithms has centered on the problem of taking information stored in computers and organizing it to gain fast access so it can be read and manipulated.

He explained that up until 1970, algorithm research consisted of writing an algorithm, testing it and publishing the running time. Someone else would then construct

## Improvements urged for Arecibo

Cornell operators of the Arecibo Observatory want to improve the world's largest radio-radar telescope the way a homeowner blocks out noisy neighbors — by building a fence.

Construction of a 60-foot-high screen around the rim of the 1,000-foot-wide telescope reflector in Puerto Rico would nearly double opportunities for observing the uni-

verse, according to scientists at the National Astronomy and Ionosphere Center who explain that the wire-mesh screen would shield the telescope from terrestrial interference, the unwanted radio and radar signals that originate on Earth.

Together with a new system of subreflectors suspended above the reflector dish, the screen could increase radio tele-

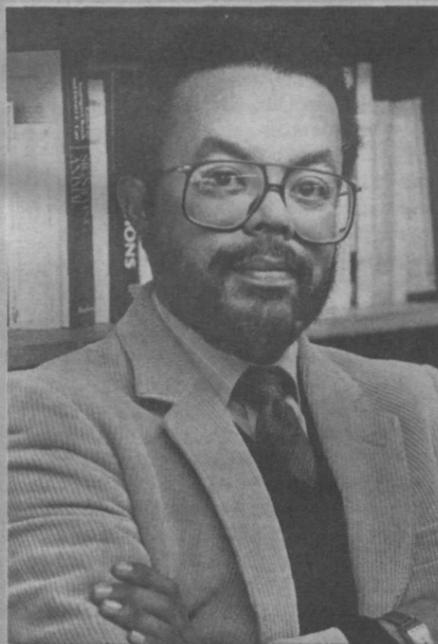
scope sensitivity by a factor of three to 10 and radar astronomy sensitivity by a factor of six to 40, astronomers estimate.

Radio astronomers and atmospheric scientists gathered in Ithaca Oct. 13-15 to review Arecibo's accomplishments and hear plans for the giant telescope, which is oper-

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Continued on page 8

## Nobel Laureate Wole Soyinka: Artistry and activism



Henry Louis Gates Jr.

Nigerian playwright and novelist Wole Soyinka's selection as the 1986 winner of the Nobel Prize in literature last week was particularly satisfying for Henry Louis Gates Jr., a professor of English, comparative literature and Africana studies.

Gates has been a close friend of Soyinka since 1973 when, as a graduate student at Cambridge University, he took a course in African literature taught by Soyinka. At the time, the Nigerian author was a visiting professor at Cambridge and was in exile from his homeland.

For the past six years, Gates, as president of the Afro-American Academy, has been formally nominating Soyinka for the Nobel Prize in literature.

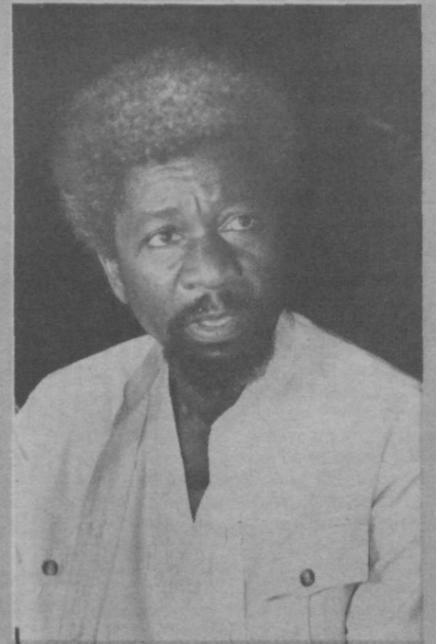
"I thought I was a voice in the wilderness until I learned this year that Soyinka has been nominated for 20 years straight," Gates said. "That's quite a distinction in itself when you realize he is only 52."

"His life has not been easy, by choice, because he has insisted upon fighting racism and fascism wherever it might be found," Gates said of Soyinka. "He was incarcerated for 27 months in 1967, 24 of which were in solitary confinement. He was tortured and almost killed several times."

Gates said he and his wife Sharon Adams have received several phone calls in the last five years from Soyinka when he has had to leave his homeland for fear that various repressive governments there would have him put to death.

"Fortunately, he appears to have a good relationship with the latest government," said Gates, who was instrumental in arranging Soyinka's stay on campus last fall as a senior fellow of the Society for the Humanities.

Earlier this year, Soyinka agreed to return to Cornell to teach in the Department of Theatre Arts for one semester each year over three consecutive years starting in the fall of 1988.



Wole Soyinka

Continued on page 11

## Notable

**Richard Ledford**, chairman of the Department of Food Science, presented the American Society for Microbiology lecture series in Tucuman, Argentina, Oct. 6-17. This was the ninth annual series sponsored by the National University and the American Society for Microbiology. Its theme was "Microbiology and Technology of the Lactic Acid Bacteria."

This Latin American Professor Program is designed to invite distinguished professors of microbiology to Latin America for approximately three weeks of lectures. The graduate students who attend the lectures are chosen from universities throughout Argentina and other Latin American countries.

Ledford, in addition to his administrative duties, teaches food microbiology in the Department of Food Science.

**Henry Louis Gates Jr.**, professor of English, comparative literature and Africana studies, has received a Zora Neale Hurston Award for Creative Scholarship given in memory of the black writer, folklorist and anthropologist. He was one of three black literary personages honored by the newly formed Zora Neale Hurston Society at its first annual convention Sept. 18-20 in Baltimore.

Gates was cited for "insightful criticism and meticulous research on Black literary theory, Black periodical fiction, African literature, the slave narrative and the Harlem Renaissance, as well as on Black writers," including Zora Neale Hurston.

"Reading Zora," Gates' book of essays

on the black authoress, who died in 1960 at the age of 68, is scheduled for release in 1987 by Methuen Publishing Co.

**Mary J. Coughlan**, a Cooperative Extension associate in the Department of Consumer Economics and Housing, has been awarded a six-month fellowship with the Women and Public Policy graduate program at the Center for Women in Government in Albany.

Coughlan will work with a legislative committee or the governor's office in the area of public policy, particularly as it relates to women and families in the state. The fellowship begins in January.

The Center for Women in Government was founded in 1978 to "remove barriers to the employment and promotion of women in the public sector," according to officials at the center, a unit of the Rockefeller College of Public Affairs at the State University of New York at Albany.

**David R. Dunlop**, the Office of University Development's director of major gifts, has been chosen the first recipient of the James L. Fisher Award for Professional Achievement, named for the president of the Council for the Advancement and Support of Education from 1978 to 1986.

The award recognizes a member of the Council's District II whose work in institutional advancement represents exceptional achievement. Dunlop will receive his award, which includes a \$1,000 gift to the educational institution of his choice, at the Council's District II annual meeting in January.

## Arecibo Observatory *Continued from page 1*

ated by Cornell under a cooperative agreement with the National Science Foundation for scientists from around the world.

The Cornell-based NAIC hopes to rally support for the planned improvements within the radio astronomy community and, in turn, to persuade the National Science Foundation to allocate funding.

Estimated cost of the ground screen is \$1.56 million, according to Tor Hagfors, a professor of electrical engineering and director of NAIC.

The screen can be built, without disturbing observations at the telescope, within two years, Hagfors said. In the meantime, detailed plans for the second and more costly phase of the proposed upgrading, the addition of the sub-reflectors, would be completed.

That improvement, called an offset Gregorian sub-reflector, would bring the total cost of upgrading the Arecibo facility to between \$10 million and \$15 million, Hagfors noted.

Originally built for \$9.3 million in 1963

in the mountains of northern Puerto Rico and upgraded in 1974 for \$8.8 million, the Arecibo Observatory is composed of a 20-acre reflector dish of perforated aluminum panels that capture incoming signals and reflect outgoing transmissions. A 600-ton triangular platform hanging by cables 426 feet above the reflector holds transmitters, receivers and antennas.

Radar signals beamed from Arecibo toward objects in our solar system reveal surface details of planets, rings and satellites, as well as distances and information on the chemical composition of these objects.

However, a telescope as sensitive as Arecibo's is susceptible to interference at angles close to the surface. Some noise comes from the telescope's transmitters themselves and echoes back from surrounding hills and the ocean surface, much the way weather radar falsely displays ground clutter as rain showers. Outside sources of electromagnetic energy also contribute to received signal pollution.

Installing the ground screen and replacing the complicated but inefficient system of line feeds with sub-reflectors that are enclosed in a radome would eliminate nearly all interference, the astronomers predict.

Much better observations of asteroids and comets, satellites of the outer planets, pulsars, distant galaxies and clouds between galaxies would be possible with the improvements to the observatory, according to the astronomers. And SETI, the search for extraterrestrial intelligence, could be expanded to many more radio frequencies.

"Perhaps Arecibo's most impressive accomplishments are yet to come," Hagfors said. "The large increase in sensitivity, frequency coverage and bandwidth provided by the ultimate upgrade will increase the likelihood of serendipitous discoveries," he said.

— Roger Segelken

## Clarification

An article in last week's Chronicle reported the findings and suggestions of the university's Human Relations Task Force.

On the issue of binding arbitration, that panel recommended that the university "give serious consideration to adopting a policy that would allow for arbitration of complaints concerning alleged misapplication or misinterpretation of University personnel policy, particularly those affecting on-the-job situations."

The task force's recommendation was not limited to cases relating to minorities and women.

## Rhodes to seek more support for U.S. research, education

President Frank Rhodes will seek increased government and industry support for research and education as the new chairman of the American Council on Education.

"We need to reach a national agreement on the federal government's role in education before the 1988 election," Rhodes said in an interview. "The future of our country depends on our ability to compete in world markets. Our ability to compete depends upon having an educated citizenry that is developing new knowledge."

Rhodes was named president of the American Council on Education during its annual conference in San Francisco Oct. 5-8. The council has 1,500 member institutions and is the coordinating group among all associations of higher education and its member colleges and universities.

"We need a new working relationship among Congress, industry and universities to transform can't-do America — with its

high labor costs, its antiquated equipment, its myopic preoccupation with short-term gains and its worsening balance of trade — into can-do America: lean, efficient, determined and productive," Rhodes said.

Rhodes, who is also chairman of the Carnegie Foundation for the Advancement of Teaching, said educators must place more emphasis on the liberal arts.

"The most important function of liberal arts is not career preparation or character development. It's cultivation of the mind," Rhodes said.

"Education can be vocational, but it should help people lead a meaningful life," Rhodes said. "The liberal arts encourage individual engagement and thus promote public taste; they invite the development of personal principles and standards and thus contribute to the social conscience; they challenge private assumptions and prejudice and thus enlarge the common understanding."

## Eleanor Norton to speak on family law

Eleanor Holmes Norton, former chairwoman of the U.S. Equal Employment Opportunity Commission, will lecture on "Family Law: Its Impact on Women, Present & Future" Oct. 28 at 8 p.m. in Alice Statler Auditorium.

Norton, who was chairwoman of the commission from 1977 to 1981, is a professor of law at Georgetown University in Washington, D.C., and an authority on affirmative action, comparable worth, labor relations, and family, race and gender issues.

Although the lecture is free and open to the public, admission tickets will be required. They are available at the Willard Straight Box Office, and in downtown Ithaca at Smedley's Book Store, the Greater Ithaca Activities Center and Southside Community Center.

The lecture is co-sponsored by the Women's Studies Program, Center for International Studies, College of Human Ecology, Law School, University Lectures



Eleanor Holmes Norton

Committee, College of Industrial and Labor Relations, Department of Government, and Africana Studies and Research Center.

## Briefs

■ **International T.A. training:** The Intensive English Program will offer a special program for teaching assistants whose native language is not English during inter-session, Jan. 7-20 from 9 a.m. to noon daily.

The International T.A. Training Program is free and open to international students who are currently or will be T.A.'s in the spring or fall '87 semesters. Students will receive instruction in pronunciation, rhetorical strategies and classroom dynamics. Videotapes will be used to critique student presentations.

Class size will be limited, and applications are due Nov. 24. For more information or application forms, contact Ingrid Arnesen, program director, at 255-5279 or 255-6349, or stop by 103 Morrill Hall.

■ **Cornell Abroad seeks directors:** Anyone who would like to be considered for a position as a resident director at one of Cornell's sites abroad for undergraduate study is invited to send a curriculum vitae or resume to 130 Uris Hall by Nov. 1

Directors are being sought for the United Kingdom Centre in London for spring semester 1987 and/or academic year 1987-88; for the program at the University of Seville for 1987-88; for the program at the University of Hamburg for 1987-88; for the program at the University of Rome for spring semester 1987 and/or academic year 1987-88; and at the Graduate Institute of International Studies in Geneva for 1987-88. Applicants must be fluent in the language of the country.

Specific duties vary by program site and further information can be obtained from the Cornell Abroad office at 255-6224.

■ **Collegietown NeighborFest:** The Collegietown Neighborhood Council and Student Agencies will hold a NeighborFest Nov. 1 between 11 a.m. and 1 p.m. on lower Oak Ave. in Collegietown. It will feature a Meet-Your-Neighbor-Open House, a fund-raising

auction for the benefit of Cascadilla gorge restoration, information and displays on fire and crime prevention, and entertainment.

■ **M. Kay Nelson appointed:** The Office of Institutional Planning and Analysis announces the appointment of M. Kay Nelson as senior research/planning associate, effective Oct. 13. Nelson comes to Cornell from Ithaca College where she was affirmative action officer. She earned a bachelor's degree at Southern Oregon College in 1965 and a master's degree at Eastern Montana College in 1976.

■ **Olin Library seminars:** Olin Library Reference's final Government Documents Seminar of the semester is scheduled for Oct. 31 from 1-3 p.m. It will take place in Olin Library 701. Sign up at the reference desk or call 255-3319.

Two more general research seminars will be given: Oct. 24 from 1 to 3 p.m. and Nov. 13 from 11 a.m. to 1 p.m. These, too, take place in Olin 701. Sign up at the Olin reference desk or call 255-3319.

■ **WordPerfect manager coming to campus:** Kim Cooper, manager of WordPerfect Corporation's educational accounts, will be on campus Oct. 29 to discuss the current status of and future plans for WordPerfect and to hear suggestions for improving WordPerfect as an academic tool.

Cooper will speak at 2:30 p.m. in the Hollis C. Cornell Auditorium in Goldwin Smith Hall. Among the areas his talk will cover are WordPerfect on the Macintosh and applications of WordPerfect at other universities. The talk is open to the public.

■ **Red Cross bloodmobile:** The Tompkins County RRED Cross will station a bloodmobile at Martha Van Rensselaer Auditorium Oct. 27 from 10 a.m. to 3:45 p.m., sponsored by the College of Human Ecology. For an appointment, call 273-1900.

## Cornell CHRONICLE

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CIRCULATION MANAGER:  
Joanne Hanavan

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It is the policy of Cornell University to support actively 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 that will assure the continuation of such equality of opportunity.

# Summit set-up seen as having minimal effect



Benjamin Ginsberg

The Iceland summit was a Soviet setup designed to use political pressures to force major arms concessions by the United States or embarrass President Reagan, according to Benjamin Ginsberg, professor of government and the author of a forthcoming book on Reaganism.

"From the Soviet perspective, it was a no-lose proposition," said Ginsberg. "The Russians double-crossed Reagan. The president made a mistake by agreeing to the summit."

But it is a mistake that will cost the Republicans virtually nothing in the upcoming November elections, added Ginsberg, an expert on American electoral politics.

"If the Democrats attack the summit results, Reagan will jump on them for supporting the Soviet Union instead of the United States. The Democrats have to sit tight, be quiet and let the results speak for themselves," Ginsberg said.

It was politics, not a desire for arms control, that brought Reagan and Soviet leader Mikhail Gorbachev to Iceland, according to Ginsberg.

"Arms control has become a motherhood issue in the United States," he explained. Reagan, facing half a dozen close races that could cost the Republicans control of the

Senate, gambled that a successful summit might boost the chances of GOP candidates.

American and Soviet negotiators probably reached a limited arms-control agreement before the summit, Ginsberg said. Reagan thought the Reykjavik meeting would be quick and allow him to "come before the American public as a peacemaker," helping extend his extraordinary personal popularity to GOP candidates.

Ginsberg suggested that, once in Iceland, the Soviets carried out a plan to up the stakes. They wanted Reagan to give up the Strategic Defense Initiative, commonly called "Star Wars," or go home without an agreement.

"The Soviets believed that they could subject Reagan to considerable pressure to make an agreement that he otherwise might not have been willing to make," Ginsberg said. "Reagan proved them wrong. He gave up the chance for short-term political gain."

Had the same arms control proposals been rejected by negotiators at the Geneva arms talks, without Reagan's personal involvement, the Democrats "might be more forthcoming in their attacks," Ginsberg said. But Reagan's strong popularity ratings make it imprudent for the Demo-

crats to attack the summit's outcome.

"Measured against what might have been, Reagan passed up a chance to enhance Republican electoral chances," Ginsberg said. Compared to the pre-summit situation, the Republicans will not lose ground because "most voters believe there is some fault on both sides," American and Soviet.

What about the lost opportunity to reduce the nuclear arsenals? "Very few people are convinced that some reduction in the number of nuclear weapons is actually relevant to our peace and security," Ginsberg said.

"Would reducing the number of warheads that each side has from 6,000 to 3,000 make us safer? Would that increase the likelihood of peace? Of course not. The precise number of warheads and the probability of war are utterly unrelated."

"All policy makers know this," Ginsberg concluded. "Arms control negotiations are conducted for political purposes."

Ginsberg's book on Reaganism, co-written with Martin Shefter, associate professor of government and titled "Reconstituting American Politics," will be published by Basic Books in 1989.

— Mark Eyerly

## Scholars to work together to solve Haiti's problems

A group of U.S. and Haitian scholars plan to work together to reduce poverty and underdevelopment in the Caribbean nation where most people eat full meals only three times a week.

These experts in peasant farming and urban chaos are discussing ways to teach 5 million people, about 80 percent of Haiti's population, how to read and write.

They seek means to replace Haiti's dependence on U.S. and other foreign companies that pay low wages to manufacture sporting goods, textiles and electronic products for export from a country where per capita income is less than \$1 a day.

But flour costs 27 cents a pound, local sugar 34 cents a pound and cooking oil \$6.60 a gallon.

About 50 specialists in Haitian problems met at Cornell University for four days in October to prepare an agenda for the West Indies republic, which the United Nations classifies as the West's least developed nation.

Health problems challenge the reformers. In Haiti, the average person lives only 53 years, and 150 out of every 1,000 babies die at birth.

No wonder. The black nation has a population of 6 million, but supports only 600 medical doctors and 60 dentists, one specialist told the conference. More Haitian doctors are practicing medicine in Canada for better pay than remain in Haiti today.

Haiti's problems deal with simple needs. One expert said he is trying to find way to manufacture more machetes, sickles and hoes. These primitive tools have been used by Haiti's peasants since they rebelled against French colonial rule in 1804 and set up the world's first black republic.

But, 182 years later, there are not enough hand tools to go around. Many Haitian farmers now must rent tools, working one day to pay two-day's rent for a single hoe.

The specialists from universities in Haiti and the United States developed no solutions. But conference organizer Patricia Haines said their reports will be published and circulated as a first step towards

exchanging information and recommendations for Haiti's future.

Haines, director of Cornell's intercultural project, said the U.S.-Haitian conference — the first of its scale in 30 years — could be held only because 29 years of Haiti's dictatorial rule ended Feb. 7 when President Jean-Claude Duvalier fled into exile, permitting scholars to travel.

Alex Dupuy, a Haitian who teaches anthropology at Wesleyan University (Connecticut), described rural poverty and destitution in Port-au-Prince, the capital, where population has doubled to more than 1 million in less than five years.

"Fifty percent of adults are unemployed in Port-au-Prince," Dupuy told the conference. "Seventeen percent of the workers earn less than \$30 a year. Haiti's per capita income is only \$250 a year. Sixty percent of the people in Port-au-Prince, 83 percent in provincial towns and 93 percent in rural areas eat only three meals a week."

Dupuy quoted a World Bank report, which said that Haiti provides advanced nations with the world's lowest labor costs because employers make available no health insurance, no sick leave and no paid holidays and pay sub-standard wages.

Leslie Voltaire, an urban planner in Port-au-Prince's Faculty of Science, said Haiti's fertile land, on which most of the population lives, is washing out to sea. The tropical nation, which is situated on the island of Hispaniola 580 miles from Florida, is about the size of Maryland.

"Almost two-thirds of our land is eroded and our production is declining," he said. "We must find ways to prevent malnutrition and to stem the migration of our rural people to the cities and to other countries. Education now is our first priority."

Another Haitian speaker said, "Our teachers are paid only \$40 a month — when they get it."

Gerald Murray, who does research on Haitian land usage at the University of Florida, said that one priority is to increase production of fast-growing trees that can be cut to make charcoal, boards and carrying poles.



Alex Dupuy, a Haitian anthropologist teaching at Wesleyan University in Connecticut, leads a discussion during the U.S.-Haitian conference here last weekend. At left is Clotilde Manuelle, a Haitian sociologist.

"Peasants must know that they own these trees, that they are going to generate cash from them," he said. "They sabotage trees they don't own by such methods as planting them upside down, roots in the air and branches in the ground."

The Rev. Jeffrey Duaine, who is returning to Haiti as a Roman Catholic priest after studying there one year, said his church hopes to teach all Haiti's 5 million illiterates to read and write in five years.

The challenge is great. "The people want to learn," said Sister Leslie Ann, an Episcopal nun who directs a Port-au-Prince trade school.

"But children lack proper help at home. What can you expect when a mother runs a finger across a printed line and asks her child to read aloud, yet the mother herself is illiterate?"

Just the problem of collecting rain water challenges Haiti.

"We must build cisterns and reservoirs to collect water now lost when it runs off roofs and trees," said Alex Bellande, research director on peasant resources in Haiti.

"Now we waste time carrying water from springs to our homes. We are using the same farm tools our ancestors used in colonial days. We want a French expert to come to Haiti and teach our people advanced tool making. Only one-fourth of our farmers can afford to own a pick."

Organizers hope that the Cornell conference will lead to establishment of a permanent body for research and action in solving Haitian problems.

Conference sponsors included the Episcopal Church, American Airlines, Cornell's centers for International, Africana and Latin American studies, and several other university and student groups.

— Albert E. Kaff

## New high school economics course features Cornell material

High school seniors in New York State will be required to study economics beginning in 1988, and Cornell Cooperative Extension and the New York State Banking Department are developing teaching materials for instructing young people how to manage their money.

Cornell experts in consumer economics wrote and produced a 50-minute video tape entitled "You're Accountable" that deals with financial problems facing young adults.

The tape and its accompanying teacher's workbook will be available in English and Spanish for use in the state-required eco-

nomics course.

"The video tape deals with the general topics of saving, spending and borrowing," said Josephine A. Swanson, a Cornell senior extension associate in consumer economics and housing.

"One case study is presented on each topic. In savings, the options a high school senior faces in putting away money for college are examined, whether to select a certificate of deposit, a passbook savings account or some other savings alternative.

"The case study on spending examines the uses of a checking account to handle

day-to-day finances. In borrowing, we present the case of a young woman starting work in a manufacturing enterprise who needs a car to get to her job, and how she goes about obtaining a loan with a co-signer."

Swanson supervised the writing and production of the video lessons and workbook. Media Services taped the course with sponsorship by the State of New York Banking Department.

"About 15 to 20 percent of New York's high schools now are teaching the economics course," Swanson said. "By next year,

about 50 percent of the schools will give the one-semester course. It will be required in all New York high schools starting in the fall of 1988."

Swanson said the tape also can be used in teaching high school business, consumer education and vocational courses.

Joan Falkenberg of Media Services directed the tape, produced in cooperation with the State Education Department and the New York Council on Economic Education.

— Albert E. Kaff

# CALENDAR

All items for the calendar, except seminar notices, should be submitted (typewritten, double spaced) by mail or in person to Fran Appar, Central Reservations, 531 Willard Straight Hall.

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions, and also the sub-heading of the calendar in which the item should appear, i.e. dance, lectures, music, etc.

Seminar notices should be sent to arrive at the Chronicle office, Village Green, 840 Hanshaw Road, 10 days prior to publication.

These deadlines will be enforced.

## DANCE

### Israeli Folkdancing

Folkdancing every Thursday at 8:30 p.m. in the Edwards Room, Anabel Taylor Hall.

### Cornell Dance Series

New York Baroque Dance Co. and Concert Royal, Oct. 24, 8 p.m., Statler Auditorium. Tickets on sale at McBooks, Willard Straight Box Office, Cornell Dance Office, (Helen Newman Hall), and at the door. For more information call 255-2360, 9 to noon daily.

### Cornell Folkdancing

A workshop on Balkan Folkdancing taught by Dick Crum will be held Oct. 25 and 26 in the auditorium of Martha Van Rensselaer Hall. The program includes two teaching sessions on Saturday and a party in the evening and a third teaching session on Sunday. Admission is \$18 or \$5 per session. For information call 257-3156 or attend a free pre-workshop party Oct. 24 at 8 p.m. in the North Room of Willard Straight Hall.

Cornell folkdancers meet in the North Room of Willard Straight Hall on Sundays throughout October except Oct. 26. Free instruction from 7:30 till 8:30 p.m., followed by request dancing till 10:30 p.m. Beginners welcome, no partners needed. For more information call 257-3156.

## EXHIBITS

### Johnson Art Museum

The Herbert F. Johnson Museum of Art, located on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Call 255-6464 for further information.

"Cornell University Art Department Exhibition," through Oct. 26.

"Frank Lloyd Wright and the Johnson Wax Buildings: Creating a Corporate Cathedral," through Nov. 9.

"Urban American Visions" through Oct. 26.

**Lunchbox Tours** Free half-hour gallery talks presented by the museum's education department staff followed by lunch in the scenic sixth-floor Conference Room. Coffee and tea will be provided. Gallery talks are scheduled for Thursdays in October. Participants should meet in the lobby at noon.

"Arts from Asia: Materials and Techniques" on Oct. 23.

"Face to Face: The Art of Portraiture" on Oct. 30.

**Masks, Myths and Messages** Mask making, a guided art activity, Oct. 25.

"Uncommon Places: The Architecture of Frank Lloyd Wright," an hour-long documentary tracing the life and career of the late master architect Frank Lloyd Wright will be shown in the museum's lecture room at 2 p.m. on Oct. 25. Free admission.

"Shouts from the wall," an exhibition of 26 political posters from the Spanish Civil War on loan from the Tamiment Archives of New York University's Bobst Library, through Dec. 21. Sponsored by the Western Societies Program and the Department of Romance Studies, to commemorate the 50th anniversary of the war.

### Olin Library

"Fight for Freedom: The Hungarian Revolution after 30 years," through Dec. 20.

"1936 - 1956 - 1986: War and Revolution in Spain and Hungary," on the first floor and lower level. Sunday - Thursday, 8 a.m. - midnight.

Fine binding marbling since 1976. Rare Books room, 8 a.m. - noon; 1 p.m. - 5 p.m.

### Cornell Architecture

"Haiti, The First Black Republic and its Monuments to Freedom," Hartell Gallery, through Oct. 25.

### Willard Straight Art

Steve Van Nocker will show his photography in the Willard Straight Hall Art Gallery through Nov. 1.

## FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (\*) indicates admission is charged.

### Friday 10/24

"Ginger and Fred" (1986), directed by Federico Fellini, with Guilietta Masina and Marcello Mastroianni. Limited. 7:30 p.m., \*Uris Hall.

"Brazil" (1985), directed by Terry Gilliam, with Hanathan Pryce and Robert DeNiro. Limited. 10:15 p.m., \*Uris Hall.

"The Trip to Bountiful" (1985), directed by Peter Masterson, with Geraldine Page, John Heard, and Rebecca DeMornay. Limited. 8 p.m., \*Anabel Taylor.

### Saturday 10/24

"Ginger and Fred" (1986), 9:45 p.m., \*Uris Hall.

"Brazil" (1985), 8 p.m., \*Statler Auditorium.

"The Trip to Bountiful" (1985), 7 p.m., \*Uris Hall.

"Pink Floyd: The Wall" (1982), directed by Alan Parker, with Bob Geldof. Limited. 11 p.m., \*Statler Auditorium.

### Sunday 10/26

"Pale Rider" (1985), directed by Clint Eastwood, with Clint Eastwood, Carrie Snodgrass, and Michael Moriarty. Limited. 8 p.m., \*Uris Hall.

"Mati Manas" (1985), directed by Mani Kaul. Documentary. Co-sponsored with the South Asia Program and CCPA. Free. 2 p.m., Uris Hall.

### Monday 10/27

"Insignificance" (1985), directed by Nicholas Roeg, with Gary Busey and Tony Curtis. Open. 8 p.m., \*Uris Hall.

### Tuesday 10/28

"Mukhamukham (Face to Face)" (1984), directed by Adoor Gopalakrishnan, with P. Ganga and B.K. Nair. Co-sponsored with the South Asia Program. Free. 8 p.m., Uris Hall.

"Bali: The Morning of the World" Southeast Asia Film Series. Free. 4:30 p.m. Uris Library Media Center.

### Wednesday 10/29

"Umburtha (The Threshold)" (1982), directed by Jabbar Patel, with Samita Patil and Girish Karnad. Co-sponsored with the South Asia Program. Free. 4:30 p.m. Uris Hall.

"Where's Piccone?" (1984), directed by Nanni Loy, with Giancarlo Giannini and Lina Sastfi. Open. 8 p.m., \*Uris Hall.

"The Eyes of the Birds (Uruguay)" (1986) directed by Gabriel Auer. The film dramatizes a few days' life inside an Uruguayan prison. Sponsored by the Committee on US - Latin American Relations and the Latin American Studies Program. Free, 8 p.m., Anabel Taylor Auditorium.

"The Year of the Pig," a documentary about the American war in Vietnam. Presented by the Southeast Asia Program. Free, 3 - 5:30 p.m. in room L-04 of Uris Library.

## LECTURES

### A.D. White Lectures

"Forgiveness in Greek Popular Morality," Sir Kenneth Dover, former president, Corpus Christi College, Oxford University, 4:30 p.m., Oct. 29, Kaufman Auditorium, Goldwin Smith.

### Chemistry

"Protein Conformation," a day-long symposium honoring Harold A. Scheraga on the occasion of his 65th birthday. Speakers from the Weizmann Institute of Science, Stanford, Harvard, Purdue and Yale universities, and the University of California at Berkeley and at San Francisco, 9 a.m., Oct. 25, 200 Baker Laboratory of Chemistry.

### Computer Science

"Computer Science: The Emergence of a New Discipline," John Hopcroft, Joseph C. Ford Professor of Computer Science, recipient of the 1986 ACM Turing Award, 4:30 p.m., Oct. 23, Anabel Taylor Hall Auditorium.

### Cornell Architecture

"Giulio Romano and Andrea Palladio, The Palazzo Thiene in Vicenza," Kurt Forster, 5:30 p.m., Oct. 23, 120 Ives Hall.

"Andrea Palladio's Vicenza. Urban Architecture and the continuity of change," Martin Kubelik, 5:30 p.m., Oct. 24, 120 Ives Hall.

Thomas Lecture speakers with Margherita Azzi-Bisentini, Bette Talvacchia, and Clemente di Thiene, 3:30 p.m., Oct. 26 Martha Van Rensselaer amphitheatre.

"Recent Projects, Dietrich Bangerl, 5:30 p.m., Oct. 29, 115 Tjaden Hall.

### Cornell Linguistics Circle

"On the Stress of Phrase and Compound Words in English," Morris Halle, Dept. of Linguistics and Philosophy, Massachusetts Institute of Technology, 4:30 p.m., Oct. 23, Morrill 106.

"On Rule Strata, Cyclic constituents, and the Relationship between Phonology and Morphology," Morris Halle, 12:20 p.m., Oct. 24, Morrill Hall Lounge 2F.

### Hillel

"Holy Days: My Encounter with the World of Hasidism," Lis Harris, journalist and writer for *The New Yorker*, 8 p.m., Oct. 29, Anabel Taylor Hall Founders Room.

In her critically-acclaimed book, "Holy Days: The World of a Hasidic Family," Harris relates her observations of a family over a period of years and the community's rituals, relationships between men and women, reverence for spiritual leaders and efforts to cope with the outside world.

### Psychology

"Seeing in Time," The James A. Gibson Lecture, David N. Lee, Edinburgh University, Scotland, 4 p.m., Oct. 31, Hollis E. Cornell Auditorium.

### South Asia Program/ Human Biology Program

"Antiquity of man in North Pakistan," Bridget Allchin, 4:30 p.m., Oct. 27, Stimson Hall 206A.

"New light on the city of Taxila," F. Raymond Allchin, 4:30 p.m., Oct. 28, Stimson Hall 206A.

### Southeast Asia Program

"U.S. - Indonesian Relations," Gene Christy, Department of State, 12:20 p.m., Oct. 23, 102 West Ave. Ext.

"Family, Society, and Economy in Socialist Vietnam," Christine White, visiting professor, 12:20 p.m. Oct. 30, 102 West Ave. Ext.

### Soviet Studies

"Recent Developments in Cultural Politics in the U.S.S.R.," James H. Becker Alumni Lecture Series, Vladimir Padunov, formerly assistant professor of comparative literature, University of Iowa, 4:30 p.m., Oct. 27, 177 Goldwin Smith Hall.

### Women's Studies

"Family Law: Its Impact on Women, Present and Future," Eleanor Holmes Norton, Professor of Law, Georgetown University, former chair of the U.S. Equal Employment Opportunity Commission, 8 p.m., Oct. 28, Statler Auditorium. Free admission. Tickets available at GIAC, Smedley's, Willard Straight Box Office, and Southside Community Center.

"The Role of Women in Law: Women in the Legal Profession," Eleanor Holmes Norton, 4:30 p.m. Oct. 28, Hollis E. Cornell Auditorium, Goldwin Smith Hall.

## MUSIC

### Bound for Glory

Orealis, a Scottish/Celtic band from Montreal, Oct. 26. Free and open to the public. Three live sets at 8:30, 9:30 and 10:30 p.m. in the Commons Coffeehouse in Anabel Taylor Hall. Broadcast live on FM 93 on Sundays from 8 to 11 p.m. Also on 105.5 FM.

### Cornell Folk Song Club

Cornell Folk Song Club holds two informal group sings each month. One is held on the first Wednesday of each month, at the Unmuzzled Ox Coffeehouse on Oak Ave. in Collegetown, the other on a Saturday evening to be announced.

Cris Williamson, singer, songwriter, will headline a concert that also includes Australian topical songwriter Judy Small and guitarist Tret Fure, 8:30 p.m., Oct. 29, Statler Auditorium in Goldwin Smith Hall. Tickets are \$5, \$4 for members and will be on sale at the Commons Coffeehouse in Anabel Taylor Hall, Borealis Books in Collegetown and the Ithaca Guitar Works.

### Cornell Dept. of Music

Reading Opera: A Symposium on Libretti, Oct. 23 - 26, A.D White House.

Sonya Monosoff, violin; Gilbert Kalish, piano. Works by Beethoven, Debussy, Brahms, 8:15 p.m. Oct. 25, Barnes Hall.

Cornell Symphonic Band: J.J. Hilliger conducts works by Mendelssohn, Milhaud, Rossini, others. 4 p.m. Oct. 26, Bailey Hall.

Julian Bream, guitar. Works by Scarlatti, J.S. Bach, Brouwer, Britten. 8:15 p.m. Oct. 27, Bailey Hall.

Donald Paterson, organ. Works by Clerambault, DuMAGE, Pachelbel, J.S. Bach, Franck. 8:15 p.m., Oct. 31, Sage Chapel.

### Greek Folk Music

A night of Greek Folk Music with the "Taximi" group and friends, 8 p.m., Oct. 26, Kaufman Auditorium, Goldwin Smith Hall. Free. Organized by the Aegean Society.

## RELIGION

### Sage Chapel

The Rev. Robert L. Johnson, director of Cornell United Religious Works, will preach at Sage Chapel Oct. 26 at 11 a.m. His sermon topic will be "Believing in God."

Music for the service will be provided by the Sage Chapel Choir under the direction of Donald R. M. Paterson, university organist and Sage Chapel choirmaster.

### Catholic

Mass: Every Saturday, 5 p.m., Anabel Taylor Auditorium. Every Sunday, 9:30 and 11 a.m. and 5 p.m., Anabel Taylor Auditorium. Monday through Friday, 12:20 p.m. Anabel Taylor Chapel.

Sacrament of Penance Saturdays from 3 to 4 p.m., G22 Anabel Taylor, or by appointment, 255-4228.

# Trustee-Council Weekend

## Jerome Holland portrait unveiled at Int'l. Center

University officials, family and friends of Jerome H. (Brud) Holland gathered at the Jerome H. Holland International Living Center Oct. 16 for the unveiling of a portrait of Holland and the dedication of memorial plaques to be placed in the center's Flag Room.

The ceremony was an occasion for recalling the outstanding achievements of Holland, a Cornell football great and 1939 graduate who was an educator, diplomat, businessman and statesman. His son, Joseph H. Holland, a 1978 graduate of Cornell and an outstanding football player, too, spoke of his father's legacy.

"The Holland family would like you to remember not only that he achieved, but how he achieved," Holland said. "He did it by overcoming great obstacles and he did it with dignity to foster brotherhood."

Holland recalled that when his father arrived on the Cornell campus in the fall of 1935, he worked in the basement of a fraternity house, shoveling coal into a furnace, to earn his room and board, and did this all through his years at school.

Brud Holland was one of Cornell's greatest athletes and twice was named an all-American end. But when he came to graduate, no professional football team wanted him because blacks were not allowed to play professional football in those days, Holland noted.

"But he did not become discouraged. He faced that obstacle head on," earning professional degrees and later distinguishing himself as an educator, diplomat, businessman and statesman, Holland said.

But even after he had become a college president and was named ambassador to Sweden in 1970, there were tensions, Joseph Holland continued: Eggs were thrown at him, he was insulted and he needed a bodyguard 24 hours a day; but



Portrait of Jerome H. (Brud) Holland, painted by Anthony Watkins, unveiled at the Jerome H. Holland International Living Center last week.

still he took it upon himself to visit hundred of places in Sweden to foster brotherhood and understanding.

"His life mission was to bring reconciliation and to foster brotherhood . . . Jerome H. Holland, as a man of great achievement, did it in a very special way: He did it with dignity," Holland said.

"There will be obstacles during your time here," Holland told the students of the International Living Center, "and there will be moments when you feel alone. But the memory of Jerome Holland should remind you to face those obstacles with an attitude to overcome them. Then you, too, will be laying the road of prosperity."

Holland was president of Delaware State College in Dover from 1953 to 1960 and president of Hampton Institute in Virginia from 1960 until 1970 when he was named ambassador to Sweden. He returned to the United States from Sweden in 1972 and became the first black member of the New York Stock Exchange.

— Carole Stone

## Tower Club offers challenge

A group of Cornell's major donors has promised new support for student aid, academic programs and facilities projects by establishing a \$25 million challenge.

If the university's Tower Club — members are alumni, parents and friends who give Cornell at least \$2,500 annually — has at least 3,000 members by the spring of 1988, a group of anonymous donors will provide \$25 million for university priorities.

The Tower Club, which celebrates its 25th anniversary in 1988, had nearly 1,900 members this past year, according to Kenneth T. Derr, the group's national chairman.

The challenge from members of the President's Circle of the Tower Club was announced Oct. 17 by President Frank Rhodes during the annual joint meeting of the University Council and the Board of Trustees. The council includes more than 400 alumni who assist and advise the university in a wide variety of matters.

Members of the President's Circle give \$25,000 or more a year.

Introduced under the banner "A Shining Promise," the campaign includes special qualifying levels. The traditional \$2,500 annual gift level will remain in effect, but alumni from the classes of 1984 through 1988 can qualify by making annual gifts that total at least \$2,500 over five years.

In addition, alumni from the class of 1938 and earlier can become members of the Tower Club this year and next year by establishing a \$5,000 life income agreement or bequest, Derr explained.

Derr, a Cornell trustee, said the Tower Club's silver anniversary challenge "offers all alumni and friends of the university a significant opportunity to help the university meet its critical needs in the areas of student financial aid, sustaining and advancing academic programs, and providing endowment and new facilities."

## No evidence of widespread illegal drug abuse found on campus

There is no evidence of widespread use of illegal drugs by Cornell students, faculty or staff members, according to a study by professionals who treat substance abusers.

Alcohol abuse appears to be a more serious problem than illegal drug use, the university Board of Trustees was told Oct. 17 in a report from the Office of the Vice President for Campus Affairs.

"There may in fact be little use of drugs at Cornell — or our current tracking system may not be accurately identifying the level of the problem," said Debra E. Turner, who conducted a six-week survey of university and community agencies.

A random survey of Cornell students and staff may be conducted to "refine out data-collection procedures," said Turner, a specialist in higher-education administration

who serves as an intern in the Office of Campus Affairs and as director of the Noyes Center student union.

Only 3 percent of the cases treated at the psychological services unit of University Health Services last year were drug-related, the survey found. The psychological services unit, which sees between 1,200 and 1,300 cases a year, mainly treats university students but also is open to faculty and staff members.

A service that provides counseling for faculty and staff members, the Employee Assistance Program, reported that 10 percent of its 580 cases last year were drug- or alcohol-related. However, that service does not distinguish between drugs and alcohol in compiling statistics, Turner noted, and the proportion of drug-related problems is

## Leadership in education sorely needed: Rhodes

Expressing serious concern about the growing educational needs of America's children and the questionable quality of teacher preparation, President Frank Rhodes told the trustees and University Council last Friday that "the lack of federal leadership in this area . . . places added obligations on the university."

"Efforts to correct our educational deficiencies and assist the disadvantaged will demand all the professional expertise we can provide, but they also will require a level of social sensitivity, personal commitment and individual leadership of a high order," he said.

Cornell is doing what it can to encourage members of minority groups to pursue graduate studies, it supports an organization that links students with community service agencies and it assists in improving education in Ithaca and surrounding communities, Rhodes noted in describing the university's response to this challenge.

But the impact of these programs is limited by a lack of national consensus, he said, asserting that both major political parties have failed to provide leadership.

"Patriotic calls for private initiatives ring hollow in the absence of a wider strategy for national commitment," Rhodes said.

The president called on Cornell to "produce not only competent practitioners in every field, but also balanced, enlightened, committed men and women, equipped and eager for leadership in their own generation."

One way a university does this is simply by bringing students in contact with faculty members guided by strong moral convictions, Rhodes observed.

He lauded the examples afforded by Nobel laureate physicist Hans Bethe for his interest in arms control and energy problems, Physics Professor Kurt Gottfried for sparking the offer to Soviet scientist Yuri Orlov to teach here, and Pathologist George Murphy of the Medical Center for working to create a recreational center in Manhattan known as Asphalt Green.

And the liberal arts are crucial in developing leadership skills, Rhodes said, reaffirming the university's commitment to the values of a well-rounded education "in an age when the most modern professional skills may have a useful life as short as five years . . ."

The nurturing of leadership also requires "an environment of tolerance and also of participation," Rhodes continued, reminding his audience that "universities are untidy places," where "debate is always vigorous and sometimes rancorous."

Rhodes briefed the trustees and council members on major events affecting the university community, including significant new grants, the impact of the federal tax bill, crime, and the effort to enlist nearby FM stations to broadcast classical music here and "restore a missing dimension to Ithaca life."

— Irv Chapman

## Pro-divestment protests continue; 23 arraigned

Pro-divestment protests and legal actions against demonstrators continued on campus last week during the annual joint meeting of the University Board of Trustees and some 400 members of the Cornell Council.

None of the incidents, which included construction of cardboard and wooden shanties on the Arts Quad Oct. 17, resulted in arrests. However, during the week, the university served five protestors with legal papers seeking to hold them in contempt of court in connection with constructing shanties and with their subsequent refusal to dismantle them on the Arts Quad Oct. 8.

This Monday, 23 protestors, including 20 students involved in the Oct. 8 incident, were arraigned on disorderly conduct charges in Ithaca City Court and given 30 days to file legal motions. Included among the 23 were the five charged with contempt of court. They are scheduled to answer these charges before State Supreme Court Justice Frederick B. Bryant in Ithaca on Nov. 7.

The university has charged them with violating a preliminary injunction it obtained in July 1985 prohibiting construction of shantilylike structures on campus and interference with the removal of such structures.

The protestors face jail sentences or fines or both if convicted.

Two of these five also face additional charges. One, a graduate of Cornell, was charged with criminal mischief for spray-painting graffiti in the area of the Arts Quad. The second, a student, was scheduled to appear in Cayuga Heights Village Court Tuesday night to answer charges of disorderly conduct resulting from incidents that occurred when Public Safety officers tried to issue the student legal papers on the contempt-of-court motion.

The five shanties erected Oct. 17 were removed by the university the next afternoon without interference by protestors, 10 of whom reportedly had stayed in the shanties overnight.

In other protest-related incidents, about 75 people conducted a candlelight vigil outside the Herbert F. Johnson Museum of Art Saturday night as trustees dined inside. The vigil was called a "funeral for free speech on campus."

During a trustee meeting on Oct. 18, two protestors held up signs calling for "free speech at Cornell" and "open meetings."

— Martin B. Stiles

almost certainly lower than 10 percent.

Other reports came from a community-based agency called Alpha House Drug Outreach, which handled approximately 10 cases from Cornell last year, and from the Cornell Department of Public Safety, which made three arrests for criminal possession of drugs last year.

"There is no evidence of widespread use of illegal drugs at Cornell," Turner told the university trustees. "However, we will improve our data-collection procedures to confirm or deny that perception. To avoid problems in the future, we will continue to improve our prevention efforts. If new data suggest more widespread use levels than are currently apparent, then our efforts will expand to provide for treatment and rehabilitation."

The Office of Campus Affairs also will ask the University Assembly Codes Committee to review Cornell's policy statement on drugs, Turner said. That statement, which was approved in 1970, reads in part: "The presence of illegal drugs and the abuse of prescription drugs by members of the university community involves direct or potential damage to the university's educational interest. The university discourages the use of drugs and condemns particularly the use of stimulants, depressants, heroin, cocaine, morphine and similar drugs."

Turner said any recommended changes in the drug policy would be referred to the president of the university. She promised a follow-up report to the trustees in the spring of 1987.

— Roger Segelken

## Trustee-Council Weekend

# \$30 million Olin grant established for graduates

Cornell has received a \$30 million commitment to support outstanding graduate students, the second-largest award in the university's history.

The award, from the Spencer T. and Ann W. Olin Foundation, will provide \$1.5 million a year for the next 20 years.

"Developing the intellectual potential of young scholars is of great and increasing importance to our nation. It is at the heart of the university's mission," Cornell President Frank Rhodes said. "The Olin Fellowships will ensure the continued high quality of our graduate programs by creating a means of recognition and support for students of exceptional ability and promise. Those holding the title of 'Olin Fellow' will be recognized nationally as outstanding students in their fields."

Rhodes announced the gift Oct. 17 during the annual meeting of the Board of Trustees and the University Council, an alumni leadership group.

To be known as the Spencer T. and Ann W. Olin Graduate Fellowship Program, the gift will provide stipends and pay the tuition

for graduate students selected as Olin Fellows, according to Alison P. Casarett, dean of the Graduate School. Each fellowship will be awarded for three years of study and will include funding allowing students to continue their studies during the summer months.

The program will support four fellows in 1986-87. Eventually, the program will support up to 50 fellows yearly.

Olin Fellowships will be open to students from all countries and in all disciplines — including the sciences, humanities and engineering — who have completed their first year of graduate study at Cornell.

Fellows will be selected from nominations by graduate faculty representatives from each of the 89 graduate fields of study at Cornell. Awards will be based on students' potential for future intellectual success, Casarett said.

Also, an annual Spencer T. and Ann W. Olin Conference will bring current and previous fellows together with "a speaker of international prominence" to explore questions related to higher education and world

issues, Casarett said. The first Olin conference will be held in June 1987.

"This award will help attract the best and brightest students from around the world to Cornell," Casarett said. "The fellowships and conference will help stimulate intellectual interaction and cooperation and will ensure Cornell's position as a leader in higher education."

The \$30 million award follows a \$20 million gift to the Johnson Graduate School of Management in 1984 and a \$50 million gift to the Cornell University Medical College in 1983.

"It is particularly encouraging that each of these gifts was for endowment and will strengthen Cornell now and in the future," said Richard M. Ramin, vice president for public affairs.

"Much of the university's strength in teaching and research over the years has been due to the Olin family's generosity," Cornell President Rhodes said. "I know that the splendid new Olin Fellows program will inspire even greater accomplishments in the future. We are pleased to honor the

leadership and generous support provided by Spencer and Ann Olin and members of their foundation's board."

Spencer T. Olin, a 1921 Cornell graduate, is a presidential councillor and an emeritus member of the university's Board of Trustees. His previous gifts to Cornell include funding for the construction of Hollister Hall, a professorship in engineering, a chemistry laboratory, and support of programs in the biological and nutritional sciences.

Olin's father, Franklin W., and a brother John M., also graduated from Cornell and served as university trustees. Among their many gifts to the university were funds for construction of Olin Hall and the Olin Library.

The first four Olin Fellows are: Linda M. Barrett, of Natick, Mass., a degree candidate in Slavic studies; Bruce E. Ellerin, Great Neck, N.Y., government; Gretchen A. Meyer, Yonkers, N.Y., ecology and evolutionary biology; and Edward C. Sewell, Bellville, Ill., operations research.

— Mark Eyerly

## 4 graduates stunned by news they received fellowships

They were stunned by the news. "There is nothing I can compare it to," said one. "Nothing."

They are not the latest lottery winners, made rich by chance and looking to buy a bigger house with a swimming pool in back. They are four of Cornell's brightest graduate students, rewarded for their intellectual promise and looking to enhance knowledge of biology, mathematics, political thought and Russian literature.

"I was in shock for a couple of hours," said Linda M. Barrett, one of the first four Olin Fellows. And why not? The \$30 million Olin Fellowship Program, announced Oct. 17, awards three-year fellowships that provide annual stipends of \$8,500, pay fellows' tuition and award summer funding enabling students to continue their studies between academic terms.

"Olin Fellows, all young scholars of exceptional promise, will have the security of knowing that they're supported financially," said Alison P. Casarett, dean of the Graduate School. "They don't have to scramble and take jobs when they can get them. They can concentrate on their academic future."

"When I told them about the fellowships," she added, "they turned pale."

For Olin Fellows Barrett, Bruce E. Ellerin, Gretchen A. Meyer and Edward C. Sewell, removing the financial pressures to teach or be a research assistant means more time for their own studies. Graduate assistants often spend up to 30 hours a week teaching or doing research separate from their own work, they said.

Although teaching is an integral part of graduate education, the Olin Fellowships

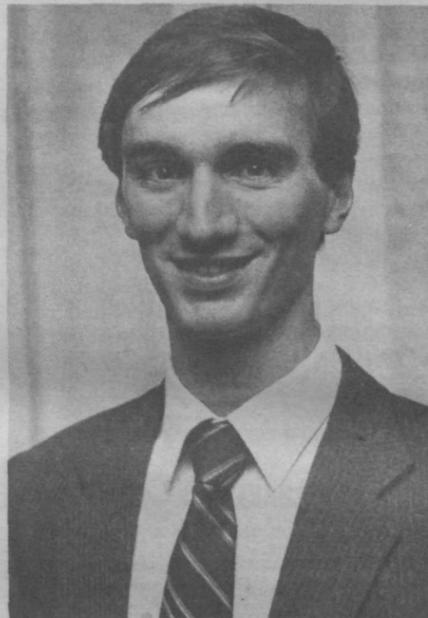


Gretchen A. Meyer

require students to teach a course in only two semesters, leaving fellows with more time to pursue the intellectual challenges they have set for themselves.

"That is a good mix of teaching experience and time to devote to research," said Sewell, who is pursuing a doctorate in operations research.

"This program is a considerable commitment to graduate students, the people who become professors. It will build a core of future educators," added Ellerin, a student in the government department. "It will give me a better opportunity to com-



Edward C. Sewell

plete my studies, and to study abroad."

Ellerin, who already holds undergraduate and law degrees from Harvard, is researching the influence of 19th century German philosopher Friedrich Nietzsche on early Zionists. Many of the writings he needs to examine are housed in Israel.

Sewell, the holder of a bachelor's degree from the University of Missouri, spent four years as an actuary before entering graduate school.

"Working made me self-disciplined, but I was a bit rusty when I came to Cornell," he admitted. "But if you work hard during

your first year, look what can happen."

Sewell's research is in mathematical programming. By working with equations that must have whole numbers, not fractions, as answers, he is hoping to develop theories that could, for example, help airlines schedule flights more efficiently or help engineers design machinery to minimize production costs.

The interaction between plants and insects is the focus of Olin Fellow Meyer's research. Meyer, who has degrees from Tufts and Yale, is trying to determine how much damage is inflicted by plant-eating insects and to understand how plants defend themselves.

"When Dean Casarett told me [about the fellowship], I couldn't believe it," she said. "I won't have to worry about supporting my education. It's wonderful."

"I was shocked. You never expect something like this," added Barrett, a student in Slavic studies who is conducting research on Russian literature. Barrett's fascination with Russian life began during a high school course in international relations. By the time she receives her Cornell Ph.D., probably in 1989, she will be fluent in the Russian language.

Her master's thesis will examine the writings of Fazil Iskander, an author living in one of the Soviet Union's Central Asian republics who uses humor to portray how Soviet authorities interact with the Central Asian culture.

"Americans don't know much about Russian culture," she explained. "It is important for us to learn more about their society."

— Mark Eyerly

## Knight makes write with \$5 million grant to Cornell

Cornell has received \$5 million to improve student writing from a foundation set up by a newspaper publisher who was appalled by the way "allegedly educated people" use the English language.

The gift was made by the Knight Foundation in memory of John S. Knight, Pulitzer Prize-winning columnist and founder of a publishing empire that in the 1970s was the largest and one of the most influential newspaper groups in the country.

Knight was editor emeritus of Knight-Ridder Newspapers Inc. when he died in 1981 at the age of 86. Described once in a headline of one of his newspapers as "a stickler on English," Knight was instrumental in sustaining an intensive program to improve student writing at Cornell in the late 1970s.

Knight was a member of the class of

1918 and a trustee of the university from 1954 to 1964. He was elected a presidential councillor in 1966, the university's highest non-academic honor.

President Frank Rhodes said the writing program and directorship will bear the name of John S. Knight "as a fitting tribute to an extraordinary writer, businessman and Cornellian and as a constant reminder of his life-long concern for language, his high standards, and his demand for, and appreciation of, excellence in writing."

Knight once wrote, "I am appalled by the misuse of the English language, both by the members of my own profession, and by allegedly educated people in general."

He said of his own writing habits: "I am a bleeder. I used to sit here and struggle with the typewriter, smoking cigarettes and drinking soft drinks and ruining my gut. I'd

go home from the office drained. This was work."

In addition to his many responsibilities as director of a growing newspaper chain, Knight wrote a weekly column, "The Editor's Notebook," from 1936 until 1974. He won his Pulitzer Prize in 1968 for "distinguished editorial writing."

Cornell's writing program was established in the College of Arts and Sciences to focus at first on improving student writing in the freshman year.

Unlike the usual approach in which writing is taught as another English course, freshman writing seminars focus on themes related to students' major subject interests, including biology and society, women's studies, Classics, African studies, music and others primarily in the humanities.

The program's goals are being extended

to improving the writing skills of all students throughout their collegiate years, said its director, Harry Shaw, a professor of English. He said he has a particular interest in strengthening writing in the physical and biological sciences and in mathematics.

Teaching writing is a complex and time-consuming art, Shaw said. "At present, we're doing a good deal to help those who haven't taught writing before; we'd like to enrich this program and to expand our support for experienced teachers of writing."

Shaw and his 12-member core staff coordinate the efforts of 175 faculty members, lecturers and teaching assistants, teaching more than 3,000 students annually through freshman writing seminars, writing workshop courses and walk-in writing assistance available to any student on campus.

— Martin B. Stiles

## Trustee-Council Weekend

### Are images or issues key to Reagan's popularity?

Why is Ronald Reagan the most popular president in modern American history?

Because he gets publicity from international events without making any foreign policy commitments, according to political scientist Theodore J. Lowi, author of the award-winning book "The Personal President."

Not really, countered government Professor Benjamin Ginsberg, author of a forthcoming book on Reaganism. It's because most Americans agree with the president's positions on economic and other issues.

Wait a minute, added veteran journalists Margaret Osmer-McQuade and Irv Chapman. Much of Reagan's popularity is due to his masterful manipulation of the media to portray himself as a leader people can feel good about regardless of the issues, they said.

The four gathered at Uris Hall Oct. 17 for a panel discussion on "The Reagan Phenomenon: The Effect of Media Politicians on the Electorate and Government" during the annual meeting of the Board of Trustees and the University Council, an alumni advisory group.

Despite their disagreement over the reason for Reagan's popularity, all four panelists agreed that the increasing emphasis on poll ratings and on presidential image as conveyed by the news media is diminishing serious discourse in American politics.

"Election Day, when it came, had only one real requirement: that the finally tally validate the polls," said Chapman, editor-in-chief of the Cornell News Service, who covered Reagan's 1980 campaign for ABC News.



Margaret Osmer-McQuade

"If you ask the American people what's important, their answer is 'a man of character we can believe in in the White House.' The issues don't count compared to that."

There is a "Reagan phenomenon," but it involves more than image, said Lowi, who is an expert on the presidency. "Ronald Reagan is the only president since World War II who has not committed the United States to a single diplomatic negotiation

leading to a treaty," he explained. The result: "Reagan has the freedom to get in and out of an action before it becomes divisive."

With the Iceland summit, for example, getting results was not important; simply meeting with Soviet leader Mikhail Gorbachev helped Reagan's popularity ratings.

"It's dangerous," Lowi said. "The outcome could be war, because his actions may be misunderstood. All he's doing is trying to build some more public (support)."

But Ginsberg, an expert on American electoral politics, suggested that the American public — especially the upper middle class — has "become more and more positive in their own appraisal of Reagan, not because of Reagan's media image but rather because of their own economic interests."

Reagan is only the most recent, and most successful, president to use the media in a trend that began with Teddy Roosevelt and Woodrow Wilson, Ginsberg added. "Presidents cultivate their image, but when all is said and done, interest is still more important than image," he said.

Osmer-McQuade, director of programs at the Council on Foreign Relations and a former network journalist, agreed that the president's popularity results from "evolutionary change driven more by the technology of modern communications and their use by journalists and by politicians than by the personality of Ronald Reagan."

"One of Reagan's greatest assets is his almost unshakable self-assurance," she added. "He makes people feel good, even some of those people who are smart enough to know some facts that should make them



Irv Chapman

feel otherwise."

According to Chapman, "Reagan is an instinctive politician of great ability. His message was what the electorate was waiting to hear." But his campaign message, including issues of economic and defense policy, was designed to have the best possible electoral effect rather than necessarily to reflect sound decision-making, he added.

— Mark Eyerly

## Restrictions set on proprietary use of research labs

Corporate scientists will need special permission to conduct proprietary and confidential research in Cornell laboratories under a policy revision prompted by the potential for increased industry use of those facilities.

The amendment to the Policy on Use of University Facilities, which was approved Oct. 16 by the Board of Trustees' Executive Committee, also limits proprietary research to 10 percent of facilities and promises corporate users no special security precautions.

Proprietary research is research conducted for the benefit of profit-making companies and often is directed at development of marketable products. Results of proprietary research usually are not published in open scientific literature and may involve confidential information that is not available to the general scientific community.

"The university is experiencing a height-

ened level of cooperation and interaction with the private sector in the furtherance of research, particularly in the field of high technology," said Joseph M. Ballantyne, vice president for research and advanced studies.

Among university facilities where industry could request proprietary use are the laboratories of the Biotechnology Program, which is supported by private corporations and the State of New York, and the supercomputers of the Center for Theory and Simulation in Science and Engineering, which is funded by the state and federal governments as well as by corporations.

The Biotechnology Program's amino acid analysis facility, for example, has been used by Allied Corp. to analyze peptides isolated from certain bacteria. The Theory Center's Production Supercomputer Facility can be used by corporate researchers to test confidential computer codes in large-scale com-

puting systems or to conduct computer simulations for product development.

The new policy begins by stating that Cornell's research facilities exist "primarily to further free and open inquiry by Cornell faculty, students and staff" and that "other uses are of secondary importance." Non-Cornell personnel are expected to abide by the same policies as university personnel, the new policy reads, and "proprietary use of university facilities by such people is therefore not usually permitted."

Cornell already was on record as prohibiting its own personnel from engaging in confidential or classified research in university facilities. The new policy allows use of university facilities by non-Cornell researchers for proprietary or confidential purposes "in exceptional cases where the best interests" of the university and the other parties would be served — but only with permission of the vice president for research.

Proprietary or confidential research is subject to several conditions. Among them:

- Proprietary work must be reviewed and approved by the "normal channels for use of the facility" such as a local review committee, and the proprietary use of the facility may not be kept secret.

- No special security precautions, access restrictions or clearance requirements may be applied to Cornell personnel working in facilities where proprietary research is conducted.

- "Appropriate costs" for the use of the facility must be paid by organizations performing proprietary work.

- Facilities use must support "the educational and research mission of the university," and there must be "a clear need to carry out the work at Cornell."

— Roger Segelken

## Officials want Day Hall to emphasize teaching

Cornell administrators and faculty are assessing undergraduate education at the university at the urging of Provost Robert Barker.

The comprehensive evaluation, the first such effort in recent memory, comes in the midst of widespread concern over the quality of American higher education manifest by several recent commission reports.

The review began last fall when Barker asked the college deans to begin thinking about their philosophy of undergraduate education. The process gained momentum this summer with a three-day retreat at the Thornfield Conference Center in Cazenovia, N.Y.

Forty-one university officials, including the deans of all seven undergraduate colleges as well as the deans of the Law School, the College of Veterinary Medicine and the Johnson Graduate School of Management, participated. In small discussion groups, the participants grappled with one central question: How can the university improve undergraduate instruction?

Vice Provost Barry Adams, who was

chairman of the conference, said he was encouraged by the absence of cynicism in the group — no one had a "here we go again" attitude, he noted — and by the general sense that the university was not in desperate straits; no one believed that "drastic, radical curricular revision" was necessary.

What the Thornfield conferees did find necessary was a shift in university priorities to place greater emphasis on undergraduate teaching. Each of the six panels formed by participants concluded that teaching must become a more vital — and valued — enterprise, and that this message must come from the highest levels of the university.

A majority of the panels recommended that university faculty be hired and promoted on the basis of their instructional performance as well as their research and scholarship.

Specific recommendations generated by the conference included calls for instructional training workshops for faculty and teaching assistants, development of teaching standards by which to judge faculty, increased recognition and rewards for faculty and lecturers who are

outstanding instructors, and creation of university professorships devoted to teaching.

Conferees also considered improving the undergraduate advising system, which has come under frequent criticism from students who find the faculty insufficiently accessible or helpful and from faculty who sometimes consider their advisory duties a burden.

The panelists discussed establishing more independent-study courses where students could work directly with faculty members, mandating a senior project or thesis for all undergraduates, expanding common-learning courses to make them more available to first- and second-year students, upgrading instructional facilities, incorporating the teaching of ethics into professional education, expanding the faculty-in-residence and faculty fellows programs to increase student-teacher interaction, and enhancing off-campus opportunities such as the Cornell in Washington and foreign-study programs.

Some Thornfield participants, along with other members of the university community, discussed these proposals and other ideas in a forum sponsored by the University

Assembly at Noyes Center on Oct. 1. That was the first of three such sessions, open to all Cornellians, which will be held this semester to broaden the public debate on the quality of undergraduate education.

In letter to the faculty dated Oct. 1, Barker reviewed the findings of the conference and announced that he would ask the deans and some faculty members to serve on a three-year Commission on Undergraduate Education. The commission is expected to be in place before the end of this semester.

Barker wrote that "the charge to the commission will be to continue the work begun during the last year, to make recommendations on how to address the issues raised at the summer conference, to help set university priorities so that undergraduate teaching is properly supported and to continue to examine issues and identify initiatives that will help sustain our commitment to the 12,000 bright and dedicated young men and women who come to us because they believe, as we do, that Cornell will provide an undergraduate experience of the highest quality."

— Dennis A. Williams

# Demand still high for Ph.D.'s in Comp Sci

Complete this degree and you enter a field where fewer than 400 such degrees are awarded each year and 1,200 jobs are waiting, where unemployment is less than 1 percent, and where salaries range up to \$110,000 at universities and even more in industry.

The degree is the doctorate of computer science and engineering, and North American universities can't award them fast enough.

"Universities, industry and government must work together to encourage an increase of new Ph.D.s in computer science at an annual average rate of 10 to 12 percent until the nation's needs for such scientists is balanced by the supply," said David Gries, chairman of the Department of Computer Science.

Gries has just completed a survey of 103 U.S. and Canadian universities that award Ph.D.s in computer science and computer engineering. He found that universities scrambling to enlarge their faculties in computing, the fastest growing field in science, are in stiff competition with industry and each other.

Gries and three others also have written a

1986 report, "Imbalance between Growth and Funding in Academic Computer Science."

"Research and industrial demand is still increasing at research centers of large computer manufacturers," according to the report. Newly formed institutes are hiring large numbers of Ph.D.s., as are companies such as General Motors Corp. and General Electric Co.

"The Strategic Defense Initiative and the National Science Foundation's own supercomputer initiative could absorb all increases in Ph.D. production in the near future," the report said.

The report, which is endorsed by a national organization of computing professionals in industry, government and education, the Computer Science Board, recommends that federal funding of computer research and teaching increase at a rate of 15 percent a year.

Incorporated in the Computer Science Board report, which was released in September, are findings of recent studies, including the one by Gries, "Survey on the Production and Employment of Ph.D.s and Faculty in Computer Science and Engineer-

ing." Among the findings of his survey of 95 U.S. and eight Canadian universities are these:

- The 103 departments produced 326 Ph.D.s in 1985 and expect to produce 498 this year. "This expectation is very optimistic, and well under 400 in 1986 is more likely," Gries comments.

- Of the Ph.D.s produced last year, 167 were reported to have U.S. citizenship, 22 Canadian citizenship and 122 citizenship of other countries. (Fifteen were of undetermined nationality.)

- Only 10 percent of the new Ph.D.s took positions outside the United States and Canada. Half accepted academic jobs in Canada and the United States, while 39 percent went to work in government and industry of those other countries or for themselves.

- Minorities and women are largely underrepresented in the 1985 class of computer science Ph.D.s. Some 192 were white males and 32 were white females. There were three black and seven hispanic men, but no women of those minority groups. Of the 92 Ph.D.s in the "other or unreported" category, four were women.

- U.S. universities that reported salaries for new Ph.D.s hired in 1985 paid an average of \$36,668 for nine months' of computer science teaching a year. Some paid as much as \$40,000 for newly hired Ph.D.s. Others offered as little as \$30,000.

- Faculty members in computer science and engineering departments of U.S. universities had nine-month average salaries during the 1984-85 academic year of \$37,455 for assistant professors, \$43,115 for associate professors and \$56,952 for full professors. The lowest reported salary — for assistant professors — was \$26,500; the highest — for full professors teaching nine months a year — was \$110,000.

- Asked to estimate the number of faculty members in the next five years, officials at 103 computer science and engineering departments said they hoped their departments would grow by 46 percent. Such growth would require about 200 new Ph.D.s a year, not counting losses to industry and elsewhere, Gries estimated, and would bring the number teaching computer science in Ph.D.-granting institutions to

*Continued on page 11*

## Turing Award *Continued from page 1*



John E. Hopcroft

another algorithm to solve the same problem and claim better running time. Meanwhile, programming language and hardware had improved, and therefore no one knew what was responsible for faster running times: better programming language, the hardware or the algorithm itself.

"We invented mathematical criteria for evaluating algorithms," Hopcroft said. "This changed the character of research in this area in a fundamental way, because it allowed people to ask different questions" such as the optimal way of solving a problem.

"Tarjan and I were singled out because we were among the first to use these mathematical criteria and to demonstrate you could make significant contributions by looking at things this way."

For example, using criteria developed by Hopcroft and Tarjan, a researcher could determine whether a graph encompassing certain points could be drawn in a plane with no two edges crossing. The answer to this mathematical problem has its practical aspect: laying out a circuit without the wires crossing. To plot a 100-point graph of this type takes one hour without the Hopcroft-Tarjan criteria; now a graph with not 100, but 1,000 points can be plotted in 10 seconds.

During an interview in his office last month, Hopcroft was asked to describe to a non-academic how graduate students and professors interact in conducting research.

Some students "work on their own, you hardly ever see them," he said. Others, however, have a closer collaboration in which "you describe an interesting problem . . . how others have unsuccessfully tried to solve it. They try other approaches, get back to you. After a while, the student knows more about a fairly narrow area than the faculty member."

Hopcroft said that although a professor and graduate student usually work together on research for two years, his association with Tarjan lasted one year and that he was not Tarjan's thesis adviser. Hopcroft was on sabbatical at Stanford University at the time, but the two worked together later



Robert E. Tarjan

when Tarjan was an assistant professor here.

Tarjan received a Ph.D. in computer science at Stanford in 1972 and held faculty positions there and here before joining the Princeton faculty last year. He has been on the staff of AT&T Bell Laboratories since 1980 and is the editor of the Princeton University Press Series in Computer Science and of several technical journals.

Tarjan is still studying data structures and algorithms, while Hopcroft has moved on to robotics, where he is working on the question of how to "represent, manipulate and reason about physical objects in a computer." He sees researchers applying the answers to other questions such as how a human being walks and then calculating the forces involved to help design an improved artificial knee.

Hopcroft sees robotics as being in its very early stages. He said he believes that it must be moved from its current teach-driven mode of programming, where the robot is "walked through" an operation to record the component movements.

The next stage would be the model-driven mode of programming, where a computer can look at descriptions of parts and the assembly process and create instructions to drive the robot. He said he has written a simple version of a model-driven program that enables a robot to build a model of a log cabin.

Hopcroft heads a robotics project here that is being underwritten by National Science Foundation and Office of Naval Research grants.

Hopcroft received a Ph.D. in electrical engineering from Stanford in 1964. He wanted to teach, but when he learned about a computer science program being set up at Princeton's electrical engineering department, he decided to switch fields to pursue an earlier interest in computers.

"People were willing to make a commitment to a field not knowing what the field was about," he noted. "People had faith in the field [of computer science]; they were willing to commit resources."

— Barry Gross

## NSF gives CU \$1.2 million for research data network

The National Science Foundation has made a two-year, \$1.2 million grant to Cornell for the first phase of a data communication network linking academic research institutions to national and industrial laboratories in New York State.

NYSERNet, the New York State Education Research Network, is among the first regional networks in a growing system of links to supercomputer centers across the United States.

"NYSERNet will greatly enhance the ability of hundreds of researchers to use supercomputing resources, encourage inter-campus cooperation and provide for scholarly collaboration," said Kenneth G. Wilson, director of the Center for Theory and Simulation in Science and Engineering, the national supercomputer program at Cornell.

Installation of the network is underway, and the expected start-up date is January 1987, said William L. Schrader, president of NYSERNet Inc. and executive director of the Cornell Theory Center.

NYSERNet is designed initially to carry 56,000 bits of information per second, and will be upgraded to 1.5 millions bits per second. It will permit high-speed electronic-mail communication as well as access to the Cornell supercomputer, Schrader said. One feature of the network will be a special computer to route files between other computers, thus leaving their central processing units free for more complex tasks.

NYSERNet will be connected to the National Science Foundation's backbone network, NSFnet, which provides access to six supercomputer centers funded by that federal agency.

NSF's funding will provide for dedicated communication lines, communication rout-

ers, and network management and operations for the following institutions: Brookhaven National Laboratory, City University of New York, Clarkson, Columbia, Cornell, Rockefeller and Syracuse universities; Polytechnic Institute of New York, Rensselaer Polytechnic Institute, the University of Rochester and State University of New York (SUNY) at Albany, Binghamton, Buffalo and Stonybrook.

The primary objective of NSF participation in NYSERNet is to stimulate the immediate installation of what could become one of the most effective data communication systems in the country, according to John W.D. Connolly, director of the NSF Office of Advanced Scientific Computing.

"The number of supercomputer users on New York's campuses has grown over the last two years as NSF's advanced computing facilities have become more available," said Wilson, physics professor and 1982 Nobel laureate.

"Researchers, however, continue to have difficulty accessing these resources. This regional network is essential to gain effective and robust access to remote supercomputing facilities and to provide an infrastructure for cooperative research."

Cornell's national supercomputer program was established in 1984 and funded in 1985 with \$21 million from the National Science Foundation and \$30 million in support from International Business Machines Corp. The program also receives support from the New York State Science and Technology Foundation to operate its large-scale computing system for researchers in academic institutions, government and industry.

— Roger Segelken

## Growth hormone will be topic

Cornell scientists will discuss major developments in research to increase the growth of swine and sheep with growth hormone and an experimental chemical at a conference to be held at the Syracuse Marriott Oct 28-30.

The 1986 Cornell Nutrition Conference for Feed Manufacturers will focus on new research findings affecting the nation's feed industry and nutrition of farm animals, including poultry, beef cattle, dairy animals, sheep and swine. Various aspects of nutrition affecting other animals, including horses, ducks, fishes and cats, also will be examined.

The conference is sponsored by the College of Agriculture and Life Sciences. About 250 people from the United States and Canada are expected to attend, including representatives of feed-manufacturing firms and scientists in the field of animal nutrition, said animal nutritionist Richard E. Austic, who is the program chairman for

the conference.

The conference will include the presentation of more than a dozen research papers on topics ranging from use of genetic engineering to enhance cellulose digestion in cattle and other ruminants to the efficiency of protein synthesis by microbes in the rumen.

Other topics to be discussed include the role of several important nutrients, physiological regulation of feed intake of cattle, swine, and fishes, the effect of restricted dietary energy on the productivity of laying hens, and the latest in the nutrition of the Pekin duck in North America.

Most of the speakers will be from the departments of Animal Science and Poultry and Avian Sciences. Three scientists from the Animal and Grassland Research Institute in England, the University of Minnesota, and Iowa State University will be guest speakers.

— Yong H. Kim

**Christian Science**

Testimony meetings: Every Thursday, 7 p.m. Anabel Taylor Founders Room.

**Episcopal (Anglican)**

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

**Great Commission Students**

Worship service: Every Sunday, 10:30 a.m. 314 Noyes Center. Bible Discussion Group: Every Wednesday, 7:30 p.m. Noyes Center 310.

**Jewish**

Morning Minyan: 7:30 a.m. Young Israel House, 106 West Ave. Call 272-5810. Reform Shabbat Services, Anabel Taylor Hall chapel, Oct. 17, 5:30 p.m. Conservative Shabbat Services, Anabel Taylor Hall founders room, Oct. 17, 5:30 p.m., Oct. 18, 9:45 a.m. Orthodox, Young Israel, 106 West Ave. Call 272-5810 for time on Friday; Oct. 18, 9:15 a.m., Anabel Taylor Hall Edwards Room.

**Korean Church**

Every Sunday, 3 p.m. Anabel Taylor Chapel.

**Muslim**

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall; Friday, 1 p.m., Anabel Taylor Edwards Room.

**Protestant**

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

**SEMINARS**

**African Agricultural Development**

"African Agricultural Development," Loret Miller Ruppe, director of the Peace Corps, 2-6 p.m., Oct. 24, 120 Ives Hall.

**Agricultural Engineering**

"Characterization of Fluid Flow and Waste Transport Processes in On-site Disposal Systems," Thomas E. White, Civil Engineering, Purdue University, 10:10 a.m., Oct. 24, Room 400 Riley-Robb Hall.

"Non-chemical method for controlling the Colorado Potato Beetle," Rolf deVries, 12:20 p.m., Oct. 27, 400 Riley Robb Hall.

**Agronomy**

"Comparative Analysis of Multi-temporal and Multi-station Thermal Infrared Data for Resource Inventory and Evaluation," S. D. DeGloria, Department of Agronomy, 4 p.m., Oct. 28, 135 Emerson.

**Apparel and Textiles**

"An Overview of Korean Folklore Pictures of the Yi- Dynasty with an Emphasis in Costume," by Jeong Ok Kim, Cornell graduate student., 12:20 p.m., Oct. 28, 317 Martha Van Rensselaer Hall.

"A Successful American Entrepreneur Managing and Surviving in Today's Textile Industry" by J.B. Hoffman, J.B. Hoffman Inc., Leader in the Home Furnishing Industry, 12:20 p.m., Oct. 30, NG35 Martha Van Rensselaer.

**Applied Mathematics**

"Solving Large-Scale Traveling Salesman Problems and (0,1)-Integer Programming Problems," Manfred Padberg, New York University, 10:10 a.m., Oct. 23, Olin Hall 165.

**Archaeology**

"Faunal analysis in classical archaeology: Some Roman case studies," Susan Hatherley, Department of Classics, 4:40 p.m., Oct. 23, 305 McGraw Hall.

"Four archaeological projects to test Inka statecraft," John Murra, Department of Anthropology, 4:40 p.m., Oct. 30, 305 McGraw Hall.

**Astronomy**

"Recent Observations of Cold Dust in Our Galaxy & in Others," Peter Mezger, Max Plank Institute, 4:30 p.m., Oct. 23, Space Sciences Building, room 105. "SO Galaxies in Different Environments," Jo Ann Eder, Yale University, 4:30 p.m., Oct. 30, Space Sciences Building, Room 105.

**Biochemistry, Molecular and Cell Biology**

"The Molecular Biology of Fumarate Reductase, a Membrane-bound Electron Transfer Complex," Joel Weiner, Department of Biochemistry, University of Alberta, 4:30 p.m., Oct. 24, 204 Stocking Hall.

**Chemical Engineering**

"Stability and Flocculation of Polymer Latexes with Water Soluble Polymers," P. R. Sperry, Rohm & Haas Co., Spring House, Pa., 4 p.m., Oct. 27, Olin 145.

**Chemistry**

"Correlated Photochemistry - The Legacy of Johann Christian Doppler," Paul Houston, 4:40 p.m., Oct. 23, Room 119, Baker Laboratory.

**City and Regional Planning**

"Planning in Chicago: New Initiatives," Robert Mier, director, Economic Development, City of Chicago, 12:15 p.m., Oct. 24, 157 E. Sibley Hall.

**Communication**

"Participatory Processes in Development Communication," Shirley A. White, professor of communication and K.S. Nair, professor of anthropology and director of the Development Communication Research Project, School of Communication, Poona University, Pune, India, 2:30 p.m., Oct. 29, 640 Stewart Avenue.

**Computer Services**

"Simulating Bioelectric Behavior of Neurons on the Macintosh," Bruce Land, Section of Neurobiology and Behavior, 12:20 p.m., Oct. 23, 100 Caldwell Hall.

**Ecology & Systematics**

"Capitalizing on currents: How non-rigid organisms use slow-induced pressures," Stephen Vogel, Department of Zoology, Duke University, 4:30 p.m., Oct. 29, Morison Seminar Room, A106 Corson/Mudd.

**Entomology**

"Reflections on the biology and evolution of army ants," William Gotwald, Utica College, 4 p.m., Oct. 27, Room A106 Morison Hall, Corson/Mudd Hall.

**Floriculture and Ornamental Horticulture**

"A tour of Hidcote: A Dreer Award presentation," Irene Lekstutis, former F & OH graduate student, 12:15 pm., Oct. 23, Room 37 Plant Science.

**Genetics and Development**

"Mitochondrial DNA evolution in Australian Rosella Parrots," Ross Crozier, Department of Zoology, University of New South Wales, Australia, 4 p.m., Oct. 27, 135 Emerson Hall.

"Investigation of regions where transcription initiates in the maize mitochondrial genome," Michael Mulligan, Stanford University, 12:20 p.m., Oct. 29, 135 Emerson Hall.

**Geology**

"Patterns of Seismicity Associated with Asperities in the Central New Hebrides," Jean-Luc Chatelain, 4:30 p.m., Oct. 23, main seminar Room 1120 Sneeh Hall.

**History and Philosophy of Science**

"Fractals: Mathematics, the Sciences, and the Humanities," Benoit Mandelbrot, professor of mathematics, Harvard University and visitor, Society for the Humanities, 4:30 p.m., Oct. 29, 165 McGraw Hall.

**Manufacturing Engineering**

"The Pursuit of Quality - A New Management Philosophy," Charles P. Yohn, director of corporate relations, College of Engineering, 4:30 p.m., Oct. 23, 282 Grumman.

**Mechanical and Aerospace Engineering**

"Particle Tracking in Stationary Homogeneous Turbulence," P.K. Yeung, Mechanical and Aerospace Engineering, 1 p.m., Oct. 28, 282 Grumman Hall.

"An Application of Fractals to Modeling Premixed Turbulent Flames," Professor F.C. Gouldin, 4:30 p.m., Oct. 28, 282 Grumman.

**Theoretical and Applied Mechanics**

"Visualizing Dynamics With Computers," Bruce Stewart, Brookhaven National Laboratory, 4:30 p.m., Oct. 29, Room 205, Thurston Hall.

**Microbiology**

"Impact of Monoclonal Antibodies on Methanogenic Biotechnology," Everly Conway de Macario, Laboratory Medicine Institute, NYS Department of Health, 4:30 p.m., Oct. 23, Stocking Hall, room 124.

"Regulated Transcription Attenuation in the B. subtilis Tryptophan and Levanucrase Operons," Dennis Henner, Department of Cell Genetics, Genentech, Inc., S. San Francisco, CA, 4:30 p.m., Oct. 30, Room 124 Stocking Hall.

**Near Eastern Studies**

"Writers and Politics in the Middle East," Emile Habiby, 4:30 p.m., Oct. 28, 122 Rockefeller Hall.

"The Palestinian as Israeli Citizen," Emile Habiby, 4:30 p.m., Oct. 29, 122 Rockefeller Hall.

**Neurobiology and Behavior**

"Behavioral, Cellular and Developmental Analysis of Learning and Memory in Aplysia," Tom Carew, Yale University, 12:30 p.m., Oct. 23, Morison Seminar Room, Corson/Mudd Hall.

**Peace Studies**

"Superpower Intervention in the Iran-Iraq War," Mark Heller, 12:15 p.m., Oct. 24, 153 Uris Hall.

**Pharmacology**

"Kinetics of acetylcholine receptor activation: single channel recordings at low and high agonist concentrations," Steven Sine, Department of Physiology, Yale University, 4:30 p.m., Oct. 27, Pharmacology Library, D101L Schurman Hall.

**Plant Biology**

"Transformation of Filamentous Fungi," B.G. Turgeon, Plant Pathology Department, 11:15 a.m., Oct. 24, 404 Plant Science Building.

**Plant Breeding**

"Unequal Segregation of Nuclear Genes in Plants," Daniel Zamir, visiting scientist, Hebrew University, 12:20 p.m., Oct. 28, 135 Emerson Hall.

**Plant Pathology**

"Use of infectious, cloned satellite RNAs of cucumber mosaic virus to investigate satellite sequence domains and population heterogeneity," Gael Kurath, 4:30 p.m., Oct. 28, Room 404, Plant Science Building.

**Plant Pathology GSA**

"Hunger - When There Is So Much Food," Charles Delp, Congressional Science Fellow, Washington, DC, 10 a.m., Oct. 30, Room 404, Plant Science Building.

**Pomology**

"The Cornell soil-nutrient analysis facility," Gregory A. Ferguson, Department of Agronomy, 4:30 p.m., Oct. 23, Room 404, Plant Science Building.

**Psychology**

"Resolution, Sex, and Race in the Development of Human Vision," Richard Held, 3:30 p.m., Oct. 24, Room 202, Uris Hall.

**Rural Sociology**

"The Effect of Commercial Agriculture on Rural Quality of Life: A Report on the Office of Technology Study in the Sunbelt Region," Dean MacCannell, Society for the Humanities and Department of Behavioral Sciences, University of California-Davis, 3:30 p.m., Oct. 27, Warren 32.

**THEATRE**

**Cornell Savoyards**

Directors (musical and dramatic) needed for Savoyards' spring production of "Ruddigore." Send resume to Box 65, Willard Straight Hall or call Dan, 273-0570, before Oct. 24.

**Theatre Cornell**

"Merrily We Roll Along," directed by William Pomerantz, with music by Stephen Sondheim and book by George Furth. This tuneful trip throughout the lives of three close friends runs Oct. 23 - 25 at 8 p.m. For ticket information, call 255-5165.

**MISC**

**CUSLAR**

The Committee on US - Latin American Relations meets every Monday at 5 p.m. in the Commons Coffeehouse in Anabel Taylor Hall. For more information contact the CUSLAR office at 255-7293.

**Emeritus Professors**

The Association of Cornell University Emeritus Professors will hold its fall meeting Nov. 3 at 4 p.m. in the Robison Room of Schoelkopf Hall. A social period will be followed by a business meeting and then Yervant Terzian, chairman of the astronomy department will speak and present a slide show on the Arecibo Observatory. Spouses are invited.

Membership in the Association is open to all academic staff who retire after 10 years of service and also to administrative staff who have been awarded emeritus status.

**Soviet Jewry rally**

Soviet Jewry / Simhat Torah rally, 12 p.m. by the steps of Willard Straight Hall.

**Peace Corps anniversary**

A reception to celebrate the 25th anniversary of the Peace Corps with Peace Corps Director Loret Miller Ruppe will be held Oct. 23 from 7 to 9 p.m. at Sibley Dome.

**Nursery School**

The University Cooperative Nursery School, Robert Purcell Union, has several openings available for 4 and 5 year olds in its afternoon program. For information call Robin at 273-6733.

**Ithaca Rape Crisis**

Ithaca Rape Crisis will present an assault prevention and self defense program for women Oct. 25 at the Women's Community Building, 100 W. Seneca St from 1 - 5 p.m. A \$15 donation is requested with a discount for students and senior citizens. For further information, call 273-5589.

**Intramural Swimming: Men, women**

Entry deadline, Oct. 29 at 4 p.m. in the Intramural Office, Helen Newman Hall. Timed/Finals held Nov. 3 at 5 p.m. in the Teagle Hall pool for 200-yard medley relay, 50-yard freestyle, 50-yard backstroke, 50-yard breaststroke and 100-yard freestyle.

Timed/Finals Nov. 5 at 5 p.m. in the Teagle pool for 50-yard fly, 100-yard individual medley, fancy diving and 200-yard freestyle relay.

Each team may enter no more than two individuals in any event. Each individual may enter up to three events but no more than two of these may be individual events. Each team may enter no more than one team in each relay. Post deadline entries will not be accepted. No fee.

**Writing Workshops**

Free tutorial instruction in writing offered Monday - Thursday, 3:30 p.m. to 6 p.m. and 7:30 p.m. to 10 p.m.; Sunday 3 p.m. to 8 p.m. at 174 Rockefeller Hall. Sunday - Thursday, 10 p.m. - midnight in 340 Goldwin Smith.

**Ghost Stories**

The Student/Faculty Interaction Committee of the Willard Straight Hall Program Board will sponsor an informal get together with faculty, residents, faculty fellows and interested students at 3:30 p.m., Oct. 29 in the WSH Memorial Room. It will consist of a Ghost Story Contest. Stories will be judged by originality and scariness. Prizes will be given. Refreshments provided. For more information, call Lynne Johnson at 255-4311, 255-9507 or 255-5953.

**Course scheduling**

Course scheduling for Spring 1987 will take place Oct. 27 - Nov. 7. Arts students should make appointments with their advisers, pick up material in the scheduling office, M46 Goldwin Smith, starting Oct. 27 and hand in signed schedules and forms by 4 p.m. Nov. 7.

**Christian Science Monitor**

The Christian Science Monitor Resource Files will be available in Mann Library Oct. 28 and 29 from 10 a.m. to 4 p.m. The files contain newspaper articles covering national and world politics, social, scientific and economic developments, world relations, peace, etc.

# Job Opportunities

October 23, 1986  
 Number 42  
 University Personnel Services  
 Cornell University  
 160 Day Hall  
 Ithaca, New York 14853-2801

## Administrative and Professional

The minimum salaries listed are for recruitment purposes only.

### WRITER-PRODUCER-TELEVISION (PC421) Media Services

Develop, write and produce videotape programs for Television Center with special emphasis on public relations, recruitment, marketing, development and other multi-media special projects.

Requirements: Bachelor's in TV or Film production. Computing or word processing skills helpful. Minimum 3-5 years experience in writing and producing television or film programs specifically related to public relations, recruitment, marketing or development. Exceptional creative writing and producing experience or knowledge of academic institutions. Send cover letter, resume, half inch VHS videotape and writing samples or call in confidence to Esther L. Smith (607) 255-6874 by November 7.

### BUDGET ANALYST II (PC4223) Dean's Office, College of Agriculture and Life Sciences

Assist in development, execution and financial management of the College budget. Assist Director in planning overall budget of college income funds and state appropriated funds.

Requirements: B.S. or equivalent in accounting or business administration. Experience in budgeting, good oral and written communication skills, working knowledge of microcomputers necessary. IBM PC-AT experience with LOTUS 1-2-3, DBASE III and familiarity with Cornell budget process desirable. Send cover letter and resume or call in confidence to Esther L. Smith (607) 255-6874 by October 30.

### FINANCIAL AID COUNSELOR (PA424) Office of Financial Aid and Student Employment

Advise and counsel students concerning financial aid including providing information on applications, financial aid policies and programs as well as alternate means of financing.

Requirements: Bachelor's degree. Some previous experience in financial aid, education, administration or student services. Submit cover letter and resume to Cynthia Smithbower by November 6.

### ENERGY AUDITOR SUPERVISOR (P429) New York City Cornell Cooperative Extension

Performs energy audits for small business and non-profit organizations. Provides educational material on energy conservation to target audiences. Meet and communicate with small business owners and community leaders. Provide supervisory duties. Serve as technical resource person to 1 or more technicians. May administratively supervise 1 or more technicians. Reviews completed audit reports of subordinate auditors. Performs heat loss surveys, combustion efficiency tests, etc.

Requirements: Associate's degree (CORE course work in math and science or related fields). Excellent communication skills (written and oral). May be required to take math and keyboarding proficiency test. Current Valid NYS driver's license. Cannot work for or own an energy related firm while in employ of Cornell Cooperative Extension in New York City. Submit cover letter and resume to Ruth Allen, District Director, Cornell Cooperative Extension, 15 E. 26th Street, New York, NY 11010.

### ASSISTANT DIRECTOR OF MINORITY PROGRAMS (PA4224) Engineering Minority Programs

Assist in planning, development and implementation of a wide range of advising, counseling, and support programs for engineering minority students.

Requirements: B.S. degree or equivalent. 1-2 years of student counseling-academic advising; supervisory and organizational experience preferred. Must be computer literate and have demonstrated written and verbal communication skills. Public presentation skills and strong interpersonal skills essential. Send cover letter and resume to Cynthia Smithbower by November 10.

### RESEARCH SUPPORT SPECIALIST I (PT423) Clinical Sciences

Develop and perform non-routine clinical and field tests for assessment of early hepatic injury in woodchucks and other species, and other non-routine clinical assays as needed. Interpret and communicate results to referring veterinarians and clinical staff.

Requirements: Bachelor's degree, training and laboratory experience in chemistry and biology. Previous work in clinical laboratory, good communication skills and experience working with microcomputer and statistical software packages essential. Send cover letter and resume to Judi Pulkinen by November 7.

### ASSISTANT DIRECTOR, STATE PROGRAMS HEOP-EOP (PA428) State Programs Office

Assist in providing programmatic accountability to University and State Programs Office for HEOP-EOP programs. Aid in development and communication to University officials for new proposals, as well as, program structure and changes affecting management and continuation of program. Field recruiting of students in coordination with University recruiting for Admissions Office and individual colleges.

Requirements: M.S. or equivalent preferably in student personnel administration, higher education administration, social science or other related field. Some experience in student personnel services or counseling. Send cover letter and resume to Cynthia Smithbower by November 7.

### BENEFITS SPECIALIST (PA422) Statutory Finance and Business Office

Responsible for day-to-day administration of New York State Health and Dental Insurance Programs. Counsel employees on plan provisions and provide assistance for filing of claims. Responsible for reconciliation and filing of required State reports on a bi-weekly and monthly basis.

Requirements: Bachelor's degree or equivalent. 2-3 years employee benefits experience, preferably University. Good organizational, interpersonal and communication skills, math aptitude; familiarity with computers and accounting procedures; excellent telephone skills; ability to deal with a variety of clients in a positive manner. Send cover letter and resume to Cynthia Smithbower by November 7.

### SMALL BUSINESS ENERGY AUDITOR (P4210-P4221) New York City Cornell Cooperative Extension (12 positions)

Perform energy audits for small business and non-profit organizations in New York City. Provide educational material on energy conservation to target audiences. Meet and communicate with small business owners, community leaders, utility company representatives, etc. Perform heat loss surveys combustion efficiency test on heating equipment, sizing of heating systems and analysis of electrical systems.

Requirements: Associate's degree with CORE coursework in math and sciences or related fields. Excellent communication skills (written and verbal). May be required to take math and keyboarding proficiency test. Current valid New York State driver's license. Aptitude to do math calculations and master technical information needed to carry out job responsibilities. Send cover letter and resume to Ruth Allen, 15 E. 26th Street, New York, NY 11010.

### STAFF WRITER II (PC316) University Development-Report

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

Requirements: BA degree in english, journalism, marketing or communication arts. Minimum one year experience as a writer in fund raising, advertising, public relations or higher education. Send cover letter, resume and 3 writing samples or call in confidence to Esther L. Smith.

### RESEARCH SUPPORT SPECIALIST I (PT397) Food Science and Technology-Geneva (Repost)

Provide technical support involving growth, maintenance and preparation of plant material. Perform biochemical separation, enzyme purification and assays, electrophoretic and immunological work. Record and statistically evaluate data, computerized updating of literature file, laboratory maintenance.

Requirements: B.S. degree in biology, biochemistry, molecular biology or related field. Master's preferred. Strong proficiency in advanced HPLC, electrophoresis, radioisotopes, biochemical separations and immunology required. Send cover letter and resume to Charie Hibbard, Box 15 Roberts Hall, Cornell University, Ithaca, NY 14853.

### ARCHITECT-PROJECT MANAGER (PA4110) Architectural Services

Manage major architectural projects for the University. Responsibilities include directing progress meetings for project; setting and monitoring project schedules and budgets; coordinate activities of departmental professionals in supporting the projects; prepare feasibility studies and other project statistics to guide program; interview and advise on selection of A-E consultants and assist in negotiation and preparation of contracts.

Requirements: Bachelor's degree in architecture required; Architectural registration desirable. Minimum 7-10 years responsible experience in architectural project management. Demonstrated excellent organizational and communication skills necessary. Experience with personal computers desirable. Send cover letter and resume to Cynthia Smithbower.

### DEVELOPMENT OFFICER II (PA414) Plantations

Organize a program of public affairs designed to enhance continuing development objectives while achieving new development goals. Integrate development effort at Plantations with overall program of public affairs at the University.

Requirements: Bachelor's degree required. 3 years working experience in development activities, preferably within higher education. Experience with Cornell public affairs and fund raising desirable. Excellent skills in leadership, organization, communication, writing, and sensitivity to human relations are necessary. Send cover letter and resume to Cynthia Smithbower.

### RESEARCH SUPPORT SPECIALIST III (PT415) Geological Sciences

Carry out preparative chemistry in ultraclean lab, operate and maintain thermal-ionization isotope-ratio mass spectrometer, carry out instrumental neutron activation analyses. Supervise day-to-day operation of clean lab and mass spectrometer facility.

Requirements: M.S. or equivalent experience in analytical geochemistry, mass spectrometry, computer programming and electronics. Send cover letter and resume to Judi Pulkinen by October 30.

### APPLICATIONS PROGRAMMER I (PT413) Computer Services

Maintain, develop, install, document and modify software for batch and interactive systems programs. Write production procedures and JCL. Diagnose and solve production problems.

Requirements: Bachelor's degree or equivalent with computer related courses. Knowledge of applications for interactive administrative systems and data base concepts desirable. Experience with machine architecture, programming languages (such as PL-

1, NATURAL, COBOL) and system utility programs necessary. Send cover letter and resume to Judi Pulkinen by October 31.

### APPLICATIONS PROGRAMMER-ANALYST II (PT411) Vice President for Campus Affairs

Under general supervision, design, develop, modify, maintain and document approved computer applications as needed for Division of Campus Life departments.

Requirements: Bachelor's degree or equivalent with computer-related courses. 1-3 years related experience. Working knowledge of applications for batch and interactive systems, JCL, machine architecture, database management system and system utility programs is necessary. Two programming languages required: COBOL, BASIC, PASCAL, PL1, Natural. Experience with DEC, Honeywell, or IBM minicomputers and PC's preferred. Send cover letter and resume to Judi Pulkinen by October 31.

### STUDENT DEVELOPMENT SPECIALIST III (PA417) Career Center

Coordinate career planning and placement activities for minority students; provide career-placement programs; develop cooperative relationship with employers, college placement offices, college minority offices, and student organizations. Handle special administrative projects such as Career Center News and Minority Employment Study.

Requirements: B.A. degree; Master's degree or equivalent preferred in counseling, student personnel, education, or related areas. Career counseling skills; understanding of minority career development needs; 2 years experience in higher education, counseling, or career planning and placement. Send cover letter and resume to Cynthia Smithbower.

### DIRECTOR OF PUBLIC AFFAIRS (PA403) Campus Life-Public Affairs

Plan, initiate, coordinate and maintain a program to encourage and receive private support for campus life projects from individuals, corporations, foundations and agencies.

Requirements: Bachelor's degree required. 2-5 years broad-based development experience, preferably in higher education. Experience in developing and working with volunteer committees. Excellent communication skills. Knowledge of Cornell University preferred. Submit cover letter and resume to Cynthia Smithbower by November 7.

### APPLICATIONS PROGRAMMER II (PT404) University Registrar

Provide on-line computer applications development on mainframe (ADABAS, SAS), minicomputer (COBOL) and microcomputers and technical support for large scale computer processing in administrative unit. Programming support for ad hoc queries and reports.

Requirements: Bachelor's degree with computer related courses or equivalent combination of education and experience. Familiar with COBOL, NATURAL, SAS, IBM UCL, MS-DOS, experience with on-line computer applications and systems analysis and design techniques. Send cover letter and resume to Judi Pulkinen by October 31.

### ASSOCIATE DEAN (PC344) Graduate School

Responsible for supervision of daily function and operation of Graduate School Office. Counseling and guidance of graduate students. Assist dean in implementation and on-going review of Graduate School legislation and policy coordination. Handle special projects arising both internally and externally.

Requirements: PhD plus administrative experience at university level preferred. Faculty supervision of graduate students desirable. Demonstrated capability for efficient, accurate, and analytical recording and interpretation of data and policies. Familiarity with administrative computing. Excellent interpersonal skills. Send cover letter and resume or call in confidence to Esther L. Smith (607-255-6874).

### APPLICATIONS PROGRAMMER II (PT385) Modern Languages and Linguistics-Report

Provide systems level programming and support on PDP 11-73, IBM PC-AT, and Callan Unistar 68000 for research and teaching phonetics. Duties include implementation and development of signal processing software as well as modification of existing speech synthesis systems and management of large phonetic data bases.

Requirements: Bachelor's degree in Electrical Engineering or Computer Science or equivalent. 2-3 years experience programming; knowledge of Fortran, C, Macro 11, RT-11, RSX; also experience in microcomputer programming, especially IBM PC-AT. Experience in digital signal processing preferred. Send cover letter and resume to Judi Pulkinen by October 31.

### SENIOR TECHNICAL CONSULTANT (PT2312) Mathematical Sciences Institute-Report

Provide applications and systems programming assistance to visitors to Mathematical Sciences Institute; maintain system on UNIX host on Theorynet.

Requirements: B.S. in Engineering or Physical Sciences; some course work in Computer Science. 3-5 years UNIX systems programming; FORTRAN; VM-CMS or FPS-APFTN applications programming experience desired. Send cover letter and resume to Judi Pulkinen by October 31.

### ASSISTANT CATERING MANAGER (PA282) Dining Services-Report

Assist catering manager, prepare equipment lists, hire and supervise catering employees, coordinate special meals for University athletic teams and coordinate special events including cross country gourmet, summer conferences and reunion weekend.

Requirements: Associate's degree. 1 year food service supervisory experience. Knowledge of food and health codes. Send cover letter and resume to Cynthia Smithbower.

### RESEARCH SUPPORT SPECIALIST I (PT398) Division of Nutritional Sciences-Report

Computerize statistical analysis and reporting of data from a large national survey and on-going studies of nutritionally at-risk populations.

Requirements: Bachelor's degree or equivalent plus 5 years related experience. Master's degree preferred. Knowledge of biological, social sciences or nutrition research. Ability to manipulate large data sets. Demonstrated proficiency in use of statistical programs and in data collection and analysis. Knowledge of statistics through multiple regression analyses. Send cover letter and resume to Judi Pulkinen.

## Clerical

CURRENT EMPLOYEES should submit an employee transfer application, resume and cover letter. Also, if you are interested in a career development interview, please contact Esther Smith at 5-6874 to schedule an appointment.

OUTSIDE APPLICANTS should submit an employment application and resume. 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 whereby outside 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: OPEN INTERVIEWING FOR OUTSIDE APPLICANTS interested in clerical positions will be conducted every Wednesday afternoon from 1:00 - 6:00p.m. in our East Hill Plaza Employment Office. No appointment is necessary, however a short wait may be required. Call Esther Smith or Lauren Worsell if you have any questions.

### SECRETARY, GR20 (C426) Natural Resources

Serve as word and information processor to support faculty and research associates. Schedule appointments; coordinate meetings; arrange travel; maintain filing system; screen telephone calls. Other duties as assigned.

Requirements: A.A. degree or equivalent. Heavy typing. Experience working with personal computers using Word Perfect, MS Word, Lotus 1-2-3, or equivalent, and aptitude and willingness to learn. Strong grammar, punctuation and editing skills. Excellent communication, organizational, and interpersonal skills.

Minimum Biweekly Starting Salary: \$482.33

### ADMINISTRATIVE AIDE, GR20 (C423) Dean's Office, College of Arts and Sciences

Provide administrative and secretarial support to Dean and his staff. Maintain academic personnel records and college accounts; arrange meetings, etc; supervise students; compose correspondence; handle special projects as needed.

Requirements: A.A.S. degree or equivalent. Heavy typing. Minimum 2 to 4 years experience. Knowledge of Word Perfect, Lotus 1-2-3. Familiarity with academic appointments helpful. Knowledge of Cornell accounting procedures preferred.

Minimum Biweekly Starting Salary: \$482.33

### SECRETARY, GR19 (C421) Psychology

Gather, prepare, disseminate psychology course information; handle course enrollment; update course information catalog; coordinate room scheduling; prepare relevant reports; maintain advisee-major information; answer department phone and handle inquiries about department operations and refer to proper source.

Requirements: Associate's degree in secretarial science or equivalent. Medium typing. Minimum 2-3 years secretarial experience. Knowledge of word processing. Excellent interpersonal and organizational skills. Experience working with students. Knowledge of Cornell desirable.

Minimum Biweekly Starting Salary: \$457.09

### SECRETARY, GR18 (C422) State Programs Office

Provide secretarial and receptionist support to Director, Assistant Director, and other State Programs Office Staff. Assist and interact with approximately 150 Opportunity Program students, type and word-process; make travel arrangements; receive office visitors. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. Minimum 1-2 years related experience. Strong interpersonal and communication skills. Word processor experience desirable.

Minimum Biweekly Starting Salary: \$431.43

### DATA ENTRY OPERATOR II, GR18 (C426) Computer Services

Key enter or key verify data via CADE keystations. 39 hours per week, shift work, weekends.

Requirements: High school diploma or equivalent. At least 1 to 2 years data entry or keypunch experience, preferable CADE system.

Minimum Biweekly Starting Salary: \$431.43

### STACKS ASSISTANT, GR16 (C425) Access Services, Olin Library

Maintain book stacks of library. Shelve a large volume of materials; process incoming serials on a daily basis and maintain an orderly academic environment. Other duties include staffing library security desks.

Requirements: High school education or

equivalent. Familiarity with libraries and an academic setting, some public service experience desirable. Strong organizational and communication skills.

Minimum Biweekly Starting Salary: \$390.08

### ACCOUNTS COORDINATOR, GR24 (C4014) Restricted Fund Accounting

Monitor financial activity of restricted accounts. Prepare and submit billings to sponsors; monitor receivables; correspond with sponsors and Cornell community; defend accounting system to auditors.

Requirements: B.S. in accounting, business or related field. Strong accounting background, familiarity with University accounting system preferred. Experience with IBM PC using Symphony preferred. Excellent communication skills. Send cover letter, resume or call in confidence to Esther L. Smith (607)255-6874 by October 24.

Minimum Biweekly Starting Salary: \$607.21

### RESEARCH AIDE, GR17 (C3416) Natural Resources-Report

Provide a variety of support services to 5 professional research staff. Specific duties include table and figure preparation, literature review, coding, conduct telephone interviews and clerical assistance.

Requirements: A.A.S. preferable in natural resources or related field. Coding, figure preparation, familiarity with computers, especially output for tabulation from SPSSX and SAS. Microcomputer experience using Wordperfect and MacWrite.

Minimum Biweekly Starting Salary: \$409.53

## General Service

Outside applicants for general service positions should apply in person at the East Hill Plaza Employment Office, Monday - Friday, 9am - 12 noon. Phone requests and cover letters are not accepted unless specified. Regular Cornell employees should submit an employee transfer application.

### HEAD CUSTODIAN, SO17 (G401) Unions and Activities-Endowed

Maintain building cleanliness; repair and replace equipment and furniture; set-up rooms and equipment; schedule and oversee work of custodians in assigned area. 10 month position; some nights and weekends required.

Requirements: High school diploma or equivalent. Valid New York State Class 5 drivers license. 2 years experience in custodial and maintenance fields required; supervisory experience preferred. Strong communication and interpersonal skills essential.

Minimum hourly rate: \$5.42

### MAIL CLERK, GR16 (G423) Admissions

Receive, sort and distribute U.S. and campus mail throughout facility. Maintain records with regards to applications, fees, etc. Ability to read and evaluate mail for distribution to appropriate departments.

Requirements: High school degree or equivalent. Knowledge of mail equipment and postal regulations desired. Minimum 1 year experience in office environment preferred.

Minimum Biweekly Starting Salary: \$390.08

## 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 Judi Pulkinen.

Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technicians.

### TECHNICIAN, GR19 (T423) Avian and Aquatic Animal Medicine-Massachusetts

Assist in preparation for and performance of microbiological techniques necessary for diagnosis and research in aquatic animal diseases.

Requirements: B.S. degree or equivalent related to aquatic animal medicine, microbiology and relevant sciences. Experience with diagnostic, research or educational methods employed in the study of microbiological agents of aquatic animal diseases. Send cover letter and resume to Dr. Louis Leibovitz, Marine Biological Lab., Woods Hole, Mass.

Minimum Biweekly Starting Salary: \$457.09

### TECHNICIAN, GR19 (T422) Entomology

Provide technical assistance in an entomological-parasitological research laboratory by preparing in vitro systems for culture of human parasites and conducting routine biochemical assays.

Requirements: B.S. in Biology or related equivalent experience. Cell-tissue culture experience preferred; some experience in biochemistry or chemical assays preferred. Send cover letter and resume to Judi Pulkinen by November 6.

Comp Sci *Continued from page 8*

2,649 in 1991.

Compared to more mature academic fields — which now face vacancies as faculty members reach retirement age — computer science is a young field, the survey found. Only 16 persons who were teaching computer science retired or died in 1985. However, 62 left teaching for non-academic positions.

Computer science teachers don't lack for students, said the authors of the Computer Science Board's "Imbalance" report. The field has the highest ratio of Ph.D. students to faculty — 9 to 1 — of any related discipline. The ratio for all engineering fields is 2 to 1. Only electrical engineering, at 5 to 1, comes close.

Other authors of the Computer Science Board report are Raymond Miller, director of the Georgia Institute of Technology's School of Information and Computer Research; Robert Ritchie, manager of the Xerox Computer Science Laboratory; and Paul Young, chairman of the University of Washington's Computer Science Department.

That report cites unemployment figures indicating a bright outlook for computer scientists with Ph.D.s. In 1982, the most recent year surveyed, the unemployment rate for male Ph.D. computer specialists was 0.8 percent. The same year, the unemployment rate was 2.8 percent for all engineers and 5.3 percent for all other major academic disciplines.

— Roger Segelken



The New York Baroque Dance Company, performing theatrical and court dances of 1670 to 1750, will be here with Concert Royal, a period instrument ensemble, Oct. 24 at 8 p.m. in Statler Auditorium.

Wole Soyinka *Continued from page 1*

Soyinka did not receive the prize this year because of his political activism, said Gates, but "because he is one of the few writers who can delve into the particular and end up in the universal. And he does so by writing about specific African, and particularly Yoruba experiences, yet somehow speaks to every reader in every language. Soyinka combines an immense vision with political integrity and artistic excellence in a way that few other writers in any language embody."

In an interview Gates conducted with Soyinka for the June 23, 1985, issue of *The New York Times*' Review of Books, the writer — who says he thinks of himself "principally as a man of the theater" — said:

"... any time an occasion demands a particular position and a direct position, I look for the tool — whether it's literary or physical activism — which can address that situation."

Soyinka said he does not "believe in anguish over situations" he cannot remedy. But, he said, if he knows he can make a difference with his particular gifts, he cannot be at peace with himself unless he is participating.

David Feldshuh, artistic director of Theatre Cornell, who directed the American premiere here last year of Soyinka's one-act play, "Jero's Metamorphosis," said he is looking forward to the Nigerian playwright's return to campus.

Feldshuh said he found Soyinka understanding and very gracious. At one of the rehearsals for "Jero's Metamorphosis," he asked Soyinka if he could introduce a song at a particular point in the play.

The author responded, "No, no, I'm not here, I'm not here. You are the director."

— Martin B. Stiles

Barton Blotter:  
Laser printer stolen

A laser writer valued at \$7,539 was reported stolen from Martha Van Rensselaer Hall, according to the morning reports of the Department of Public Safety for the period Oct. 9 through 16.

There were a total of 12 thefts during the period with losses in cash and valuables set at \$8,782. Other items reported stolen were a \$200 television cable box taken from McGraw Place, a \$200 microwave oven stolen from 600 University Ave., \$110 in soda taken from Rice Hall and a \$180 tape recorder stolen from Myron Taylor Hall.

Other thefts include two bicycles worth a total of \$585 and \$100 in cash taken from Uris Library.

Eight persons were referred to the judicial administrator: two on charges of criminal mischief, three on possession of stolen property, two for criminal trespass and one for altering a parking permit.

## Graduate bulletin

**Course changes:** The deadline for changing grade options, credit hours and dropping courses is Oct. 24. A \$10 late fee is charged for any change in course enrollment after this date.

**Travel grants:** The deadline for submitting student travel grant applications for conference in January is Nov. 1.

Information is available from field secretaries or from Dean Hart's office, 206 Sage Graduate Center, 255-5235.

**New York State Assembly Intern Program:** \$9,000 stipends for January to mid-May assignments in Assembly leadership staff positions. Deadline, Nov. 1.

**National Wildlife Federation Fellowships:** \$10,000 stipend for studying natural resources management and conservation. Deadline, Dec. 15.

**Environmental Publications Award:** \$2,500 for publication of original graduate research. Deadline, Nov. 30.

Job Opportunities *Continued*

Minimum Biweekly Starting Salary: \$457.09

## TECHNICIAN, GR18 (T424) Food Science

Conduct dairy product processing experiments. Work with cheese making and membrane processing equipment. Collect samples and run laboratory analysis. Summarize data and report data to project supervisor.

Requirements: B.S. in food science with course work in food or dairy product processing, food chemistry, and food analysis. Familiarity with cheese making and ultrafiltration equipment. Send cover letter and resume to Judi Pulkinen by November 7.

Minimum Biweekly Starting Salary: \$431.43

## TECHNICAL ASSISTANT, GR15 (T421)

Plant Pathology-Lake Placid  
Assist with technical aspects of producing disease-free potato seed stocks. Organize and plant potato plantlets in greenhouse. Water, fertilize and care for plants. Harvest potatoes in greenhouse and field, record data. Clean and sterilize dishware and greenhouse. Position at Lake Placid Uihlein II labs.

Requirements: High school education or equivalent. Send cover letter and resume to Judi Pulkinen.

Minimum Biweekly Starting Salary: \$371.48

## TECHNICIAN, GR20 (T419) Nuclear Science and Engineering

Maintain and operate the Cornell Cryogenic Electron Beam Ion Source. Fabricate and assemble experimental apparatus associated with or forming part of CEBIS.

Requirements: Associate's degree preferred. Basic machining skills (operate lathe, milling machine and drill press). TIG welding experience desirable but not necessary. Send cover letter and resume to Judi Pulkinen by October 31.

Minimum Biweekly Starting Salary: \$482.33

## TECHNICIAN, GR18 (T412) Section of Physiology

Provide technical support in preparation and characterization of monoclonal antibodies to brush border membrane components

of pig and human intestinal epithelial cells; routine care of laboratory equipment, ordering of laboratory supplies, and care of small animals (mice and rats).

Requirements: B.S. in Biological Sciences. Experience in biochemical and immunological techniques, including membrane purification and analysis, purification and characterization of monoclonal antibodies, immunofluorescence techniques. Send cover letter and resume to Judi Pulkinen by October 30.

Minimum Biweekly Starting Salary: \$431.43

## TECHNICIAN, GR18 (T414) Section of Physiology

Provide technical help in preparation and characterization of monoclonal antibodies of pig and human intestinal brush border membrane proteins, preparation of cell culture items of general use and ordering of lab supplies.

Requirements: B.S. in Biological Sciences. Knowledge of cell culture and sterile techniques, in particular culture of hybridomas, preferred. Send cover letter and resume to Judi Pulkinen by October 30.

Minimum Biweekly Starting Salary: \$431.43

## Part-Time

ib loc  
rb 21c

## RECORDS ASSISTANT, GR16 (C424)

Catalog Department-Olin Library  
Participate in a project to convert library catalog records into machine-readable form using RLIN system by inputting original records on line. Other duties as assigned. Regular, part-time, 20 hours per week, may require evening hours.

Requirements: High school education or equivalent. Medium typing. Ability to perform detailed and repetitive tasks accurately. Experience with foreign languages helpful.

Data entry or office experience desired. Minimum full-time equivalent: \$390.08

## ADMINISTRATIVE AIDE, GR19 (C3611) Career Center

Provide administrative and secretarial support to Associate Director of Health Careers. Arrange meetings, organize special programs, and interact with faculty.

Requirements: Business, secretarial, or Associate degree; or comparable experience. Heavy typing. Attention to details; dictation desirable. Must have strong interpersonal and organizational skills. Accuracy and confidentiality are essential. Familiarity with IBM-PC and/or MacPlus desirable.

Minimum full-time equivalent: \$457.09

## Temporary

**TEMPORARY OPPORTUNITIES:** Individuals qualified for temporary work and interested in clerical-secretarial: if you have experience or skills, and are interested in learning more about these opportunities, please call Lauren Worsell at 255-5226.

## STUDENT DEVELOPMENT SPECIALIST I (PA419) Human Ecology Admissions

Participate in planning and coordination of recruitment activities. Coordinate system support for admissions and research. Conduct information programs, advise and counsel prospective students, travel to high schools and community colleges. Assist with publications and coordinate a selection committee. Monday through Friday, 15-40 hours per week until May, 1987.

Requirements: Bachelor's degree preferred. Master's in education or related field helpful. Familiarity with the College of Human Ecology essential. Experience in admissions, public relations, education or related fields. Strong verbal and written communication skills. Management experience helpful.

Submit cover letter and resume to Cynthia Smithbower by November 1.

## COPY EDITOR (PC426) Publications Services

Edit manuscript (for example, Courses of Study and commencement program) and work with clients, designers, and Publications Graphic Purchasing personnel in supervising printed pieces. Edit copy for sense, organization, accuracy, grammar, punctuation and spelling. Consult with clients about manuscripts and proofs; read and correct proofs; plan production schedules and see that they are met. 5 to 19 hours per week; flexible.

Requirements: Bachelor's degree in English or linguistics preferred. Ability to work independently, sensitivity to language, high regard for precision. Strong interpersonal and organizational skills. Send cover letter and resume to Laurie Worsell by October 31.

## WORD PROCESSOR (C4024) Chemistry

Primary responsibility for word processing in Departmental Word Processing Center. Provide support on Micom and other word processing machines (IBM AT and Macintosh) to staff members. Keep records of use of Word Processing Center services, prepare monthly billing. Full-time through February.

Requirements: High school diploma or equivalent. Heavy typing. At least one year experience in word processing in chemical or physics terms using Micom. Additional training or experience on IBM XT using Wordperfect or other software desirable.

## COLLECTION REPRESENTATIVE (C3915) Endowed Accounting Office

Telephone and written collection of past due non-student receivables. Processing and filing all records pertaining to collection of past due receivables. Full-time, 2 months.

Requirements: High school diploma or equivalent. Collection experience preferred. Excellent telephone and written communication skills. Familiar with IBM PC computer essential.

Minimum hourly rate: \$5.00

## OFFICE ASSISTANT (C3914) Veterinary Medical Teaching Hospital

Answer telephones in Small Animal Clinic Communications Center, set up appointments

using Hospital computer system, respond to routine questions, refer callers to appropriate staff member. Type letters to clients and refer veterinarians. Other duties as assigned. Part-time, casual. Monday through Friday, 3:00 to 6:00 p.m., Saturday, 8:00 a.m. to 12 noon.

Requirements: High school education or equivalent. Knowledge of medical terminology and medium typing essential. Must demonstrate strong organizational, interpersonal, and communication skills. Call in confidence to Laurie Worsell at (607) 255-7044.

## SECRETARY (C3918) Residence Life

Receive incoming calls, screening and referring as needed. Intercept and screen all students. University personnel and public who come to main office. Answer questions and make appropriate referrals. Provide administrative-secretarial support for Residence Hall Director and Housekeeping Supervisor. Compose and type various material including reports, letters, notices, and forms. Develop schedules for staff supervised. Maintain office records for supplies and materials. Other duties as assigned. Full-time. 3-4 months.

Requirements: High school diploma or equivalent. Medium typing. Business or secretarial school desirable. Minimum 1-2 years office experience. Excellent organizational, interpersonal and communication skills.

Jobs listed here are prepared by Staffing Services. The list of current vacancies is part of the university's commitment to promotion from within, affirmative action, and equal opportunity employment.

Employees seeking transfer to other jobs should contact Staffing Services for appropriate procedures and forms.

Employment applications are available at Cornell's employment office, East Hill Plaza (Judd Falls and Ellis Hollow roads), 9 a.m. to noon Monday through Friday. Mail completed forms to Cornell Staffing Services, 160 Day Hall, Ithaca, N.Y., 14853-2801.

This listing also is on CUINFO, the university's computerized info the Information and Referral Center in Day Hall and other campus locations.

# SPORTS

The football team, which is now 4-1 and 3-0 in Ivy action, is sitting comfortably atop the Ancient Eight with only the University of Pennsylvania (4-0, 3-0 in Ivy League) for company.

This week, the gridders travel to Hanover, New Hampshire to take on winless Dartmouth (0-5 overall, 0-2 in Ivy League). So far this season, the Green have had 222 points scored against them, compared to the 52 points they have racked up against their last five opponents.

The Big Red pummeled Brown last Saturday, 27-9. It was the first time in 15 years that Cornell has defeated this Ivy foe on home turf.



Cornerback Jim Frontero intercepted a Brown pass to make a 74-yard touchdown last Saturday.

Cornell opened the scoring midway through the first quarter, marching 57 yards on seven plays. Quarterback Marty Stallone found tight end Stuart Mitchell in the end zone and connected with him on a 22-yard scoring strike. Tom Aug booted in the conversion and the Red led, 7-0.

Brown answered the Cornell challenge with a 52-yard drive of its own, capped off by a 38 yard field goal. It was to be the only Bruin score of the first half.

With eight minutes remaining in the second quarter, the Red was faced with a third-and-11 situation at the Brown 34. Stallone hit Stuart Mitchell on the right sideline and the tight end moved the ball to

the Bruin one-yard line before being brought down. Two plays later, fullback Jeff Johnson pushed his way in for a touchdown to give Cornell a 14-3 advantage.

In the third quarter, Brown looked ready to narrow the score, as the Bruins were on the move at the Red 26. Two plays later, as Bruin quarterback Mark Donovan was moving back for a pass, Red defensive tackle Gary Rinkus broke through the offensive line and nailed Donovan to the astroturf. The harried quarterback, in an effort to get off a pass, tossed the ball into the waiting arms of Cornell cornerback Jim Frontero, who dashed 74 yards for a touchdown. It was Frontero's fourth interception of the season, and it proved to be the back-breaker for the Bruins.

In the fourth quarter, Johnson got his second score of the day on a two yard run. Brown was paralyzed until the 10:50 mark of the final stanza, when it scored on a 32-yard touchdown pass from Donovan to Keiron Bigby. But it was too little, too late, and Cornell waltzed off the field with another Ivy League win.

## Men's soccer

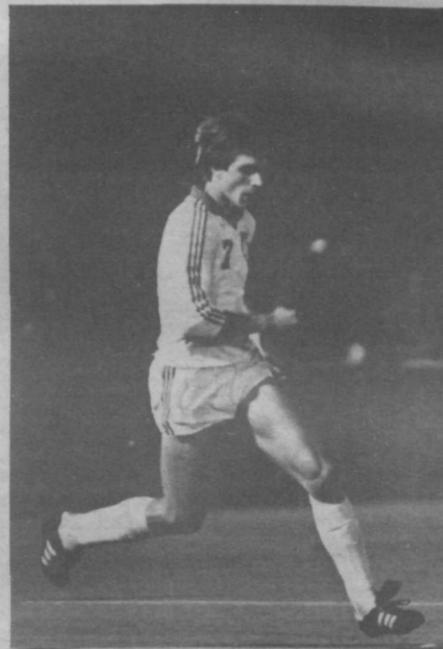
The men's soccer team is now ranked No. 18 in the nation and No. 2 in New York State. Last week, the Red added two more victories to its record, which now stands at 6-1-3 overall and 2-0-2 in the Ivy League, good for first place in the Ancient Eight.

Last Tuesday, Cornell blanked Adelphi, 2-0. Freshman Robert Dreesch was the first to score at the 38:55 mark off a cross from sophomore midfielder Pat Price. In the second half, sophomore Scott McMahon sent a diving head shot towards senior John Hastings, who took the pass, broke away and sent a 25-yard shot into the far post and into the net.

The Red returned home on Friday to meet Brown on a cold, wet Schoellkopf Field. Junior standout John Bayne netted the Red's first goal at the 43:57 mark on a pass from Eric Levy. In spite of Cornell's outstanding passing and superb ballhandling in the second half, several scoring opportunities failed and Cornell unable to capitalize on its lead. Brown netted the tying goal at 62:24, thus, the Red was forced into its fourth overtime situation of the season.

With 2:44 remaining in the second overtime period, Hastings led Bayne with a pass. A Bruin defender tripped the

midfielder up from behind and Cornell was awarded a penalty shot. Bayne made good on his opportunity and the Red was on top, 2-1. For the last part of the period, Brown was a man short, as their leading scorer was forced out on a red card. Several outstanding saves by Red goalie Mike Zaremsky sealed the Red victory. Bayne received Ivy Player of the Week status for his performance, and Zaremsky upped his save percentage to .902.



John Bayne was named Ivy League Player of the Week for his two-goal performance against Brown last Friday.

## Women's volleyball

The women's volleyball team beat Harvard last weekend, but dropped a match at Brown. The Red now sports a 13-5 record at the halfway point of the season and travels to the Colgate Invitational this weekend.

Cornell soundly defeated the Crimson, 15-5, 15-3, 9-15, 15-12. The Moose simply outplayed the Cantabs in the first two games. However, Harvard caught on to the Red strategy in the third game, and won the contest, 15-9.

In the fourth game, Cornell fell behind, 12-9, and ran out of substitutions at the same time. Pam Burke, a defensive specialist, was forced to stay in and block in the middle. Despite this disadvantage, the

Red fought back and took the game, 15-12.

The next day, Cornell was not as fortunate. Burke, who had excelled against Harvard, was unable to play because of a sprained ankle sustained in the Crimson contest. The team immediately felt the loss, as Brown jumped out to an 11-1 lead in the first game. The Bruin's big block and tough serving took its toll on the Red's play and they cruised to an easy 15-6, 15-8, 15-7 win over Cornell.

## Other away action

The lightweight football team takes its 2-1 Eastern Lightweight Football League record on the road this weekend when it travels to Rutgers, Oct. 24. The Red is coming off a resounding win over previously undefeated Navy, and is seeking a share of the ELFL title.

The women's soccer team, 7-1-2 overall, 2-1-1 in Ivy action, travels to Dartmouth Oct. 25 in a quest for its first Ivy League crown. They will be joined in Hanover by the women's field hockey team which is looking for its first Ivy win of the season. The men's and women's cross country teams are both at Bucknell on Oct. 25 for a three-way meet with the Bisons and Rochester and the women's tennis team will take part in the New York state tournament on Oct. 25-26.

— Marcy Dubroff

## The week in sports

### Monday 10/27

J.V. Football - Milford Academy, 4:30 p.m.

### Tuesday 10/28

Men's Varsity Soccer - Syracuse, 7:30 p.m. Schoellkopf Field.

### Friday 10/31

Freshman Football - Army, 3:30 p.m. Schoellkopf Field.

Volleyball - Princeton, 7:00 p.m. Helen Newman Gymnasium.

## 12 Vet staff, students treated against rabies

About a dozen staff members and students of the College of Veterinary Medicine are being treated for possible exposure to rabies after a young horse was admitted to the Large Animal Clinic and found to have that disease.

There is no danger of spread of the disease in Tompkins County because of this case, according to Dr. Robert F. Playter, director of the Veterinary Medical Teaching Hospital, which operates the Large Animal Clinic.

A six-month-old male colt from Orange County, N. Y., was admitted to the clinic Oct. 1. Tissue samples from an Oct. 3 necropsy were tested in a state health department laboratory in Albany, which confirmed Oct. 7 that the animal had rabies. On Oct. 8 the college began interviewing persons who may have been exposed to the horse.

Out of 45 students, faculty and staff members who reported possible exposure, it was determined that 12 or more had experienced what college officials termed "significant exposure," thus requiring further treatment.

Because most veterinary students and staff routinely receive pre-exposure rabies vaccinations — in the event they contact a rabid animal in the course of their studies or work — some of those being treated required only two booster vaccinations. Others are receiving a series of five anti-rabies injections over a one-month period.



Some shepherds think they are sheep. The dogs now guarding the flock for the College of Veterinary Medicine were raised with sheep from the age of six weeks and "they develop a bond with the sheep and will die protecting them," says Donald Flatt, animal technician.

Here, along Ellis Hollow Creek Road, Flatt displays the Anatolian Karabash, left, and the Maremma, a dog from northern Italy that killed a wolf in Minnesota earlier this year. Since the pair went to work guarding the 200-sheep flock, losses to marauding dogs have dropped to zero.

## Corps celebrates

Peace Corps Director Loret Miller Ruppe will visit Cornell Oct. 23-24 as part of nationwide activities celebrating the corps' 25 anniversary.

Ruppe will take part in an open symposium on Africa scheduled from 2 to 6 p.m. on Oct. 24 in 120 Ives Hall. Other speakers, including Ernest Ako-Adjei, adviser to the World Bank's executive director for North Africa, will examine the impact of Peace Corps and private voluntary organizations on African agricultural development.

The Peace Corps is sponsoring similar symposiums at other universities throughout the year as part of its anniversary activities.

Ruppe also will meet with former Peace Corps volunteers now living in the Ithaca area during a reception in the John Hartell Gallery of Sibley Hall from 7 to 9 p.m. on Oct. 23.

There are more than 200 former Peace Corps volunteers in the area, including about 30 Cornell faculty and 100 graduate students, according to Beth Floyd, a graduate student and Peace Corps recruiter who served with the corps in the Dominican Republic in 1979-81.

"I'd like to see as many of these corps veterans as possible attend the reception," she said.

Floyd, who operates out of an office at 222 Roberts Hall, said that more than 700 Cornell graduates have served in the corps since its inception. There have been 26 applications this year, she said.

— Martin B. Stiles

# Networking

A Cornell Newsletter Published by Employees for Employees

Volume 7, Number 12

Thursday, October 23, 1986

## Ellie Zupancic Awarded Dedicated

### Service for October

The staff and students of Snee Hall have nominated Eleanor "Ellie" Zupancic for the October Dedicated Service Award because of the contributions she makes to their lives at Snee Hall. Ellie, one of the custodians at Snee Hall, came to the Department of Buildings Care on March 21, 1985 after having worked at Smith Corona for twelve years.

Ellie's friends believe she deserves the Dedicated Service Award because she does her job very well. Not only that, she does it with a smile on her face. You can always tell where Ellie is because she

whistles while she works. Ellie brings sunshine and happiness to the building. Her friends are very proud to have her there, and wish to say, "Ellie, thanks for all the extra little things you've done to make it much more pleasant here."

Upon learning of Ellie's nomination for the Dedicated Service Award, Jean Rogers, superintendant of Buildings Care said, "We are very proud to know that the staff in Snee Hall think so highly of Ellie. A pleasant attitude is a winner every time."



## Transfers and Promotions for September Announced

### EMPLOYEE

Susan L. Adelman  
Darlene Alling  
Cathleen Anderson  
Margaret Bart  
Carolyn Belonsoff  
Marie M. Bruce  
Donna M. Burns  
Joann Butler  
Carolee Comstock  
James J. Conboy  
Richard G. Entlich  
Roger Glezen  
Constance Gordon  
Arthur Hardison  
R. Herskowitz  
Mary J. Lash  
John A. Latta  
Barbara J. Lauber  
Kathryn Lomax  
Cheryl Muka  
Letha B. Padgett  
Sandra Seymoure  
S. Sharpsteen  
Cay L. Wilson  
J. Romick-Zender

### DEPARTMENT

Sponsored Programs  
University Development  
Johnson Museum  
Agricultural Engineering  
Music  
Animal Science  
Government  
Agricultural Engineering  
University Libraries  
University Libraries  
Textiles and Apparel  
University Libraries  
Dining  
Dean of Students  
Residence Life  
Unions & Activities  
University Press  
University Libraries  
Nuclear Studies  
Johnson Museum  
Cooperative Extension  
Agronomy  
Hotel Administration  
Biochemistry  
University Libraries

## Around Cornell

### Art Museum Offers Lunchbox Tours

by Nancy Mozenter Simmons  
Make the most of your lunch hour at the Herbert F. Johnson Museum of Art.

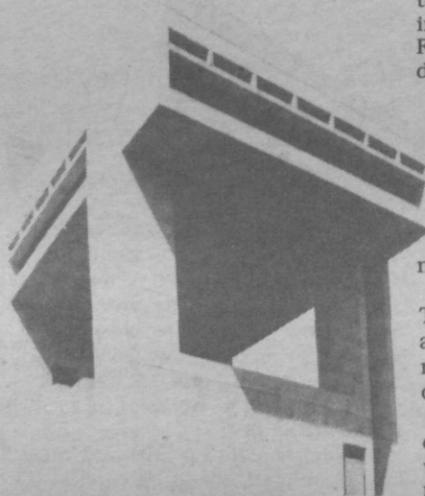
During the month of October, the museum staff has been offering half-hour talks on Thursdays, highlighting various collections in the museum. Following the tours, you can eat your brown bag lunch in the scenic sixth-floor conference room. Free coffee and tea are provided and soft drinks are available for a small fee.

Take advantage of the two remaining tours:

Thursday, October 23. "Arts from Asia: Materials and Techniques" Learn how ritual bronzes were cast. Learn the use of a chop and the traditions of scroll painting. See and handle the tools and materials of these ancient arts.

Thursday, October 30. "Face to Face: The Art of Portraiture" Portraits of artists, poets, mystery personalities, and members of British nobility are just a few of the art works covered in this tour.

Tours begin at 12 noon and provide enough time to eat lunch and be back to work by 1:00. For more information, please call 5-6464.



## A True Fairy Tale

by Nancy Mozenter Simmons  
Once upon a time, there was a new employee at Cornell University, who enjoyed her work, but felt lost among the crowd. She didn't know quite what to do. Then one morning at work, she found a newspaper on her desk. It was the

Cornell Chronicle and inside was Networking, a newsletter published by employees, for employees.

"Ah," she exclaimed, "at last a way to get involved." She called one of the members on the editorial board, who was delighted that this new employee wanted to be a part of Networking.

So she attended her first weekly Tuesday noon meeting where she was greeted warmly by other employees representing many areas of the University.

Her first assignment was to write an article explaining why and how she became interested in Networking.

This is her story. And in case you have not guessed, that employee is me.

You, too, can get involved. It's not necessary to be a professional writer, or professional photographer -- you just need to have an interest in sharing your talents and thoughts with other staff members, either on a weekly basis or monthly basis or whatever fits your schedule. Please call Donna at 5-4429 for more information.

...Oh yes, they all lived happily ever after.



Nancy M. Simmons



## Just For Your Information UNITED WAY OF TOMPKINS COUNTY Pre-Campaign Allocations Recommendations

Alcoholism Council	\$ 22,378
Battered Women's Task Force	18,692
Boy Scouts	38,564
Camp Fire	30,018
Challenge Industries	18,292
Day Care Council	61,638
Displaced Homemakers	3,300
Family & Children's Service	146,766
FISH	700
Gadabout Transportation Service	4,350
Girl Scouts	28,319
Greater Ithaca Activities Center	49,207
Hospicare	3,500
Human Services Coalition	28,067
Learning Web	3,580
Legal Services	6,300
Mental Health Association	13,445
Offender Aid & Restoration	2,931
Red Cross	130,240
Salvation Army	32,666
Senior Citizens Council	13,834
Southside Community Center	35,690
Special Children's Center	46,975
Suicide Prevention & Crisis Service	22,706
Y.M.C.A.	43,672

Over 300 Cornell employees are part of a voluntary network which is providing leadership for the Cornell United Way goal of more than \$300,000.

You are encouraged to return your pledge card to the volunteer in your department.



## CRC Photos

Inside

# The United Way: A Guide to Fund Allocation Needs Assessment System Acclaimed on National Level



Most people wonder what really happens to their charitable gifts when an organization is appealing for help. In the case of the United Way, the answer is close to home.

The United Way is governed by local people who not only lead the fund raising, people like David Drinkwater and Lee Snyder, but the United Way is also governed by local people who decide how to spend the funds.

Cornell Dean of Students David Drinkwater has the top campaign position this year and is chairing the countywide campaign with a goal of \$1,140,000. Here on campus, Director of University Personnel Services Lee Snyder is leading campus volunteers in seeking more than \$300,000 from our Cornell community.

Many other Cornellians have been and

**But along with such recognition, the introduction of needs assessment plans sparked some controversy.**

continue to be volunteers on the Board of the Tompkins County United Way. Folks like Larry Palmer, Mary Jo Maydew, Ann McCann, Barlow Ware, Harriet Ink, Mary Ward to name just a few. More than 40 local citizens serve on the Board each year.

One of the most demanding responsibilities of a United Way Board

member is helping to decide how to allocate the annual campaign funds to so many human service and local agencies that help more than 25,000 of us every year.

The allocation process is a facet of United Way volunteerism that few people see or participate in, let alone understand.

It is just this difficult decision-making facet of the United Way that has led volunteers/local citizens to seek a better way of distributing funds among so many agencies.

The way? The answer? Needs assessment.

The Community Needs Assessment Plan, the result of several years of special committee study, was introduced in 1980 by the Tompkins County United Way. The needs assessment plan was almost immediately acclaimed as one of the first priority funding models to effectively link traditional budgeting committees with human service needs assessment plans. The plan was acclaimed not just locally, but on a national scale.

But along with such recognition, the introduction of the needs assessment plans sparked some controversy. Why should such a rational approach to allocating funds cause discontentment? The answer becomes clear when it is realized that some agencies received less funding than the year before. Certain agencies received less than before because their programs received lower ranking of need than other programs that

were new and responded to emerging community needs.

For example, in 1980 the United Way assisted in opening the first safe shelter, an apartment for battered women and their children. The funds that achieved this first for our community had to be taken from other programs of less critical nature.

Over the years, this pattern has continued as the United Way has used the needs assessment plan to guide new funding to programs dedicated to emergency shelter, adolescent suicide prevention, hospicare, and other programs responsive to changing human needs of local citizens.

Since 1980 the pattern of responsiveness has continued, made possible not only by periodic updating of the needs assessment guide but by the generosity of the community.

Earlier this year the United Way Board approved an allocations plan for distribution of campaign funds in 1987, funds that are now being raised on campus and throughout Tompkins County. (See Just For Your Information on page one for a list of agencies and allocations that will be made as the result of a successful 1986 campaign).

The announced goal is to raise more than one million dollars. The real goal is to fund as many local needs as possible. The good news is that both goals can be achieved with one initiative by each of us... by signing the United Way pledge card and "Giving it all we've got."

## Blue Light Escort Service Seeks Employee Volunteers

The Blue Light Escort Service, a volunteer organization, operates under the auspices of the Department of Public Safety. This service functions on a semester basis between the hours of 10pm and 12:30am nightly, providing escorts to anyone on the Cornell campus. Everyone in the University community is encouraged to

utilize this service and may do so by calling 5-7373 during the hours listed above.

Student, staff and faculty volunteers to serve as escorts are constantly in demand. To volunteer please call 5-8948 between the hours of 8am and 4pm, Monday through Friday, for details.

## Here's My Opinion

### Reader Upset with Loss of WHCU Programming

Without any warning WHCU-FM was transformed overnight on September 16 from a high quality station of distinction to one of "light rock." All the cultural programming was completely eliminated. No longer will we hear the famous Saturday afternoon broadcast of the Metropolitan Opera on any local station, AM or FM. There is a weak "translator" of WSKG from Binghamton.

However, the area of coverage is very limited.

This loss of WHCU was even more of a surprise because last summer Cornell University held a press conference where the new owner gave assurances that the nature of the station would not be changed. Unfortunately Cornell did not write any restrictions or buy-back provisions into its agreement with the new owner.

I strongly feel that Cornell University has an obligation not to decrease the amount of cultural services provided to the community. The amount of cultural contact hours provided by WHCU is an order of magnitude greater than what the new Performing Arts Center could provide. A possible solution to this enormous setback would be to use one or two rooms of the Performing Arts Center as a broadcast studio. Operating cost could be kept low by using Music and Art Department workstudy students. I don't understand recent assertions that a cultural station is uneconomical. I have the impression that WVBR did not lose money when it provided cultural programming. It seems to me that the 1.5 million dollars obtained from the sale of WHCU along with free studio space which has been so abruptly taken away.

Jay Orear  
Physics Department

## Your Chance to Speak Out

by George Peter

Here is your chance to contribute to the Leadership Leads column.

Here is your chance to define the attributes you would like to see in the ideal supervisor.

Here is your chance to list the characteristics you least appreciate in a supervisor.

Note: None of this need be related to your present supervisor.

In separate columns, list as many good characteristics and as many bad characteristics of a supervisor as you like and mail to George Peter, NAIC, 61 Brown Rd., Research Park. Use campus mail. You may or may not identify yourself, as you choose.

## A Reminder from the Smoking Commission



Note: Provost Barker sent the following message to all deans, directors, and department heads and has given the Smoking Commission permission to publish the following statement in Networking.

I want to draw your attention to the statement on the smoking policy in the Personnel Manual as revised in January 1986. When strictly applied, it may make it difficult for some employees to smoke in the work place. It takes only one individual objecting for a smoker to be required to desist. This requirement is independent of territory and excludes only those areas that are specifically designated as being for smoking.

**It takes only one individual objecting for a smoker to be required to desist.**

Apparently, enforcement of the smoking policy is becoming more and more effective.

I am writing to suggest that you should make sure that the policy is known to your colleagues. It is set forth also in the Faculty Handbook (pages 95 and 96) and the Personnel Manual (number 710).



### CRC Photos

CRC park work party pictures by Marie Vallety.

Employee Day photos by Fleet Morse

## Your Employee Benefits

# Benefair Offers Opportunity to Review Benefits Coverages and Make Changes



- Can I increase my life insurance?
- What expenses are covered under my health insurance plan?
- At what age am I eligible to retire, and how can I obtain an estimate of my retirement?

-When is the enrollment for Select Benefits for the calendar year 1987?  
 -What are the advantages of participating in a tax deferred plan?  
 University faculty and staff with questions like these, or simply an interest in their benefits, are invited to attend the Benefair sponsored by University Personnel Services in cooperation with the Statutory Finance and Business Office.

Benefair will be held November 4, 5 and 6, 1986 in the ILR Conference Center from 10am to 3:30pm each day. At that time, you will have the opportunity to review your coverages as well as make

**All employees are encouraged to come to Benefair and share questions, concerns, and ideas about the University's benefits.**

changes in your benefits and enroll in benefit plans.  
 During the Benefair this year, a series of mini-seminars will be presented on many of the benefits. Representatives from the companies will make presentations on retirement, tax deferred plans, health plans (both Aetna and Metropolitan), Internal Revenue Services, Public Safety, educational opportunities

at the University, Select Benefits, the Employee Assistance Program (EAP), Bankers Life (VADD), Marsh & McLennon, the auto insurance representatives, and Social Security.  
 Equitable representatives will be available to assist with the open enrollment of group life insurance. During the month of November, you will be able to increase your supplemental life insurance with no health statement. The date of your increased life insurance will become effective January 1, 1987, provided that you are actively at work on that day. (Legal holiday)  
 Tompkins County Health Department will be at Benefair to check your blood pressure. Gannett Health Services will also be attending. Listed below are the dates, times, and places of the mini-seminars.

Release time is available, subject to supervisory approval. Please arrange

with your supervisor to attend at a time that does not interfere with departmental operations.

All employees are encouraged to come to the Benefair and meet benefits staff personnel and share questions, concerns and ideas regarding the University's benefits.

Within the next week each employee will receive a mailing (campus address) with more details.

Seminar schedule:

### Tuesday, November 4

Cornell University Retirement Plan  
 TIAA/CREF  
 9:00am - 11:00am  
 110 Ives Hall  
 Empire Plan/Metropolitan  
 11:30am - 12:20pm  
 300 ILR Conference Center  
 Tax Deferred Plan/Unionmutual  
 12:30pm - 1:20pm  
 300 ILR Conference Center  
 Tax Deferred Plan/Fidelity  
 1:30pm - 2:20pm  
 300 ILR Conference Center  
 Planning for Retirement/Internal Revenue Service  
 2:30pm - 3:20pm  
 110 Ives Hall

### Wednesday, November 5

Public Safety and Emergency Procedures/Public Safety  
 9:30am - 10:20am  
 300 ILR Conference Center  
 Tax Deferred Plan/Dreyfus  
 10:30am - 11:20am  
 300 ILR Conference Center  
 Employee Assistance Program  
 EAP Counselors  
 11:30am - 12:20pm  
 300 ILR Conference Center  
 Endowed Health Insurance  
 Aetna  
 12:30pm - 1:20pm  
 300 ILR Conference Center  
 Tax Deferred Plan/Fidelity  
 1:30pm - 2:20pm  
 300 ILR Conference Center  
 Tax Deferred Plan/Unionmutual  
 2:30pm - 3:20pm  
 300 ILR Conference Center

### Thursday, November 6

Cornell University Retirement Plan  
 TIAA/CREF  
 9:00am - 11:00am  
 110 Ives Hall  
 Tax Deferred Plan/Dreyfus  
 11:30am - 12:20pm  
 300 ILR Conference Center  
 Educational Opportunities  
 Training & Development  
 12:30pm - 1:20pm  
 300 ILR Conference Center  
 Planning for Retirement  
 Internal Revenue Service  
 1:30pm - 2:20pm  
 300 ILR Conference Center  
 Select Benefits  
 Employee Benefits  
 2:30pm - 3:20pm  
 300 ILR Conference Center

## Getting the Most Out of the Empire Plan

### Second Surgical Consultation Program Described

Extensive studies indicate that some surgical procedures are performed more often than medically necessary.

Therefore, there are certain elective nonemergency surgical procedures for which a second opinion is mandatory if the covered employee or dependent receives primary, or first, benefits from the Empire Plan. They are:

- Buionectomy (with or without implant) - Operation to remove an overgrowth of bone which occurs at the junction of the instep and first bone of the big toe. An implant is the addition of an artificial joint.

- Cataract Removal (with or without implant of lens) - Removal of a cataract from the eye.

- Deviated Septum Repair (excluding cosmetic surgery which is not covered) - Includes submucous resection, septoplasty, anthrotomy and any surgery of the nasal septum.

- Hysterectomy - Removal of uterus (with or without removal of tubes or ovaries).

- Knee Surgery - Any procedure which results in an opening into the knee area with or without removal or repair of tissues, including arthroscopies and arthrotomies.

- Prostatectomy - Transurethral resection of the prostate (TURP).  
 Note: If your primary coverage is through the Empire Plan, failure to call the New York State Second Surgical Consultation Program to arrange for a second opinion prior to having one of the above procedures may result in a loss of benefits.

A second surgical opinion is not mandatory if Medicare or another health insurance carrier is your primary coverage and the Empire Plan is secondary.

The reason for requiring a second opinion by an independent consultant is to help the patient better understand the surgery, make a more informed decision about nonemergency, elective surgery and to be informed of nonsurgical courses of treatment that may be available.

Once a consultation is completed through the New York State Second Surgical Consultation Program, benefits for the surgery are paid at normal rates regardless of the consultant's recommendation. Again, the patient always makes the final decision.

Since the program's inception over ten years ago, approximately 3,000 surgical consultations did not agree with the original physician's recommendation for surgery. In other words, many people were made aware of possible alternatives to surgery. On the other hand, 14,000 recommendations for surgery were confirmed. In all cases, the enrollee made the final decision about having surgery.

To arrange for a free second surgical consultation for all elective, nonemergency surgery, call the New York State Second Surgical Consultation Program at least two weeks prior to scheduled surgery:

New York City-Long Island Area  
 1-800-832-4650  
 Other Areas of New York State  
 1-800-342-3726

## Focus on the Employee Assembly

# Employee Education Committee Charge is Defined

by George Peter

The Education Committee has been approved as a standing committee of the Employee Assembly and it meets on the first Friday of each month in room B-8 Roberts Hall, 12 noon to 1pm. The committee is cochaired by Eva Desmond-Lugo and Esther Roe and the secretary is Madeline Langan.

Other committee members are: Ann Argetsinger, Theresa Burke, Vander Horn, Stacey Coll, Patricia Long, Michael Moynihan, George Peter, Dorothy Reddington and Jan Haldeman.

The committee charge is defined:

- Strengthen and upgrade the employee education system.
- Monitor, catalog and publicize existing educational opportunities for employees at Cornell University.
- Study and report ways to further utilize existing facilities and opportunities.
- Survey the education programs of comparable institutions and recommend how we may incorporate and benefit from

their experience.

- Determine employee education needs through in-depth analysis.
- Recommend improvement based on collaborative work with University Personnel Services and the Office of Extramural Education.

- Bring attention to the areas of employee education which require strengthening.

- Identify areas of weakness and solicit the assistance of appropriate administration in strengthening those areas.

- Identify areas of weakness in the program and administration of employee education.

- Increase the visibility of employee educational programs, the problems associated with those programs, as well as avenues of improvement.

- Seek to clarify the University's responsibility to the community as a land grant institution.

- Seek a clear statement from the administration regarding employee education policy.

- Promote stability in the execution of policy regarding the engagement of employee educational opportunities.

- Identify obstacles which prevent accomplishment of goals.

"I WOULD FOUND AN INSTITUTION WHERE ANY PERSON CAN FIND INSTRUCTION IN ANY STUDY" Ezra Cornell

"The founders of this nation and the founders of Cornell shared a common commitment, indeed a common passion: a belief in the power of ideas to transform individual lives and to improve society."

Walter LaFeber, Marie Underhill Noll  
 Professor of American History

### Breakfast With Senior Vice President Bill Herbster Sponsored by the Employee Assembly

The Employee Assembly is sponsoring a breakfast with Sr. Vice President Bill Herbster on Wednesday, October 29, 1986. Breakfasts are scheduled monthly with Senior Administrators. If you are interested in attending a future breakfast, please send the following coupon to the Office of the Assemblies, 165 Day Hall. Let me thank you in advance for your response. We will be in contact with you. Participation is by invitation and attendance is limited to allow for personal contact and discussion.

#### Employee Assembly Breakfast with Administrators

Name \_\_\_\_\_

Campus Address \_\_\_\_\_ Phone \_\_\_\_\_

I would be interested in having breakfast with:

Please let us know if you have a friend who would like to attend a breakfast:

Name \_\_\_\_\_ Phone \_\_\_\_\_

Return coupon to Office of the Assemblies, 165 Day Hall.

A Cornell Newsletter Published by Employees for Employees

# Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 130 Day Hall - no phone calls please.
2. For our information your name and campus phone number MUST be submitted with ads. Otherwise your ad will be omitted.
3. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
4. Please limit your ad to 30 words or less. If an ad is longer than 30 words it may be shortened by the Networking staff.
5. Unclassified ads are for nonbusiness purposes only.
6. The deadline for the October 30th issue is October 20th.
7. If an error appears in your ad, please resubmit the ad to be published in next available Networking.

## For Sale

- 1973 Toyota Corolla, 88k miles, rusty but reliable, new battery, tires, \$400 OBO. Margo 273-7410.
- 1974 Datsun B10, needs a head gasket, \$250, 257-4489.
- 1976 Cadillac Sedan de Ville, very clean, no rust, \$3000. Donald 273-5163.
- 1976 Volvo 244DL, runs great, clean, lots of new parts, needs body work, best reasonable offer. Jack 539-7451 eves.
- 1978 Ford Pinto, one owner, great 2nd car or winter rat, 2 DR HB, lt. blue with white stripe, 2 spd, new muffler, radial snow tires included, 65k miles, some rust, \$1000 OBO. Cheryl 5-5784 or 315-497-1850 eves.
- 1978 VW Rabbit, only 47k miles, brand new paint job, save with regular gas, a real gem in very good cond. 273-4504 eves.
- 1982 Mercy Lynx, 2 door, 4 spd, AM-FM stereo exc. gas mileage, exc. cond, asking \$3200. Also a size 14 wedding dress, victorian neck, long sleeves, cathedral train not even a year old, asking \$100. 5-9055 or 533-7784.
- 1984 Chrysler Laser Turbo, automatic, air, digital dash, voice module, 25k miles, exc. cond, must see to appreciate, asking \$7,000. 315-497-0548 after 6pm (Genoa, NY).
- 1986 Pontiac sedan, like new, low miles, \$10,000 OBO. Harriet Ink 5-6151.
- All season tires, 185R13, fits most Japanese and European cars, ready for Ithaca winter, \$30 pair OBO. Pedro 5-1706 or 5-1719, afternoons.

Two Goodyear snow tires, 700-15, 8 ply on Dodge wheels, \$25 each; gas fired trailer furnace, \$40; Myers snow plow, 7 1/2 ft. exc cond, \$500. 5-4251.

Good, reasonably priced, used car-top ski rack for Japanese subcompact car (Honda). Patrick 5-6706 days or 257-7079 eves.

Car stereo, Sanyo cassette tap deck with auto-reverse and pioneer speakers, \$125 OBO. Roger 253-3879 days or 387-9666 eves.

Exercise bike, Tunturi, "Americ" new, \$150. Sarah 5-4219 days or 257-7590 eves.

Zebra 10 spd, 1 year old and hardly ever used; 61" Blizzard no-wax X-country skis and size 10 boots, 5-4880 days or 273-0768 eves.

15' sail boat-trailer, no room to winter store, sacrifice. 315-364-8455.

Farmell 450 tractor, rebuilt T.A., P.S., heavy-duty W.F.E., new rear tires, loaded, live P.T.O. Pete Mosher 5-5274 or 594-3697.

High performance computer terminal, \$299 (price includes modem and telephone); top quality electronic typewriter-printer, \$540; two end tables, \$15; toy tricycle, \$8. Ming 272-0243.

TRS80 color computer, printer and software, best offer. Carol 5-5250 or 273-8966 after 4pm.

Comuter equip, radio transceivers, antenna towers, WWII projection equip, misc. electronic equip, something for everyone and priced to sell. Friday, Oct. 24, noon-6pm, 61 Brown Rd, Ind. Res. Pk., near airport. 5-5274 for more info.

Manual typewriter antique and stand, LC Smith & Corona, exc. cond, everything works, \$20. 272-0947.

Olympia Report de Luxe electric typewriter, lightly used, exc. cond, carrying case, best offer. 5-4845.

50 foot Red Snow fence, almost new, \$10. 257-3414 between 6 and 10pm and weekends.

Complete queen size bed, almost new, \$75; living room chair, green, \$10; two Elgin twin springs, \$10 pair. Call Pedro or Nanci 257-0614, all day.

Dishwasher, Whirlpool, under counter, good cond, runs ok, starter switch needs adjustment, \$50 OBO. Mary 5-6094 or 257-6150.

Washing machine, old and in the way, but runs. Jack 539-7451 eves.

Westinghouse toploader portable dishwasher, \$50; brown overstuffed rocker, \$20; gray metal office desk-typing extension, great for small business, \$40, all in good cond. Pat 5-2150 days or 533-7753 eves.

15 cu. ft. chest freezer, Nelco sewing machine, B&W TV, mahogany drop leaf table. 272-6086 after 5.

Red, early American couch and chair, good

cond. except for some cat scratchings on front, \$200 OBO; white, 40" gas stove, Robert Shaw-Grand thermostat needs adjustment, \$75 OBO. Kris 5-0892 (w), or 272-2308 (h).

Upholster chair, \$25; Mediteranean record cabinet, \$20; two small tables, \$5 each; small clothes dryer, \$100; Zenith 19" color TV, \$75. 257-5156.

Rosewood 4-drawer chest with legs, 41.5" x 20" x 31.5" (high), exc. cond, \$180. 272-0568 or 5-5265.

Moving sale, matching couch and easy chair, olive green fabric, exc. cond, \$150 OBO. 272-0136 weekends best - keep trying.

Color TV's 10" and 25", good cond, best offer. Beth 253-3940 days or 844-4762 eves.

Sure-Tier III woodstove with all accessories for setting up your own heating unit, including piping, pass-thru and log holder, \$700 new yours for \$495, exc. for mobile home use. 272-1954.

Electric baseboard heaters and thermostats, top quality, 5 units, each 40" long, \$50 each, 7 units, each 56" long, \$65 each, neg; Lange airtight woodstove with arch, exc. cond. 273-3825 eves.

Woodstove, Vesmont castings, defiant, used only one season, \$475 OBO. 387-6096.

Remington 870 12 ga shotgun, 2 barrels, sling, case, cleaning kit, \$250; Halibuton aluminum camera case, \$85; Nikkon 35mm 2.8 lens with filter, \$85. Donald 273-5163.

Large quantity of Uni-struc with fasteners and of steel pipe 2" - 4". Pete Mosher 5-5274 or 594-3697.

12 storm windows with screens, all 6' high, 8 are 36" wide, \$10 each or \$75 for all including 3'6" x 3' alum. storm door, good for porch or camp. Bill 253-3230 or 844-9201 nights.

Barn boards and beams, \$.25 board foot you clean, \$.40 board foot if I clean. 659-5389 eves.

Hockey skates, Bauer size 11, never worn, new, \$55 asking \$35. David 253-0580, keep trying.

Ski package: 6' wooden downhill skis with screw bindings, 4' aluminum poles, size 6 1/2 leather double-lace boots, all good shape. 272-8719.

Two evening gowns, worn once, size 10, one lavender, one pink, \$20 each. 272-0947.

Skyline mobile home, 1 mi from Vet school, front porch, back deck overlooking Fall Creek, small garden, fully carpeted, new heater, pets welcome, \$8,000. Jim 5-7895 or 272-5882 eves (leave message).

12x65 New Yorker mobile home, porch garden, deck on river, quiet, next to Plantations, low lot rent, Forest Home, \$9000. 272-0547.

1980 14x40 mobile home, extra large private

lot in Dryden park, well insulated. 5-5354 or 844-8919 eves.

Ideal income property for sale, 10% renovated downtown duplex, quiet neighborhood, yard space, 2 spacious 3 bdrm living units, for sale by owner. 273-2297 (leave message during the day).

Handmade dog house, 2x4 frame, styrofoam insulation, split tilt roof with center rain edge, shingled, collapsible, heavy construction, large enough for 2 dogs, \$150. Must sell, moving, Kathy 5-5439.

One pair peach faced lovebirds plus large flight cage, \$50 OBO. 273-3376 eves and weekends.

Mini-lop rabbits for sale, 4-H project all winning blue ribbons, would like room to raise more, great pets (long ears). 3-3302 or 273-6619.

## Free

To good homes, eight four month old lab mix pups, very well behaved. 564-5565.

Pups, 4 months old, exc. lap dogs, Dashound and Terrier mix, also kittens. 257-1329.

## Wanted

Baby swing, childrens toys, tricycle, outdoor play equipment, etc. 533-7175.

## For Rent

Cabin, pond and creek, 15 miles SW of Ithaca, \$100, avail. early Nov. 589-6174.

Roommate wanted to share beautiful quiet spacious apt, close to P&C and laundry, 443 N. Aurora St, length of lease neg, prefer a female grad student, \$240 a month. Ria 5-1696 or 257-7773.

Space available in Sage Hall, wanted female grad student, first-come, first-served. Ria 5-1696 or 257-7773.

## Carpool

Elmira to Cornell every day. Looking for others living in Elmira or Horseheads to share driving with. Ted 734-8365 nights and weekends.

Opening for new member in a carpool arrangement, Cayuga County via Route 34B to Cornell daily. Darwin 5-4592.

# Employee Calendar

## Events of Particular Interest to Cornell Employees

Tuesday, October 21 was George Peter's 65th Birthday. Happy Birthday, George!

Thursday, October 23, Johnson Museum of Art lunchbox tour. "Arts From Asia: Materials and Techniques," 6th floor conference room.

Thursday, October 30, Johnson Museum of Art lunchbox tour. "Face to Face: The Art of Portraiture," 6th floor conference room.

Wednesday, November 5, Employee Assembly meeting. All employees welcome, 12:15 in B-8 Roberts Hall.

Saturday, November 8, CRC shopping trip to Reading, PA. Call the CRC Office at 5-7565 for more information.

Wednesday, November 19, Employee Assembly meeting. All employees welcome, 12:15 in B-8 Roberts Hall.

Wednesday, December 3, Employee Assembly meeting. All employees welcome, 12:15 in B-8 Roberts Hall.

Saturday, December 6, CRC annual holiday dinner dance. Call the CRC Office at 5-7565 for more information.

Saturday, December 13, CRC New York City-Radio City holiday show. Call the CRC Office at 5-7565 for more information.

Wednesday, December 17, Employee Assembly meeting. All employees welcome, 12:15 in B-8 Roberts Hall.

December 29 - January 4, CRC Walt Disney World trip. Call the CRC Office at 5-7565 for more information.

## Networking

### Deadlines

1986 Deadlines

- October 20 for October 30
- November 3 for November 13
- November 17 for December 4
- December 8 for December 18 (holiday issue)

## Staff Attitude Survey

# Over 2000 Will Receive Questionnaire

This November over two thousand employees will have the opportunity to participate in the University's second staff attitude survey. If you receive a questionnaire at your home address during the second week of November, it means that you have been randomly selected to contribute to Cornell's effort to stay in touch with employee attitudes.

The survey is the product of several months of planning, consideration, writing, and rewriting the kinds of questions most appropriate for Cornell employees.

Last August, Susan Russell of SRI International, the research corporation which is conducting the survey, spent

two days on campus meeting with participants of focus groups listening to their concerns and attitudes regarding employment-related issues.

Approximately twelve to fifteen employees who perform similar work were recruited for each of the focus groups. Within each group were employees representing as wide a variety as possible in terms of jobs held and attitudes held about the University. Members of various interest groups on campus were also included.

Participants met for approximately two hours with Susan and were asked about their personal sources of satisfaction and dissatisfaction with working here. The discussions helped SRI learn what issues were important to

the staff and with the information gathered from the focus groups, SRI designed a questionnaire that is especially well-suited and pertinent to Cornell employees.

The questionnaire has also been through a test run involving Cornell staff in another face-to-face meeting with Susan to make sure the questions were as clear and precise as possible.

The major topics to be covered on the survey include: Working at Cornell; Your Job; Supervision; Salaries and Salary Administration; Cornell as an Employer; Benefits; Training, Career Development, and Promotion; University Personnel Services; Problem-Solving and Grievance Mechanisms.

## CRC News

### Trip to Acapulco in Planning Stage

# Ice Capades, Radio City Music Hall, and Bills Football Upcoming

Walt Disney World: December 29 - January 4. This trip includes roundtrip airfare from Ithaca to Orlando, seven days and six nights at the Las Palmas Inn (close to restaurants and shopping), predeparture party to brief you on the trip. The cost is \$575-adults, \$433 children 12-17, \$316 children 3-11. A deposit of \$100 is required when signing up. Final payments-deadline for sign up is October 31st.

Acapulco, Mexico: March 23-30, 1987. Tentative plans have been made for this trip. More information to follow. CRC Park Fund

Space limitations in the September newsletter prevented us from listing the names of those who have recently donated to the park fund. They are: Cornell Federal Credit Union, William F. Mai, Verma McClary, Administrative Programming Services of Cornell Computer Services, June & Jack Maloney, Mertie & Clarence Decker, Janice & David Brown, James E. Welsh, Judith Loan, Carol Straight.

We now have CRC tee shirts and baseball caps available in the CRC Office, 165 Day Hall. The prices are: caps: \$4, short sleeve tees: \$5-adult, \$4.50-youth, long sleeve tees: \$6.

Ice Capades

For the first time in two years, the Onondaga War Memorial in Syracuse is presenting ICE CAPADES! CRC will be running a bus to this event on Saturday, December 13. The price is \$15.00 per person (nonmembers add \$5) and includes transportation and the show. The bus will leave B Lot at 10:30am and the show begins at 12 noon. Return to Ithaca will be by 4pm. Sign up today.

Upcoming Events  
October 18: CRC Park Work Party  
November 8: Shopping spree, Reading, PA, \$20 members, \$25 nonmembers  
November 16: Bills football game (sorry, full)

December 6: Annual holiday dinner dance (tickets will be available in November).

December 13: NYS-Radio City Music Hall trip, \$40 members, \$45 nonmembers.

## Do We Have Your Correct Campus Address?

### University Personnel Services would like to know...

University Personnel Services would like to know if we have your campus address correct. You can recognize a personnel label by the RPT number on the bottom line of the address. UPS labels always have RPT and a four digit number following it. We point this out because there are other sources of labels on campus which might have your address incorrect also. (For labels other than UPS, you must identify the

department or source of the mailing and request an address change from them.)

If your campus address is incorrect on an RPT label please send your name, social security number, and correct campus address to Operations & Records, University Personnel Services, 147 Day Hall. Please allow four weeks for change to become effective. Thank you.

HENRY WELLS  
UNIVERSITY PERSONNEL SERVICES  
130 DAY HALL  
RPT1628 RTE3 G2000

## Editorial

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Laurie Roberts

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