

# Cornell CHRONICLE

Volume 19 Number 12 November 12, 1987



## Cornell gives support for new Ithaca Childcare Center

Cornell will assist the Ithaca Childcare Center in construction of a new, larger day-care facility by providing a 3.1-acre site along Warren Road south of Route 13 and other financial support, university officials announced today.

The university-owned land in the Town of Ithaca will be made available on a low-cost, 40-year lease to the child-care center, which now operates as a tenant in the former Cayuga Heights Elementary School.

The modern facility will house the merged programs of the Ithaca Childcare Center and the Cornell Community Infant Care Center, and will accommodate at least 120 children of Cornell faculty, staff and

students, according to Joycelyn R. Hart, associate vice president for human relations.

Hart said the \$1.2 million center will provide care for a total of 164 children in day-care programs, beginning at eight weeks of age, and in after-school programs for pupils in kindergarten through grade 5.

In addition to the land, which will be provided at nominal rent, the university will subsidize operation of the new center at a total of \$595,000 for the first five years, according to James E. Morley Jr., senior vice president of the university.

Also, the Ithaca Childcare Center will receive the proceeds from the sale of the Cornell-owned Infant Care Center building

at 406 Triphammer Rd., and the university will hold the mortgage for construction of the Lansing facility. Students and faculty in Cornell's Landscape Architecture Program will design the grounds around the center.

Construction of the new center is expected to start early next year, and the opening is planned for September 1988, according to Kathy Loehr-Balada, director of the non-profit Ithaca Childcare Center. That center now provides day-care and after-school services for about 100 children. She said that about 70 percent of the parents sending children to the center work at Cornell, and the center has a waiting list of 150 families.

"This project demonstrates marvelous coordination in addressing the child-care needs of the university and the surrounding community," Loehr-Balada said. "We expect that the new center will produce a major ripple effect, encouraging other large employers and small businesses in this area to cooperate in offering better child care for their workers."

Because the Ithaca City School District will reoccupy the former Cayuga Heights Elementary School next fall, Ithaca Childcare Center must seek a new location, Loehr-Balada said. Until the new center is constructed, the child-care program will

*Continued on page 12*

## Bones tell tales of former jobs

If the Case of the Clarinet-playing, Pipe-smoking, Kayak-paddling Baseball Pitcher leads to Kenneth A.R. Kennedy's laboratory, the Cornell forensic anthropologist will recognize the victim. All those jobs and hobbies leave distinctive marks on the skeleton, a virtual biography in bone for scientists who know what to look for.

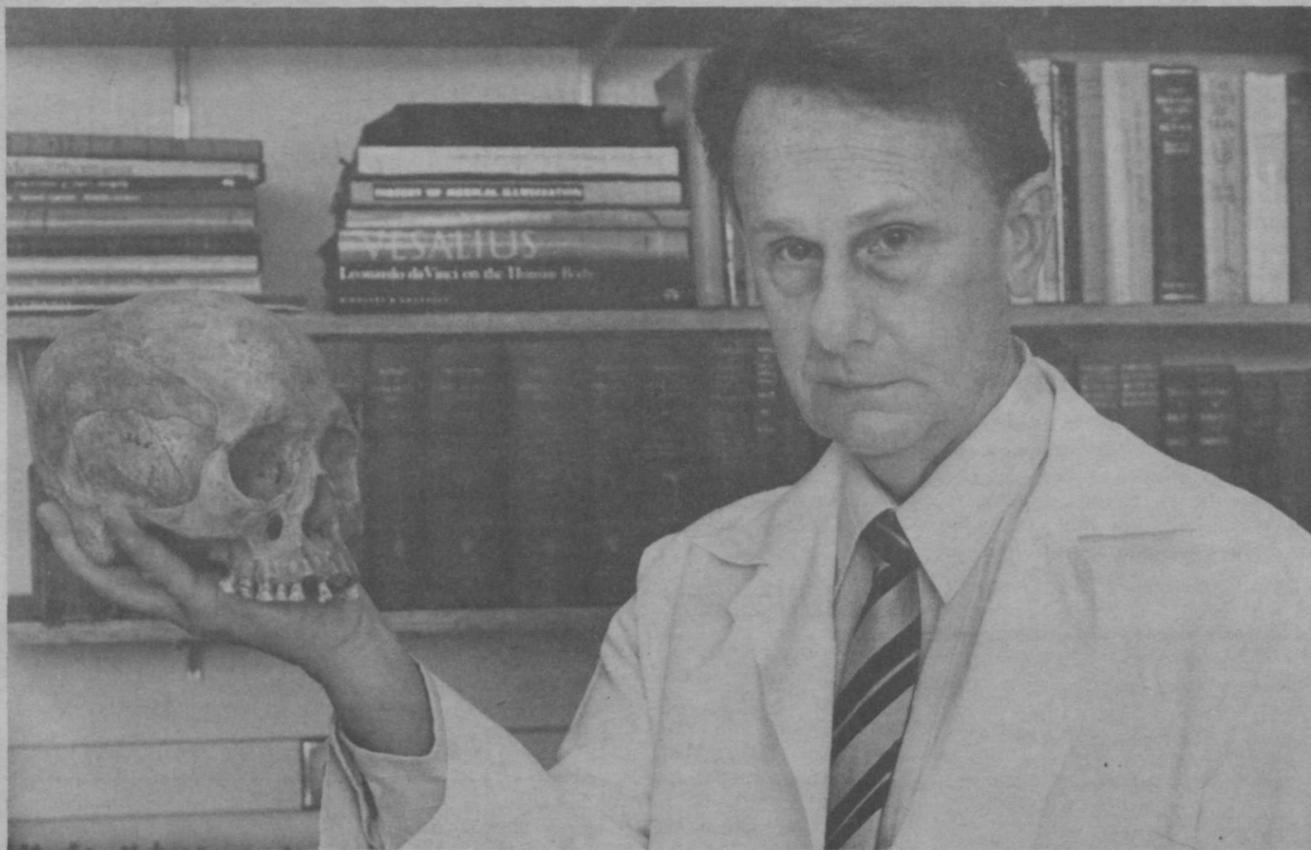
Policeman's heel, dog-walker's elbow, musher's knee and golfer's big toe are some of the more than 140 skeletal markers of occupational stress compiled by Kennedy for a chapter in an upcoming book, "Reconstruction of Life from the Skeleton."

### Bone-stressing tasks

The professor of ecology, anthropology and Asian studies has examined thousands of ancient and modern skeletons. His work extends from archaeological excavations at 30,000-year-old Paleolithic sites in India to skeletal remains brought to the Cornell Human Biology Laboratory by police agencies.

The book, which will be published next year by Alan R. Liss of New York, is edited by M. Yasar Iscan, who earned a Ph.D. in anthropology at Cornell in 1976 and is now on the faculty of Florida Atlantic University, and by Kennedy.

*Continued on page 11*



Claude Levett

Forensic anthropologist Kenneth A.R. Kennedy with the prehistoric cranium of a young man who wore down his teeth by using them to shape arrow shafts.

## Minimize Grumman disruptions, Theory Center architects told

The architects for the \$30 million Engineering/Theory Center Building have been asked to explore ways to construct the building that will minimize disruption of research facilities in the bottom two floors of Grumman Hall, according to Vice President for University Relations John F. Burness.

"We've found that almost any alternative we can identify to accommodate elsewhere the ongoing research in the laboratories on the first two floors of Grumman won't work," Burness said in a letter to City of Ithaca Mayor John Gutenberger.

He added that at least one federal agency has advised the university "that it will not look kindly on any move by the university that will disrupt the research it is supporting" at Grumman, "nor will it pay for the cost of moving the research equipment."

Among the alternatives now being explored by the architects, Gwathmey Siegel and Associates of New York City, is the possibility of erecting the building over the first two floors of Grumman Hall and leaving in place in Grumman the existing laboratories. However, Burness said that many changes may yet occur in the plans, which are scheduled to be presented to the university by the architects in December.

In his letter to the mayor, Burness said, "We have told the architects the building must be no closer than 20 feet at its closest point to the trees at the top of the gorge, it must be contiguous to Upson Hall and it must be designed in such a way as to improve the integration of the building and the gorge," as announced by the university at a press conference last month. He said he was mentioning this because of inaccurate

reports implying the contrary.

One such report, in the Cornell Daily Sun, prompted a letter to the editor from College of Engineering Dean William R. Streett in which he reiterated that any changes in plans for the new building under which part of Grumman Hall would be left standing "would have no impact on the height of the building or its distance from the gorge."

Burness told Gutenberger that university officials "are hopeful that once architects have reviewed the situation, they can come up with a design that will permit construction around the first two floors." Such a plan also eventually could provide for moving the Grumman laboratories into the new building, the letter indicated.

According to Streett, Grumman Hall will be integrated with the new building —

including air conditioning, ventilation and other necessary utilities. He said it is hoped that additional laboratory space will be provided in the lower levels of the new building to meet current and future needs for space for complex and heavy laboratory equipment.

Critics of the university's earlier plan to place the building inside the gorge tree line expressed concern that the structure might affect the ecology of Cascadilla Gorge and would represent an unacceptable visual intrusion in that undeveloped area.

In October, university officials announced a plan to erect the building on the current site of Grumman Hall, away from the gorge, and to connect it to the south end of Upson Hall.

— Dennis Meredith

## Chinese ambassador to speak

The Chinese ambassador to the United States will speak here next week, just a few days after his return to the United States from attending the 13th National Communist Party Congress in Beijing.

Ambassador Han Xu will discuss "Economic Development in China" in a lecture at 4:30 p.m. on Nov. 18 in Room 120 at Ives Hall.

Han, who is a member of the Central Committee of the Chinese Communist Party, was a delegate to the party congress that opened in Beijing Oct. 25 with leader Deng Xiaoping presiding.

It was the first meeting since 1982 of about 2,000 delegates who represent regional party organizations. The party congress first met in 1921 in Shanghai with the Russian Bolsheviks to map the spread of communism into Asia.

Han is one of the architects of China's post-revolution relations with the United States. In 1971, he met Henry Kissinger in Pakistan and escorted him to Beijing on a

secret mission to arrange President Nixon's visit to China the following year, the first high-level contact between the United States and China since the communist government was established in 1949.

From 1973 to 1979, Han served as deputy chief of the Liaison Office of the People's Republic of China, which was set up in Washington to maintain informal contacts between the two governments until formal diplomatic relations were opened on Jan. 1, 1979. The United States operated a counterpart liaison office in Beijing.

Han was director of the Department of American and Oceanian Affairs in China's Ministry of Foreign Affairs from 1979 to 1982 and vice minister of foreign affairs from 1982 to 1985. He was appointed ambassador to the United States in 1985.

He will be accompanied by Li Mingde, first secretary for science and technology in the Chinese Embassy in Washington, who did research work at Cornell in 1982, and their wives.

President Frank H.T. Rhodes, who has visited China, will give a dinner in honor of



Han Xu

the Chinese diplomats. Han and Li will meet with faculty in the China-Japan Program and tour the campus.

Han's visit was arranged by the Graduate School and the China-Japan Program.

— Albert E. Kaff

## Briefs

■ **Nov. 13 last day for extramural students to change grade options:** Extramural students, who number about 600 this term, have until 4:30 p.m. on Nov. 13 to make changes in the grade options and credit hours for the courses they are taking this fall. Changes are made at B12 Ives Hall, office of the Division of Summer Session, Extramural Study, and Related Programs.

■ **German film maker to show and discuss his work Nov. 19:** German new wave film maker Lienhard Wawrzyn will discuss his critically acclaimed film "German Dreams" following a free showing of the work in Uris L-04 at 4:30 p.m. on Nov. 19 sponsored by the Departments of Theatre Arts and German Literature.

■ **Students may sign up for breakfast with President Rhodes:** Students may sign up for breakfast with President Frank H.T. Rhodes by calling his office at 255-5201. The breakfasts are held from 7:30 to 8:30 a.m. in the Elmhurst Room of Willard Straight Hall. Reservations are made on a first-come first-served basis. Reservation reminders will be mailed a few days in advance of the scheduled breakfast.

## Thanksgiving Day . . .

The Cornell Chronicle will not publish on Thanksgiving Day, Nov. 26. Announcements of events scheduled for Nov. 30, Dec. 1 and 2 should be sent to the Chronicle office to be included in the issue of Nov. 19. The campus mail address is Cornell

## Pierre Salinger to lecture tonight; Bartels to be honored

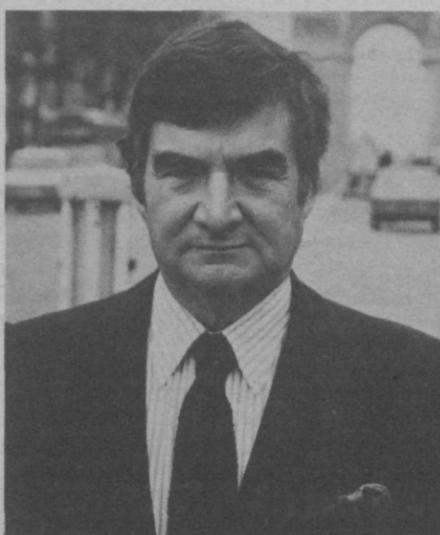
Pierre Salinger, the chief foreign correspondent for ABC News, will speak in Bailey Hall tonight at 7:30 p.m., part of a two-day visit to Cornell as the Henry E. and Nancy Horton Bartels World Affairs Fellow.

The talk, on "The Dangerous Realities of America's Misperceptions of the World," will draw upon Salinger's decade of covering European affairs from his base in Paris, and his background as former White House press secretary, business executive, and U.S. Senator.

Earlier in the day, the Bartels will be honored by President Rhodes. In appreciation for their continued involvement with Cornell since their graduation in 1948, and for contributions to the university of which the fellowship is only the most visible, they will first be invited to the president's office to receive a 13 1/2-inch bronze statue of Ezra Cornell.

Then the president will lead them to the wall outside Uris Library, where their names have been inscribed along with others who have done most to build and strengthen the university.

Henry E. Bartels returned to college from wartime Navy service to complete a degree in industrial engineering at Cornell. His subsequent career took him to the vice presidency of Insilco Corp. of Meriden, Conn., and the presidency of its subsidiary, MRM Industries, a leading manufacturer of brass



Pierre Salinger

products.

Nancy Horton Bartels, who with her husband was active in civic affairs, studied decorative arts at Yale after two sons, Philip, Cornell '71, and Kenneth were grown, and developed an interest in the stately homes and gardens of England. She founded the Chippendale Society Ltd., which conducts annual study tours in England.

In 1984, inspired by a talk in which President Rhodes called for greater knowledge of world affairs to be imparted to undergraduates, the Bartels endowed the fellowship which brings world-known figures to Cornell each year.

— Irv Chapman

## Evolutionary biologist to discuss finches

"How One Species of Darwin's Finch Became Fourteen" will be the topic for Princeton University evolutionary biologist Peter R. Grant in a lecture at 8 p.m. on Nov. 18 in 110 Ives Hall.

Grant is the first visiting lecturer in the 1987-88 Lecture Series in Evolutionary Biology, sponsored by the Division of Biological Sciences' Committee on Evolutionary Biology. He also will give a seminar for the Section of Ecology and Systematics at

4:30 p.m. on Nov. 17, in the Morison Room of Corson-Mudd Hall on the topic, "Exceptionally Variable Populations of Darwin's Finches."

Grant has spent the past 15 years studying the finches of the Galapagos Islands, where fauna serves as a model for understanding evolutionary change. His most recent book is "Ecology and Evolution of Darwin's Finches."

— Roger Segelken

## Obituaries

### Gerald W. Olson

A memorial service will be conducted at 3 p.m. on Nov. 24 in the Chapel of Anabel Taylor Hall for Gerald W. Olson, an associate professor of agronomy, who died of cancer on Oct. 31. He was 55.

Olson was an authority on soil surveys and interpretations. He had written two books, "Soil and the Environment: A Guide to Soil Surveys and Their Applications" (published in 1981) and "Field Guide to Soil and the Environment: Applications of Soil Surveys" (1984).

He also was the author of numerous articles in his field, and he served as a senior consultant with the Food and Agriculture Organization of the United Nations and United States Agency for International Development.

In August, he was named a fellow of the Soil Conservation Society of America in recognition of his contributions in soil science and international land-use planning. He was elected a fellow of the American Association for the Advancement of Science in 1982.

Olson, who joined the faculty of the New York State College of Agriculture and Life Sciences at Cornell in 1962, earned a bachelor's degree in 1954 and a master's degree in 1959 at the University of Nebraska and a Ph.D. from the University of Wisconsin in 1962. He was born in Gotenburg, Neb.

Survivors include his wife, Mary Olson, and three sons, Bradford, David and Eric. Donations may be made to the Gerald W. Olson Fund of the Cornell University Plantations.

## Weizsacker to give Messenger Lectures

German philosopher and physicist Carl Friedrich von Weizsacker will deliver the Fall 1987 Messenger Lectures Nov. 16, 17 and 20 on the philosophical and political consequences of modern science.

The Messenger Lectures are considered Cornell's most prestigious general series. They were established in 1924 and have led to the publication of numerous books.

Von Weizsacker, 75, is a professor emeritus at the Max-Planck-Gesellschaft in Munich and the author of 14 books. The topics and times for his lectures are:

- "Meaning of the Quantum Theory," 4:30 p.m., Nov. 16, Room 200 Baker Laboratory.

- "Ideas on the Philosophy of Science," 4:30 p.m., Nov. 17, Hollis E. Cornell Auditorium, Goldwin Smith Hall.

- "Political and Moral Consequences of Science," 4:30 p.m., Nov. 20, Hollis E. Cornell Auditorium.

Weizsacker earned his doctorate in 1933 at the University of Leipzig as a student of Werner Karl Heisenberg, who received the Nobel Prize for physics in 1932 for the creation of quantum mechanics.

In addition to his research writings in physics and astrophysics, Weizsacker has written extensively since the end of World War II on the political situation between the great powers, especially on the impact of nuclear weapons.

His books on world policy include "Conditions of Peace" (published in 1963), "The Politics of Peace" (1977) and "The Endangered Peace" (1981).

His most recent scientific book is "The Structure of Physics" (1985). Others include "The Unity of Nature" (1971), "The Importance of Science" (1964) and "The World View of Physics" (1943).

Before being elected a professor emeritus in 1980, Weizsacker served for 10 years as director of the Max Planck Institute on the Preconditions of Human Life in a Scientific Technical World.

Weizsacker taught at the Kaiser Wilhelm Institute in Berlin and at the University of Strasbourg during the 1930s and '40s. From 1946 to 1957, he was a department head at the Max Planck Institute for Physics in Gottingen and for the next 12 years was professor of philosophy at the University of Hamburg.

— Martin B. Stiles

## Nominations due for dean of faculty

Nov. 18 is the deadline for submitting the names of nominees to succeed Joseph B. Bugliari as dean of the faculty to Bernard F. Stanton, chairman of the Committee on Nominations and Elections.

As chief administrative officer of the faculty, the dean is liaison between Cornell's faculty and the central administration, including the board of trustees. He or she also serves as an unofficial ombudsman, arbitrating disputes among faculty colleagues and is an ex-officio member of all committees of the faculty and its Council of Representatives.

Because of the "special importance of the office," Stanton's committee has decided to fill the deanship through a separate election at the end of the semester, he said in a recent memo to the faculty.

Bugliari, 55, will complete five years as dean of the faculty on June 30. A Cornell Law School graduate, he also teaches business law in the College of Agriculture and Life Sciences and works with Cooperative Extension to teach pertinent aspects of the law to farmers in upstate counties.

Nov. 18 is also the deadline for submitting the names of nominees to succeed Francine A. Herman as secretary of the faculty. She, too, will complete five years of service in that post on June 30.

Nominations for both positions may be sent to Stanton c/o the Dean of the Faculty, 315 Day Hall.

## Gary Hart to speak

Former Democratic presidential hopeful Gary Hart will speak at Bailey Hall at 8 p.m. Nov. 16, on the subject, "America's Third Century: An Agenda For Reform." Tickets at \$4 for students and \$5 for others are available at the Willard Straight Hall ticket office and at the door. The talk is sponsored by the Cornell University Program Board.

## Cornell CHRONICLE

EDITOR: Carole Stone  
GRAPHICS: Cindy Thiel  
CIRCULATION MANAGER:  
Joanne Hanavan

Published 40 times a year, Cornell Chronicle is distributed free of charge to Cornell University faculty, students and staff by the University News Service. Mail subscriptions, \$25 per year; two-year subscriptions are \$45. Make checks payable to Cornell Chronicle and send to Cornell News Service, Village Green, 840 Hanshaw Road, Ithaca, N.Y., 14850. Telephone (607) 255-4206. Second-Class Postage Rates paid at Ithaca, N.Y.

POSTMASTER: Send address changes to the Cornell Chronicle (ISSN 0747-4628), Cornell News Service, 840 Hanshaw Road, Ithaca, N.Y., 14850.

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.

# Supercomputer model simulates spread of AIDS virus

Cornell mathematicians have developed a sophisticated computer model of the complicated spread of Acquired Immune Deficiency Syndrome (AIDS) to help government and public health officials plot strategies against the disease.

The scientists, Carlos Castillo-Chavez and Simon A. Levin, already have used an early version of the model to better understand the effects of education on the spread of AIDS.

They found that a vigorous public education program eventually could help to eradicate the disease, despite an increase in the number of infected people in the short run. Because of the complex course of the disease, individuals may remain infectious for many years without symptoms.

"According to our model, even if the disease is eventually eradicated, it may be decades before the number of infected individuals begins to decrease," said Castillo-Chavez.

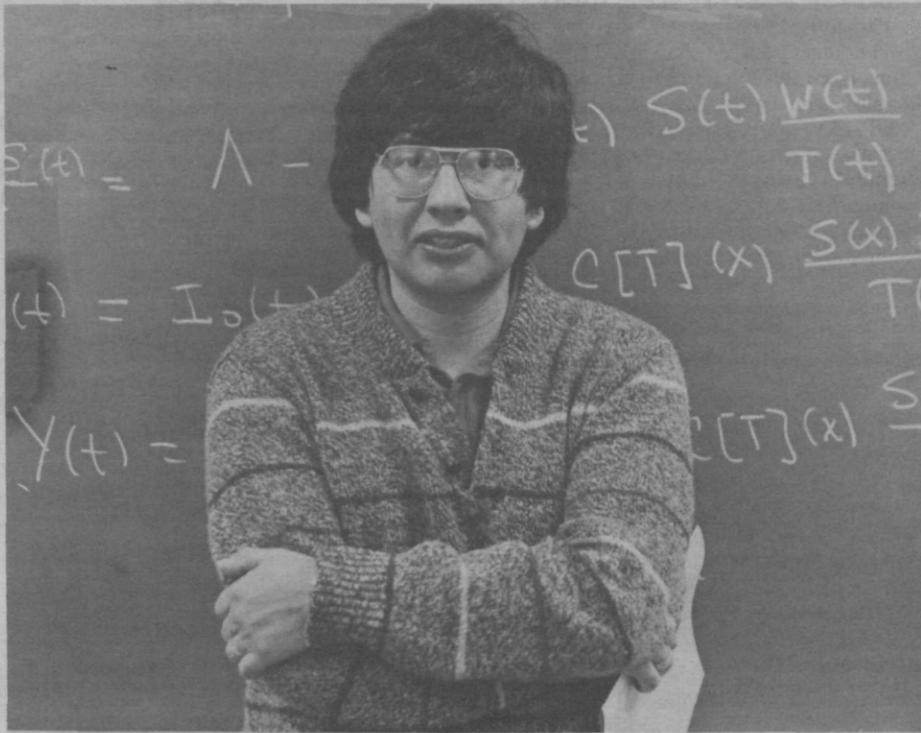
"This raises the possibility that people may misperceive education as a cause of increased promiscuity, rather than as controlling the disease. They may see only how slow the total number of infected individuals decreases."

## Modeling major cities

The researchers now plan to use the computer model to simulate a number of major cities that have been hard-hit by the epidemic, including New York, Los Angeles, Mexico City and Montreal, each of which has different characteristics.

"New York and Los Angeles both possess large reservoirs for the disease, in that they have large gay communities and high levels of prostitution and drug use," Castillo-Chavez said. "In Mexico City, although there have been concerted media AIDS education programs, there remains a high level of male and female prostitution because of the severe economic problems.

"And in Montreal, although French is the dominant language, most AIDS literature is in English. Also, the schools are dominated by French Catholics, who are



Carlos Castillo-Chavez

Claude Levett

opposed to sex education."

## Sociological basis for model

In developing their model, the researchers assumed that the population consists of a number of distinct social groups defined by gender, sexual behavior, income, age and neighborhood.

They developed a series of equations that could describe the behavior of each group and the interaction among groups. Among the parameters in the model are the likelihood of infection, the average number of sexual partners per group, the percentage of individuals who reach sexual maturity, the average infectious period per group, the natural mortality rate and the AIDS mortality rate.

To define the groups and gather data, the

researchers will join with sociologists, who will conduct field studies and search the sociological literature and census data. Some information may have to be inferred.

"We can't just ask people in a given group how many sex partners they've had," Castillo-Chavez explained. "We may have to estimate such information from sociological studies of how often people in that group date."

However, Castillo-Chavez said that the supercomputer at the Theory Center will enable the model to be run many times, using different assumptions and testing various behavior-modification strategies on different groups. He said the researchers are aiming at a model that is a useful com-

promise — neither so simplistic that its results are invalid, nor so detailed that it is hard to understand.

"We hope the output of this model will help politicians and the community make rational decisions about dealing with AIDS," Castillo-Chavez said. "Many public-health decisions, including those about AIDS, are currently made with very little information.

"At the same time, there are many dangers with these kinds of models. We may find out more about ourselves than we care to know," he said. "I'm very fearful that the information we obtain might increase racial tension. It's a sort of Catch 22: The disease is spreading the most among the poor, more of whom are black and Hispanic. But if we try to use this model to help stop the disease, the results might also be used to increase bigotry, which could injure those groups. As an Hispanic, I'm particularly sensitive to this dilemma."

Castillo-Chavez and Levin are at the Center for Applied Mathematics, the Section of Ecology and Systematics and the Center for Environmental Research. Castillo-Chavez's work is being funded by the Center for Applied Mathematics, the Office of the Provost and a Ford Foundation postdoctoral fellowship for minorities.

He also is collaborating with a research group at Los Alamos Scientific Laboratory and with researcher Kenneth L. Cooke at Pomona College. The Los Alamos group is exploring alternative approaches such as partnership and risk models to predict the course of the AIDS epidemic.

Other groups developing mathematical models of AIDS include those led by Roy Anderson at Imperial College in London, by Robert May at Princeton University and by Herbert Hethcote at the University of Iowa.

The Cornell researchers hope to combine their data with that of these groups for simulations on the Cornell supercomputer.

— Dennis Meredith

## Vet College trying to head off AIDS-like disease found in cats

Scientists at the College of Veterinary Medicine are trying to head off a newly discovered AIDS-like disease in cats before it spreads throughout the feline population.

Their studies of feline T-lymphotropic virus (FTLV) may lead to better tests, treatment or preventive measures for the potentially fatal disease that disables cats' immune systems. Because FTLV is similar to the human immunodeficiency virus (HIV), which causes acquired immune deficiency syndrome (AIDS), any new information on the cat virus could help researchers in the fight against human AIDS and other related viruses.

The Feline Health Center at Cornell has asked more than 20,000 veterinarians across the country to send blood samples from cats suspected of having FTLV. This is the first attempt at a nationwide epidemiologic study of FTLV. So far, veterinarians from more than two dozen states have responded to the survey by the Feline Health Center, which operates a research and information-dissemination program for veterinarians and cat owners.

## Not transferrable to humans

Fortunately, FTLV is not highly contagious, according to Dr. Peggy C. Barr, a Cornell veterinary virologist studying the disease. The virus seems to be transmitted in saliva, through wounds or when cats clean one another. It apparently does not spread among cats that are in close proximity but are physically separated, as in different cages.

Nor is FTLV transferrable to humans, Dr. Barr said. The disease is species-specific, not infecting animals other than cats.

"Humans do not get AIDS from cats, and cats do not get feline AIDS from humans with AIDS," she emphasized.

To date, most cases of FTLV have been reported on the East and West coasts and in Texas and Japan.

"FTLV may have been in the cat population — and not identified — for years," Dr. Barr said. "We think FTLV probably will become an important disease in cats."

Besides looking for differences in FTLV from several geographic areas of the coun-

try, the Cornell researchers will examine samples from their extensive archives of frozen blood serum, hoping to learn when the virus first appeared in its present form.

"The virus is very difficult to detect, and the disease has a particularly insidious onset," said Dr. Fredric W. Scott, director of the Feline Health Center. "However, there is a high awareness among veterinary practitioners of the disease, and many cat owners have read about FTLV in the newspapers."

## Parallels to feline leukemia

Since February 1987, when FTLV symptoms were first described in the journal *Science* by researchers at the University of California at Davis, veterinarians have noted parallels to another viral disease in cats, feline leukemia.

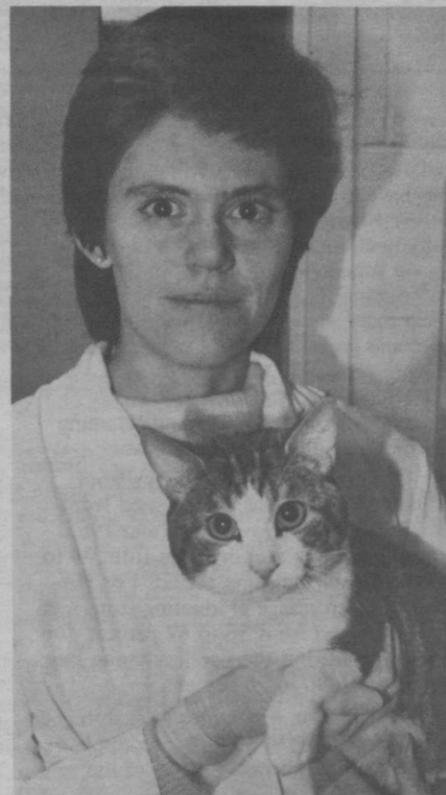
In one survey, about 20 percent of cats that had symptoms of immunodeficiency and that tested negative for feline leukemia instead were found to be infected by the T-lymphotropic virus. Both diseases weaken animals' immune systems and can make them more susceptible to respiratory infections.

Other signs of FTLV can include enlarged lymph nodes; diarrhea; gum conditions, such as gingivitis and periodontitis, causing loss of teeth; skin infections; cystitis, an infection of the urinary bladder; conjunctivitis, or inflamed eye tissue; thin, rough coat of fur; weight loss; and diminished vigor due to anemia.

One goal of the Cornell research is a better test for FTLV. The current test detects FTLV antibodies — presumably produced by the cat's system in reaction to the virus — but does not guarantee the virus is still in the system.

The Cornell scientists also would like to find a treatment for the disease and a vaccine to prevent it. Dr. Scott said that will be difficult "because FTLV spreads from cell to cell and can 'hide' in cells. It can't be stopped by antibody response of traditional vaccines."

Dr. Barr said that genetic engineering techniques may yield a vaccine to prevent FTLV infection and that gene therapy could



Margaret Barr and feline friend

Claude Levett

be a treatment.

The Feline Health Center's principal concern is the well-being of cats, said Dr. Scott, a professor of veterinary virology. But new information on a lentivirus disease in cats could lead to greater understanding of other lentiviruses.

"We're looking for structural information — the way the virus is put together and the way it regulates its replication," Dr. Scott said. "While lentiviruses may infect different cells in different animals, they probably operate with similar same mechanisms."

Noting the dual mission of the Feline Health Center, Dr. Barr said the virologists are trying to help animals at the same time they try to understand the basis of the disease. "We have to have fundamental information about the virus before we can develop antiviral treatments that will be effective without causing other problems for the animals," she said.

— Roger Segelken

## Hogarth backs policies that ease shopping for a bank account

Consumers — especially the elderly — face such a bewildering range of choices from banks and other investment institutions that many are not getting the maximum return for their money, a Cornell expert told a Senate subcommittee Nov. 5.

In testimony prepared for delivery before the Consumer Affairs Subcommittee of the Senate Banking Committee, Assistant Professor Jeanne M. Hogarth of the Department of Consumer Economics and Housing supported legislation that makes it easier for consumers to comparison-shop for bank accounts. She also urged that computerized information be made widely available at such locations as public libraries and county extension offices.

"Consumers need help in sorting through 'choice overload,'" Hogarth said. "One response to this over-choice is to do nothing. For example, we know that retired households hold between one-half and two-thirds of their financial assets in savings accounts — hardly the way to buffer retirement income against the effects of inflation.

"As an educator, I have observed that bringing consumers and information together is no easy task," Hogarth noted. "The availability of information at an appropriate time, at a 'teachable moment,' is important. Information needs to be on line and ready as consumers need it.

Although commercial services provide financial data to subscribers, "Public-use videotext terminals can provide timely information, including that of financial account options, to those unable to afford private subscriptions," Hogarth suggested.

She noted that "there are numerous examples of public- and private-sector agencies working to bring the consumer and information together and to assist consumers in developing decision-making skills." The New York State Banking Department and Cornell Cooperative Extension have teamed up for one such venture — a videotape and teaching guide that can be used in high schools to inform teenagers about the kinds of financial accounts available to them.

— Irv Chapman



**WORLD PREMIERE:** The theater was heatless, the steel girders exposed, and the cement-floored stage bare but for six plain stools. Yet Cornell's Performing Arts Center had its first performance Nov. 6, a lunch-time show for the construction workers who are still putting the center together where Collegetown abuts the southwest campus. Here, workers Gene Hammond, left, and Wes Vitos watch David Gottlieb and Kate Levy in a scene from "20th Century Blues," a collection of pieces developed by Guest Director in Residence Maurice Daniels. The work, to be part of



Claude Levett

a road show of Cornell's six Resident Professional Theatre Associates, is adaptations of writings by Shakespeare, Noel Coward, Samuel Beckett, Martin Luther King, John Lennon, Tom Stoppard and others. The 50 or so premiere-goers ate bag lunches as they sat on saw-horses and chunks of cinder-block in what, by next summer, will be the three-level, 511-seat main theater of the center. The audience was so attentive that no one looked up when a host of house sparrows sailed into the theater, circled above the actors then settled in the rafters, presumably to watch.

## Rhodes urges land-grant schools to meet new needs

The nation's state universities and land-grant institutions must increase their efforts to recruit and retain minority students, to meet pressing national economic and social needs, and to improve the substance and style of undergraduate education, President Frank H.T. Rhodes said on Monday.

Speaking at the opening session of the centennial meeting of the National Association of State Universities and Land-Grant Colleges in Washington, D.C., Rhodes suggested a series of actions that the institutions might take to meet what he termed "new needs and challenges."

He was delivering the annual Justin Smith Morrill Memorial Lecture sponsored by the Department of Agriculture as a tribute to the author of the legislation enacted in 1862 that paved the way for the nation's land-grant college system.

USDA's Cooperative State Research Service chose Rhodes to receive the 1987 Justin Smith Morrill Award in recognition of his "demonstrated leadership and significant contributions to the principles of higher education in the food and agricultural sciences."

Rhodes is a member of the National Science Board, which determines research policy for the National Science Foundation, and chairman of the American Council on Education.

On Tuesday, the association honored a centennial alumnus from each of its member institutions. Cornell's representative was Sol M. Linowitz, a 1938 graduate of Cornell Law School, a lawyer, a former U.S. ambassador and a former chairman of Xerox Corp. He has been a Cornell trustee since 1966. The centennial alumni were

chosen by members of the Executive Committee of the land-grant association on the basis of "their outstanding contributions and character," according to Robert L. Clodius, president of the association.

### Calls for community links

In his lecture, Rhodes said that land-grant institutions have to "engage in more imaginative and effective recruiting" of minority students. He suggested doing this, in part, by developing "new links with communities, churches and minority families," by expanding existing community networks such as Cooperative Extension and creating ties with other community agencies that serve minority youth.

Rhodes added that universities "might consider adopting local schools where our faculty and students could serve as mentors and role models" and cited Ohio State's new Young Scholars Program, which aims to help black sixth graders finish high school and go on to college, as an example of such a program.

He underscored the need for the increased effort in recruiting and retaining minorities with the following statistics:

- Although the national high school graduation rate for blacks increased from 67 to 75 percent between 1976 and 1985, their college-going rate dropped from 34 to 26 percent over the same period. For Hispanics, the percentage graduating from high school increased from 56 to 62 percent during that period, but their college-going rate dropped from 36 to 26 percent.

- The situation gets worse at each higher level of education. In 1986, for example, blacks nationally earned only 24 of the

Ph.D.s awarded in engineering, only 33 of those awarded in the physical sciences and only one of those in computer science.

"Minorities are growing rapidly as a proportion of the population, and by the year 2020, they will account for 35 percent of all Americans. Unless they participate more fully in higher education, the nation will face a serious shortage of skilled labor and a further weakening of our already weak position in global markets," Rhodes said. ". . . Of equally serious concern are the greater ethnic frustration, the loss of cultural richness, the wasted human potential and the lack of minority leadership that these trends portend."

### Calls for "industrial extension"

Broadening his theme to the question of "how well we are responding to national problems and meeting national needs," Rhodes said that higher education — especially the land-grant institutions — needs "to think critically about whether we are meeting new challenges or simply planning for the last war."

Because international economic competitiveness is an issue of widespread national concern, universities must make serious efforts to define the problems and resolve them, Rhodes asserted. "Could we perhaps establish on a national scale an industrial extension service, modeled on Cooperative Extension, whose aim would be to link university knowledge in such areas as business management and engineering with the real needs of business and industry?" he asked.

Rhodes made such a proposal this spring during testimony on Capitol Hill before the House Subcommittee on Science Research and Technology, and House and Senate

conferes are studying legislation that includes provisions for an industrial extension service.

He suggested that one way of doing this is to be "more creative and effective in putting specific technical knowledge in a larger framework, exploring the social goals that such knowledge promotes and the ethical standards it demands."

Rhodes went on to note that Cornell is offering such a service, on an experimental basis, to businesses in eight counties of New York State, "and the results to date have been gratifying." He said that colleges of agriculture must find a way to help their students "think deeply and creatively" about issues such as the implication of overproduction of food rather than underproduction, and the destruction of tropical rain forests and other losses "of species and genetic diversity."

### Ethics and "enriched majors"

Rhodes addressed his final concern, improving the style and substance of undergraduate education, by making the following suggestions:

- More courses dealing with the ethical concerns of particular disciplines. "There is no reason that the social and ethical implications of biotechnology or slash-and-burn agriculture, for example, cannot be addressed in courses such as dairy science, agronomy or plant breeding," he said.

- More "commonality and structure to the undergraduate experience, perhaps by establishing a freshman core requirement or a significant humanities requirement for students in all our schools and colleges, or by offering 'enriched majors.'"

— Barry Gross

## Hardy stresses biotechnology's role in U.S. economic growth

"At this time, the United States is in a world leadership position in biotechnology and should remain so if we attract quality scientists to agricultural research and supplement and redirect our research to the high-reward opportunities," Ralph W.F. Hardy, president of the Boyce Thompson Institute for Plant Research, told a Senate hearing last week.

Hardy, an expert on biotechnology and a recognized authority on the life sciences, testified Nov. 4 at a congressional hearing on competitiveness in agriculture, which was held jointly by the Senate Committee on Agriculture, Nutrition and Forestry and the Technology and Law Subcommittee of the Senate Judiciary Committee.

Also providing testimony were the president of Monsanto Co. and Lewis Thomas, president-elect of the New York Academy of Sciences, author of "Lives of a Cell."

Hardy said that biotechnology products

such as genetically engineered microorganisms, seeds and crop plants for food and non-food uses "will enhance not only the international competitiveness of U.S. agriculture but also its domestic competitiveness by decreasing costs and, even more importantly, by expanding uses."

Hardy, who also is deputy chairman of BioTechnica International, a biotechnology firm in Cambridge, Mass., said that biotechnology companies in the United States are leading the world in converting biotechnology's tremendous potential into reality.

He proposed several steps to assure that American companies continue to lead in applying biotechnology to increase the economic vitality of U.S. agriculture:

- Attract more creative scientists to agriculture. "Agriculture does not attract its fair share of the most creative people," he said. "Incentives such as graduate and postdoctoral fellowships are needed to bring crea-

tive students outside of agriculture into agricultural research and development."

- More basic research in several key areas, especially the development of non-food uses for plants. "The U.S. needs to redirect and supplement a significant part of its agricultural research budget to this highest-priority area of new uses of plants," Hardy stressed.

He proposed that a special commission be set up to develop a plan aimed at creating commercial opportunities for agricultural biotechnology firms as well as farmers.

- Adequate proprietariness to encourage risk investment in industrial research to develop biotechnology products. "Proprietariness is essential for biotechnology industry to obtain an adequate return for the value provided and the investment made," he said.

- More realistic regulations to encourage America's strong biotechnology position in

agriculture. "Regulatory agencies need to adjust their requirements as the assessment of the risk changes, based on evaluation of the relevant scientific knowledge," he said.

- Creation of a more favorable investment environment. "Adequate financial resources is a key need for development-stage biotechnology companies," Hardy said, adding that there are about 10 to 15 such companies in the country. These companies are "one of the U.S.'s most valuable biotechnology resources, thereby making U.S. agricultural biotechnology unique from that in other countries," he said.

"Harmonization, to any degree possible, of regulation and proprietariness on an international basis will favor competitiveness of U.S. biotechnology companies because of their strong technology positions," Hardy said. "High-tech biotechnology agricultural products will be sold on a worldwide basis."

— Yong H. Kim

# ILR alumnus who heads union analyzes labor movement

Black Monday on Wall Street may revitalize unions in the United States as the 1929 crash did, the president of the Amalgamated Clothing and Textile Workers Union believes.

"Our unions grew before World War I but declined in the 1920s while the economy boomed," Jacob Sheinkman told about 200 students and faculty in the School of Industrial and Labor Relations on Nov. 5.

"After the crash of '29, we experienced a great growth of labor unions through the 1930s. Now we've had another stock crash after a long period of economic growth, and maybe union membership will increase."

## Unique ILR alumnus

Sheinkman is the only graduate of the Industrial and Labor Relations School to head a national union. He received a bachelor's degree there in 1948. In 1949, Sheinkman received a certificate in economics from Oxford University, and he went on to earn a law degree from Cornell in 1952. He was an attorney for the National Labor Relations Board from 1952 to 1953 before moving into union work. Earlier this year, he was elected president of the clothing and textile workers union in which he has served since 1953.

About 35 percent of working Americans belonged to unions in 1955 when the Amer-

ican Federation of Labor and the Congress of Industrial Organizations merged to form the AFL-CIO, Sheinkman said. Now only about 17 to 18 percent of workers are union members.

After World War II, public perception grew that "unions were getting too strong," and "to achieve a union-free economy, union-bashing developed into a \$200 million or more industry with lectures on how to deunionize companies," he continued. "We have seen a decline in our ability to organize workers, because of an anti-union climate."

He said that the "deindustrialization and deunionization" of the United States has put "the labor movement at a crossroads," adding that "the dream of many young Americans to own a home is out of reach. Our standard of living may decline."

Citing a stream of statistics, he said that women now constitute about one-half the U.S. work force and are paid 65 percent of what men earn in similar jobs. "Two-thirds of women workers are close to the minimum wage, and many of them are single parents," he said. "Today about 40 percent of our workers earn \$11,000 a year or less, near the poverty level. Thirteen million American live in poverty and 22 percent of them are children."

Sheinkman said that "from 1979 to 1982,

two million manufacturing jobs were eliminated in the United States," partly because of mergers involving private companies. The only current union growth in this country is among workers in the public sector, he added. "Our work force is better educated today than it was 30 or 40 years ago, but younger workers do not necessarily have a positive view of unions," he admitted.

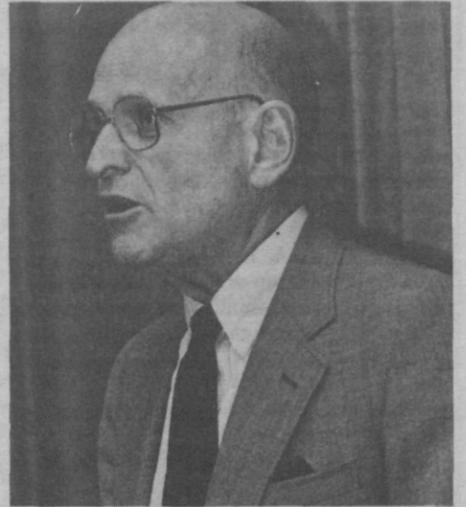
## "Raise wages in developing nations"

Turning to foreign competition, he said the answer to cheap imports of consumer goods is to raise wages in developing nations rather than enact protection legislation.

He quoted figures from the Japan Production Council to illustrate international competitive problems faced by the United States.

"The Japanese figures show that a U.S. shirt worker earns \$5.15 an hour and requires 14 minutes to produce one shirt," Sheinkman said. "In Korea it takes 21 minutes and the worker earns 20 cents an hour. In India, it's 23 minutes and the pay is 5 cents an hour, and in Bangladesh it takes 25 minutes and the worker is paid 3 cents an hour. So we can not compete."

But he said his clothing and textile union is "not anti-Korean or anti-Bangladesh or in favor of protectionism, which is a social disease. We want to see wages increased in



Jacob Sheinkman

India and Bangladesh so that workers in those countries can buy a shirt once in a while."

Answering questions from students, the labor executive said that when he served on Cornell's Board of Trustees he voted twice to divest in stocks of companies doing business in South Africa and that, "Despite my arguments, I did not prevail."

— Albert E. Kaff

# New 'perspective' map gives better than a bird's-eye view

Lost? Lonely? Confused? Try calling EARS, the university's Empathy, Assistance and Referral Service. Just lost? Try consulting the new perspective-type maps that are up, or soon will be, in 10 locations around campus.

These maps are as much an improvement over the flat plan maps they replace as an oil painting is over a stick figure: The buildings on them actually resemble the buildings an eye sees, instead of being what's called in the trade a footprint and looks to the eye like a black square or rectangle.

And, these new maps, which are four and a half by six feet and will be illuminated from behind in a few months for night viewing, are bordered by a directory that lists locations important to visitors and denotes each of the buildings.

So, for instance, a new visitor to campus looking for the music ticket office would be directed to 120 Lincoln Hall (141, F 4-5) on the grid. The old flat plan never told anyone where to find theater tickets or where, for instance, the Mathematics Department is located (129 White Hall, 273, E-F 5).

The first of these new map/directories was installed outside Day Hall, and others are expected to be put into place this week. They are the creation of the Office of Publications Services, the Office of Transportation Services and a firm outside St. Louis headed by electronics engineer Ralph Arnhold.

In the early 1960s, Arnhold worked for a large aerospace company in California that developed satellite technology for surveillance work. After he left, Arnhold was quick to realize he had devised a superior technology, one that would be ideal for mapping college campuses. In the years since then, he has done more than 200 schools, including, among the Ivies, Princeton and Brown as well as this latest, which he called "one of the five best I've ever done."

Strictly speaking, the new map is not a perspective map — it's an infinite-vanishing-



Detail from the new campus map/directory showing, for instance, Bailey Hall (23), McGraw Tower (149) and Uris Hall (258).

point, curvature-plane map, which means that lines don't resolve to just two points on the horizon. Instead, the scale is the same throughout.

"Only if you were in a satellite and could magnify a little area of the Earth many, many times, would you see what we've done," Arnhold said.

"Even buildings way in the background are shown with the same importance because the scale is the same throughout," he said, explaining that the curvature of the map follows the curvature of the Earth.

If, instead, this were a map in conventional perspective, drawn from an aerial photograph, then Collegetown in the fore-

ground would loom large and the North Campus and buildings such as Robert Purcell Union would be tiny, explained Phil Wilson of the Office of Publications Services. He, together with Jo Ann Wimer, a Publications editor, coordinated the map-making project, which took 18 months.

"This is a very democratic map of the campus," Wilson said, pointing out that each major area of the campus's 800-some acres is given equal play.

The map's focal point is the Collegetown bridge, and the rest of it radiates out from there. The view from above Collegetown was chosen because it obscures the fewest buildings and terrain. Also, it's a view that

shows off the beauty of the campus — the gorges, Beebe Lake, the waterfall below it and the slopes and hillocks of the campus.

Every structure on campus and some still in the planning stages — 278 are indexed — are drawn to scale on the new map.

Included are the Performing Arts Center in Collegetown, the Biotechnology building, Academic I, the Theory Center (on its original site overhanging Cascadilla Gorge) and the Dairy Science building. And suggestions of many of Cornell Plantations' trees are included, too.

Proud of the work, Wilson pointed out that studies show only 10 percent of people unfamiliar with an area can navigate using flat maps, whereas 90 percent can understand a perspective, or physical, map.

Indeed, the new map was designed to be friendly to strangers. "It was time a first-class university did a first-class job letting visitors know where they are," said William Wendt, head of Transportation Services.

Plans to make a map like this go back 20 years, said Dorothy Pasternack, director of the Office of Publications Services, whose predecessor initiated conversations with Arnhold. But it took Pasternack and John F. Burness, vice president for university relations, to bring it about.

The map was hand-drawn in india ink on mylar film, using U.S. Geological Survey maps to describe the terrain, ground and aerial photographs, and architectural and engineering plans supplied by campus planner John Ullberg to describe the various structures.

Current plans are to update the map every three years or so, which should not entail great expense, Pasternack said.

Printed versions should be ready in a few months, she added. The printed map will take longer because of two companion pieces: a larger area map that includes the Ithaca airport and Research Park, East Hill Plaza and downtown Ithaca, and a map of a smaller area that zooms in on central campus.

— Carole Stone

# Gates general editor of new Afro-American literature anthology

Henry Louis Gates Jr., prize-winning professor of English, Africana studies and comparative literature, is editing an anthology of Afro-American literature designed to serve as a basic teaching source into the 21st century.

"In this work, we will be defining the canon of Afro-American literature as it will be taught in this century and into the next," Gates said. "Dozens of Afro-American anthologies have been published before but none of this scope and magnitude. Never again will anyone be able to say that our literature cannot be taught because proper materials are lacking."

Entitled "The Norton Anthology of Afro-American Literature," the book is scheduled for publication in 1990 by W.W. Norton &

Co. It will include fiction, non-fiction, drama, poetry, folklore, speeches and oral literature, including the lyrics of spirituals and blues music.

The volume will come with a supplementary teachers' guide to enable instructors without specialized knowledge to teach Afro-American literature, Gates said. Selections in the anthology will date from 1760, the year the first known African writing was published in America, to the present.

Gates is serving as general editor of the anthology, which is expected to run to about 1,200 pages. Ten scholars from other universities are working with Gates as associate editors, and they held their first meeting at Cornell Oct. 31 to discuss the scope of the anthology and each editor's

assignment.

Associate editors are Nellie McKay and William Andrews, University of Wisconsin; Richard Yarborough, University of California at Los Angeles; Frances Foster, San Diego State University; Arnold Rampersad, Rutgers University; Hortense Spillers, Haverford College; Deborah McDowell, University of Virginia; Houston Baker, University of Pennsylvania; Barbara Christian, University of California at Berkeley; and Robert O'Meally, Wesleyan University.

"Never before has such a large group of scholars of Afro-American literature attempted a project such as this," Gates said. "I feel honored to be working with such a distinguished group of people. The significance of this project, both to Afro-

American studies and to the institutionalization of black literature in universities, is enormous."

Gates took the unusual step of calling the editors together because of the complexity of selecting and editing works from many sources.

"It's unprecedented for editors of Norton anthologies to meet together at one time," he said. "Normally they work through correspondence, but I wanted us to start together as a group because of the magnitude of this project."

Gates, winner of a MacArthur Prize, also is editing 30 volumes of the writings of 19th century black women, scheduled to be published in January by the Oxford University Press.

— Albert E. Kaff

# CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

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.

Notices should also include the sub-heading of the calendar in which the item should appear.

architecture students, and explanatory text, through Dec. 20.

**Lessons in Printmaking:** Works by artists from Europe, Asia, and the United States illustrate the full range of printmaking techniques and the variety of effects each produces. The exhibition includes Pablo Picasso's "Le Peintre a la Palette," 1963. The exhibition also explores the printing process from paper selection to proper matting techniques. The exhibit will be on view through Dec. 20.

**Highlights of the Permanent Collection:** A selection of recent acquisitions and works often requested by visitors, through December.

## Olin Library

**Wordsworth and the Age of English Romanticism:** First editions of Wordsworth's books and broadsides, manuscripts and letters, books and fine bindings from his library and handsome engravings of the English Lake District. Weekdays 8 a.m. to noon and 1-5 p.m. through Dec. 31.

## Willard Straight Art Gallery

**The Cutting Edge of Modern Art,** collage exhibit by Jim Powers, on view Monday-Saturday 9 a.m.-9 p.m., Sundays 9 a.m.-10 p.m., through Nov. 20.

# FILMS

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

## Thursday, 11/12

"Yakshagana: Ritual Dance Theater From South Kanara, India," documentary, sponsored by the South Asia Program Film Series, 5 p.m., 310 Uris Library.

"4 Nights of a Dreamer" (1971), directed by Robert Bresson, with Isabel Weingarten, Guillaume des Forets. Sponsored by the Arts College Pentangle Program, 8 p.m., Uris.

## Friday 11/13

"The Living Daylights" (1987), a James Bond movie, directed by John Glen, with Timothy Dalton, Maryam D'Abo and John Rhys-Davies, 6:45 p.m., Uris.\*

"The Computer Animation Show" (1987), 8 p.m., Anabel Taylor.\*

"El Amor Brujo" (1986), directed by Carlos Saura, with Antonio Gades, Christina Hoyos, and Laura del Sol, 9:35 p.m., Uris.\*

"The Kids Are Alright" (1979), directed by Jeff Stein, with The Who, Roger Daltrey, Keith Moon, midnight, Uris.\*

## Saturday 11/14

"El Amor Brujo," 6:45 p.m., Uris.\*

"The Computer Animation Show," 7:30 and 9:30 p.m., Anabel Taylor.\*

"The Living Daylights," 9:10 p.m., Uris.\*

"The Kids Are Alright," midnight, Uris.\*

## Sunday 11/15

"Bedknobs and Broomsticks" (1971), directed by Robert Stevenson, with Angela Lansbury, David Tomlinson and Roddy McDowall, 2 p.m., Uris.\*

Whitney Biennial Film Exhibition 6: "Magdalena Viraga-The Story of a Red Sea Crossing" (1986), directed by Nina Menkes, 2 p.m., Johnson Museum.

"The Living Daylights," 8 p.m., Uris.\*

## Monday 11/16

"The Computer Animation Show," 8 p.m., Uris.\*

## Tuesday 11/17

"Are We Winning, Mommy?" (1986), documentary subtitled America and the Cold War, with guest director Barbara Margolis, 8 p.m., Uris.\*

"Acting Techniques of Topeng, Masked Theatre of Bali" (1982), sponsored by the South East Asia Program Film Series, 4:30 p.m., 310 Uris Library.

## Wednesday 11/18

"Sugarbaby" (1984), directed by Percy Adlon, with Marianne Saegebrecht, Eisi Gulp and Toni Berger, 8 p.m., Uris.\*

## Thursday 11/19

"German Dreams," by German New Wave filmmaker Lienhard Wawrzyn, who will discuss the film after the showing, 4:30 p.m., L-04 Uris. Co-sponsored by the departments of Theatre Arts and German.

"Four Holy Men: Renunciation in Hindu Society," documentary, 5 p.m., 310 Uris Library.

"A Woman Without Love" (1951), directed by Luis Bunuel, 8 p.m., Uris. Sponsored by the Arts College Pentangle Program.

"The Two Worlds of Angelita" (1983), directed by Jane Morrison, with Marien Perez Riera, Rosalba Rolon, Angel Domenech Soto, 8 p.m., Anabel Taylor.

# LECTURES

## Anti-Apartheid Resource Group

"The Role of the ANC and the U.S. in South Africa's Liberation Struggle," Solly Simelane, African National Congress' United Nations Observer Mission, Nov. 18, 8 p.m., 158 Martha Van Rensselaer. Co-sponsored by Faculty and Staff Against Apartheid, Africana Studies and Resource Center, Ujamaa, Education Against Oppression, UAW, and the Graduate Activities Funding Commission.

## Archaeology

"The Late Roman Villa at San Giovanni," Alastair M. Small, University of Alberta, Nov. 18, 8 p.m., 22 Goldwin Smith Hall.

## Art

"Annotations of Ambiguity," photographer Judith Turner, Nov. 13, 4 p.m., 115 Olive Tjaden Auditorium.

## Biology & Society Program

"Frontiers in Agriculture and the Liberal Arts," the W.K. Kellogg Foundation Pre-Workshop Lectures. All lectures will be held Nov. 19, in 700 Clark Hall. For more information call 255-6042.

"The Great Transformation of the Rural Environment," Donald Worster, American Studies, Brandeis University, 1 p.m.

"The Politics of Food Security," Raymond Hopkins, Political Science, Swarthmore College, 2:30 p.m.

"Strengthening Linkages Between Agriculture and the Liberal Arts: An Agricultural Science Perspective," James Vorst, Agronomy, Purdue University, and "Teaching Ethics and Agriculture: A Liberal Arts Perspective," Mark Sagoff, Philosophy and Social Policy, University of Maryland, 4-5:45 p.m.

"Conflicts Between Agriculture and Conservation: What is the Role of the Ecologist?" C. Ronald Carroll, associate director, Natural Reserve System, University of California, Berkeley, 7:30-9 p.m.

## Chemistry

"Resonating-Valence-Bond Theory of Metals and Intermetallic Compounds," Linus C. Pauling, Linus Pauling Institute of Science and Medicine, Palo Alto, Calif., Baker Lecture Series, Nov. 12, 11:15 a.m., 200 Baker Laboratory.

"More About Metals and Intermetallic Compounds," Linus C. Pauling, Nov. 17, 11:15 a.m., 200 Baker Laboratory.

"Icosahedral Quasicrystals as Twins of a Complex Cubic Crystal," Linus C. Pauling, Nov. 19, 11:15 a.m., 200 Baker Laboratory.

## China-Japan Program

"Economic Development in China," Han Xu, ambassador of the People's Republic of China to the United States, Nov. 18, 4:30 p.m., 120 Ives Hall. Sponsored by the Graduate School.

## Classics

"The Unbroken Circle: Continuity and Change in Theatrical Convention," Nicholas Rudall, artistic director, The Court Theatre of



Maria Porter as the Princess of France and David Nell's production of "Love's Labour's Lost," opening

the University of Chicago, Nov. 13, 4:30 p.m., 134 Goldwin Smith.

## Committee on Evolutionary Biology, Division of Biological Sciences

"How One Species of Darwin's Finch Became Fourteen," Peter R. Grant, Dept. of Biology, Princeton University, Nov. 18, 8 p.m., 110 Ives.

## Council of the Creative and Performing Arts

John Edgar Wideman, author of "Brothers and Keepers," will read from his own work, Nov. 17, 4:40 p.m., Kaufmann Auditorium.

## Hillel

"Encounters with Eastern European Jewry," Yale Strom, ethnographer and musician, Nov. 13, 8:15 p.m., One World Room, Anabel Taylor.

## Materials Science and Engineering

"Properties of Ordered Intermetallic Compounds," C.T. Liu, Oak Ridge, Nov. 12, 4:30 p.m., 140 Bard Hall.

## Near Eastern Studies

"Rachel Varnhagen and Jewish Identity," Lillian Weissberg, Johns Hopkins University, Nov. 12, 4:15 p.m., 374 Rockefeller Hall.

"On Writing the History of Ancient Israel," Alberto Soggin, Dept. of Oriental Studies, University of Rome, 4:15 p.m., 374 Rockefeller Hall.

"From Colonization to Decolonization: The Case of Algeria and Tunisia," Andre Nouschi, Dept. of History, SUNY Binghamton, Nov. 18, 4:30 p.m., 230 Rockefeller Hall.

## Renaissance Colloquium

"The Dream-Narrative in the Renaissance, II: Kepler's Somnium," James Romm, Classics, Nov. 18, 4:30 p.m., 183 Rockefeller.

## Society for the Humanities

"The Postmodern Debate: An Afro-American Interpretation," Cornel West, Union Theological Seminary, Nov. 16, 4:30 p.m., Guerlac Room, A.D. White House.

"Pudd'nhead Wilson: Separate but Equal," Eric Sundquist, University of California, Berkeley, Nov. 18, 4:30 p.m., Guerlac Room, A.D. White House.

## South Asia Program

"The Legend of Upagupta in South and Southeast Asia," John Strong, Bates College, Nov. 18, 12:15 p.m., 153 Uris Hall.

## Southeast Asia Program

"The Recording Industry in Indonesia from 1905," Philip Yampolsky, visiting lecturer, music, Nov. 19, 12:20 p.m., 102 West Ave. Ext.

## Theoretical and Applied Mechanics

"Stress Waves in Solids - Constitutive Theory and Applications," Walter Hermann, Sandia Laboratory, Engineering Sciences, Nov. 18, 4:30 p.m., 205 Thurston Hall.

## University Lectures

"Philosophical and Political Consequences of Modern Science: Meaning of the Quantum Theory; Ideas on the Philosophy of Science; Political and Moral Consequences of Science," Carl Friedrich von Weizsacker, Physics & Philosophy, University of Munich and Hamburg,

# DANCE

## Dance Ensemble

Milkwood Dance Ensemble, Nov. 15, 2-3 p.m., Memorial Room, Willard Straight Hall.

## Folkdancers

The Cornell community and the general public are welcome to join in folkdancing. Admission is free, unless stated otherwise.

Instruction and requests, Nov. 14, 7:30-10:30 p.m., North Room, Willard Straight Hall.

## Israeli Folkdancing

Every Thursday, 8:30 p.m., Edwards Room, Anabel Taylor Hall.

## Swing and Jitterbug

Dancing every Wednesday evening from 8:30-10 p.m., Edwards Room, Anabel Taylor Hall. Instructor will be present. Partners are not needed. For more information, call 273-0216.

# EXHIBITS

## Hartell Gallery

**The Capitol in Albany,** by Judith Turner, along with photographers William Clift, Stephen Shore and Dan Weaks. Four very different artistic approaches to photographing architecture, on display through Nov. 20, 8 a.m. to 5 p.m., in the John Hartell Gallery, Sibley Dome.

## Hillel

**A Celebration of Yiddish,** photo exhibit by ethnographer and musician Yale Strom, Nov. 12-14, Anabel Taylor.

## Ives Hall Exhibition Cases

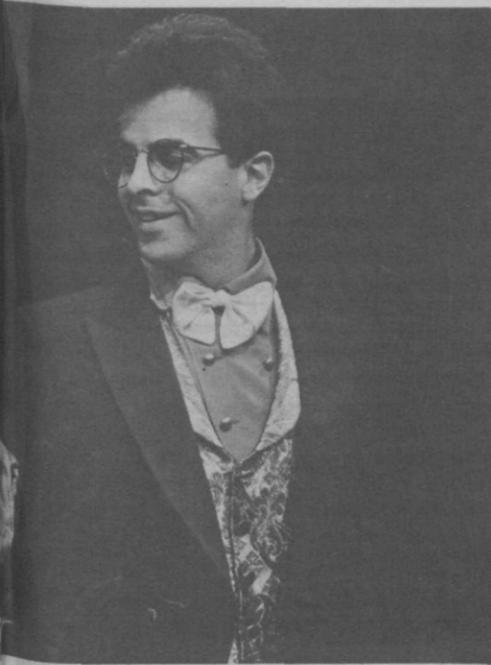
**The Specter of Child Labor** can be seen in the Ives Hall classroom wing exhibition cases through the month of December.

## Johnson Art Museum

The Herbert F. Johnson Museum of Art, 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.

**Friedel Dzubas: Works of the '70s and '80s:** An exhibition of more than 20 large paintings and 50 sketches produced since 1972, featuring the artist's "color-block" paintings, among other works. Dzubas achieved recognition as an abstract expressionist and taught as a visiting artist/critic at Cornell from 1970 to 1973. The exhibit opens Nov. 13 and will be on view through Dec. 20.

**The Utility of Splendor: The Architecture of Balthasar Neumann:** To commemorate the 300th anniversary of Balthasar Neumann's birth, the exhibition, planned in cooperation with the Department of Architecture, honors a great architect of the 18th-century. The exhibition includes drawings, models prepared by



Little as the King of Navarre in Theatre Cor-  
Nov. 19 at Willard Straight Hall.

Messenger Lecture, Nov. 16, 4:30 p.m., 200 Baker Laboratory and Nov. 17 & 20, 4:30 p.m., Hollis Cornell Auditorium, Goldwin Smith.

"The Ideology of the Aesthetic," Terry Eagleton, Wadham College, University of Oxford, Nov. 19, 4:30 p.m., Lecture Room D Goldwin Smith Hall.

## MUSIC

### Bound for Glory

Gary Meixner and the Wilderness Family, performing American folk songs, Nov. 15. Bound for glory presents three live sets, at 8:30, 9:30 and 10:30 p.m. every Sunday at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free. The show can be heard Sunday 8 to 11 p.m. on WVBR-FM93.

### Coffeehouse Performers

Amy Davis and Jody Kessler, folk music, Nov. 12, 8 p.m., Memorial Room, Willard Straight Hall.

### Cornell Folk Song Club

Utah Phillips, folk singer and reformed hobo, Nov. 20, 8:30 p.m., Anabel Taylor Auditorium. Advanced tickets are \$5, available at the Commons Coffeehouse, Rebob Records and Borealis Books.

### Department of Music

Student recital: Stacey Pelinka, flute; Jessica Wang and Shoko Takai, piano, Nov. 12, 8:15 p.m., Barnes Hall auditorium. Program will include pieces by Michel Blavet, Benjamin Godard, Franz Schubert, Herbert Murrill and Aaron Copland.

The Cornell Chorus, directed by Susan Davenny Wyner, will present its fall concert, pieces for "Friday the 13th," exuberant motets from the 13th through the 16th centuries followed by a barrage of rounds and canons of the 16th through 20th centuries, Nov. 13, 8:15 p.m., Sage Chapel. Featuring works by de Lassus, Dunstable, Vasquez, and Dufay, and English and American composers Henry Purcell, Gustav Holst, Quincy Porter and Henry Brant.

Cornell Chamber Ensemble, with John Hsu conducting, will perform Joseph Haydn's "Symphony No. 13 in D Major" and "Symphony No. 39 in G Minor," and Wolfgang Mozart's "Symphony in F Major, K. 130," Nov. 14, 8:15 p.m., Barnes Hall Auditorium.

Student recital: Christopher Kaufman, piano, and George Rosenbun, viola. Works by Christopher Kaufman, David Brackett and Christopher Hopkins and Luciano Berio, Nov. 15, 4 p.m., (Not 2 p.m. as previously listed), Barnes Hall auditorium.

Edward Smith, harpsichordist, will give a masterclass, and harpsichord students studying with performer and lecturer Joyce Lindorff will perform 18th century works for discussion, Nov. 16, 5:15 p.m., Barnes Hall Auditorium.

Student recital: auditorium students of Jonathan Shames, will perform works of Robert Schumann, Sergei Rachmaninoff, Frederic Chopin, Ludwig van Beethoven, Sergei Prokofiev and others, Nov. 17 and 18, both at 8:15 p.m., Barnes Hall auditorium.

Student solo-recital: Mee-Jin Woo, piano, will perform works by Johann Sebastian Bach, Ludwig van Beethoven and Sergei Prokofiev, Nov. 19, 8:15 p.m., Barnes Hall auditorium.

### Hillel

Klezmer Coffeehouse with Yale Strom and Mark Dresser, Nov. 14, 8:30 p.m., Commons Coffeehouse, Anabel Taylor.

## RELIGION

### Sage Chapel

Charles E. Curran, the Kaneb Visiting Professor of Catholic Studies, will be the speaker at the Sage Chapel interfaith services Nov. 15 beginning at 11 a.m.

### Catholic

Mass: Every Saturday, 5 p.m., every Sunday, 9:30 and 11 a.m., and 5 p.m., Anabel Taylor Auditorium.

Daily Masses Monday through Friday, 12:20 p.m., Anabel Taylor Chapel.

### Christian Science

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

### Episcopal (Anglican)

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

### Friends (Quakers)

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

### Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Reform Services: Friday evenings 5:30 p.m., Anabel Taylor Chapel.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Hall Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

### Korean Church

Every Sunday, 2:30 p.m. Anabel Taylor Hall.

### 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.

### Zen Buddhism

Zazen meditation: Tuesdays at 7 p.m., Edwards Room, Anabel Taylor Hall. Every Thursday 5:10 p.m., Anabel Taylor Chapel. For more information or to arrange beginner's instruction, call Ian Dobson at 277-4364.

## SEMINARS

### Agricultural Engineering

"Is Agriculture Ready for Artificial Intelligence?" Robert M. Pert, Dept. of Agricultural Engineering, University of Florida, Nov. 16, 4 p.m., 400 Riley-Robb.

### Agronomy

"Life in a Dry State: Desiccation Tolerance in Seeds," Carl Leopold, Dept. of Agronomy, Nov. 17, 4 p.m., 135 Emerson Hall.

### Applied Mathematics

"Residual Stresses in Flexible Membranes," Chi-Sing Man, Dept. of Mathematics, University of Kentucky, Nov. 12, 4:30 p.m., 322 Sage Hall.

### Astronomy and Space Sciences

"Interstellar Seeing and Neutron Stars," James Cordes, Nov. 12, 4:30 p.m., 105 Space Sciences.

### Biochemistry, Molecular & Cell Biology

"Functional Domains in the alpha-Abrenergic Receptor," Dr. Elliot Ross, Dept. of Pharmacology, University of Texas Health Center, Dallas, Nov. 13, 4:30 p.m., 204 Stocking Hall.

"IgE Receptor Associated Proteins," Laura Monfalcone, Biochemistry, Molecular & Cell Biology, Nov. 16, 12:20 p.m., 204 Stocking Hall.

### Biophysics

"Diffusive, Interfacial Transport: A New Dimension to Experimental Pitase Science," R.G. Laughlin, Miami Valley Laboratory, The Procter and Gamble Company, Nov. 18, 4:30 p.m., 700 Clark Hall.

### Boyce Thompson Institute

"Molecular Biology of Plant Virus Replication," Timothy C. Hall, Distinguished Professor of Biology, Texas A&M University, Nov. 18, 2 p.m. 146 Morrison Hall.

### Chemistry

"Metal Clusters: Molecular Surface Chemistry," Andrew Kaldor, Exxon Research and Engineering, Nov. 12, 4:40 p.m., 119 Baker Laboratory.

"Chemically Mediated Interactions Between Goldenrod and Predator Insects," Phillip LeQuesne, Northeastern University, Nov. 16, 4:40 p.m., 119 Baker Laboratory.

"The Synthesis, Isolation and Characterization of Molecular Particles of Semiconductor Solids," Michael Steigerwald, AT&T Bell Laboratories, Nov. 19, 4:40 p.m., Baker Laboratory.

### Chemical Engineering

"Block Copolymer Adsorption from Micellar Solutions," Alice Gast, Dept. of Chemical Engineering, Stanford University, Nov. 12, 4:15 p.m., Olin 145.

### City and Regional Planning

"Panel Discussion on U.S. Urban Policy," Robert Miner, Commissioner of Economic Development, City of Chicago and Norman Krumhoiz, Cleveland State University, Nov. 13, 12:15 p.m., 157 E. Sibley.

### Committee on Evolutionary Biology, Division of Biological Sciences

"Exceptionally Variable Populations of Darwin's Finches," Peter R. Grant, Dept. of Biology, Princeton University, Nov. 17, 4:30 p.m., Morison Seminar Room, A106 Corson/Mudd.

"Natural Selection on a Population of Darwin's Finches," Rosemary Grant, Dept. of Biology, Princeton University, Nov. 18, 10 a.m., Whittaker Room, A409 Corson/Mudd.

### Computer Services

"Applying the Personal Computer in a Practical Management Decision Making Context: A Case in Labor Scheduling," Gene Ziegler, Johnson School of Management, Nov. 12, 12:20 p.m., 100 Caldwell Hall.

### Floriculture & Ornamental Horticulture

"Sod Production Utilizing the 'RILS'," May Khabbaz, MS Candidate, Nov. 12, 12:15 p.m., 404 Plant Science.

### Food Science

"Use of the Lifelines TM Inventory Management System in the Distribution of Military Subsistence," Capt. Anthony Kral, Dept. of Food Science, Nov. 17, 4:30 p.m., 204 Stocking Hall.

### Genetics and Development

"Second Messenger Defects in Drosophila Learning Mutants," William Quinn, Massachusetts Institute of Technology, Nov. 16, 4 p.m., 135 Emerson Hall.

### Geological Sciences

"Half Grabens in Mid-Continent Rift and the Grenville Thrust Zone," Alan Green, Dept. of Energy, Mines & Research, Ottawa, Nov. 17, 4:30 p.m., 1120 Snee Hall.

### History and Philosophy of Science and Technology

"Reasoning Experimentally: What Do Theories Owe to Experiment?" David Gooding, director of studies and a lecturer, History & Philosophy of Science, University of Bath, Nov. 18, 4:30 p.m., 165 McGraw Hall.

### International Nutrition

"Nutrition Awareness of Canadian Adults," Donna M. Woolcott, Applied Human Nutrition, University of Guelph, Ontario, Nov. 12, 12:20 p.m., N-207 Martha Van Rensselaer Hall.

### Jugatae

"Cladistic Biogeography of Some African Mygalomorph Spiders," Charles Griswold, Dept. of Entomology, American Museum of Natural History, Nov. 16, 4 p.m., A106 Corson/Mudd.

### Mechanical and Aerospace Engineering

A series of presentations to be given at the American Physical Society Meeting In Eugene, Oregon, Nov. 17, 1 p.m., 282 Grumman Hall.

"Acoustic Emission and Fracture of Solids," Y.H. Pao, Nov. 17, 4:30 p.m., 282 Grumman.

### Microbiology

"A Reversible System of ADP-Ribosylation: The Regulation of Nitrogenase Activity in the Phototrophic Bacterium Rhodospirillum," Paul Ludden, Dept. of Biochemistry, University of Wisconsin, Madison, Nov. 12, 4:30 p.m., 124 Stocking Hall.

### Neurobiology

Neuroscience meeting, Nov. 19, 12:30 p.m., Morison Seminar Room, Corson/Mudd Hall.

### Pharmacology

"Membrane Signal Transduction in T Lymphocyte Activation," Phillip Rosoff, Dept. of Physiology, Tufts University Medical Center, Nov. 16, 4:30 p.m., Pharmacology Library, D101L Schurman Hall.

### Physiology

"Fluid Secretion in Renal Proximal Tubules of Fish," William Cliff, graduate student, Dept. of Physiology, Nov. 17, 4:30 p.m., G-3 Vet Research Tower.

### Plant Biology

"Pea Leafscape: Gene-Controlled Pattern Formation," G.A. Marx, Dept. of Horticulture Sciences, Geneva, Nov. 13, 11:15 a.m., 404 Plant Science.

### Plant Breeding and Biometry

"Some Concepts for Improving Efficiency of Breeding for Higher Yield," Humberto Gomez, Henry Munger, Mark Sorrells and Don Wallace, Dept. of Plant Breeding, Nov. 17, 12:20 p.m., 135 Emerson Hall.

### Plant Pathology

"Biological Control of Monilinia Fructicola by Bacillus Subtilis," Beth Hazen, Nov. 17, 4:30 p.m., 404 Plant Science.

### Poultry and Avian Sciences

"The Effect of Thyroid Hormone on Cell-Mediated Immunity in Sex-Linked Dwarf and K Strain Chickens," Gisela Erf, Dept. of Poultry Science, Nov. 12, 4:30 p.m., 300 Rice Hall.

### Rural Sociology

"Rich Forests, Poor People and Development: Forest Access Control and Resistance in Java," Nancy Peluso, University of California, Berkeley, Nov. 16, 3:30 p.m., 32 Warren Hall.

### Sociology

"Constructuralism: Relating Social and Cognitive Structures," Kathleen Carley, Carnegie Mellon University, Nov. 13, 12:20-1:30 p.m., 330 Uris Hall.

### Statistics

"Estimation for a Single Server Queue with Poisson Arrivals and Complete Balking," Gail Rubin, Senior Research Associate, Biometrics Unit, Nov. 18, 3:30 p.m., 100 Caldwell Hall.

# CORNELL in the News

A selection of articles from the national and international media featuring Cornell University

U.S. NEWS & WORLD REPORT  
Oct. 26, 1987



## AMERICA'S BEST COLLEGES

Expert Advice  
On Getting Into  
And Paying for  
College

SAT Scores,  
School by School



An Ivy League educator gives worried parents the same advice about helping their children pick a college that he gave his daughter

## LET THE STUDENT DECIDE

By Frank H. I. Rhodes  
President of Cornell University

Finding the "best college," never an easy task for students and their families, has become even harder this year. Almost every day, the typical high-school senior or junior's mailbox contains another college "view book," painting an idyllic picture of campus life. But almost as frequently, politicians and other national leaders appear on the evening news to criticize higher education for its shortcomings. Trying to reconcile those opposing points of view can be difficult, especially for young people.

As a university president, I have watched many students and their families embark on the college search, and as a father I have lived through it myself four times. I am persuaded that, even in these confusing times, finding a good college is not life's greatest burden or youth's harshest ordeal. Given the enormous variety of American higher education, there probably are quite a few likely collegiate possibilities that would meet a given student's needs.

### A note for parents

There is one caveat, however, that both students and their

families need to have firmly in mind before they begin the great college hunt: It is the student, not the parents, who ultimately must decide where—and whether—to go.

When my daughter Deborah was selecting a college, I suggested she consider the smallest school among her three top choices, on the ground that she probably would receive more personal attention there.

"But Dad," she replied, a trifle indignantly, "the letter of acceptance from that college began 'Dear David.'" She made her point well and eventually went to the college she had favored all along.

### NATIONAL UNIVERSITIES

Rank	Rating	Tuition
1	Stanford Univ. (Calif.)	65.5% \$11,880
2	Harvard Univ. (Mass.)	64.5% \$12,015
3	Yale Univ. (Conn.)	62.7% \$12,120
4	Princeton Univ. (N.J.)	52.7% \$12,550
5	Univ. of California, Berkeley	36.4% \$ 5,776*
6	Dartmouth College (N.H.)	34.5% \$12,474
7	Duke Univ. (N.C.)	32.7% \$10,320
8	Univ. of Chicago (Ill.)	30.0% \$12,120
	Univ. of Michigan, Ann Arbor	30.0% \$ 8,828*
10	Brown Univ. (R.I.)	25.5% \$12,960
11	Cornell Univ. (N.Y.)	24.5% \$12,300
	Massachusetts Institute of Technology	24.5% \$12,500
	Univ. of North Carolina, Chapel Hill	24.5% \$ 4,106*
14	Rice Univ. (Tex.)	23.6% \$ 5,125
15	Univ. of Virginia	21.8% \$ 5,800*
16	Johns Hopkins Univ. (Md.)	19.1% \$11,000
17	Northwestern Univ. (Ill.)	18.2% \$11,637
18	Columbia Univ. (N.Y.)	17.3% \$11,900
19	Univ. of Pennsylvania	16.4% \$11,976
20	Univ. of Illinois, Urbana-Champaign	15.5% \$ 4,410*
21	California Inst. of Technology	14.5% \$11,000
22	College of William and Mary (Va.)	13.6% \$ 7,234*
23	Univ. of Wisconsin, Madison	12.7% \$ 5,580*
	Washington Univ. (Mo.)	12.7% \$11,400
25	Emory Univ. (Ga.)	10.9% \$10,050
	Univ. of Texas, Austin	10.9% \$ 3,991*

Note: Ratings are percentage of presidents naming school in top 10 of their category and are based on a 53.9 percent response rate, with 110 of the 204 presidents surveyed responding. \*Tuition is for out-of-state students. In-state tuition are: U. Calif. Berkeley \$1,476; U. Mich. \$2,684; U.N.C. \$504; U. Va. \$2,350; William and Mary \$2,750; U. Tex. Austin \$871; U. Wisc. Madison \$1,870; U. Ill. Urbana-Champaign \$1,046. USNR87

## Extending the limits of Thai contemporary art

### ART REVIEW

by Jirapat Pitproecha

WHERE can one find paintings, sculptures, silkscreen prints, assemblages, video art and installations simultaneously on display in a one-man show?

The answer lies in Apinan Poshyananda's latest series of works entitled Blue Laughter, Part Two, at the National Gallery, Chao Fah Road.

Apinan is one of a generation of artists whose concern with the issue of "art about art" has been widely criticized in the art

world. Blue Laughter, Part Two, which opened on Thursday evening and remains on view until July 10, is an expanded version of Apinan's solo show earlier this year at Cornell University in Ithaca, New York.

The rejection of old values in order to replace them with innovative ideas is the artist's right in seeking appropriate "media" for his artistic expression.

BANGKOK POST  
July 2, 1987

USA TODAY  
May 8, 1987

## Colleges pave way for more blacks

By Pat Ordovensky  
USA TODAY

The USA's college presidents today take steps to get more blacks onto campuses and make life better for them while they're there.

A program to be announced by the American Council on Education aims to attract more black students and faculty and to prevent racial harassment of

the kind that recently forced a black student to leave The Citadel in Charleston, S.C.

The council, representing most college presidents, wants to "create a welcome and supportive climate" for minorities, says Chairman Frank Rhodes, Cornell University president.

A council survey shows black enrollment dropped 3.3 percent and black faculty 4.3 percent from 1981 to 1985.

The new program will:

- Create a commission of political, business and education leaders to look at the problem and issue a report by fall.

- Develop a handbook, available by January, spelling out ways to recruit and retain minority students and faculty.

- Convey its concerns to a panel preparing a report on higher-education issues for the 1988 presidential campaign.

THE PITTSBURGH PRESS  
May 10, 1987

## Workers

### Illiteracy harbinger of a class society?

By Don Hovey

The Pittsburgh Press

YOU CAN ALREADY see the evidence on the cash register keys at some fast food restaurants.

A picture of a cheeseburger is on one key. Others have simple renderings of a fish sandwich, french fries or the internationally recognized logos of Coke and Pepsi.

Those soft drink logos are meant not to be read, but, like the food pictures, meant to be easily recognized by an increasingly illiterate work force ill-matched to the service-based job market.

About 20 million new jobs will be created in the United States by the year 2000. Nine of every 10 will be in the broadly classified "services industry."

A vast majority of those jobs — along a broad skill spectrum from management to flipping hamburgers — will require varying levels of cognitive, reasoning, math, and communications skills. Many will also require post-secondary training.

But statistics indicate too many workers won't have those skills or training — and won't qualify for the jobs.

Consider these U.S. Labor Department numbers:

- The work force in the U.S. today includes about 23 million functional illiterates who cannot read at a fourth grade level.
- There are another 40 million workers who can read at only a ninth grade level and can be described as marginally functional.

Fitting this growing, ill-prepared portion of the work force into a work place that becomes more technologically advanced every day is akin to wedging the square peg into the round hole.

By the turn of the century, this mismatch of workers to work available could produce a crisis in employment with the potential to create a class society, says Vernon Briggs, a Cornell University professor and chairman of the National Council on Employment Policy.

## Reagan's Effect on Politics and Presidency Debated

By Thomas B. Edsall  
Washington Post Staff Writer

CHICAGO—For Theodore Lowi, a professor of political science at Cornell, the conservative movement that flowered with the 1980 election of President Reagan remains a vital force.

"The stakes are high, and the liberals are losing their shoes," he said, arguing that the long-range consequences of the Iran-contra scandal may be to strengthen those who would lift congressional re-

strictions to permit a powerful presidency "on the wartime model."

One of Lowi's colleagues at Cornell, Benjamin Ginsberg, said, however, that "the political forces of the moderate and liberal left" have successfully used the news media, the Democratic Senate and the judiciary "to bring the executive under siege and to undermine the presidency" through the Iran-contra affair.

The conflicting views of Lowi and Ginsberg reflected the clear lack of a consensus on such basic issues as the strength of conservatism and

liberalism, and the consequences of the Iran-contra scandal on the presidency among those attending the 83rd annual meeting of the American Political Science Association.

A number of political scientists in varying ways downgraded the long-range ideological and partisan consequences of Reagan's election and the mobilization of conservative forces during his administration.

"No one can demonstrate that the leadership of the right has moved public opinion . . . The program of the right does not have political

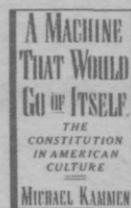
support," said Warren E. Miller of Arizona State University. "Without Iran-contra, Reagan would have left the presidency with a real impact on the way elites regard the presidency. That has been irretrievably damaged. It [the scandal] has set the 'imperial presidency' back."

THE WASHINGTON POST  
Sept. 7, 1987

TIME  
July 6, 1987

## Bicentennial Samplings

A MACHINE THAT WOULD GO OF ITSELF  
by Michael Kammen  
Knopf; 532 pages; \$29.95



Like any earthly matter, the Constitution has three forms: the solid text of the framers, the more fluid interpretation of the courts and a sort of glowing gas perceived by the public. That last Constitution, misquoted, rhapsodized over and construed to endorse the passions of the moment, is the subject of this imaginative book by a Pulitzer-prizewinning Cornell University historian, Michael Kam-

men. Kammen rummages through two centuries of sources, including news clippings, speeches, textbooks and public opinion polls, to gauge how Americans have regarded their own charter of government.

Among other things, he offers a timely reminder that debate over the intent of the framers began with the framers themselves. Consensus on the virtues of the Constitution was slow to build and subject to rupture over passionate issues such as slavery and workers' rights. In 1843 the abolitionist William Lloyd Garrison termed the document a "Covenant with Death and an Agreement with Hell." Early in this century, historians like Charles Beard tried to brand its provisions the work of a privileged few seeking to defend their property. The document was not made, one Beard follower wrote, "by the kind of men whom we believe made it." But it was too late: Americans by that time had, for the most part, agreed to venerate the Constitution, if not always to read it, all the while squabbling over provisions they may not have glanced at since high school.

## Shotgun's Blast May Create New Forms of Life

It may be possible to transform rice, corn and possibly animals.

By MALCOLM W. BROWNE

**W**ORKING with a miniature shotgun that blasts gene fragments into the cells of living organisms, scientists believe they have hit upon a powerful technique for engineering new forms of life.

Theodore M. Klein and his colleagues at Cornell University and the New York State Agricultural Experiment Station at Geneva, N.Y., have

successfully fired foreign genetic material into living onion cells, they report in the journal *Nature*. By so doing, they say, they have genetically modified the onion cells to manufacture proteins, including crystals of tobacco mosaic virus, alien to the cells' natural makeup.

The investigators say their novel shotgun technique may be especially useful for creating improved strains of rice, wheat and corn, the world's three most important food crops. Eventually, Dr. Klein said in an interview, shotgun-fired gene implants may be inserted into animal and bacterial cells as well as plant cells.

THE NEW YORK TIMES  
May 26, 1987

## RESEARCH NOTES

### Researchers Develop 'Artificial Dog' for Raising Fleas in the Laboratory



A feline visitor to a Cornell laboratory inspects rows of "artificial dogs," glass-and-membrane feeders resting on stacks of sieves.

An "artificial dog" designed to raise fleas in the laboratory has been developed by researchers at the Cornell University college of veterinary medicine.

The apparatus, capable of maintaining thousands of fleas, consists of a double-walled glass feeder filled with blood and warmed by circulating water heated to 37 degrees centigrade. The fleas feed by piercing a plastic and paraffin membrane—a substitute for animal skin—that is stretched across the bottom of the feeder's inner chamber.

Susan E. Wade and Jay R. Georgi, veterinary parasitologists at Cornell, developed the "artificial dog" for their research on fleas. They raised several generations of fleas in succession in

their apparatus, a feat that had never before been accomplished in an artificial environment, they said.

"It's more complicated than you might think to raise fleas for scientific purposes," said Ms. Wade. "For one thing, they're difficult to keep track of on living animals, and their eggs fall off on the floor. We wanted to develop a self-contained artificial environment that is as similar as possible to a dog, where we can study the fleas and retrieve them afterwards."

—KIM McDONALD

THE CHRONICLE OF HIGHER EDUCATION  
June 24, 1987

## Farm-sitting: a new way of life for ex-farm owners

The Drexlers' business keeps them close to the cows and barns they love

By Metta Winter  
Special to The Christian Science Monitor

Ithaca, N.Y. "We were in a horrible hole," says Paulie Drexler as she thinks back to August 1985.

She and her husband, Ed, had just sold off the last of their 180 dairy cows. A bacterial infection had decimated their once-thriving herd. For seven years they had tried to establish a family farm. Now they were selling the land, too; calling it quits.

"We were right back to Square 1," says Ed Drexler. But they didn't stay there very long.

After a few months of selling Christmas trees and firewood, the Drexlers realized how much they missed the animals. "We began to look for a way to market the skills we had and not leave the cows behind," says Paulie Drexler.

CLAUDE LEVET, COURTESY OF CORNELL UNIVERSITY



Ed and Paulie Drexler (l.); John and Colleen Werbela (r.)

dairy cattle for a week or two requires a good deal of confidence in those minding the barn. The Drexlers, with a combination of their own farming experience and animal science degrees from Cornell University, pride themselves on offering a reliable management service.

THE CHRISTIAN SCIENCE MONITOR  
Oct. 26, 1987

## Back to School, Family Style

Cornell Offers a Summer Study Program for Adults and Their Children

By Dea Adria Mallin  
Special to The Washington Post

**S**o you've always wanted to go to college, even an Ivy League school. It's not too late. In summer, many colleges across the nation open their classrooms to part-time students—families, teen-agers, senior citizens—who are attracted to the idea of a learning vacation.

The types of programs available are as diverse as the institutions that offer them, both private and public colleges and universities large and small.

There are youth academies for talented high school students eager to get a head start on college, both in academic pursuits and in sports. Many colleges have set up continuing education programs for former graduates and their families, tempting them back to campus with something more substantial than a football game. Elderhostel is a long-established (and inexpensive) program of on-campus study for seniors age 55 and older.

One of the oldest and largest programs for families is offered on the beautifully scenic campus of Cornell

University, a traditional Ivy League school in Ithaca, N.Y.—in the midst of the state's famous Finger Lakes region. Since 1968, the university has been welcoming adults and youngsters to a series of week-long special summer classes in what is called the Cornell Adult University. Many colleges have summer programs for their graduates, but Cornell's program is open to anyone.

THE WASHINGTON POST  
May 12, 1987

## The Compositions of Cornell's Husa: Music Well-Suited for Extraordinary Times

ITHACA, N.Y.

In the bursts of percussion and brass that open Karel Husa's score for the 1980 ballet *The Trojan Women*, you can hear flames consume the last of Troy. In the dark, low rumbles that follow, you can hear the glowing embers that alone remain to mark the city's site.

So compelling a representation marks Mr. Husa, a professor of music at Cornell University, as a composer of both imagination and skill. But it also testifies to his talents as

an observer of the world around him. "It is actual to me," he says of the destruction that opens the ballet. "The same thing happened in Czechoslovakia in 1942, during the Nazi occupation. It was a little village that had some connection to resistance broadcasts. And it happened again in Beirut five years ago."

Indeed, the music that forms in Karel Husa's head—and that later plays in the concert halls of the orchestras and ensembles and quartets

for which he composes—is music well suited to the extraordinary times in which he has lived. It is music of wonderment and destruction; it is music virtuosic in its requirements for performers and cerebral in its demands on listeners; it is music inspired and defined by its attempts to explore new relationships among instrumental sounds.

THE CHRONICLE OF HIGHER EDUCATION  
Sept. 9, 1987

# Job Opportunities

November 12, 1987  
 Number 43  
 Office of Human Resources  
 Cornell University  
 160 Day Hall  
 Ithaca, New York 14853-2801

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

**-THANKSGIVING HOLIDAY SCHEDULE:** Requisitions received through noon Thursday, November 12, will be posted in the Thursday, November 19 "Job Opportunities" list. Requisitions received after noon Thursday, November 12, through noon on Wednesday, November 25, will be posted December 3, due to the Thanksgiving Holiday (no Chronicle on Thanksgiving, Thursday November 26). Hiring freeze begins December 3, 1987 through January 4, 1988.

-Send cover letters & resumes to Staffing Services, 160 Day Hall, Cornell University, Ithaca, NY 14853.

-Employment & employee transfer applications forms are available at both Staffing Services locations-160 Day Hall & East Hill Plaza.

-Requests for referral &/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO. Terminals are situated in main lobbies of Day Hall & Gannett Clinic, & the Olin, Mann & ILR Libraries.

## Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

### SYSTEMS ANALYST I (PT4301) Animal Science

Provide tech. assistance for remote customers with application program svcs., personal computer hardware & software & with links between PC's & mainframe, assist with design of system plans, application program plans & forms design. Recommend changes for application programs, computer hardware, intralab procedures & environ.

Req.: BS in animal sci./computer sci. Exp. with PC's &/or PC software highly desir. Dairy bkgnd. highly desir. Letter & resume to Judi Deane by 11/27.

### RESEARCH SUPPORT SPECIALIST I (PT4303) Animal Science

Collect data from 12-18 dairy farms. Summarize data from farms using computer to access DHI for farm records. Work independ. on farm sites of participating dairymen. Until 11/1/88.

Req.: BS in animal sci. MS in animal sci. or equiv. pref. Bkgnd. in dairy production & dairy mfg. pref. Dairy farm & computer exp. pref. Knowl. of rotation formulation desir. Exc. interper. & comm. skills. Letter & resume to Judi Deane by 11/27.

### EXECUTIVE STAFF ASST. (PC4302) Graduate School

Provide admin. assist. to Off. of Grad. Asst. Dean of Minority Affairs. Help organize & run Summer Minority Research Participation Program; prepare & write reports; assemble stats.; coord. Asst. Dean's activities.

Req.: BA or equiv. pref. Exc. org. & comm. (oral/written) skills. Familiar with IBM PC & able to use interactive computer helpful. Letter & resume to Esther Smith by 11/19.

### SALES MANAGER (PA4304) Statler Hotel & Conference Center

Resp. for sales revenues & guest counts in conference, banquet & guest room areas of hotel & secures same by selling hotel facilities to regular & new clients. Irregular hrs.; evening & weekends.

Req.: BS Hotel Admin. pref.; Ext. exp. in hospitality industry; working knowl. of computer/ WP equip.; exc. oral/written comm. skills. Letter & resume to Cynthia Smithbower by 12/1.

### MATERIAL PROCUREMENT COORD. (PG4201) M&SO

Coord. requisitioning & job site delivery of materials listed by estimating dept. for 10 shops. Maintain & expand vendor list. Coord. & review continuously commonly used items & stocking of same in shops &/or General Stores.

Req.: AAS in Busn. Mgmt., Constr. Tech. or related field. Min. 5 yrs. exp. in constr. industry. Pref. in univ. research environ. Able to read blueprints & familiar with computers a plus. Demonstrated exc. comm. skills & broad understanding of construction materials. Letter & resume to J. Courtney Fletcher.

### BUDGET ANALYST II (PC4202) Budget Mgmt. Office

Provide analytical & tech. support in development, implementation, maint. & regulation of univ. budget process.

Req.: BA, pref. in busn., finance or related field. Min. 2-3 yrs. related exp. Strong comm. (oral/written) & interper. skills. Familiar w/ micro-computers pref. Letter & resume to Esther Smith by 11/16.

### APPLICATIONS PROGRAMMER/ANALYST II (PT4204) Controller's/Accounting

Provide interactive systems applications prgrmg. & analysis support for various financial systems. Assist in insuring effective use of computer resources.

Req.: BA or equiv. related computer courses. 2-3 yrs. exp. in prgrmg. application & systems, COBOL, ADABAS, BATCH & VM/CMS interaction, JCL, mainframe, IBM & micro-computers. Good interper., org. & comm. skills. Letter & resume to Judi Deane.

### SYSTEMS ANALYST III (PT4208) Quality Milk Promotion Svcs.

Stat. analysis of biol. & epidemiology research data incl. survey & regression analysis & other stat. applications approp. for scientific research. Assist in questionnaire develop. & analysis; analyze data for Program & sponsored projects; design, develop., implement & document computer applications development.

Req.: BA or equiv. exp.; MS in stat. or equiv. stat. expertise pref. 2-3 yrs. exp. in analytical/ problem solving, incl. micros & planning micro systems, multitasking or networking. Database

exp. important. Strong interper./mgmt./comm. skills. Knowl. of applications incl. word processors, database mgmt. systems, operating systems & IBM compatible hardware, SAS software & mainframe. Letter & resume to Judi Deane by 11/20.

### TECHNICAL ADVISOR (PT4203) Theory Center

Advise Theory Ctr. & remote users of Theory Ctr. facilities on network planning, engr., implementation & use.

Req.: BS; familiar w/ at least 1 scientific discipline desir. 5 yrs. exp. w/ computer networks. Ext. knowl. of TCP/IP & ISO protocols & awareness of current developments. Solid exp. prgrmg. in C in UNIX environ.; knowl. of how TC/IP networks behave. Letter & resume to Judi Deane by 11/20.

## Clerical

**REGULAR EMPLOYEES** Submit an employee transfer application, resume & cover letter. Career counseling interviews are available by appt. **EXTERNAL APPLICANTS** Submit an employment application & resume to Esther Smith or Laurie Worsell. Interviews are conducted Tues. & Wed. at Staffing Services, East Hill Plaza by appt. only. Qualified applicants will be contacted after materials are reviewed.

### BINDING ASST., GR16 (C4217) Olin Library

Prepare books & serials for commercial binding. Pre-microfilm processing; preservation photocopy; oversee student assits. in bookmarking & security systems; assist in training programs & other units of Conservation dept.

Req.: H.S. dip. or equiv. Some college coursework. Previous lib. or binding exp. pref. Strong comm./interper. skills. PC skills. Able to identify priorities. Med. typing. Min. Biweekly: \$401.78

### OFFICE ASST., GR17 (C4310) Purchasing

Record, type & distribute all endowed purchase orders; file; resolve billing problems on Blanket Purchase orders.

Req.: H.S. dip. or equiv. Accurate typing skills. Good org. & phone skills. Knowl. of CU system desir. Med. typing. Min. Biweekly: \$421.81

### TELEPHONE/RECEPTIONIST, GR17 (C4301) Undergraduate Admissions

Answer 3 main phones & back up front desk receipt; data entry of admissions inquiries.

Req.: H.S. dip. or equiv. Knowl. of CU a plus. Some phone exp. Knowl. of data entry/ computers. Exc. interper./comm. skills. Lt. typing. Min. Biweekly: \$421.81

### SECRETARY, GR18 (C4309) Coop. Extension

Sec./computer support for 3 Ext. Rep's. Type & edit corresp., reports, forms, contracts, etc.; maintain calendars; schedule appts.; arrange conferences & mtgs.; org. & maintain files & survey materials; electronic mail; work independ. with self-initiative.

Req.: H.S. dip. or equiv. Sec. school desir. Min. 1 yr. sec. exp. Good typing, org. & comm. skills. Computer knowl. & interest (IBM PC, Wordperfect, Lotus). Able to work well with a variety of people. Confidentiality essential. Heavy typing. Min. Biweekly: \$443.13

### SECRETARY/RECEPT., GR18 (C4307) Human Ecology Admissions

Sec. support for busy admissions offc. using Wordperfect & Dbase III. Welcome & assist with prospective applicants calling, writing & visiting; maintain offc. calendars; assist with travel & reimbursement arrangements; process applications; keep visit records; maintain supply inventory; prepare mailings; track responses.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 1-3 yrs. exp. Exc. typing, WP, editing & interper. skills. CU exp. pref. Able to set priorities & work in complex, active environ. DBASE skills extremely helpful. Med. typing. Min. Biweekly: \$443.13

### SECRETARY, GR18 (C4106) Agricultural Economics

Provide admin./sec. & research support for 2 professors involving programs in teaching, research & extension. Type & edit manuscripts.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1-3 yrs. exp. Able to type/edit manuscripts. Knowl. of Word/Wordperfect & its use on an IBM-PC or similar equip. desir. Med. typing. Min. Biweekly: \$443.13

### PRODUCTION ASST., GR19 (C4316) CU Press

Assist with scheduling books, type dept. corresp. for 4 people; recordkeeping.

Req.: AAS or equiv. Good typing & comm. skills. Prior exp. in publishing helpful. Knowl. of PC also helpful. Med. typing. Min. Biweekly: \$470.80

### ADMINISTRATIVE AIDE, GR20 (C4306) Geological Sciences

Admin. asst. to Chairman & Admin. Mgr. Heavy typing with complicated formulas. WP on IBM PC, Macintosh; answer phone; handle mail; gen'l. offc. assistance.

Req.: AAS or equiv. IBM PC-XT, Wordperfect, Mac (helpful but not nec.). Editing exp. helpful. Strong org., interper. & comm. (written/oral) skills. Heavy typing. Min. Biweekly: \$496.80

### SECRETARY, GR20 (C4303) Chemistry

WP, database entry & computer-aided tech. drawing for Professor & research group. Phone; mail; file; travel & appt. mgmt.; lib. research.

Req.: AAS or equiv. Min. 1-2 yrs. exp. with WP, graphics & spreadsheet software. Exc. org., interper. & comm. skills. Heavy typing. Min. Biweekly: \$496.80

### OFFICE ASST., GR20 (C4304) Communications Services-Geneva

Resp. for distribution & mailing operation to, from, & within the Station. Handle literature requests; typesetting requests; serve as Xerox key operator.

Req.: AAS in busn. admin., sec. or computer sci. pref. Some admin./sec. exp. Able to work

with customers & gen'l. public. Good working knowl. of Eng. Knowl. of computers. Lt. typing. Min. Biweekly: \$495.35

### ACCTS. ASST., GR20 (C4001) Conference Services

Develop & maintain accurate acctg. records. Process personnel & payroll forms; provide invoicing & financial reporting.

Req.: AAS in acctg. or equiv. Min. 2-3 yrs. CU acctg. exp. Knowl. of IBM PC, Lotus 123, DBase & Wordperfect helpful. Good interper./comm. (written/oral) skills. Set priorities & work in complex, active environ. Min. Biweekly: \$496.80

### ACCTS. ASST., GR20 (C4110) Chemistry

Create, analyze, present monthly acct. reports to faculty members/Bus. Mgr. Prepare grant budgets & reports, assist in ad hoc/overview report presentation. 1 yr. appt.

Req.: AAS or equiv. Coursework in acct. or bkkpng., algebra. Min. 2 yr. acct. exp. in offc. setting w/significant people contact. Basic micro-computer knowl. & exp. w/database/spreadsheet appl. Accuracy/attention to detail essent. Lt. typing. Min. Biweekly: \$496.80

### ACCTS. COORD., GR24 (C3915) Controller's/Accounting

Acctg. for & prep. of all financial data according to restricted accts. guidelines from outside funding agencies; establish accts.; monitor expend. & prepare monthly, quarterly & annual reports as req.

Req.: BA in acctg. or equiv. Min. 2-3 yrs. exp. CU exp. desir. Min. Biweekly: \$625.43

## General Service

**REGULAR EMPLOYEES** Submit an employee transfer application to Staffing Services, East Hill Plaza. **EXTERNAL APPLICANTS:** Employment applications are available at Staffing Services, East Hill Plaza 9-noon, Mon.-Thurs.

### DELIVERY DRIVER, SO18 (G4301) Media Services-Statutory

Provide courier & delivery svcs. with dept. vehicle for clients. Back-up bindery & shipping staff.

Req.: H.S. dip. or equiv. Lift 60 lbs., NYS driver's lic. Knowl. of CU campus helpful. Mon.-Thurs. 8-4:30; Fri. 8-4. Min. hourly: \$5.96

### CUSTODIAN, SO18 (G4302) Plantations-Statutory

Resp. for garden maint. & installation (half-time) custodial svcs. for 4 bldgs. (half-time) & winter snow removal. Mon.-Fri. 6:00-2:00.

Req.: H.S. dip. or equiv. AAS plus 2 yrs. exp. in hort. pref. Previous janitorial exp. Familiar with culture & identification of wide range of herbaceous & woody plants. Work independ., lift 50 lbs. & have NYS driver's lic. Min. hourly: \$5.96

### BINDERY OPER./PRINT MACHINE OPER., SO23 (G4304) Graphic Production-Endowed

Operate & maintain bindery equip., e.g. 42" computerized guillotine cutters, 3 section paper folders, & fork lift equip. Receive & maintain inventory of stock. Mon.-Fri. 8-4:30.

Req.: H.S. dip. or equiv. 2 yrs. exp. in commercial bindery using Baum folders & large computerized cutters. Able to lift 75 lbs. Min. hourly: \$7.74

## Technical

**REGULAR EMPLOYEES:** Submit an employee transfer application, resume & cover letter. **EXTERNAL APPLICANTS:** Submit an employment application, resume, & list of laboratory techniques/equipment, or computer languages/hardware with which you are familiar. Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Deane 160 Day Hall. The following backgrounds are highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech.

### TECHNICIAN, GR18 (T4201) Diagnostic Lab

Resp. for tissue handling, serum splitting, data processing & clerical tasks. Handle & process potentially hazardous animal specimens. Asst. in various operations projects.

Req.: AAS pref. Some exp. in lab setting essent. Medical bkgnd. helpful. Able to adapt to changing priorities & work closely w/variety of people. Apply by 11/20. Min. Biweekly: \$443.13

### TECHNICIAN, GR18 (T4204) Genetics & Development

Maintain stock collection (frozen & growing) of *Tetrahymena thermophila*. Order & org. lab supplies.

Req.: BS or equiv. Some lab exp. desir.; familiar w/Mac. computers desir. Good comm./interper./org. skills. Apply by 11/13. Min. Biweekly: \$443.13

### TECHNICIAN, GR18 (T4207) Food Science

Run analytical tests on dairy products. Test procedures incl. Kjeldahl nitrogen, moisture, salt, fat & other constituents of milk & dairy products. Enter data in computer, prepare analytical reagents & clean glassware. Until 10/88.

Req.: BS in food sci., chem., biochem. or related area. Exp. w/Kjeldahl analysis, IBM PC's & Lotus 123 desir. Apply by 11/20. Min. Biweekly: \$443.13

### RESEARCH AIDE, GR18 (T4302) Entomology

Asst. in lab & field research effects on parasitoids of biting & non-biting flies. Rear insect stock colonies, maintain lab & assist in exp. design, set-up & data collection. 1 yr. possible renewal.

Req.: BS in bio. or equiv. exp.; eligibility for NYS certified commercial pesticide applicator's lic.; valid driver's lic. Exp. with insect rearing &

ID nec. Exp. with dairy cattle or other large animals desir. Apply by 11/19. Min. Biweekly: \$443.13

### TECHNICIAN, GR19 (T4205) Entomology

Rear black flies for studies of arthropod-transmitted filarial parasites, emphasis on *Onchocerca* species. 1 yr. renewable.

Req.: BS in biol. sci. or related field. 1-2 yrs. exp. Black fly culture exp. Apply by 11/20. Min. Biweekly: \$469.53

### TECHNICIAN, GR19 (T4206) Entomology

Assist in entomological-parasitological research lab. Prepare in-vitro systems for culture of human parasite & aid in maint. of filarial susceptible strains of black flies & mosquitoes. Until 7/31/88; renewable if funded.

Req.: BS in biol. sci. or entomology. 1-2 yrs. exp. Cell-tissue culture exp. desir. Apply by 11/20. Min. Biweekly: \$469.53

### TECHNICIAN, GR22 (T4303) Food Science & Tech.-Geneva

Prepare & can vegetables. Conduct texture measurements in lab & compile & summarize data. 15 mo. appt.

Req.: BA/BS Food processing tech., computer knowl., food engr. desir. Apply by 11/20. Min. Biweekly: \$554.63

## Part-Time

### STACKS ASST., GR16 (C4311, C4312) Access Services-Olin Library

Prepare existing & new areas of collection for add'l. shelving areas to be added to Olin Lib.; duties incl. moving & shelving books & hanging shelves. 20 hrs./wk. 1 yr. appt., possible renewal.

Req.: H.S. dip. or equiv. Good physical strength & org. skills. Skill with detail work. Min. full-time equiv.: \$401.78

### MAIL CLERK, GR17 (G4303) Human Ecology Administration

Assist with mail duties, incl. U.S., campus mail, pkgs., etc. Resp. for key control, cash deposits, dept. vehicle, postage meters, & maint. calls on equip. Help unload trucks.

Req.: H.S. dip. or equiv. NYS driver's lic., lift 100 lbs. 2 yrs. exp. in mail room pref. Record-keeping & math skills. Exp. operating fork lift & standard shift vehicles. Good customer contact exp. Mon.-Thurs., 11-5; Fri., 11-4. Able to come in as needed. Min. full-time equiv.: \$420.76

### SECRETARY, GR17 (C4314) ILR Extension & Public Service

Sec. support to Employee Assistance Ed. & Research Program. Transcribe corresp., confidential research tapes, manuscripts, & class materials from machine or hand-written copy using IBM PC-XT or typewriter; conduct ext. lib. research; prepare travel vouchers. Until 3/31/88 probably through 3/31/90.

Req.: H.S. dip. or equiv. Min. 1-2 yrs. related exp. Good org. & comm. skills. Attention to detail. Familiar with lib. resources. PC exp. or willingness to learn. Med. typing. Min. full-time equiv.: \$420.76

### SECRETARY, GR18 (C4315) Ext. Adm./Sea Grant

Utilize IBM word processor/computer for offc. corresp., manuscripts; maintain offc. records, database mgmt., special report development & electronic mail mgmt.; offc. receipt. back-up. 5 days/4 hrs.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1 yr. exp. with IBM WP/PC computer, database mgmt. & electronic mail software. Min. full-time equiv.: \$443.13

### OFFICE ASST., GR18 (C4203) Ornithology

Provide gen'l. admin., offc. & sec. support for Dir., Bioacoustic Research Program. Answer phones; type; & file corresp. Hrs. negotiable.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Some offc. exp. Good interper. & pc/WP

skills. Database mgmt. & spreadsheets systems helpful. Good phone skills essen. Able to work independ. Accuracy & attention to detail essen. Med. typing. Min. Biweekly: \$443.13

### EDITORIAL ASST., GR20 (C4221) Romance Studies

Copy editing & production coord. Work with complex literary, & serve as liaison between editors, contributors & publishers.

Req.: BA; lit. degree useful. Knowl. of IBM & Mac WP's. Min. Biweekly: \$496.80

## Temporary

Experienced & skilled individuals specifically interested in temporary clerical/secretarial work can contact Lauren Worsell (255-7044).

### RESEARCH TECHNICIAN (T4301)

Conduct polamine analysis by HPLC. Req.: BS; MS pref. 2 yrs. exp. in analytical chem., biochem. or bio. with strong emphasis on chemical aspects. HPLC exp. desir. 15 hrs./wk. 9 a.m.-noon, Mon.-Fri. until 9/30/88. Letter & resume to Prof. P. Davies, Plant Science Bldg., Room 228.

### COMPUTER OPERATOR (T4202) Computer Services

Manage computing facility. Log users on/off computer, answer questions, handle minor software problems. 18 hrs./wk. 12 p.m.-4:30 a.m.

Req.: Familiar with IBM PC, proficient in Wordperfect. Knowl. of Mac. SE essent. Basic knowl. of CMS. Able to work without supv. Letter & resume to Judi Deane.

### RESEARCH AIDE (T4209) Food Science

Conduct lit. search concerning role of lipids, esp. polyunsaturated fatty acids in nutrition & their effects on eicosanoids & physiological functions; summarize data & write reports.

Req.: BS nutrition/food/biochem. Knowl. of lipid biochem. & metabolism. Lib. research & WP skill req. Demonstrated ability to summarize tech. lit. & aptitude for writing reports. Approx. 3 months. Letter & resume to Judi Deane.

### CHIMES ASST. (C4003)

Clerical support for donors, visitors, alumni. Maint. files, find prices on tower & chimes equip./supplies. Help arrange mtgs. for donor groups & Development Offc. Assist Chimes Council & Hd. Chimesmaster: corresp., mtgs., communications. Letter & resume to Laurie Worsell. 10 hrs./wk. flexible for 1 yr.

### ACCTS. ASST. (C4006) Restricted Fund Accounting

Audit expend. documents for grants & contracts, in CU State Colleges. Incl. vouchers, reqs., ID's & effort change forms. File, answer phones & other duties as assigned. Until approx. 2/1/88.

Req.: H.S. dip. or equiv. College courses in busn. pref. Strong oral/written comm. skills. Able to meet deadlines & work in a busy environ. Letter & resume to Laurie Worsell.

### COLLECTIONS REPRESENTATIVE (C3910) Bursar/Collections

Collect delinquent student loans & Bursar accts. thru written/phone comm. Locate borrowers thru "skip tracing" techniques. Part-time; T, W, TH 4:30-8:30 p.m.

Req.: H.S. dip. or equiv. Good written/phone comm. skills. Collection exp. pref. Letter & resume to Laurie Worsell.

### OFFICE ASST. (C3909) Nutrit'l. Sciences

Assist administrator w/bkkpng. & report prep. resp. for mgmt. of int'l. nutrition/food policy program. Temp. to 6 months.

Req.: H.S. dip. or equiv. AAS



John Hsu

## Hsu to conduct 2 concerts here

John Hsu will conduct Cornell musicians in two concerts of symphonic music this weekend and next.

The Cornell Chamber Ensemble will present a concert of three chamber symphonies by Haydn and Mozart on Nov. 14 at 8:15 p.m. in Barnes Hall auditorium. And the Cornell Symphony Orchestra will perform "Rosamunde" by Schubert, "Romeo and Juliet" by Tchaikovsky and Symphony No. 1 in B Major, Op. 38, by Schumann during a concert on Nov. 21 at 8:15 p.m. in Bailey Hall. Admission to both concerts is free.

Although known primarily as a player of the cello, viola da gamba and baryton, Hsu has been conducting since the age of 16 when he was named choirmaster of the Community Church Chancel Choir in Shanghai. He held that position for two years until he came to study in this country.

In recent years, Hsu's conducting has been related to his work as director of the Aston Magna Festival, director of the Cornell Collegium Musicum and director of the Cornell Symphony Orchestra while its director, Edward Murray, is on sabbatical leave.

## Graduate Bulletin

**Foreign Language and Area Studies Fellowship** applications for 1988-89 are now available in the Graduate Fellowship Office, 116 Sage Graduate Center. Application deadline is Jan. 22, 1988.

**Travel Grant Applications** are due at the Graduate Fellowship Office, Sage Graduate Center, by Dec. 1 for February conferences. Limited funding available to help with the costs of travel, food and lodging. Full-time registered students in the Graduate School who have been invited to present papers at conferences are eligible to apply. Those who have not received confirmation that their papers have been accepted may make tentative application and provide documentation as soon as it is available.

**Reduced Tuition:** Registered doctoral candidates who have completed six units of residence at Cornell, have passed their Admission to Candidacy Examination, and are no longer taking courses are eligible for reduced tuition.

## Photographer to give lecture

New York Photographer Judith Turner, author of "Judith Turner Photographs Five Architects" (1980), will give a lecture on the photographs from her latest book, "Annotation Ambiguity: Photographs of Architecture" on Nov. 13 at 4 p.m. in 115 Olive Tjaden Hall.

Some of Turner's photographs are on view at the John Hartell Gallery, Sibley Dome, through Nov. 20. The gallery is open from 8 a.m. to 5 p.m.

For two weeks, the Hartell Gallery is displaying "The Capitol in Albany," a series made after Turner, William Clift, Stephen Shore and Dan Weaks were invited to document the New York State Capitol building in Albany during its recent restoration. What emerged was four very different artistic approaches to photographing architecture. The work of all four artists is on exhibit.

In recent years, Turner has had numerous solo exhibitions, including ones at the Axis Gallery in Tokyo, the Tel Aviv Museum in Israel, the International Cultural Center in Antwerp and the International Center of Photography in New York City.

## Bones *Continued from page 1*

In his chapter, the Cornell anthropologist describes the causes and results of dozens of bone-stressing tasks that leave permanent marks on skeletons. Among the markers chronicled from Kennedy's work and that of others dating back to the 19th Century are:

- Milker's neck, a compressive fracture of the cervical spine caused when cows shift position and lean on the milker's head.
- Osteoarthritis of the spine, afflicting Acapulco cliff divers who repeatedly hit the water head first.
- Cowboy thumb, a fracture from gripping the saddle horn while flying off the saddle in rodeos or while riding mechanical bulls in barrooms.
- Dog-walker's elbow, from walking a dog on a short leash when the animal is not trained to heel.
- Hooker's elbow, the result of ice-fishing.
- Executive foot, from sitting at a desk with the heels off the floor and weight on the toes.

One source of information on occupational stress markers is found at Cornell in the bones of a 3,000-year-old Egyptian mummy named Penpi. The mummy, which was donated to the university in the late 1800s, is the remains of a young man who worked as a scribe. Kennedy and graduate student Thomas Plummer determined in 1983.

Years of clutching a stylus while writing in clay stressed a ligament and left distinctive "lines of attachment" on bones of Penpi's right index finger. Examination of Penpi's skeleton also revealed that he repeatedly sat cross-legged — as scribes were known to do — and that he suffered toothaches and yaws, a tropical disease.

**Reconstructing ancient lifeways**  
Kennedy said his interest in markers of

occupational stress was "reawakened" in 1977 when he viewed an unidentified skeleton in the Smithsonian Institution office of the late anthropologist J. Lawrence Angel. Unusually robust muscles were attached to the skeleton's collar bones, and that led Angel to suggest the man had played the trombone or trumpet. His observation contributed to the correct identification of a deceased musician.

"When people think of occupational stress on the skeleton, they picture bow-legged cowboys and long-fanged vampires," Kennedy said. "But markers of occupational stress have scientific importance for industrial and athletic medicine."

"Knowing how bones and teeth react to stress helps paleontologists and paleodemographers reconstruct lifeways of people who died thousands of years ago and, for forensic anthropologists, of those who are more recently deceased."

**Identifying unknown bones**  
Not all the modern skeletons brought to Kennedy for forensic examination are crime victims. Some are the remains of unidentified or missing persons, and the anthropologist's opinion has been asked on the bones of cattle, dogs and even a donkey. Kennedy has helped to determine whether a skeleton found on a Pacific island belonged to the missing aviatrix Amelia Earhart (it didn't) and which skull should be reunited with the rest of Swedish philosopher Emanuel Swedenborg (one of two in England was his).

At Cornell, Kennedy teaches biological sciences courses in human paleontology, human biology laboratory methods and human evolution.

Earlier this year, he was named a Fellow of the American Academy of Forensic Science and was honored with the 1987 T. Dale Stewart Award in Forensic Anthropology from that academy.

Forensic examination of modern remains is a consulting sideline for the anthropologist. More of his research efforts are directed at excavations in Pakistan, Sri Lanka and India, where he works with the earliest Homo sapiens remains in South Asia. He will return to India this spring to continue the human biology research, seeking to learn more about living conditions and paleo-ecology at a time when that part

of Asia was more fertile and heavily forested.

Markers of occupational stress tell a lot, but other information is necessary, too, for a positive identification, Kennedy cautions. For instance, a nearly identical exostosis (bony surface elevation) is found on the humerus of javelin-throwing Neolithic Saharans and of modern golf players.

— Roger Segelken

## Kahane speaks without incident

Last November, Rabbi Meir Kahane was prevented by hecklers in the audience from finishing a speech at Cornell. On Monday, the controversial founder of the Jewish Defense League spoke for nearly two hours to an estimated audience of 200 at Bailey Hall who applauded his talk and asked questions afterwards.

About 50 people standing on the steps outside the hall protested Kahane's appearance by chanting and holding signs, but did not block anyone's entry. They left after Kahane began speaking.

Ronald N. Loomis, director of unions and activities, credited Judicial Administrator Thomas McCormick and the organizations sponsoring Kahane's appearance — the Jewish Awareness Network and the Cornell Political Forum — for non-disruptive nature of the protest.

McCormick issued a statement last week saying his office would recommend suspension from the university for those found guilty in all future interference-with-speaker cases. The sponsoring organizations decided to charge \$2.00 admission to Kahane's talk to discourage attendance by protesters, according to Loomis.

Kahane, a member of Israel's parliament,

or Knesset, advocates a number of policies — including expelling Arabs from Israel and using violence against Palestinians — that have aroused intense controversy in Israel and the United States.

During his speech here on Monday, Kahane told his audience that Arabs are on their way to becoming the majority population in Israel, and advocated compensating individual Arabs for their property in return for their leaving the country. He also criticized American Jews for abandoning their "Jewishness" and urged them, "Come home [to Israel]. That's where your home is."

Several listeners identifying themselves as members of the Young Israel living unit at Cornell said afterwards they were glad to have the opportunity to hear Kahane and found nothing distasteful in his statements.

At the conclusion of Kahane's talk, moderator Joseph Bugliari, dean of the faculty, asked Kahane if this year's talk was "as much fun" as last year's. Kahane replied that he was "a little disappointed that leftist Zionists and people who don't like me" were not present to hear his views.

— Joe Leeming

## Calendar

Continued from page 7

**Textiles and Apparel**  
"Monofilaments for Industrial Uses," Greg Toney, Albany International, Nov. 17, 12:20 p.m., 317 Martha Van Rensselaer.

**Unions and Activities**  
"Cults on Campus - The Appeal and the Danger," Ron Loomis, director, Unions and Activities. A presentation on recruitment, deception, "brainwashing" and deprogramming, and discussion with an ex-cult member, Nov. 18, 8 p.m., Noyes Center, 3rd floor lounge.

**Vegetable Crops and Pomology**  
"A Question of Quality," Philip Bradway, NYS Dept. of Ag & Mkts, Nov. 12, 4:30 p.m., 404 Plant Science.

**Western Societies**  
"Worker Participation in the Italian Labor Movements: Forums, Models and Hypotheses," Ida Regalia, University of Milan, Nov. 13, 12:15 p.m., 153 Uris Hall.

"Linguistic Practices and Political Consciousness in the European Periphery," Susan Gal, Anthropology Dept., Rutgers University, Nov. 13, 4:30 p.m., 153 Uris Hall.

## THEATRE

**Department of Theatre Arts**  
"Love's Labour's Lost," a comedy by William Shakespeare, Nov. 19, 20, 21; Dec. 2, 3,

4, 5, at 8 p.m.; Nov. 22 and Dec. 6 matinees, 2:30 p.m., Willard Straight Theatre. Call the Theatre Cornell Box Office at 255-5165 for ticket and charge information.

## MISC

**CUSLAR**  
Committee on U.S./Latin American Relations meets at 5 p.m. on Mondays in the Commons Coffee House. For more information call 255-7293.

**Writing Workshop**  
Writing workshop walk-in service, free tutoring

instruction in writing, Monday-Thursday, 3:30-5:30 p.m. and 7-10 p.m., 174 Rockefeller Hall; Sunday, 2-8 p.m., 174 Rockefeller Hall; Sunday-Thursday, 10-midnight, 340 Goldwin Smith; Sunday-Thursday, 7-10 p.m., McFaddin Hall-Computer Room; and Sunday-Thursday, 7-10 p.m., Clara Dickson Room-Computer Room.

**Hebrew Speaking Club**  
Hebrew Speaking Club meets Tuesdays, 8:30 p.m., G-34 Anabel Taylor.

**Physical Education Department**  
Bahamas Scuba Diving Trip activity course, Jan. 9-15. Fee for the course is \$570 for the week. Fee includes everything except transportation to Miami and tips. For more information call 255-1319.

**Shotokan Karate Club**  
Shotokan Karate Club welcomes new members, beginners and advanced. The club meets Monday through Friday in front of Barton Hall, 5:30 to 6:45 p.m. For information call Scott, 272-2512, evenings.

## SPORTS

## Friday-Sunday, 11/13-11/15

Women's Volleyball, Ivy Championships at Columbia

## Friday, 11/13

Women's Polo, Yale, 7:30 p.m.  
Men's Hockey, at Army, 7:30 p.m.

## Saturday-Sunday, 11/14-11/15

Men's Squash, Ivy Tournament at Yale, 9 p.m.

## Saturday, 11/14

Freshmen Football, Columbia, 9:30 a.m.  
Varsity Football, Columbia, 1 p.m.  
Men's Jr. Varsity Hockey, Canton A.T.C., 4 p.m.  
Men's Basketball, Carleton (exhibition), 6 p.m.  
Men's Hockey, at Princeton, 7:30 p.m.  
Men's Polo, Yale, 8:15 p.m.  
Men's Cross Country, ICAAs/NCAA Regional II at Lehigh  
Women's Cross Country, at ECAC/NCAA Regional II

## Sunday, 11/15

Men's Jr. Varsity Hockey, Canton A.T.C., 2 p.m.

## Monday, 11/16

Men's Jr. Varsity Hockey, Syracuse Jr. B, 7:30 p.m.

## Last week's scores

[X-Y Overall record to date]

Men's Varsity Soccer [3-12], Ivy League [1-6]  
Fordham 3, Cornell 0

Women's Volleyball [19-10], Ivy League [5-2]  
Cornell 3, Syracuse 0  
Cornell 3, Columbia 0  
Cornell 3, Yale 1

Varsity Football [4-4], Ivy League [3-2]  
Yale 28, Cornell 9

Ltwt. Football [5-2], [3-2 in ELFL]  
Cornell 26, Pennsylvania 8

Freshman Football [3-2]  
Cornell 21, Pennsylvania 14

Hockey [0-1]  
Western Ontario 5, Cornell 4 (OT)

## Barton Hall facilities busy again

New operating hours and old regulations govern the multiple uses of Cornell's recently reopened Barton Hall. The facility again is being used by Cornell community members for athletics, military drills, and various campus functions — including banquets and concerts.

The noon-hour basketball games are back in full force, with faculty, students and staff matching both physical and verbal skills after a hiatus of more than six months while a surface made of synthetic rubber was installed at a cost of \$1 million.

One veteran campus jogger, Jim Brinkerhoff, who is director of Public Affairs Records, said he loves "the resiliency of the new surface. Now I can't wait until the ventilation system is improved," a project that is in the offing.

## Protecting the new surface

"Refurbishing Barton Hall is a key component in the overall upgrading of athletic facilities on campus," said Athletics Director Laing E. Kennedy. He added that a "renewed emphasis on proper scheduling of Barton activities and enforcement of regulations is crucial to protecting the new surface and to ensuring that all segments of the Cornell community will share in its multiple benefits."

General use of the facility for casual

athletic activities — including jogging and basketball — is permitted daily between 6 a.m. and 11 p.m. as long as these activities do not interfere with scheduled athletic events, ROTC drills and other priority activities. Daily and weekly schedules will be posted at the east entrance to Barton opposite Teagle Hall.

General access to the facility will be limited to this entrance. Use is restricted to Cornell students, faculty and staff, and their families and guests. Children of members of the Cornell community must be accompanied by their parents.

## Entrance to be controlled

Entrance will be controlled by a staffed desk. Identification will be required, such as an athletic uniform issued by Teagle Hall, Teagle and Helen Newman Hall privilege cards or regular Cornell ID cards.

Cornell community groups wishing to reserve the facility should call 255-7775, a new number established for this purpose.

Longtime regulations prohibiting footballs, baseballs, lacrosse balls, roller skates, skateboards, bicycle, spiked shoes and other similarly inappropriate equipment for the area will be strictly enforced.

Alcoholic beverages will be permitted only according to university policy.

— Martin B. Stiles

## Rock climbers create a living forest inside Barton Hall

It was not quite the forest primeval, but the renovation of Barton Hall in time to be used as a banquet site for the Trustee-Council Weekend included 100 trees seemingly sprouting from the planking.

The trees were, in fact, suspended from the rafters, a feat accomplished by 75 volunteers using skills learned in Cornell's rock-climbing courses. The intent was indeed a publicity stunt, to make the university's ambitious outdoor education program better known.

"It would have been difficult to bring the trustees and council members into the wilderness for a reception, so we brought the wilderness to them," explained Dan Tillemans, director of the Outdoor Program in the Department of Athletics and Physical Education. "After all, that is our classroom."

The stand of trees came from the Arnot Forest, managed by Cornell's Natural Resource Department, which regularly cuts trees to thin the woods and donated 100 to the display. The centerpiece was a 35-foot Douglas fir.

Professor Ray Oglesby, chairman of the department, introduced Tillemans to John Herring, a natural resources graduate student who also serves as technical director of the Cornell Savoyards. He called the project "the biggest set he'd ever been asked to design — one acre." Margaret Corbit of Cornell Plantations brought in landscape architects and suggested four truckloads of mulch.

Student and staff volunteers worked around the clock the day before the council members arrived. It was feasible neither to put the trees in pots nor to bring in a cherry picker to hang them from the ceiling. The solution was to assign rock-climbing instructors to head up to the rafters to rig parachute cord from which to suspend the trees.

"What motivated it all was that the outdoor education programs at Cornell University wanted to show people that we are



Students install evergreen trees inside Barton Hall for Trustee-Council weekend.

growing, that we're doing things that were proud of," Tillemans said.

This year, 700 students will take outdoor courses, mostly over weekends and breaks. The typical wilderness experience runs for four days. The recent fall break had two advanced rock-climbing trips to the Shawangunks, 300-foot cliffs near New Paltz, N.Y. There was a four-day canoeing expedition to the Adirondacks, as well as a four-day backpacking expedition.

Typical courses enroll a dozen students under two instructors. Course fees are the only source of support for the program.

The next winter break will offer an Adirondack ski expedition, 12 students and three instructors living for 10 days in the cold wilderness.

A student group, Wilderness Reflections, also organizes freshman-orientation trips. The Cornell Outing Club sponsors recreational activities. Plans call for an outdoor education center to put all these efforts under one roof.

Rock climbing is gaining adherents as an adventure and personal-challenge sport, Tillemans said. But the rock around Ithaca is not hard enough to climb safely because it crumbles. To solve that deficiency, D.R. Climbing Walls of England will create a 30-foot-high by 100-foot-long training wall on the side of the proposed Cornell field house, complete with cracks, overhangs, and ledges. The best the students have on campus now is Uris Library.

"There's a lot of excitement in rock climbing," Tillemans observed. "The experience is so real. When you're on the rope, and you have to put these little wedges in the rock, and you look down, and it's 300 feet below you — you understand why you signed up for the course, and why you really need to perform at that particular time!"

"But it is safe," he quickly added. "We teach the safe way to do these things, and we have not had an accident in the history of the program." — Irv Chapman

Child care *Continued from page 1*

operate out of temporary quarters in the former Tompkins County jail on Court Street.

Noting the new facility's strategic location in a portion of Cornell's Research Park, Hart said the center will be convenient to the university and to other large employers in the increasingly commercialized area. The facility will be near the Board of Cooperative Educational Services (BOCES) center on Warren Road, which has an instructional program for child-care providers. Also assisting the center's professional staff will be student interns from Cornell's College of Human Ecology, Hart said.

"Cornell is reaffirming its commitment to quality, affordable child care in our community," Hart said, adding that the new center will charge tuition on a sliding-fee scale and will offer tuition aid. "We are

committed to maintaining a good socioeconomic mix ensuring the participation of faculty, staff, students, and other community members.

"As always, the university is looking for joint ventures in Tompkins County," Morley said. "We think it is a worthwhile endeavor anytime the university — with others — can develop programs that will serve as a model for other employers in the county." Morley noted that support for the new child-care center is the culmination of months of negotiations begun by William G. Herbster, Cornell's former senior vice president. Morley also said the project has the enthusiastic endorsement of President Frank H.T. Rhodes and the university's board of trustees, which unanimously approved the agreement with the Ithaca Childcare Center at its meeting in October.

Morley pointed to early university support of the Infant Care Center, which receives a \$7,000 annual subsidy from the university in addition to the use of the facility. Eva Cochran, director of the infant center, said consolidation of the two services into a larger facility "will be very good for us and the families we serve because we can continue care for children over 18 months of age." Currently, the Infant Care Center has space for only 24 children of Cornell employees, but has a waiting list of more than 30 families.

"The Ithaca Childcare Center already has an excellent reputation in this community for providing quality child care," said Margaret F. Dill, director of the Day Care and Child Development Council of Tompkins County. Consolidating child- and infant-care programs in one larger location will

allow expansion of programs the community needs most, she said. The director of the child-development referral service, which supports day care throughout the county and to which Cornell provided \$19,425 this year, said a one-stop facility will be more convenient for parents with children of different ages.

"Cornell is unique in our community in its ability to call on available expertise in services to children and families," Hart said, referring to nationally known faculty members in the College of Human Ecology. She said child care also has been an ongoing concern of the University Assembly, which represents Cornell's staff and students, and said that group will continue to work closely with the university administration to encourage affordable child-care programs. — Roger Segelken



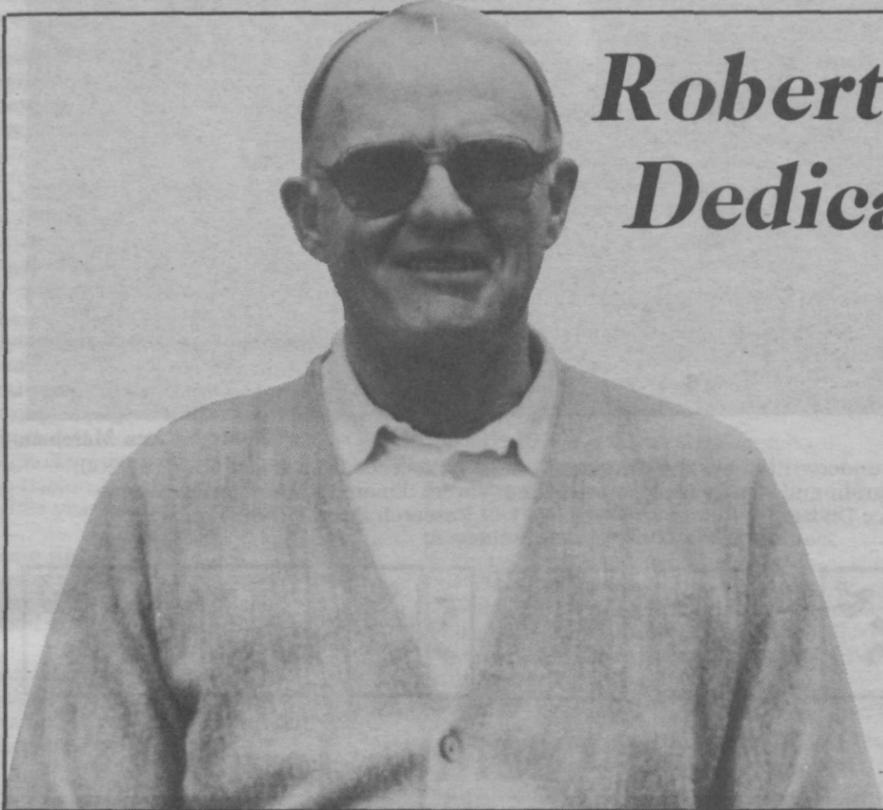
# Networking

A Cornell Newsletter Published by Employees for Employees



Volume 8, Number 12

Thursday, November 12, 1987



## Robert Sayles Receives Dedicated Service Award

We are delighted to nominate Robert Sayles for the Employee Dedicated Service Award. As technical service supervisor, Bob has cheerfully served the Vegetable Crop Department for 27 years, until his retirement in September, 1987. When advice was needed on how to make something work, Bob was the first person Veg Croppers looked for. "Bob can fix it" -- no matter whether the problem was a sophisticated but malfunctioning piece of electronic lab equipment or the construction of special apparatus to accommodate particular and ever-changing research needs.

Bob demonstrated the same helpfulness and upbeat attitude whether responding to a senior faculty member, a struggling new graduate student trying to construct apparatus with limited funds, or a secretary with broken bookshelves. At times it must have seemed to Bob that

everybody needed something by yesterday at the latest, yet he was ever calm, never cross and always helpful.

Some jobs took a few minutes, some a few hours and some weeks or months. Bob was the person who literally kept the department in good repair.

There is no telling how much money Bob has saved the department by constructing specialized apparatus from common building materials; apparatus for storage, drying and growing of plant material and apparatus for maintaining controlled experimental conditions to name a few. We all came to rely on Bob's excellent judgment and common sense advice and it is perhaps this aspect which will be most sorely missed, probably more than we realize.

Bob and his wife, Barbara, reside in the Ithaca area and have five grown children.

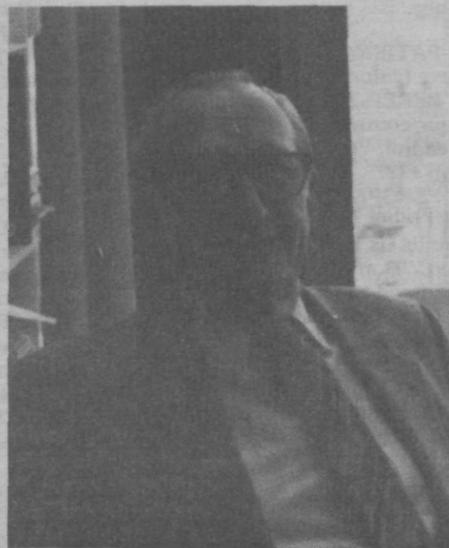
## Transfers and Promotions for November

NAME	DEPARTMENT
Carolyn Ainslie	Budget Office
Larry Allen	Residence Life
David Brown	Theory Center
Linda Carr	University Relations
Kathleen Coleman	Summer Session
Patricia Dougherty	Public Affairs
Thomas Douple	Athletics
Janet Gillespie	University Libraries
William Gilligan	Budget Office
Joseph Glennon	Vet Administration
Terry Goodenough	Agricultural Economics
Michael Greene	Agronomy
William Hathaway	Facilities
Deborah Hause	University Press
Nancy Heliseva	University Libraries
Kevin Ingerson	Diagnostic Lab
Kathryn King	Engineering
Helen Klausner	Human Ecology
Joseph Lalley	Facilities
Timm Lathwell	Animal Science
Janet Lattin	University Libraries
James Lawrence	Campus Store
Connie Mastronardi	Chemistry
Shelly Mather	Bursar's Office
Susan McCann	Neurobiology
Virginia McKnight	University Libraries
Leslie Millsbaugh	Public Affairs
Tracy Neiss	Engineering
Judy L. Neno	Agricultural Economics
William Noon	Genetics
Carla Overstrom	Agricultural Economics
Mary J. Porter	Environmental Research
Carmen Ramos	Diagnostic Lab
Jorge Rodriguez	NAIC
Daniel Saltsman	Public Safety
Gwendolyn Scott	Campus Store
Elizabeth Small	Engineering
Linda Stare	Sponsored Programs
Carol Stone	Building Care
Patricia A. Thomas	Dining Services
Nancy Tuhro	Public Affairs
William White	Sponsored Programs
Diana Wixson	Engineering

## The Wandering Photographer

by Cheryl Seland

How long have you worked at Cornell and what do you enjoy most about your work here?



**Robin M. Williams, Jr.**, Henry Scarborough Professor of Social Science, emeritus, Sociology. "I starting working at Cornell in 1946. I enjoy the excitement of teaching and research because there's something new every day."



**Linda Stare**, Grant & Contract Officer, Sponsored Programs. "I've been at Cornell 10 years and I like the diversity of people that I come in contact with."



**Bonnie Bailey**, Circulation Reserve Supervisor, Fine Arts Library. "I've worked at Cornell for about a year and a half. I like the career opportunities that Cornell offers."



**Luella Leonard**, Custodian, Care of Buildings. "I've worked at Cornell for 2 years. I like the people and I like my work here."

### Brown Bag Luncheon

Interested in Cornell University Campus Governance? Structure? Committees? Decision Making? Your questions answered by Employee Assembly representatives  
DATE: November 18, 1987  
Wednesday  
TIME: 12 noon - 1pm  
PLACE: 105 Space Sciences Building

# Ride for Research!

by Ann Marcham

Friends of Cornell's Equine Research Park have found another reason to celebrate the brilliant color and tangy air of autumn. On Saturday, October 10, more than 50 teams were entered in a Fall Hunter Pace. Pairs of riders follow a well marked course - 6 1/2 miles across fields and through woods. To add variety there are 30 rustic jumps ranging from 2 inches 3 feet to 3 feet high. Harold Mowers, retired farrier but very active at the Equine Research Park, built the jumps and prepared the course.

At the park's pond, Canada geese and domestic geese squawked and muttered in alarm at the upheaval in the quiet countryside. The horses brought warmth and motion to the scene. There were Thoroughbreds, Appaloosas, Arabians, quarter horses and crossbreeds. They pranced and paced with the knowledge that they were well groomed and ready to start the course. The competition categories included the optimum time (30 min. 49 sec.), the fastest time (27.5 minutes) and the slowest "Turtle" time (85 minutes) award. While most teams competed with some seriousness, other teams were there to provide young horses

with the experience of a competition. Prizes also were listed for the oldest horse, the youngest horse, youngest rider and team traveling the farthest to compete. Riders came from all over central New York State, the farthest location was Albany. Riders included Cornell students, faculty and staff plus many 'outsiders.'

And when the competition ended, a new contest occurred. The activity centered around the cars and trailers that lined the park's half-mile oval race track. "Who had the most elegant tail gate repast?" There were tables set with candelabra, wine, caviar and shrimp. There were also tables with apple cider and brownies. "Who had the friendliest tailgate?" award was won by a team of young teenagers.

Audrey Lowe and Phyllis Dague are the masterminds behind this event but they are supported by quite a range of people. Cornell's Safety Division donates the walkie talkies for the people monitoring the pace. Sue Long, director of nursing in the Veterinary Medical Teaching Hospital, is the emergency medical technician on hand. The events



Photo by Ann Marcham

were underwritten by The Antler's restaurant and Agway Incorporated Feed Service Division.

Proceeds from registration (\$1,200) were donated to the Cornell Equine Research Park.

## Leadership and Ethics

by George Peter

A report on a panel discussion by Trustees Ken Derr and Ken Blanchard and Professor Dotson -- held during Trustee-Council weekend.

Professor Dotson led off the discussion by stating that we have reached a state of unethical behavior (in government and outside of it) which is unequalled. He said that we don't know how we got there and so we don't know how to correct the situation.

This reporters note:

If he is correct (but some think he is not), the blame must lie with the leaders of recent years. That means it could lie with the educators, clergy and other leaders who taught and preached situation ethics in the 60's and 70's and who led the disruptions against the establishment. Their message has been to ignore established values and to invent your own.

Trustee Derr was more positive. He professed that more people operate businesses in ethical ways, but we only hear about those who don't. He believes that ethics is not just obeying the law, but operating within the highest standards of business integrity. Ethics in business is to be ethical to stockholders, to employees, to customers, to the outside financial world and to the community.

Trustee Ken Blanchard defined lead-

ership and ethics in terms of the "5 P's" which are taken from a book soon to be released. The book is coauthored by him and Norman Vincent Peale.

**PURPOSE:** One needs a clear vision -- purpose. Without such, we might ask, "leadership for what?"

**PRIDE:** It is tougher to cheat if you have pride. Dr. Blanchard says that we need to begin with self-esteem. What are you doing to raise the self-esteem of your people? He says that we need to create an environment to help people achieve (win). Instead, we tend to create an environment to evaluate people. Blanchard urges us not to have a game against each other.

**PATIENCE:** To stick to what you believe (values).

**PERSISTENCE:** Keep committed to your commitments. Be committed instead of, "everyone else is doing it, why don't I?"

**PERSPECTIVE:** We need to step back and see it from a view. Ken Blanchard reminds us that sometimes we need to be told, "Don't just do something; sit there. We need to sit back and think."

He closed his remarks by quoting his friend, John Nesbitt: "Some day there will be a list of FORTUNATE 500 companies. It will be based on the quality of life available to employees and the quality of service available to customers."



## New Addition Joins 11th Annual Smokeout

Recognizing that it's never too soon to begin thinking about good health, American Cancer Society leaders in Tompkins County announced a new addition to this year's crop of Great American Smokeout participants: newborns.

"Obviously, babies are born nonsmokers, and we hope they will remain nonsmokers throughout their lives," said Nancy Fraleigh, executive director of the Tompkins County Unit of American Cancer Society.

She explained that the society, in cooperation with Tompkins Community Hospital, will present special T-shirts with the message "I'm a born nonsmoker" to children born November 19, the day of the Great American Smokeout.

"We hope the T-shirts will send a message to parents and other adults, so that those who smoke will consider quitting," Fraleigh said. "We know that children whose parents or older siblings smoke are more likely to take up the habit themselves. So parents would be helping themselves, and their kids, by quitting," she said.

"We have lots of fun activities planned here in Ithaca to help smokers get into the spirit," Fraleigh said. In addition to giving out the special infant shirts, Smokeout coordinators are planning a contest

for all of the school children in the county. Preschoolers will create original posters with the theme of "Smoking Stinks -- No Matter How You Dress It Up." Middle schoolers will write essays on "Why I Will Choose Not To Smoke," and high schoolers will perform speeches on "Taking control: Why Tobacco Doesn't Fit In."

The Pyramid Mall will display all student work from the contests between Monday, November 16 and Thursday, November 19. On Wednesday evening, November 18, between 6:30-7:30pm, students may pick up certificates of participation at the mall, as well as prizes they have won. There will be a huge Smokeout Rally, with bands, stop smoking material, and a balloon release. This event promises to be fun for everyone. Other events in town include Smokeout Activities at corporations such as Borg-Warner, and campus activities at Ithaca College. "This is an event for everybody, young or old, smoker or nonsmoker," Fraleigh said. "Nonsmokers will be 'adopting' smokers and offering them support and survival tips for a smoke-free 24 hours," she added.

"You may not be able to recapture your childhood," Fraleigh said, "but you can learn how to be a nonsmoker again during the Great American Smokeout."

## Still Need Reasons to Quit Smoking?

An article in Office Systems, February '87, written by Charlotte Zelanko Esken, RN is headlined "Smoking can be lethal, so let's kick the habit."

The author quotes these statistics: Estimates of medical costs and productivity loss due to smoking at work amounted to about \$47 billion in 1980. Workers who smoke have an absenteeism rate of 30-40% higher than nonsmokers and a greater chance of hospitalization.

In insurance claims alone, employers pay about \$300 extra for each smoker. Not only are job-related accidents more frequent in smokers than nonsmokers, but drivers who smoke have twice as many accidents as nonsmokers.

Cigarette smoking can damage the workplace. For example, smoke can harm sensitive, expensive computer systems. Burns in rugs, furniture and equipment can be an added cost to the employer. Smoke in the atmosphere causes a film of tars and nicotine to permeate walls and windows. As a result, there is a frequent need to paint walls and clean windows. Air conditioners must work

harder to clean the air.

Smoke clings to hair and to clothing. In addition, smoking dries out skin, causing wrinkles, and stains fingers and teeth.

In organizations with nosmoking policies, employers can expect to save at least \$500 for each smoker annually by limiting smoking to designated areas. In 1981 there were 65,000 fires caused by smoking, resulting in hundreds of millions of dollars in losses. Fires caused by careless smoking kill more than 2,000 people each year.

Provided by the University Assembly Smoking Commission.

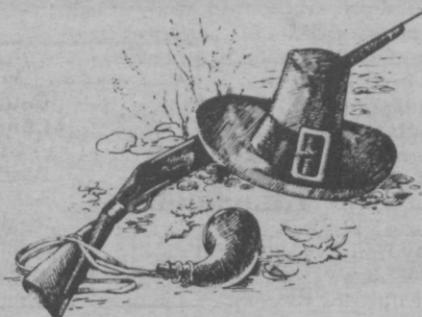


Photo by Susan Boedicker

George Peter enjoys the company of colleagues and friends at a surprise reception at Space Sciences in honor of his forty years of service to Cornell. Honored at the same reception were Ed Salpeter and Tor Hagfors for recent professional accomplishments and recognition.

# United Way Agencies Provide Year-Round Community Help

By returning your pledge care now you can contribute to the year-round operations of twenty-four human service agencies and over seventy community based programs in area towns. United Way organizations have helped over 40,000 Tompkins County residents. Listed her is a brief description of funded United Way agencies.

## Alcoholism Council

Dealing with the problems caused by alcohol in individuals, families and society, the council provides individual and group counseling, a relapse prevention program, DWI programs, and a halfway house is planned. The council also helps children of alcoholics and conducts extensive preventive and education programs about alcohol.

## Boy Scouts

Boy Scout activities instill values to help to prepare young people to make ethical choices in their lifetime while achieving their potential. Fun, friendship and personal recognition is offered through the Advancement Program. Camp Barton is used for Scouting activities year-round.

## Camp Fire

A co-educational youth agency started here in 1938, Camp Fire provides a supportive environment in which youth (K-12) can develop positive self-images and social behaviors, as well as acquire new skills. Programs include clubs, instructional swim, day camp and self-reliance classes.

## Challenge Industries

Since November 1968 Challenge Industries has helped people achieve their potential by offering those with disabilities the chance to develop personal skills and self-esteem in a paid working environment. Client-employees discover individual strengths and weaknesses through prevocational training, sheltered employment, transitional employment and job placement in the community.

## Day Care Council

A valuable resource for parents and child care workers, the Council's purpose is the promotion, growth and coordination of comprehensive services for children. Answering over 2,500 calls a year, the council provides programs including Resource and Referral Services, Family and Support Services and the Warm Line for child care development questions, and the Teen Pregnancy Parenting Program.

## Displaced Homemakers

Offering assistance to those whose lives have changed and who need help in finding new directions especially widows, women of color, single mothers, divorced and separated women - the Center provides one-to-one counseling, support groups, legal information, help in finding community resources, and employment assistance.

## Family & Children's Service

Family and Children's Service provides counseling services for individuals and families. Home health aides provide, as an alternative to nursing homes, visits to residents to help with many health and personal care needs and domestic chores.

## FISH

FISH is a volunteer organization of local people who, since 1970, give one-half a day or more each month to help others with essential transportation within Tompkins County. Volunteers use their own cars and take people to essential appointments when they cannot use Gadabout or Ithaca Transit Services. There are no age restrictions, and there is no charge for the service but voluntary contributions are accepted. From May 1986 to May 1987 FISH drivers completed more than 850 missions.

## Gadabout

Since 1976 Gadabout has been providing people over age 60 and handicapped residents with rides to and from medical appointments, nutritional programs, grocery shopping, volunteer work and social and personal errands. Covering 492 square miles, Gadabout provides 2,515 rides per month. Trained volunteers furnish affordable "lift-equipped" transportation in conjunction with Ithaca Transit and TomTran services.

## Girl Scouts

Emphasizing development of individual potential and values, decision-making skills, teamwork, and community involvement, Girl Scouting helps girls grow into self-assured young women.

## Greater Ithaca Activities Center

People of all ages benefit from GIAC, a multi-culture center, which offers classes in computers, drama, dance, sports, and social activities for young people. Adults enjoy basketball and volleyball and adult education classes and seniors participate in painting, dance, trips, and other special events.

## Human Services Coalition

The Human Services Coalition improves the quality of life of Tompkins County residents by coordinating and planning human services. Since 1974 the coalition has advised governments and agencies on the best human services for Tompkins County. The Information and Referral Service directs people to the agency needed to solve a problem.

## Learning Web

The Learning Web is in its 15th year in Ithaca providing hands-on work experience for Tompkins County youth. Young people develop both personal and career related skills through the use of the age-old mentor-apprentice approach to learning.

Operated through area schools, the Learning Web offers students an

opportunity to work closely with experts in their fields of interest.

## Neighborhood Legal Services

Legal Services provides the services of a law office, including legal advice and representation to low income residents. Individuals and community groups who meet financial requirements can look to Legal Services to help them with housing, welfare, unemployment insurance, social security and other civil problems.

## Mental Health Association

Since 1953 the Tompkins County Mental Health Association has been working for improved care and treatment of mentally disabled and emotionally distressed community members. Programs include advocacy for mental patients, education and training about mental health issues, and information and referral concerning therapists, support groups, hospitals, and other services.

## Offender Aid & Restoration

Providing support, assistance, counseling and advocacy to Tompkins County jail prisoners and ex-prisoners, OAR supports prisoners through one-on-one counseling, short-term assistance in jail, a drop-in center for ex-prisoners and a bail fund. Volunteers try to make the jail experience more constructive and less damaging to prisoners.

## Red Cross

The Red Cross helps people prevent, prepare for, and cope with emergencies. Services include Services to Military Families, Disaster Services (both locally and nationally), Project Share, Blood Services, Health and Safety courses, a Loan Closet program (convalescent equipment), and the Emergency Community Shelter program.

## Salvation Army

Serving the community year-round, the Salvation Army offers nutrition, exercise, crafts and religious education classes and offer well-balanced meals in the daily lunch program.

## Senior Citizens Council

For the past 35 years, the Council has worked to improve and maintain the quality of life for senior citizens through recreation, education, advocacy and service.



## Southside Community Center

A neighborhood center since 1930 enriching the lives of minority population of Tompkins County with programs including day care, after school, youth in academic and recreational areas, senior citizens nutrition, employment and training sessions, plus a support group clearinghouse for adults. Involvement of the elderly population is high on the Center's agenda.

## Special Children's Center

The Special Children's Center works to assure that people with handicapping conditions receive necessary services and are afforded the right and opportunity to participate fully in society. The NYS licensed program includes diagnostic evaluations, medical rehabilitation, a special education preschool program, family support and home service, and a transportation service.

## Suicide Prevention & Crisis Service

Twenty-four hours a day, 365 days a year, this service is ready for people who need help or just want to talk about a problem. Suicide prevention booklets and public presentations educate the community; drop-in programs are operated in many elementary-second schools in the county. Approximately 80 trained volunteers help callers find answers, give suggestions and offer a friendly ear.

## Task Force for Battered Women

Serving the needs of battered women and their children, as well as children who are sexually abused, direct services include shelter, advocacy, education and information and referral. Staff or volunteers provide 24-hour, 7 day-a-week service through their crisis hotline.

## YMCA

Developing the skills and habits for lifelong fitness and well-being is the aim of the YMCA of Ithaca and Tompkins County. Certified and trained personnel provide programs in Youth-Family development, racquetball, weight training, aerobics and swimming for all ages including programs for people with back and cardiac programs.

## CRC News

# Holiday Dinner

## Dance, Bills Football, Greek Peak Discount Passes

# Select Benefits 1988 Plan Year Enrollment Procedure

November is the month to enroll in Select Benefits. Beginning with the 1988 Select Benefits plan year there is a new procedure for enrolling in the Health Care Premium Contribution option: enrollment is now automatic.

Formerly employees were required to complete an enrollment form in order to pay for their health care premium with before-tax dollars. Now all employees who participate in a health care plan provided through Cornell will, without any action on their part, pay for the cost of their premium with before-tax dollars.

Before-tax dollars means the cost of the health care premium is deducted from the employee's biweekly pay before taxes have been calculated.

If, instead, employees prefer to pay that cost with after-tax dollars - dollars on which they have paid taxes - they must elect out of that option by checking the "no" box on the new selection form and returning it to Endowed Employee Benefits, 130 Day Hall, or Statutory Employee Benefits, B-22 Mann Library Building.

The procedure for participation in a Se-

lect Benefits medical care or dependent care account remains the same as in the past. Employees may set up one or both of the reimbursement accounts by completing the selection form and returning it to the appropriate benefits office. Enrollment applies only to the plan year indicated and employees must complete a new form each year.

Enrollment for the 1988 plan year is during the month of November. All employees will receive the necessary materials at their home addresses during the last week in October.

Questions concerning Select Benefits or a department request for a benefits specialist to explain the plan to staff members may be directed to Endowed Employee Benefits, 5-7509 or Statutory Benefits, 5-4455.



**HOLIDAY DINNER DANCE** - December 12: The tickets are available for the Holiday Dinner Dance which will be held at TC3 in Dryden. The CRC board of directors has voted to assess a \$5 (members), \$10 (individual and single parent), and \$15 (nonmember) per person charge for the dance. This action was necessary as the cost of this event was nearly doubled since its inception. The alternative would have been to raise the yearly dues for the entire membership which the board felt was not in the best interest of the club. Your understanding and cooperation is appreciated.

As always, a cash bar will begin the evening at 6pm followed by a buffet dinner at 7pm. "Sophisticated Country" will provide music for listening and dancing from 9pm until 1am. Tickets for CRC members are available from the CRC Office now. Individual and single parent members may purchase one guest ticket at a reduced rate at this time. Nonmember guest tickets will be available beginning December 1.

**BUFFALO BILLS FOOTBALL** - November 29: A few seats are open on the bus for this event. The cost is \$35 (\$40 nonmembers) and includes transportation and game ticket for the late season clash between the bills and Miami Dolphins. All Buffalo and Miami

fans are welcome. Call the CRC Office today.

**VOLUNTEERS, TRIP LEADERS, COMMITTEE MEMBERS - CRC NEEDS YOU!!!** CRC is an employee organization dependent upon member-volunteers to make it successful. Out of a total membership of over 1,200 only a small group of people do the majority of the work. It's great fun to help out at the Summer Picnic, a chicken BBQ, or lead a bus trip. Why not volunteer? At this time CRC is looking for two volunteers: one to chair the PR and membership committee and one to organize the children's christmas party. Call the CRC Office if you can help.

**1988 CRC CALENDAR OF EVENTS:** CRC is in the process of planning the event calendar for 1988. If you have any trip or event suggestions, please call the CRC Office.

**GREEK PEAK DISCOUNT PASSES:** Reduced rate packages are available through the CRC Office. Call for more information.

**WALT DISNEY WORLD MAGIC KINGDOM CLUB:** If you are planning a trip to Florida, stop by the CRC Office to pick up your free Magic Kingdom Club membership. It offers some great savings on admission and accommodations in and around Walt Disney World.

# Unclassified Ads

1. Please submit all unclassified ads to Networking Unclassifieds, 240 MVR - 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. Any ads that are hand delivered to 240 MVR Hall will be omitted. Send through campus mail ONLY.
4. All unclassified ads are free of charge to Cornell faculty, staff and students and will be printed in the order received as space permits.
5. 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.
6. Unclassified ads are for nonbusiness purposes only.
7. The deadline for the December 3rd issue is November 16th.
8. If an error appears in your ad, please resubmit the ad to be published in next available Networking.
9. Please submit an ad for each issue that the ad should appear in.

Send all ads to Donna Updike, 240 MVR  
Send in campus mail only.

No phone calls please.

## For Sale

- 1986 Camaro Z-28, red, T-top, loaded, must sell. Bernie 5-6143 or 564-9375.
- 1984 Pontiac Fiero, 4-spd, sunroof, loaded with options, low mileage, moving, must sell. \$6,000 OBO. Phyllis 5-3722 days or 594-2544 eves.
- 1979 AMC Concord, automatic, rebuilt motor, new parts, runs good, some rust. \$1,250 OBO. 589-6251 after 6pm.
- 1976 Mustang, dark green with gold stripe, 4 cyl., standard, no rust, best offer. 564-9375.
- 1973 Cadillac, dark blue, 4 new Michelin tires, new brakes, total new cooling system, 4-dr. \$500. Sheri 5-5722 days or 532-8529 after 6pm.
- 1973 Plymouth, slant 6 engine, 80k miles, snow tires, runs great. \$500. 1-532-9339 eves and weekends.

- 1969 Mustang for parts, engine mostly rebuilt, interior exc, best offer. 5-1972 days or 277-4863 eves.
- Snow tires and rims, P205-70R14 Town and Country (Firestone), 4-ply studded used less than one season. \$150 for 2 tires and 2 rims. John 564-7884.
- Moto-Cross bike, brand new Lotus BMX, won in contest, never used, value \$300, sell at \$175. Glenn 3-3445 days or 1-589-6050 eves.
- Rowing machine (Sears), hardly used, \$65. Laurene Mongelli 5-7358.
- Manual typewriter with pad in portable case, Smith Corona, good cond. \$25. 272-0568 or 5-5265.
- Sharp color TV, 19", \$50. Bob 5-2296 or 257-2733.
- Down quilt, 94x96, beige cotton cover, white goose down filling, flower pattern, made in China, exc cond. \$75. 272-0568 or 5-5265.
- Double bed, \$20; Bauer Hockey skates and stick, size 6 mens-boys, never used, \$30. Sheri 5-5722 days or 532-8529 after 6pm.
- Twin futon, never used. \$60. 5-2691 weekdays 9-5.
- His & Hers wedding rings, never used. \$250; Bundy

- Clarinet, \$25. Jeanne 5-4842 or 844-4124.
- Guitars, used very little, like new, Yamaha steel string, \$150; beginners nylon string, \$100. 253-3411 or 539-6146 after 4:30.
- Three part carpet covered platform, each section 4'x8' with height of 6"; also Tyke blackboard with door closure and mounting rack; both avail from CU Libraries for reasonable price. Susan Morse 5-3569 M-F, 8-4:30.
- Two First Communion long dresses, custom made, fits sizes 6, 7, or small 8, \$39 each; Cannon Super 8mm camera with a telephoto lens, almost new, \$20. Ellie 257-4406 after 3:30pm leave message.
- Walk to CU in Varna Park, 1964 mobile home, carport, shed, w-d, s-r, plant people, 2 bdrm, \$11,000 OBO; 35 SLR Yashica F-X camera, exc cond, 1-body, 3 lenses and bag, \$300. 347-4858 recorder.
- Lovely 3 bdrm house in the Belle Sherman district, extra lot, overlooking six mile creek, 2 miles to CU. 387-5673 or 539-6545.
- Get the most house for your money, classic Victorian on 1 acre in great shape, 3 bdrm, 1 1-2 baths, stone FP with insert separates LR and DR, only 25 min. North of CU, \$59,900. (315) 364-7475.
- Or trade, handsome chestnut gelding, 2 yrs, well arted, \$550; pretty pale grey filly, 2 yrs, well-mannered but needs work, \$400; English saddle, exc cond, \$180; Western saddle, \$150. 564-9375.
- Pair peach-faced lovebirds with large cage, price neg. Melissa 272-1104.

## Blood Pressure Screening Clinics

- November 17 - Willard Straight Dining, Elmhurst Room - 8:30am-10:30am
- November 17 - Robert Purcell Dining, Office - 1pm-3pm
- November 17 - Balch Hall, Dining Central Office - 2pm-4pm
- November 19 - Morrill Hall, lounge - 1pm-3:30pm
- November 23 - Wilson Hall, Conference Room - 8:30am-11:30am
- November 23 - Newman lab, Room 311 - 1:30pm-3:30pm
- December 1 - Alumni House - 9am-12 noon

- December 1 - Myron Taylor Hall, Seminar Room .3 - 1pm-4pm
- December 8 - Statler Hall, 3rd floor Conference Room - 9am-3pm
- December 9 - 120 Maple Ave, Purchasing Conference Room - 8:30am-12 noon
- December 9 - Sage House - 9am-10:30am
- December 10 - Stocking Hall, Sherman Reading Room - 8:30am-12 noon
- December 10 - Upson Hall, lounge - 1pm-3:30pm
- December 15 - Traffic Bureau - 9am-11am

## Ski Club Advisor Wanted

The Cornell Ski Club (student organization) is seeking a faculty or exempt staff member to be its advisor. SFC requires each of its organizations to have such an advisor. Duties are limited to occasional meetings; the Executive Board of the ski club does all of the facilitating of events and trips. If interested, please contact Alicia Schwarcz, 272-3912 or Peggy Beach, 255-7565.

## Wanted

- Good answering machine, \$30 to \$30 max. Ellie 257-4406 after 3:30pm leave message.
- Ride from Ithaca to Rochester Friday eves, anytime after 4pm. 277-2228 after work.
- Building lot in East or South Hill area, reasonable, prefer municipal services if possible. Jeff 5-9642 (w) or 277-4794 (h).

## Dedicated Service Award Nomination Procedures

Many individuals at Cornell University contribute to the success of their department and the University through the use of talents that may not be recognized in their official job description. Do you know someone who takes particular pride in their work, who exhibits a willingness and cheerfulness in the dispatch of their duties, who provides service beyond the call of duty, and who makes life at Cornell a rewarding experience for those with whom they come in contact? Networking is looking for special

people you feel should be recognized for their special contribution. The Dedicated Service Award is open to any Cornell employee, regardless of rank. Nominate someone today by filling in this form and please note that you should accompany your ballot with a paragraph explaining why you wish to nominate this person and a list of signatures from other department members supporting your candidate. If your candidate is selected, we will be in touch with you to supply additional information.

For the Dedicated Service Award  
I NOMINATE

Employee's Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Department: \_\_\_\_\_  
 Working Address-Phone: \_\_\_\_\_  
 Person Submitting Nomination: \_\_\_\_\_  
 Dept.-Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Mail to: Donna Updike, 240 MVR Hall

## Employee Calendar

Events of Particular Interest to Cornell Employees

- Friday, November 13. Consumer bag lunch series, "Coping with Health Insurance," Tompkins Public Library, Sherman Peer Room, 12noon.
- Saturday, November 14. NYC-Radio City Music Hall trip planned. Date changed from December 12. Trip full, waiting list only.
- Tuesday, November 17. Displaywriter seminar, 12:30 in 100 Caldwell Hall. Call 5-4941 to register.
- Tuesday, November 17. Open Blood Pressure Screening Clinic, Willard Straight Dining, Elmhurst Room, 8:30am-10:30am.
- Tuesday, November 17. Open Blood Pressure Screening Clinic, Robert Purcell Dining, Office, 1pm-3pm.
- Tuesday, November 17. Open Blood Pressure Screening Clinic, Balch Hall, Dining Central Office, 2pm-4pm.
- Wednesday, November 18. Brown Bag Luncheon, 12 noon-1pm, 105 Space Sciences Building, your questions answered by Employee Assembly representatives
- Thursday, November 19. Open Blood Pressure Screening Clinic, Morrill Hall, lounge, 1pm-3:30pm.
- Thursday, November 19. 11th Annual Great American Smokeout.
- Monday, November 23. Open Blood Pressure Screening Clinic, Wilson Hall, Conference Room, 8:30am-11:30am.
- Monday, November 23. Open Blood Pressure Screening Clinic, Newman lab, Room 311, 1:30pm-3:30pm.
- Sunday, November 29. Buffalo Bills vs. Miami Dolphins football game. Call the CRC Office, 5-7565, for more information.
- Tuesday, December 1. Open Blood Pressure Screening Clinic, Alumni House, 9am-12 noon.
- Tuesday, December 1. Open Blood Pressure Screening Clinic, Myron Taylor Hall, Seminar Room .3, 1pm-4pm.
- Tuesday, December 8. Open Blood



- Pressure Screening Clinic, Statler Hall, 3rd floor Conference Room, 9am-3pm.
- Wednesday, December 9. Open Blood Pressure Screening Clinic, 120 Maple Ave, Purchasing Conference Room, 8:30am-12 noon.
- Wednesday, December 9. Open Blood Pressure Screening Clinic, Sage House, 9am-10:30am.
- Thursday, December 10. Open Blood Pressure Screening Clinic, Stocking Hall, Sherman Reading Room, 8:30am-12 noon.
- Thursday, December 10. Open Blood Pressure Screening Clinic, Upson Hall, lounge, 1pm-3:30pm.
- Saturday, December 12. Holiday dinner dance at TC3. Call the CRC Office for more information.
- Tuesday, December 15. Open Blood Pressure Screening Clinic, Traffic Bureau, 9am-11am.

## New Health Insurance Rates for Statutory Employees

As you know, the cost of medical treatment continues to increase at phenomenal rates which, in turn, increases the cost of health insurance coverage. When the Empire Plan was implemented in 1986, several provisions were included, such as a participating provider network and preadmission concurrent review program, in an effort to contain costs. Although these measures have worked to contain costs, while maintaining high quality medical care, overall plan costs continue to rise at a rate that far exceeds inflation.

Statutory Employee Benefits has only recently been informed by the New York State Department of Civil Service that effective December 3, 1987, the biweekly contributions for statutory employees enrolled in the Empire Plan will be as follows:

- INDIVIDUAL \$ 6.60
- FAMILY 27.63
- DUAL ELIGIBILITY 0-

These new rates will be reflected in the December 17th paycheck for exempt

employees and the December 24 check for nonexempt employees. As previously announced in the Select Benefits information you received the cost of your health care premium will be deducted on a before tax basis effective January, 1988. By paying the premium on a before tax basis the impact of the increase will be minimized. (You may elect to pay for your premium on an after tax basis.)

New York State continues to pay approximately 90% of the total cost of individual coverage and 80% of the total cost of family coverage. In family situations where both spouses are employed by the statutory colleges (or other eligible state agencies), employees can elect to enroll for one family policy (instead of one family and one individual contract) and the State will pick up the entire cost of the family coverage.

If you have any questions concerning health insurance or any of your other benefit programs, please contact Statutory Employee Benefits, 5-4455.

## Networking

### Deadlines

- November 16 for December 3
- December 7 for December 17
- January 4 for January 14
- January 18 for January 28
- February 1 for February 11
- February 15 for February 25
- March 7 for March 17
- March 28 for April 7
- April 11 or April 21
- April 25 for May 5
- May 9 for May 19
- June 9 for June 23
- July 7 for July 21

## Employee Night at the Court

The second annual Employee Night at the Court is planned for Cornell faculty and staff.

Barton Hall has been reserved for January 23, 1988 - Columbia vs. Cornell basketball.

A pregame chicken barbecue will be served in Barton.

This is another event sponsored by the athletic department, the Office of Human Resources, the Employee Assembly, and the Employee Elected Trustee.



Look for more details in future issues of Networking.