

# Cornell Chronicle

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## All-Out Effort Made on Measles Vaccinations

### As Many as 3,000 to 4,000 Students May Be 'At Risk'

When thousands of Cornell students take off later this month for spring break, they'll be in settings where the spread of infectious diseases — particularly measles — is most likely.

In an all-out effort to prevent an outbreak of measles on campus, Cornell Health Services is beginning an immediate free vaccination program aimed primarily at upperclassmen. Beginning last fall, new students—graduate and undergraduate—were required to have proof of immunization against a number of diseases, including the sometimes deadly measles virus.

Required immunization was not retroactive for continuing students, but medical records on file suggest that about 60 percent of the students admitted prior to the new policy do have adequate protection. However, anywhere from 3,000 to 4,000 of the more than 17,000 students on the Cornell campus may be "at risk," according to health officials here.

Outbreaks of the highly contagious viral infection have been reported at Boston University, Ohio State, Oberlin College, the University of Michigan, and at Principia College.

Cornell officials are quick to point out that there is no immediate cause for alarm on the Ithaca campus, but spring travel plans increase the likelihood of problems after students return to Ithaca.

Thousands of students from hundreds of colleges have begun gathering in Florida and other popular warm-weather locations for their annual spring ritual on the beaches. Seniors on the job market trail this time of the year add to the problem. Cornell's spring break is March 30 - April 1, thus the timing of Cornell's preventive program is especially critical.

"Our students are very mobile during the spring semester, and many of them born after 1957 and prior to 1968 are particularly susceptible," says Dr. Alyn B. Ley, M.D., director of University Health Services.

Unless students and others have had the measles vaccine available after 1967, or contracted measles earlier in life, they are susceptible to the "two-week measles," the most common of childhood diseases.

The vaccine used most widely between 1957 and 1968 was a dead virus that was not always effective for lifetime protection. Today's vaccine, containing a live virus, is considered highly effective when given after 15 months of age.

Possible side effects from the vaccination include a sore arm or joint aches, but not enough to disrupt daily activity, Dr. Ley says. In some rare cases, adults may have a mild fever for a day or two.

The risks associated with measles are greater for adults than school-age children. Measles, also known as rubeola, usually begins with a high fever, cough, runny nose, and watery eyes. The characteristic dusky-red blotchy rash appears on the third to seventh day, usually beginning on the face and then becoming more generalized. Normally, it lasts four to six days.

It is the complications that can arise that have health officials so concerned. Ear infections, pneumonia, and encephalitis can lead to convulsions, deafness, brain damage, and, in rare cases, death.

Cornell health officials explain that the illness is spread by direct and indirect contact with nasal or throat secretions, urine, or through articles that have been freshly soiled with these secretions.

By immunizing students before they leave for spring break, Cornell Health Services staff hope to prevent an outbreak of measles "that could be very disruptive and costly on campus."

Health Services officials urge all students to check their immunization records to be sure that they are properly immunized against measles. For information on their current health records, students can call 256-4082 or 256-4364. They can also obtain information from parents, high schools, or their source of medical care prior to enrolling at Cornell.

Students who need immunization can receive the vaccine free from Gannett Health Center. Spouses of students can receive the vaccine for a \$6 fee.

Students should sign up at the Gannett Health Center from 8:30 a.m. to 11:30 a.m. and 1:00 p.m. to 4:30 p.m. Monday through Friday.



Jane Brown, nursing supervisor at Gannett Health Center, and Wendy Holden (left), a sophomore in the College of Agriculture and Life Sciences, demonstrate how easy it is to get a vaccination against measles.

## Large-Scale Computing Has Many Research Uses

### Theory Center Will Match Machines to Computational Needs

Large-scale computing is used at Cornell in studies ranging from the galaxies to subatomic particles, from the motion of drifting continents to the movement of toxic wastes. One common difficulty is that these scientific problems are always taxing the capacity of existing computers.

As Cornell begins to build its production supercomputing facility, a part of the Center for Theory and Simulation in Science and Engineering, researchers have the best chance yet of matching machine to their computational needs. The Theory Center was established last month with a grant from the National Science Foundation and equipment support from IBM Corp. More than 200 faculty members from four Cornell colleges have joined the Theory Center, and are eagerly awaiting to use this new facility for their problems. Because the Theory Center has been designated a National Advanced Computer Center by the National Science Foundation, advanced computing capabilities will also be available to re-

searchers from other universities, and government and industry laboratories.

The Theory Center supercomputer will be of great value to Cornell research in the sciences and engineering because "it will bring 'state of the art' computing to the campus," according to Ravi Sudan, one of three principal investigators in the NSF-funded program. (The others are Kenneth M. King, vice provost for computing, and Kenneth G. Wilson, professor of physical science.) As researcher in controlled nuclear fusion and the physics of space plasmas, Sudan has been taking his fusion and plasma physics problems for more than 15 years to supercomputers at the National Center for Atmospheric Research Computing Center, and at other national laboratories.

"Experiments to create and confine high-temperature plasmas — in the tens of millions of degrees — are extremely expensive and cost hundreds of millions of dollars," Sudan explains. "It is very impor-

tant to know the physics as well as the engineering of devices that contain plasma before you construct them. The properties of this kind of high-temperature matter can be studied through the application of basic physical laws, but in order to acquire a deeper understanding, one has to solve these problems numerically employing the largest computers available. That is why the most powerful computing centers at this time are devoted to the study of high-temperature plasma."

Among many other Cornell proposals for supercomputer time are:

—Molecules moving about in living cells can be tracked — in two dimensions — with a videomicroscopy system that detects fluorescent images of individual molecules. Physicists who developed the system at Cornell plan to expand their molecule-tracking system to three dimensions, and analyze their findings with the computa-

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RAVI SUDAN  
One of Three Principal Investigators

# Surgeon General Discusses Handicapped Newborns

## Says Government Should Ensure Medical Care

Severely handicapped newborns have a right to life, and the government should ensure that such infants receive the medical care necessary to give them a chance for survival, the U.S. Surgeon General said last week during a lecture on campus.

Parents and doctors should be allowed to deny medical treatment to handicapped newborns only when the infants are irreversibly comatose, or when attempts to save them would be futile, inhumane, and only prolong its death, said Dr. C. Everett Koop. He spoke on the topic: "Withholding Medical Treatment from Severely Handicapped Infants: Euthanasia or Infanticide?"

The March 7 program, sponsored by the Law, Ethics, and Religion Program at Cornell's Law School, focused on an issue that has received increasing attention since the 1982 death of "Baby Doe" and subsequent deaths of other handicapped newborns who were denied advanced medical care.

Baby Doe, who was born with Down's Syndrome and an obstruction in his esophagus that required surgery if he was to survive, died after his parents refused to permit the surgery. Medical recommendations were divided.

"No one did anything violent against Baby Doe, but no one lifted a finger to help him, either," Koop told about 400 people who attended his lecture and a panel discussion at the law school. "(The baby) was a victim of discrimination instead of, or in addition to, being a victim of abuse and neglect."

If Baby Doe had suffered from only one of his two known defects, he undoubtedly would have been treated and probably would have survived, Koop claimed. Those who wish to deny medical treatment to such newborns because they are concerned about the child's potential "quality of life" are actually saying, "It's not worth our effort to really care for him," he charged.



John Lee Smith (standing at right), dean of students at the Cornell Law School, welcomes students, doctors, and others to last week's discussion on withholding medical care from severely handicapped newborns. The featured participant in the afternoon seminar and an evening panel discussion was the U.S. Surgeon General, Dr. C. Everett Koop, who is sitting second from the right in the front row above.

"There is no way at birth to predict with any accuracy just what the quality of life will be for that child."

"That (handicapped) child is a citizen and deserves to be afforded the protection of the state," Koop added, citing laws regarding truancy, child abuse, and immunization as accepted government interference against parental decisions and actions that significantly harm their child's future.

In a panel discussion following his remarks, Koop's views were challenged by Margaret Somerville, professor of law and of medicine at McGill University, and by Laura Purdy, assistant professor philosophy and ethics at Wells College.

"Do newborns have a right not to suffer?" asked Purdy, who said that the best course for the infant may not always be medical treatment, but death. "Maybe we could be more of a friend to the helpless

and weak in some cases if we ensured that they didn't experience certain suffering."

"Who is going to decide what is beneficial or inhumane treatment?" asked Somerville, who said the decisions are moral ones, not medical or political. The medical community or the government are not necessarily more qualified than families to make such decisions, she said.

Also, "We have to be honest with ourselves on our motives," she suggested. While a decision to withhold treatment can be based on convenience and financial responsibilities, not the child's welfare, decisions to offer treatment can be based on a desire to absolve ourselves of responsibility, not what is best for the infant.

The fourth panelist, Dr. Peter Auld, director of the Neonatal Intensive Care Unit at New York Hospital-Cornell Medical School, criticized "government intervention into the practice of medicine ... The

implication was that we were out there starving babies left and right."

Rather, he said, medical advances have saved many premature babies who would not have survived several years ago. The problem, he said, is trying to decide when technology should be inflicted on a premature newborn in an attempt to save it, and when that pain and suffering is unwarranted and the baby should be allowed to die.

Koop suggested that voluntarily formed hospital ethics committees might be useful to help answer such questions, so that decisions are not left exclusively to parents, doctors, or the government.

If a severely handicapped newborn cannot be cured, there is still an ethical responsibility to offer that baby "something else that is ... more valuable ... a lot of genuine care," Koop concluded.

## Theory Center to Help Meet Research Computational Needs

Continued from Page 1

tional capability of a supercomputer.

—The planets in our solar system offer to astronomers a variety of atmospheres: different kinds of clouds and hazes, thermal structures, and flow patterns. Atmospheric models, built with data from Voyager missions to Jupiter and Saturn, will be explored by computer to learn more about the environment, about the surface of other

worlds, and about what could happen to our own.

—Computational techniques, including those developed by aerospace engineers at Cornell, are taking some of the trial-and-error out of designing aircraft wings that cut smoothly through the air around the speed of sound. The result is quieter and more efficient flight with less buffeting and drag. Access to increased computing power will allow the engineers to improve the

design of helicopter blades as well as automobile bodies.

—Electrical engineers at the frontier of smallness, making integrated circuits with materials a few atoms thick, are finding they cannot always predict the behavior of their tiny devices. Designs for faster, more efficient circuits will be simulated and analyzed for faults with powerful computers.

—Geologists know that the land under a glacier rebounds when the ice retreats, that basins sink when sediments accumulate, and that continents drift. The bigger picture — the interrelationships between these and other processes — eludes geologists. At Cornell, earth scientists are ready to put large scale computing to work on the most comprehensive analysis ever attempted on what they call the earth engine. From their studies may come a better understanding of such diverse phenomena as the location of mineral deposits and the occurrence of earthquakes.

—The economic and air quality effects of controlling emissions from individual electric power plants throughout the U.S. is a puzzle of great interest to consumers, who must pay the extra cost of controls, and to the Environmental Protection Agency, for which Cornell economists are studying this problem.

—The movement and cycling of disease epidemics can be modeled with large-scale computing by ecologists who are now tracking influenza strains, and who expect to

expand their approach to the study of a wide variety of diseases and to the spread of deliberately released, genetically engineered microorganisms.

—Sociologists intend to use super-computing powers in a technique called microsimulation. Among theoretical questions are: Will the American middle class shrink in response to occupational trends, demographic forces, more women in the workplace and changing immigration patterns? Why has poverty increased in recent years — because of tax-transfer policies, the increase in single-parent families, competition from foreign products, changes in the structures of jobs, or all of the above?

—flipping a coin or even years of accumulated experience aren't much help to a farmer faced with the decision of applying pesticides: the number of combinations of management practices and weather patterns are enormous. Environmental engineers, now focusing on apple and alfalfa production, will use large-scale computing to recommend pest-management strategies that eliminate much of the guesswork.

—Massive computational support is needed in one down-to-earth subject, the study of root growth in soil. Knowing the response of roots to loose and to compacted soil will help agricultural engineers develop more productive plants and recommend more rational strategies for soil tillage, one of the most costly tasks in modern agriculture.

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# Engineering Academy Honors Two from Cornell

Two professors here — Yih-Hsing Pao and Shan-Fu Shen — have been named to the National Academy of Engineering, the highest professional distinction that can be conferred on an engineer.

They are among 67 engineers in the United States elected to the academy this year. Pao and Shen were among 24 academics elected this year to the academy, which is dominated by engineers from private industry. There are now a total of 1,238 U.S. members and 108 foreign associates.

Pao, the Joseph C. Ford Professor of Theoretical and Applied Mechanics, was chosen "for contributions of basic significance and for stimulating innovative applications in the field of wave propagation in elastic solids."

Shen, the John Edson Sweet Professor of Engineering in the Sibley School of Mechanical and Aerospace Engineering, was

singled out "for fundamental contributions to aerodynamics and non-Newtonian fluid mechanics."

Both are currently on leave from Cornell. Pao is at the Institute of Applied Mechanics at the National Taiwan University; Shen is at the Institute of Space and Astronautical Science in Tokyo.

Pao joined the Cornell faculty in 1958. He earned the B. Engr. in civil engineering (1952) from National Taiwan University, the M.S. in mechanics (1955) from Rensselaer Polytechnic Institute, and the Ph.D. in applied mechanics (1959) from Columbia University. He was named a professor in the department of theoretical and applied mechanics in 1969 and was named to the Ford endowed professorship this year. He served as chairman of the department from 1974 to 1980.

Shen, a member of the Cornell faculty since 1961, earned a B.S. in aeronautical

engineering (1941) from National Central University, China, and the Sc.D. (1949) from Massachusetts Institute of Technology. He was on the faculty of the University of Maryland for 11 years before coming to Cornell as full professor. He was named to the Sweet endowed professorship in 1978.

Other Cornell faculty who are members of the National Academy of Engineering are President Emeritus Dale R. Corson; Raymond C. Loehr, professor of agricultural and environmental engineering; James W. Mayer, professor of materials science engineering; and Franklin K. Moore, professor of mechanical and aerospace engineering.

The academy, a private organization established in 1964, "honors those who have made important contributions to engineering theory and practice." It examines questions of science and technology at the request of the federal government.



Yih-Hsing Pao



Shan-Fu Shen

## Dorm Rooms Are Available At Graduation

Most hotels and motels in and near Tompkins County are already booked for the university's 1985 commencement weekend. However, residence hall accommodations on campus are available for the nights of May 31 through June 2. The commencement ceremony is Sunday, June 2, at 12 noon.

The department of residence life is offering residence hall accommodations in Hurlburt House, High Rise 1, Low Rise 10, Balch Hall, Anna Comstock Hall, Risley Hall, Clara Dickson Hall, Mary Donlon Hall, Cascadilla Hall, Sheldon Court, Hughes Hall, Baker halls, and the University halls.

Graduating seniors currently living in residence halls may make reservations for commencement guests in their own units or areas beginning April 8. Other degree candidates may make reservations for all remaining spaces beginning April 15. There is a limit of eight spaces per graduate.

Rates per person, per night are \$16 for adults and \$8 per child in a room with an adult; at Hurlburt House, the rates are \$19.25 and \$9.75. Rates include a furnished room with linens, towels, and soap, but do not include daily room service.

Reservations must be made in person between 8:30 a.m. and 3:30 p.m. at the residence life office in: Balch Hall for Balch and Anna Comstock; Cascadilla Hall; Clara Dickson Hall; Hughes Hall; Hurlburt House; Mary Donlon Hall; Risley Hall; Robert Purcell Union for spaces on upper North Campus; Sheldon Court; and in Class of '17 Hall for University and Baker halls.

For further information, call 256-5359 or 256-5511.

## Series of Special Campus Events Scheduled To Celebrate National Agriculture Day Here

Students will stage a series of special events on campus, starting March 22, to celebrate National Agriculture Day locally.

Organized by the Positive Action Council (AgPAC), a student group in the New York State College of Agriculture and Life Sciences at Cornell, the theme of the local "Ag Weekend" is "Many Faces of Agriculture."

Ag Weekend is designed to help foster an appreciation for the agriculture industry by recognizing the vital role it plays in the United States, according to student organizers. Events at Cornell will include a square dance, hay rides, a public talk on agriculture, displays of farm equipment, and milking demonstrations, among other activities.

Kicking off the festivities is the square dance scheduled for 8 to 12 p.m. Friday, March 22, in Martha Van Rensselaer Hall Auditorium. Tickets, available at the door, are \$2 per person and \$3 per couple. Refreshments will be served.

At 11 a.m. Sunday, March 24, Don Bay general manager of the Upstate Milk Cooperative in LeRoy, New York, will speak on

the implications of the 1985 Farm Bill for the dairy industry in New York State. A 1955 graduate of Cornell, Bay is a nationally recognized expert on dairy policy. Bay's presentation, free to the public, is scheduled to take place at the Big Red Barn. Reservations are required, however; contact the Office of Admissions of the College of Agriculture and Life Sciences at 256-2036.

The "Ag Weekend" program will climax on Monday, March 25, with displays of animals in Willard Straight Hall and of farm implements outside the building. Various student groups and fraternities will set up booths explaining, among other things, the role of the College of Agriculture and Life Sciences in education, research, and Cooperative Extension activities for farmers and consumers.

"Visitors will be treated with cold apple cider and hot baked potatoes," says one of the student organizers, Elissa Consigli, who majors in plant breeding. "T-shirts with the slogan — 'We Grow the Ivy' — along with special Ag Weekend buttons will be on

sale for souvenir hunters."

Those aspiring to take a nostalgic hay ride can hop aboard tractor-pulled hay wagons to be in service between Bailey Hall and Willard Straight Hall all day Monday.

A cow with signs draped over her body will be paraded around the campus March 21, 22, and 25 to promote campus-wide awareness of "Ag Weekend 1985."

Ag Weekend is funded by the office of instruction of the College of Agriculture and Life Sciences. The organizing student group, AgPAC, represents more than 30 clubs and organizations in the college. It provides a forum for student-faculty interaction, encourages the discussion of instruction and policy issues, and serves as a channel for communication between students in the college.

For more information about Ag Weekend events, contact Kathy Baumler at 257-7693 or Kevin Jack at 257-4158. Both are co-directors of the upcoming Ag Weekend activities.

## Women's Development Fund Established

Provost Robert Barker has announced the establishment of a Women's Development Fund in the amount of \$60,000 to be used for the professional development of women faculty at Cornell University.

Women on the instructional and research staff, excluding the Medical School, as of Sept. 11, 1984, are eligible to apply for a grant from the fund in the maximum amount of \$2,500. This includes professors, associate professors, assistant professors, instructors, senior lecturers, lecturers,

senior research associates, research associates, and Cooperative Extension associates and senior associates.

A grant must be used for professional development, which is defined as attendance at and participation in lectures, conferences, professional meetings, and symposia; summer research projects leading to the writing of scholarly articles or books for publication or as an enhancement of an individual's skills and reputation within the academic community; pro-

fessional travel; computer expenses; expenses of graduate assistants' stipends; and other related expenses to enhance academic reputation.

Applicants for grants from the fund should submit to the provost a brief description of the project they wish to undertake or the expenses they plan to meet with the grant. Application forms are being mailed to deans and department chairpersons; forms also are available from the Office of the Provost.

## Nine Undergraduates Get Summer Study Grants for Europe

Nine undergraduate students here will conduct research in Europe this summer with funding from the W.K. Kellogg Foundation. The foundation recently awarded a \$101,600 grant to the university to bolster agricultural literacy among liberal arts students.

According to John H. Weiss, director of Cornell's Western Societies Program, which is coordinating the project, the students will spend nine weeks in either Ireland, France, Spain, Switzerland, Italy, West Germany, or Hungary.

Their projects will include energy use in Swiss Alpine agriculture; status of women in rural Hungary; heart attack rates among newly established Irish dairy farmers; and

ecological themes in West German political movements, among others.

Weiss said the students are spending this term in independent study designed to prepare them for the summer research. Before reporting to their respective sites, they will participate in a week-long seminar in Paris where they will discuss their research themes with European experts.

Funding covers all travel and living expenses. The Kellogg grant supports a three-year pilot program at Cornell that may be adopted at other campuses across the country.

The students chosen in a university-wide competition, and their research themes and sites, are:

— Kenneth Beckman, College of Arts and Sciences, will study the social implications of energy use patterns in Swiss Alpine agriculture;

— Brigitte Brandt, New York State College of Agriculture and Life Sciences, will study rural depopulation and repopulation in the Indre district of France;

— Matthew Lyons, College of Arts and Sciences, will study ecological themes in West German political movements;

— Heather Martens, College of Arts and Sciences, will study the use of the mass media by rural populations in West Germany.

— Molly McGarry, College of Arts and Sciences, will study worker productivity in

the Mondragon cooperative complex in the Spanish Basque country;

— Elena Moneti, College of Arts and Sciences, will study the impact of European Common Market policies on Italian agriculture;

— Siobhan Moss, College of Arts and Sciences, will study the status of women in rural Hungary;

— Kerry O'Toole, College of Arts and Sciences, will study the role of the Catholic Church in rural social and economic development in post-Franco Spain; and

— Lisa True, New York State College of Human Ecology, will study the causes of changing heart attack rates among newly established Irish dairy farmers.

# Agricultural Technology Has New Potent Tools

## Biotechnology to Give America New Push, National Panel Says

By YONG H. KIM

America's unmatched agricultural technology, which has made the United States the breadbasket of the world, now has new powerful tools — modern genetic techniques — to achieve even greater strides in the years ahead, according to a panel of the nation's leading agricultural scientists.

Dramatic advances made in the so-called "new biology," known more broadly as biotechnology, offer scientists a "fresh starting point" for progress toward potentially great rewards, the panel says.

"What scientists will now be able to accomplish through the use of modern molecular genetic techniques is awesome," the group points out. "To be slow in acknowledging and employing the power of these new tools would be to delay the progress of American agriculture."

The 18-member panel, led by a Cornell University scientist, made the point in a comprehensive report issued this month. The 120-page report is based on a year-long study conducted by a select committee created by the Board of Agriculture of the National Research Council (NRC).

Ralph W. F. Hardy, a visiting professor of life sciences in the New York State College of Agriculture and Life Sciences at Cornell, served as chairman of the Board of Agriculture's Committee on Biosciences Research in Agriculture, which prepared the report — "New Directions of Biosciences Research in Agriculture: High-Reward Opportunities."

Two other Cornell scientists were members of the panel — Milton Zaitlin, associate director of the Cornell Biotechnology Program and professor of plant pathology, and Dale E. Bauman, professor of nutritional biochemistry.

The committee, says Hardy, represented a breadth of knowledge across the disciplines of science as well as a combination of experience in research, management, and administration in both academe and industry.

The study was conducted for the Agricultural Research Service, the research arm of the U.S. Department of Agriculture, to identify and recommend areas of research in "bioregulation" to be pursued to "ensure the highest dividends to agriculture."

"The basic research approaches and goals outlined in this study can apply to the agricultural research community at all levels," says Hardy, who is also president of a Boston-based biotechnology firm known as BioTechnica International.

Pointing to the great potential of molecular genetic and recombinant DNA

techniques, or gene splicing, the NRC report suggests how these scientific tools might be used, along with other methods, to yield new insights into studies of food animals, crop plants, and disease organisms and insect pests attacking food plants and animals.

The development of genetic theory, the growing understanding of the DNA molecule, and the expanding capabilities in cell and tissue culture now enable scientists to manipulate the gene — the basic blueprint of life — to boost the efficiency and productivity of American agriculture, the report says.

"Modern genetic technology, including recombinant DNA and the ability to isolate, transfer, and express foreign genes in crop plants and food animals, will likely be a major impact on agriculture comparable to that of the discovery of the laws of inheritance in the late 1800s," the report points out.

What scientists have come to understand about plants and animals over the past several decades is impressive. The result is an overall increase in agricultural productivity of 240 percent in the past 50 years.

This increase is characterized by dairy cows that have more than doubled milk production per cow since 1950 and by dramatic improvements in grain yields.

Armed with the rapidly advancing techniques of the new biology, scientists now possess the ability to visualize the gene — to isolate, reproduce, and study its structure and its relations to the processes of living things, the report notes.

"The molecular genetic and recombinant DNA techniques are opportunities to be seized," the report stresses. "They are tools, not an end in themselves. They can be employed to discover additional basic information about genes and the protein products that trigger a response to disease, regulate growth and development, or govern communication between cells and between organs."

Stressing the need to step up basic research to develop further the molecular genetic and recombinant DNA techniques, the report cites some of the major areas of research aimed at boosting the agricultural efficiency and productivity to new heights.

In the areas of the plant sciences, the report calls for stepped-up research, to make crop plants more efficient producers of food through intensified studies of photosynthesis, biological nitrogen fixation, regulation of plant growth and development, gene expression, cell culture and plant regeneration, plant response to

stress factors such as drought, salt, cold, heat, and toxic chemicals in soil, among other things.

The average yield for eight major U.S. crops — corn, wheat, soybeans, sorghums, oats, barley, potatoes, and sugar beets — is estimated to be only some 20 percent of the record yield for the same crops, the report points out. Of the unrealized 80 percent of the potential yield, stressful conditions account for about 70 percent, with the remaining 10 percent attributable to insects and diseases.

As for animal production, the report suggests research to be strengthened to overcome numerous barriers to greater production efficiency.

Among areas of research that should receive greater attention, as the report points out, are studies dealing with molecular basis of disease, including genes regulating the immune response, and pathogens and carriers of disease, molecular basis for metabolic regulation,

including characterization of hormones and other bodily chemicals, metabolic control and function of cells, in vitro manipulation of cells and embryos, addition of genetic materials to embryos, and reproductive efficiency.

In addition to research areas, the report spells out some of the conditions that can provide the optimum research environment in meeting the challenge ahead. These conditions include the availability of funds, quality researchers, suitable facilities, the equipment, and "the presence of an attitude that encourages and supports scientific research of the highest caliber."

"The outcome of the best science is unpredictable, but scientific research at times yields a unifying idea or theory — a key that revolutionizes the understanding of a specific area of science and opens the way to new discoveries and practical applications," the report states. "This has just happened in biology with molecular genetics."

## Pulitzer Author Eudora Welty Here As A.D. White Professor-at-Large

Pulitzer prize winning author Eudora Welty, one of Cornell University's Andrew D. White Professors-at-Large, will make her initial visit to campus March 25 through 29.

Elected a professor-at-large last year, Welty will give a free public reading from her works at 8 p.m. Wednesday, March 27, in Alice Statler Auditorium of Statler Hall.

An article in Current Biography says of Welty: "Southern regional fiction has retained its vitality through the work of some of the country's most distinguished (living) writers, preeminently, perhaps, Eudora Welty. Her perception of the distinctive Southern character, enduring in the midst of change, has provided her with a means of exploring the mystery of the duality of

human beings also beyond the Southern landscape ... Miss Welty acquired an early mastery of the short story. Her extraordinary resources, however, became fully apparent only in her more recent extended fiction, "Losing Battles," and the novel for which she won the 1973 Pulitzer Prize, "The Optimist's Daughter."

During her one week stay at Cornell, Welty will meet with students and faculty and take part in undergraduate and graduate seminars. She will conduct open office hours from 10 a.m. to noon Tuesday, Wednesday, and Thursday (March 26, 27, 28) in 169 Goldwin Smith Hall. In addition, she will be available for scheduled appointments; to make an appointment, telephone 256-3544.

## Japan's Noho Theatre Here March 27

Japan's Noho Theatre Group, on a return visit to the United States, will perform for one night at Barnes Hall on Wednesday, March 27.

Featuring "kyogen" actors Shigeyama Akira and Maruishi Yasushi, the Noho will combine a program of traditional kyogen comedies and a performance of Samuel Beckett's "Act Without Words I and II."

Kyogen are earthy, stylized comedies which involve exacting choreography, mime sequences, and vocal acrobatics. The kyogen comedies to be featured are "The Persimmon Thief," in which a hungry Mountain Wizard is caught stealing fruit and imitates a crow, a monkey, and a hawk to avoid capture; and "The Thunder God," in which a god falls to earth, hurts his hip, and is cured by a quack acupuncturist.

Beckett's existential parables are also on the bill and will be performed in the stylized techniques of the kyogen. The London Sunday Telegraph acclaimed the

Japanese fusion for achieving "an intensity which I have never seen surpassed in any western production." The Edinburgh Festival Times declared: "You may wonder at Beckett in Japanese, but on stage it seems the only way."

The China-Japan Program, the department of theatre arts, and the Council of the Creative and Performing Arts at Cornell are jointly presenting Noho, which was founded in May 1981.

In addition to the evening performance, Noho will offer a kyogen workshop at 4:45 p.m. Wednesday, March 27, in Helen Newman Dance Studio. Sign-ups for the workshop may be made at the China-Japan Program offices (140 Uris Hall) or at the Helen Newman Dance Studio.

Tickets for the plays, which begin at 8:15 p.m., cost \$5 and are available at the Willard Straight Hall ticket office, the China-Japan program offices, and the Helen Newman Dance Studio.

## Midwest Banking Leader to Give Durland Memorial Lecture Here

Gordon E. Heffern, head of one of the largest banking groups in the Midwest, will give a public lecture on entrepreneurship here Thursday, March 21.

He will speak at 4 p.m. in Bache Auditorium of Malott Hall at the Samuel Curtis Johnson Graduate School of Management. His talk is titled "Financing Entrepreneurship - Fueling the Engine that Drives the Economy."

Heffern is chairman of the board, chief executive officer, and director of Society Corporation, a Cleveland based banking operation with \$8 billion in assets. He has been with Society since 1974. Its commercial bank subsidiaries operate 192 offices throughout Ohio. The lead bank is the Society National Bank in Cleveland.

Heffern says the entrepreneur holds special significance for Society. When the bank converted to a commercial bank from a mutual savings bank in the 1950s, Society officials saw the need for financing small business, he said. In less than 20 years, Society has grown from a \$500 million to an

\$8 billion bank.

His talk will be the second annual address in the Lewis H. Durland Memorial Lectures, established in honor of the former treasurer of Cornell. Durland, who died in 1982, was university treasurer from 1948 until his retirement in 1973.

Heffern served in the U.S. Navy during World War II, attended Stevens Institute of Technology in Hoboken, NJ, and was graduated from the University of Virginia.

He went to Cleveland in 1951 as a security analyst and assistant to the senior investment officer at The National City Bank. He was a vice president at National City when he left Cleveland to take a position with the First National City Bank of Alliance, Ohio.

In 1963, he was elected president and chief executive officer of the Goodyear Bank of Akron, Ohio, and held that position for eleven years until May 1, 1974, when he joined Society. He has held his current position since April 1983.

## Oboe, Harpsichord in Statler Concert

The last concert of Cornell University's 1984-85 Statler series will be Tuesday, April 9. The 8:15 p.m. program will include works by Marais, Bach, Scarlatti, Couperin, and Holliger, featuring Heinz Holliger on oboe, and Christiane Jaccottet on harpsichord.

Between them, Holliger and Jaccottet have made more than 170 recordings. In fact, Holliger and his wife, harpist Ursula Holliger, recently recorded "Double Concerto for Oboe, Harp and Chamber Orchestra," written especially for them by Witold Lutoslawski. The recording was released by Vox Cum Laude Digital along

with the Strauss Oboe Concerto with Michael Gielen conducting the Cincinnati Symphony. Gielen and the Cincinnati Symphony will be a part of Cornell's 1985-86 concert season.

Tickets for the Holliger-Jaccottet concert go on sale Tuesday, March 19, at the Lincoln Hall ticket office. For more information, phone 256-5144 between 9 a.m. and 1 p.m., weekdays.



Another of the old photographs from Cornell University Archives is this one of an early crew regatta along the east shore of Cayuga Lake sometime in the 1930s. The Class of 1949 has underwritten the cost of making prints from old negatives in the Archives.

## Physics Faculty Member, Sethna Wins Sloan Prize

James P. Sethna, assistant professor of physics, has been awarded a 1985 Sloan Research Fellowship worth \$25,000.

He is one of 90 young scientists and economists "of extraordinary promise" selected for the prestigious fellowships by the Alfred P. Sloan Foundation.

Sethna is also one of nine assistant professors at Cornell to receive a Presidential Young Investigator Award this year, worth up to \$100,000 a year each for five years of research.

Ten of the more than 2,000 young researchers awarded the fellowships since their inception in 1955 have received Nobel Prizes later in their careers.

Five of these 10 are, or have been, affiliated with Cornell. They include Nobel chemist Roald Hoffmann ('81) and physicist Kenneth G. Wilson ('82), both currently on the Cornell faculty. In addition, Sheldon Glashow ('79) and Steven Weinberg ('79), Nobel laureates in physics, are both 1954 graduates of Cornell. And Nobel physicist Richard P. Feynman ('65) taught at Cornell from 1945 to 1950.

This year's fellows have an average age of 31 and are working at 51 colleges and universities on problems at the frontiers of physics, chemistry, neuroscience, economics, and pure and applied mathematics.

Sethna joined the Cornell faculty in the fall of 1984 in the Laboratory of Atomic and Solid State Physics. He is the author of 16 papers in the areas of amorphous systems, defects in liquid crystals, quantum tunneling, and dynamical systems.

He earned a B.A. in physics magna cum laude (1977) at Harvard University and a Ph.D. (1981) from Princeton University.

## Women's Month Program Opens Today, Runs Through March 26

A program, which its organizers hope will become an annual event, begins today on the Cornell campus. "Women, A Month of Awareness," will run through Tuesday, March 26. Its purpose: to promote awareness of National Women's Week.

Free to the public, the program includes everything from panel discussions to a reception with best-selling author Nora Ephron.

The schedule of events is as follows:

— Today, Men and the Media, 7 p.m., Room 310 Noyes

— Thursday - Sunday, March 14-17, "The Yellow Wallpaper" by Charlotte Perkins Gilman, directed by Rachel Cohen, playing at Risley Theatre 8-10 p.m.

— Monday, March 18, Women and Work, speaker: Jennie Farley, 7:30 p.m. room 310 Noyes.

— Tuesday, March 19, Women and Health, 7 p.m. room 310 Noyes. "Women of Color," a panel discussion with women of various ethnic backgrounds, 7:30 p.m. R.P.U. Multipurpose room.

— Wednesday, March 20, Women and Power, 4-5 p.m. room 310 Noyes.

— Thursday, March 21, Killing us Softly, 8

p.m. room 310 Noyes.

— Friday, March 22, Nora Ephron - author of "Heartburn," speaks on women's and men's issues in the eighties 3-5 p.m. lecture. Moot Courtroom - Myron Taylor. Reception immediately following.

— Saturday, March 23, Cathy Winter performs original folksongs about peoples' issues. Open mic 7 p.m., show at 7:30 at Sperry Hall.

— Monday, March 25, "Who are the real feminists?" (proponents of androgyny or male-female differences?) Prof. Mary Katzenstein, government, and Women's Studies, 7 p.m. Noyes Browsing Library.

— Tuesday, March 26, Women Under Apartheid, 7 p.m., room 310, Noyes.

Sponsors of "Women: A Month of Awareness" include: CLUBWEST, Division of Campus Affairs, Pan Hellenic Council, Noyes Center Program Board, Women's Studies Program, West Campus program staff, Robert Purcell Union Council, Baker Court, Sperry Community, U-Haul 2,3,4, 5, and MLM-1.

For more information, contact Claudia Grossman of CLUBWEST at 256-7210 or 256-0021.

## County Employers Form A Health Care Coalition

In 1965, the nation's health care costs totaled approximately \$42 billion. Less than 20 years later, in 1983, that figure had skyrocketed to \$355 billion. local level is

It is these spiraling costs that have individuals and employers biting their nails and begging for relief. Offering relief on a local level is exactly what 10 Tompkins County employers are attempting to do. Toward this end, they have banded together and formed The Tompkins County Employers Health Care Coalition.

On Monday, March 18, at 2:30 p.m., NCR Corp. will host a meeting of the coalition. The guest speaker will be a representative of the Pre-Paid Health Plan of Syracuse, according to Richard Thorn, chairman of the group and personnel director of NYSEG.

As a member of the coalition, Cornell has an interest in keeping the lid on health care costs. For example, in 1983-84, it cost the university more than \$5 million to keep the endowed employees covered with health insurance.

Other members of the group, created in 1984, include: Morse Industrial Corp., New York State Electric & Gas Corp., Borg Warner Automotive, Ithaca College, Tompkins Community Hospital, Ithaca City Schools and County Chamber of Commerce.

Developing a health maintenance organization for the Finger Lakes region is a possible cost saving measure under discussion. In a series of papers and books between 1978 and 1980, health policy analyst Howard Luft, after reviewing a large

number of HMO cost studies, concluded that total costs (both premiums and out-of-pocket expenditure) are from 10 percent to 40 percent lower in HMOs than in conventional health insurance plans. The principal means by which HMOs contain costs is by reducing hospitalization — the most costly component to medical care.

In fact, the hospital has commissioned a feasibility study to see whether pre-paid health plans could be offered to employers in the area as an alternative to traditional health insurance now paid by companies.

Thorn expresses some concern about the ability of Tompkins County to support an HMO on a long-term basis. However, he sees voluntary price freezes by physicians, and government limits of medicare payments as positive steps toward flattening out soaring costs.

Until the coalition has had time to come up with a viable local alternative to a national problem, Thorn suggests that employees "shop" for the best medical rates. Seek second opinions, he says. Often, employers are glad to pay for a second opinion that will save money. And, when possible, deal with medical care on an out-patient basis rather than obligating oneself for a stay in the hospital.

"One of the main tasks of the coalition is to find ways to educate our employees about reducing medical costs. We want them to know it's alright to question doctors about costs. We want them to be able to use the system to their advantage," Thorn adds.

## Senior Wins British Scholarship

Song Tan, a senior in the College of Arts and Sciences, is one of 30 American students to be awarded all-expenses-paid scholarships to British universities over the next two years.

Sponsored by the British government, the annual scholarships were established in 1953 in honor of U.S. General George C. Marshall "as an expression of British appreciation for the generous help given to Europe under the U.S. Marshall Plan."

Tan, whose home is in Miami, Fla., plans to do graduate work in biochemistry at Cambridge University. He was one of approximately 800 students to apply for the prestigious scholarships which are restrict-

ed to U.S. citizens under 25.

The awards cover all the costs of tuition and maintenance for undergraduate or graduate study in Britain, with a little left over to encourage wider travel during vacations. Most scholarships cover two years, but can be extended to a third year.

The scholarship winners this year have been assigned to the universities of Belfast, Cambridge, Edinburgh, London, Oxford, Sheffield, and York. Their subjects range from astronomy, modern Greek, Japanese and Russian studies, and international relations, to postgraduate research in toxicology.

# Calendar

All items for publication in the Calendar sections, except for Seminar notices, must be submitted (typewritten, double spaced) by mail or in person to Fran Apgar, Central Reservations, 531 Willard Straight Hall at least 10 days prior to publication. Seminar notices should go to the Chronicle office, 110 Day Hall. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the calendar in which it should appear (lectures, colloquia, etc.) ALL DEADLINES WILL BE STRICTLY ENFORCED.  
\*—Admission charged.

## Announcements

### EARS

Just want to talk? That's what EARS Counselors are there for! They are trained listeners and are waiting to take a free and confidential "ear" to listen to your feelings, help you explore your situation and discover options. EARS Counselors provide non-judgmental, short-term counseling and have access to a wealth of information about other services at Cornell, if appropriate. Walk into WSH Room 211 or call 256-EARS. Su-Th, 3-11 p.m.; Fri & Sat, 7-11 p.m.

### Personal Growth Workshops

Personal growth workshops, small, 5 week discussion, skills building & support groups, begin the week of Feb. 11. All groups are free and confidential. Open to the Cornell community. Topics include: Building Satisfying Relationships (communication skills), Building Self-Esteem, General Personal Growth, Coping with Parental Divorce, Coming Out (separate sections for men & women), and Overcoming Writers' Block (for graduate students). To sign up or for more information, please call Greta at 256-3608 or stop by 103 Barnes Hall. Registration begins Jan. 31.

### Makhela (Hebrew choir)

Makhela (Hebrew choir), meets every Sunday at 9:00 p.m. in the Edwards Room, Anabel Taylor Hall.

### Panel-Discussion

On Tuesday, March 19, 1985 at 7:30 p.m., in Hollis E. Cornell Auditorium, The Women's Studies Program will present "Women and Professionalism: A Current Perspective". Introductory remarks by Robin Williams, Henry Scarborough, Professor of Social Science, Cornell University. Panel Participants: Betty Cornish, Vice President & Financial Consultant for Shearson Lehman-American Express, Inc., Laura Holmberg, Attorney, Carol O'Brien, Director, University Development, Cornell University and Marguerite Uphoff, M.D.

### Hands-on Workshop

A hands-on workshop on Fabric Decoration, sponsored by the Education Department of the Johnson Museum will be presented on Saturday, March 16, at 2:00 p.m. in the Johnson Museum.

### Fabric Painting Workshop

All ages are invited to "Explore Indonesian Textiles", by seeing the ancient art of batik demonstrated and participating in a fabric painting workshop on Saturday, March 16, from 10:30 a.m. to 12:00 p.m. at the Herbert F. Johnson Museum.

### Alternatives Library

Concerned about nuclear war? Many books, tapes and periodicals on disarmament and non-violent action available at the Alternatives Library, Anabel Taylor Hall, Cornell. Open to the public.

### Public Memorial Service

Public Memorial Service for the victims of the counter-revolutionary (Contra) war against Nicaragua, to oppose continued U.S. support of the Contras and to collect aid for schools and hospitals. Bring much-needed basic school supplies—paper, pens, pencils, and cassettes, and donations towards a baby incubator for a Women's Hospital in Managua. Saturday, March 16, procession from Terrace Hill at 11:30 a.m. to the Commons' main pavilion for the Service at 12:00 noon. For more information, call 273-8025.

### Gay Jews Support Group

A support group for gay Jews is being formed to share and explore related concerns and conflicts, possible ways to confront them, exchange religious and cultural context material. If interested in taking part, please call GayPac, 256-6482. Confidentiality ensured.

### Engineering Career Forum

Attention Freshman and Sophomore Engineers. The next Engineering Career Forum in

Chemical Engineering is coming up on Wednesday, March 20th at 4:30 p.m. in Olin Hall, Room 155. The Career Forums is a chance to hear firsthand about job opportunities for Chemical Engineers from Exxon and Proctor & Gamble representatives. A graduate student will also present the options of continuing education. For more information, contact the Engineering Admissions Office at 256-5008. Sponsored by the Engineering Ambassadors Association.

### Regional Seminar on Zionist Issues

The Progressive Zionist Caucus announces "Let's Take a Closer Look: An Introspective Regional Seminar on Zionist Issues", Friday, March 15, 6:00 p.m. - Saturday, March 16, in Anabel Taylor Hall. Kabbalat Shabbat at 6:30 p.m. on Friday, One World Room, followed by Shabbat Dinner and Guest Speaker. Come and take part in workshops and discussions on feminism, youth in Israel, our role as progressive Zionists, and much more. Call 273-4839 in the evening or on weekends for more information and to register.

### Hillel Ice-time

Hillel Ice-time at Lynah Rink, Monday, March 18, at 9:00 p.m. Affiliates: Free; non-affiliates: \$1.00. Free hot chocolate.

### Department of English Reception

The Department of English will hold a reception for students and faculty on Monday, March 18, at 4:00 p.m. in the Temple of Zeus. Current and prospective English majors and all interested students are invited.

### Writing Workshop Walk-In Service

Writing workshop walk-in service; free tutorial instruction in writing. Monday-Thursday from 3:30-6:00 & 7:30-10:00 p.m. and Sunday from 3:00-8:00 p.m. in room 174 Rockefeller Hall. Sunday-Thursday from 9:00-11:00 p.m. in room 340 Goldwin Smith Hall.

### Making Relationships Work

Making relationships work: A new 8 week workshop with Let Davidson, Ph.D., on creating satisfying and loving relationships, for individuals and couples, will meet Monday's, 7:00-10:30 p.m., beginning March 25. For more information and registration call 272-4131. Cosponsored by CRESPI.

### Personal Effectiveness Seminar

Personal effectiveness seminar: A new 8 week series with Let Davidson, Ph.D., on developing self-awareness and self-confidence, integrity, commitment, creativity, vitality, peace of mind to make your life work, will meet Thursday's, 7:00-10:00 p.m., beginning April 4th. For more information and registration call 272-4131. Cosponsored by CRESPI.

### Intramural-Horseshoes

Horseshoes (Men, Women, Co-Ed). Deadline on entries: Monday, March 18, at 4:00 p.m. in the Intramural Office. Located in Helen Newman Hall. Minimum of (2) to enter...Straight elimination tournament...Play starts Monday, April 8 or Monday, April 15...At Jessup. An entry fee of \$2.00 due with your roster to enter...Checks only please...Payable to "Dept. of P.E. & Ath., Intra. Div."

## Colloquia

### Monday

March 18, 12:15-1:15 p.m. 302 Uris Hall. "History, Modernity and Faith: Apolitical Baptists in a Southern Town", Carol Greenhouse, Cornell University. Sponsored by the Department of Sociology.

## Dance

### Cornell Folkdancers

The Cornell Folkdancers meet in the North Room of Willard Straight Hall on Sunday, March 10. Instruction is from 7:00 till 8:30 p.m., followed by request dancing till 10:30 p.m. Free; beginners welcome; no partners needed. For more information call 256-7149 or 257-3156.

### Jitterbug Club

The Jitterbug Club dances the 1st, 3rd and 5th Wednesday of every month from 9-11 p.m. in the Edwards Room in Anabel Taylor Hall. We teach beginners from 9-10 p.m. Call Jim at 273-5268 for more information.

### Scottish Country Dancing

Scottish Country Dancing. Everyone welcome. Teaching for beginners is 8-10 p.m. Sundays, except the 1st week of every month. We meet Mondays, 8-10 p.m. at 213 S. Geneva Street. For more information call 272-6229.

### Country Dancers

The Country Dancers meet each Tuesday 7:30-9:30 p.m. in Martha Van Rensselaer Hall (lobby near "Martha's") for English and contra dancing. No partners needed. Beginners welcome—each dance is taught. For more in-

formation call Connie at 272-1931.

### Israeli Folk Dancing

Israeli Folk-Dancing every Thursday from 8-11 p.m. in the One World Room, Anabel Taylor Hall. Teaching from 8-9 p.m.; requests, 9-11 p.m. Call Sharon at 272-4176 for more information.

## Exhibits

### Herbert F. Johnson Museum

"Order and Enigma: American Art Between the Two Wars", on view from February 20th through April 7th, is an exhibition of sixty-two paintings, prints, sculptures and drawings created between 1917 and 1941. Represented are Charles Burchfield, Stuart Davis, Arthur Dove, Edward Hopper, Georgia O'Keeffe, Grant Wood and many others.

"Dyer's Art Weaver's Hand: Textiles from the Indonesian Archipelago", an exhibition comprised of approximately fifty textiles from private collections representing many of the islands of Indonesia, is on view from February 20th through May 1st. Cornell University's Southeast Asia Program is sponsoring the show in conjunction with the museum.

### The Lagoon Cycle

Helen and Newton Harrison's "Lagoon Cycle" (1972-1984), is an epic piece of over fifty large-scale panels divided into seven sections, or lagoons. The work features a discourse between two characters who explore the ecological implications of cultivating Sri Lankan crabs as a new food source. Images include views of lagoons in Sri Lanka, close-ups of crabs, hand-colored aerial and satellite photographs, and maps. The exhibition will travel nationally after the Ithaca premiere. This exhibit will be presented from March 23 through June 2, at the Herbert F. Johnson Museum of Art.

## Films

Faculty opening on Cornell Cinema Advisory Board. Apply by March 19 to 527 Willard Straight Hall or call 256-3522.

Unless otherwise noted films are sponsored by Cornell Cinema.

### Thursday

March 14, 8:00 p.m. Uris Auditorium. "City of Pirates", (1983), directed by Raul Ruiz, with Guest Speaker Richard Pena. Open. Cosponsored by CUSLAR.

### Friday

March 15, 8:00 p.m. \*Anabel Taylor Auditorium. "Rocco and His Brothers", (1960), directed by Luchino Visconti with Alain Delon, Renato Salvatori, and Claudia Cardinale. Open. Cosponsored by Western Societies Program.

March 15, 9:45 p.m. \*Uris Auditorium. "Brendira", (1983), directed by Ruy Guerra, with Irene Papas, Claudia Chana, and Michael Lonsdale. Open.

March 15, 12:00 p.m. \*Uris Auditorium. "Android", (1983), directed by Aaron Lipstadt with Don Opper, and Klaus Kinski. Open.

### Saturday

March 16, 7:00 p.m. \*Uris Auditorium. "Erendira", (1983), directed by Ruy Guerra, with Irene Papas, Claudia Chana, and Michael Lonsdale. Open.

March 16, 8:00 p.m. \*Anabel Taylor Hall. "Hail the Conquering Hero", (1944), directed by Preston Sturges, with Eddie Bracken, Ella Raines, and Freddie Steele. Limited.

March 16, 9:15 p.m. \*Uris Auditorium. "Erendira", (1983), directed by Ruy Guerra, with Irene Papas, Claudia Chana, and Michael Lonsdale. Open.

March 16, 11:30 p.m. \*Uris Auditorium. "Android", (1983), directed by Aaron Lipstadt with Don Opper, and Klaus Kinski. Open.

### Sunday

March 17, 1:00 p.m. Johnson Museum. The Indonesian Film Series presents "Double Ikat at Tenganan Pegeringsingan III: Arranging the Patterned Warp" (27 minutes), and "Taram: A Minangkabau Village" (22 minutes). Cosponsored by the Southeast Asia Program.

March 17, 2:00 p.m. Johnson Museum. Laurie Anderson Video Program: to be shown "O Superman; Sharkey's Day; Difficult Music; and Laurie Anderson Interview." Cosponsored by NYSCA. Open.

March 17, 2:00 p.m. \*Uris Auditorium. "Captain January", (1936), directed by David Butler, with Shirley Temple and Guy Kibbee. Cosponsored by the Ithaca Youth Bureau. Open.

March 17, 7:30 p.m. Edwards Room, Anabel Taylor Hall. "Anou Banou", (1982) Hebrew with English subtitles. Award-winning documentary about Socialist, Zionist and Feminist pioneers of

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31								

1920's Palestine. Sponsored by Hillel and ProgressiveZionist Caucus.

March 17, 8:00 p.m. \*Uris Auditorium. "King and Country", (1964), directed by Joseph Losey, with Dick Bogarde and Tom Courtenay. Limited. Cosponsored by the Law and Society Program.

### Monday

March 18, 7:00 p.m. \*Uris Auditorium. "Autobiography of a Princess", (1975), directed by James Ivory, with James Mason. Open. Shown with "Mahatma and The Mad Boy", (1972), directed by Ismail Merchant. Cosponsored by the Southeast Asia Program.

March 18, 9:00 p.m. \*Uris Auditorium. "Satan's Brew", (1976), directed by R.W. Fassbinder. Limited to Film Club Members Only.

### Tuesday

March 19, 4:30 p.m. L-04 Uris Library. "Islamic Mysticism: Sufi Way", (27 minutes), color. Examines the influences of Sufi mysticism on Islamic life. "Buddhism: Path to Enlightenment", (30 minutes), color. Though the narration is oversimplified, the film beautifully depicts various aspects of Theravada Buddhism.

March 19, 8:00 p.m. \*Uris Auditorium. The Nadine Gordimer Stories: "Country Lovers; Oral History; and Six Feet of the Country", (1982). Open.

### Wednesday

March 20, 4:30 p.m. Uris Auditorium. "The Colonel Comes to Japan", (1982), directed by John Nathan. Documentary. Shown with "The Noumiko Mystery", (1965), directed by Chris Marker, and "The Elusive Geisha". Cosponsored by the China Japan Program.

March 20, 8:00 p.m. \*Uris Auditorium. "Morocco", (1930), directed by Joseph von Sternberg, with Marlene Dietrich and Gary Cooper. Limited.

### Friday

March 22, 7:00 p.m. \*Anabel Taylor Hall. "The Killers", (1964), directed by Don Siegel, with Ronald Reagan, Lee Marvin, and Angie Dickinson. Shown with "Hong Kong", (1951), directed by Lewis R. Foster, with Ronald Reagan and Rhonda Fleming. Open.

March 22, 10:00 p.m. \*Uris Auditorium. "Streamers", (1983), directed by Robert Altman, with Matthew Modine, Michael Wright, and Mitchell Lichtenstein. Limited.

### Saturday

March 23, 7:00 p.m. \*Uris Auditorium. "Streamers", (1983), directed by Robert Altman, with Matthew Modine, Michael Wright, and Mitchell Lichtenstein. Limited.

March 23, 8:00 p.m. \*Anabel Taylor Hall. "Bread and Chocolate", (1978), directed by Franco Brusati, with Anna Karina, and Nino Manfredi. Cosponsored by the Western Societies Program and the Aegean Society.

March 23, 9:30 p.m. \*Uris Auditorium. "Psycho", (1960), directed by Alfred Hitchcock, with Anthony Perkins, Janet Leigh, and Martin Balsam. Cosponsored by the English Department. Limited.

March 23, midnight \*Uris Auditorium. "Psycho", (1960), directed by Alfred Hitchcock, with Anthony Perkins, Janet Leigh, and Martin Balsam. Cosponsored by the English Department. Limited.

### Sunday

March 24, 1:00 p.m. Johnson Museum. "Double Ikat at Tenganan Pegeringsingan IV: Weaving on a Horizontal Backtension Loom," and "Marvel: A Jakarta Boy." Sponsored by Cornell University's Southeast Asia Program in conjunction with the Johnson Museum.

March 24, 2:00 p.m. \*Uris Auditorium. "Mon Oncle", (1958), directed by Jacques Tati, with Jacques Tati, Jean-Pierre Zola, and Adrienne Servanti. Cosponsored by the Ithaca Youth Bureau. Open.

March 24, 2:00 p.m. Johnson Museum. "The Little Match Girl Ballet", (1975), directed by Eleanor Antin, with Eleanor Antin. Shown with "The Eternal Frame", (1975). Open. Introduced by Helen and Newton Harrison.

March 24, 8:00 p.m. \*Uris Auditorium. "Court-seller at Law", (1933), directed by William Wyler, with John Barrymore, and Bebe Daniels. Cosponsored by the Law and Society Program. Limited.

## Lectures

### Thursday

March 14, 12:20 p.m. 102 West Avenue. "The Western Impact on Legal Codes and Systems of Burma and Thailand," with Aye Kyaw, Department of History, Rangoon University, and Burmese Lecturer at Cornell University. Sponsored by Southeast Asia Program.

March 14, 4:30 p.m. Guerlac Room, Andrew D. White House. "The Development of My Theater" (in Spanish), Luis Rafael Sanchez, Puerto Rican playwright and novelist. Sponsored by the Department of Romance Studies.

### Friday

March 15, 8:30 p.m. One World Room, Anabel Taylor Hall. "Kibbutz Today: Confronting Political and Social Reality," Asher Maniv, United Kibbutz Movement. Sponsored by Progressive Zionist Caucus.

### Saturday

March 16, 1:00-2:00 p.m. Johnson Museum. "Indonesian Textiles: Reflections of a Diverse Culture," a slide lecture by Ithaca weaver, Charlotte Coffman.

### Monday

March 18, 7:30-9:00 p.m. One World Room, Anabel Taylor Hall. "America and the Third World Challenge," with Locksley Edmondson, Visiting Professor, Africana Studies. Sponsored by the Center for World Community and IRIM.

March 18, 8:15 p.m. 115 Tjaden Hall. "New York City's Open Space Alternatives: Citizen Participation in Planning, Design, and Management," with Tom Fox, Executive Director, Neighborhood Open Space Coalition, New York, N.Y. Cosponsored by the Landscape Architecture Graduate Organization and the Environmental Planners of Cornell.

### Tuesday

March 19, 8:00 p.m. Founders Room, Anabel Taylor Hall. "Judaism and Science," with Chana Silberstein. Sponsored by Hillel.

### Wednesday

March 20, 4:00 p.m. One World Room, Anabel Taylor Hall. Professor Irving Howe, CUNY, Editor of Dissent Magazine, Translator, Author of "World of Our Fathers" and "A Margin of Hope," in an open discussion-lecture.

March 20, 7:30-9:00 p.m. One World Room, Anabel Taylor Hall. "America and the Third World Challenge," Locksley Edmondson, Visiting Professor, Africana Studies. Sponsored by the Center for World Community and IRIM.

### Saturday

March 23, 2:00-4:30 p.m. Kaufmann Auditorium. "The Lagoon Cycle," with the artists Helen and Newton Harrison, moderated by Johnson Museum director Thomas W. Leavitt.

## Meetings

### Tuesday

Cornellesbians holds weekly meetings. Call 256-6482 for specific location and discussion topic.

The Cornell Outing Club holds weekly meetings. The meeting time is 7:30 at Japes (behind Noyes Lodge with the canoes on the roof).

### Thursday

GAYPAC holds weekly business meetings in Loft III, Willard Straight Hall at 7 p.m. Discussion to follow at 8 p.m. Call 256-6482 for more information.

## Music

**Cornell Wind Ensemble in Concert**  
A premiere, guest soloist and a work by a local composer highlight the free public concert which the Cornell Wind Ensemble will present in Bailey Hall at 4 p.m. Sunday, March 17.

Professor Marice Stith and the band will open their program with Study I (for tape and instruments) composed by Ithacan Peter Rothbart, who teaches Electronic Music Studio in Stockholm, Sweden. Rothbart, director of the Electronic Music Studios at the Ithaca College School of Music, is active as a performer on saxophone with jazz bands and with regional orchestras as a bassoonist.

Another Ithaca College faculty member, clarinetist Robert Schmidt, will appear as soloist in the first local performance of Concerto for Clarinet and Wind Ensemble by Brian Israel. The

concerto was commissioned by director Stith for the Cornell Wind Ensemble. Israel, who received his doctoral degree in composition from Cornell in 1975, teaches at the Syracuse University School of Music, where he also serves as chairman of the Division of Music History. The Concerto is in three movements: Crystal Night, which refers to the infamous Krystallnacht of early Nazi Germany; Coronach, a lament; and Liberation.

The 48-piece Wind Ensemble will also play Incantation and Dance by John Barnes Chance, Symphonic Songs for Band by Robert Russell Bennett, and two pieces by the "March King," John Philip Sousa: The Free Lance March and Sheridan's Ride (Scenes Historical) for Military Band.

The Sunday afternoon program was previewed at Syracuse University by the Cornell Wind Ensemble, which was invited to give a concert at the School of Music on March 8.



Paul Schliffer, flutist

### Flute and Piano Concert Scheduled

"The Sound of the Flute" a concert of traditional and improvised music for flute and piano will be performed by Paul Schliffer, flute, and Michael Hunter, piano, members of the Rochester Folk Art Guild at 8 p.m. Wednesday, March 20, in the Willard Straight Hall Memorial Room.

The concert is free and open to the public and is co-sponsored by CRESA, Centerpiece and the Rochester Folk Art Guild. Schliffer and Hunter are resident members of the Folk Art Guild, a community of artist/craftsmen based in Middlesex.

Included in the concert will be works by Gluck, Marcello, Godard, Bloch, Faure and Bach.

### Friday

March 15, 8:15 p.m. Barnes Hall, Cornell Contemporary Ensemble, conducted by Fred Cohen. Works of Ligeti, Husa, Laporta, Berg, Webern. Sponsored by the Department of Music.

### Saturday

March 16, 8:15 p.m. Barnes Hall, Mark Kroll, harpsichord, J.S. Bach's "Goldberg Variations" (Bach festival). Sponsored by the Department of Music.

### Sunday

March 17, 4:00 p.m. Bailey Hall, Cornell Wind Ensemble, conducted by Marice Stith; Robert Schmidt, clarinet soloist. Works of Rothbart, Israel, Chance, Bennett, Others. Sponsored by the Department of Music.

### Friday

March 22, 4:00 p.m. Barnes Hall, New Music Colloquium: Christopher Rouse, guest composer. Sponsored by the Department of Music and the Cornell Council of the Creative and Performing Arts.

March 22, 8:15 p.m. Barnes Hall, Syracuse Society for New Music, Edward Murray conducting. Works of Rouse, Szollosy, Palmer, Harbison. Sponsored by the Department of Music and the Cornell Council of the Creative and Performing Arts.

### Saturday

March 23, 8:15 p.m. Barnes Hall, Festival Chamber Orchestra. Works of Feigin, Husa, Palmer, Stucky. Sponsored by the Department of Music and the Cornell Council of the Creative and Performing Arts.

## Religious Events

### Shabbat Dinner

Hillel is sponsoring a Shabbat Dinner on Friday, March 15, at 7:00 p.m. in the One World Room. Please pay for your reservation in advance by no later than the day before at 3:00 p.m. in the Hillel Office, G-34 Anabel Taylor Hall.

Cost: \$5.00. Cosponsored by Progressive Zionist Caucus.

## Religious Services

March 17, 11:00 a.m. Sage Chapel. Robert L. Johnson, Director, CURW.

### Catholic

Mon.-Fri., 12:15 p.m. Anabel Taylor Chapel. Catholic Mass.

Every Saturday, 5 p.m. Anabel Taylor Auditorium. Catholic Mass.

Every Sunday, 9:30 & 11 a.m., 5 p.m. Anabel Taylor Auditorium. Catholic Mass. Sacrament of Reconciliation by appt. G-22 Anabel Taylor Hall.

### Christian Science

Every Thursday, 7 p.m. Anabel Taylor Founders Room.

### Episcopal

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

### Friends (Quakers)

Every Sunday Anabel Taylor Edwards Room. Meeting for Worship at 11 a.m.; Adult Discussion and First Day School at 9:45 a.m. Babysitting provided.

### Korean Church

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

### Lutheran

Every Sunday, 10:45 a.m. Worship Service. Sunday Church School at 9:30 a.m.

### Muslim

Every Friday, 1 p.m. Anabel Taylor Edwards Room. Juma Prayer. Anabel Taylor 218, Zuhr, Asr and other prayers.

Every Sunday, 12:30 p.m. Anabel Taylor Hall. Sunday meeting, discussion groups, children's classes, etc.

### Protestant Cooperative Ministry

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

### Seventh Day Adventists

Every Friday, 7:30 p.m. Anabel Taylor Room 314.

### Friday

March 15, 6:00 p.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

March 15, 6:00 p.m. Anabel Taylor Chapel. Shabbat Services, Reform Minyan.

March 15 Shabbat Services, Orthodox Minyan. Call 272-5810 for more information.

### Saturday

March 16, 9:15 a.m. Edwards Room, Anabel Taylor Hall. Shabbat Services, Orthodox Minyan.

March 16, 10:00 a.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

### Sunday

March 17, 11:00 a.m. Sage Chapel. Speaker: Robert L. Johnson, Director, CURW.

### Sunday

March 24, 11:00 a.m. Sage Chapel. Speaker: Samuel S. Hill, Professor of Religion, University of Florida; Eudora Welty Visiting Professor at Millsaps College, Jackson, Ms.

## Seminars

**Agronomy:** "Northern New York Agricultural Development Program," Robert F. Lucey, chairman, agronomy, 4 p.m. Tuesday, March 19, 135 Emerson.

**Animal Science:** "Equine Pregnancy; Endocrinology, Uterine Contractility and Evolution," George Haluska, grad student, animal science, 11:15 a.m. Monday, March 18, 34S Morrison Hall.

**Applied Mathematics:** "Rotation Numbers, Cantor Sets and Horseshoes in the Josephson Junction," Prof. Philip J. Holmes, Cornell, 4 p.m. Friday, March 15, 165 Olin Hall.

**Astronomy:** "Force-Free Equilibria of Astrophysical Jets," Arie Konigl, University of Chicago, 4:30 p.m. Thursday, March 14, Space Sciences 105.

**Atomic and Solid State Physics; Theory Seminar:** "Interface Fluctuations; Wetting transitions and Disordered Magnets," Daniel Fisher, AT&T Bell Laboratories, 1:15 p.m. Thursday, March 14, 701 Clark Hall.

**Atomic and Solid State Physics; Solid State Seminar:** "Wetting and Nonwetting of Simple Gases on Graphite and Gold—Recent Experimental Results," Jacqueline Krim, Université d'Aix-Marseille II, 4:30 p.m. Tuesday, March 19, 700 Clark Hall.

**Biology:** "Strategies for the Analysis of Virus Function," moderated by Robert G. Webster, St. Jude Children's Research Hospital, with panelists Judith A. Appleton, Colin R. Parrish, Volker M. Vogt and David B. Wilson, 2 p.m. Wednesday, March 20, Hagan Room, College of Veterinary Medicine.

**Biophysics:** "Mechanisms of Visual Transduction and Unsolved Problems," Prof. Paul Mueller, Biochemistry, University of Pennsylvania, 4:30 p.m. Wednesday, March 20, 700 Clark Hall.

**Boyce Thompson Institute:** "Genetic Aspects of Insect Adaptation to Host Chemical Defenses," F. Gould, North Carolina State, Raleigh, 3:15 p.m. Wednesday, March 20, BTI Auditorium.

**Chemical Engineering:** "Membrane Reactors," Prof. John A. Quinn, Chemical Engineering, University of Pennsylvania, 4:15 p.m. Tuesday, March 19, Olin 145(A).

**Chemistry:** "Dynamic Interactions of a Cell Surface Receptor," Barbara Baird, Cornell, 4:40 p.m. Thursday, March 21, 119 Baker Lab.

**Chemistry:** "Stereochemical Studies in Reaction of Allylsilanes and Allylstannanes with Aldehydes," Scott Denmark, University of Illinois, 4:40 p.m. Monday, March 18, Baker 119.

**Design and Environmental Analysis:** "Poster Seminar; Research in Textiles," Graduate students and faculty in textiles and related areas, 4:30 p.m. Tuesday, March 19, 317 Martha Van Rensselaer Hall.

**Environmental Toxicology:** "Environmental Fate of the Lampricide, Bayer 73, Following a Population Control Application," Steven Gloss, Natural Resources, Cornell, 12:15 p.m. Friday, March 15, N207 Martha Van Rensselaer Hall.

**Floriculture and Ornamental Horticulture:** "Horticulture — A Therapeutic Tool in the Big Apple," 12:15 p.m. Thursday, March 14, 37 Plant Science, with Gerald Lordahl.

**Food Science:** "Biochemical Methods for Seafood Identification," Ronald Lundstrom, National Marine Fisheries Service, Gloucester, Mass., 4:30 p.m. Tuesday, March 19, 204 Stocking.

**Geology:** "Structure of the Southeastern Border of the Puna Plateau, Argentina," R. Allmendinger, 4:30 p.m. Thursday, March 21, 1120 Snee Hall.

**History and Philosophy of Science and Technology:** "Controversies About Fringe Science," Henry Bauer, dean, College of Arts and Sciences, Virginia Polytechnic Institute and State University, 4:35 p.m. Wednesday, March 20, 165 McGraw Hall.

**Immunology:** "Interleukin-1 and the Cytokine Cascade," Dr. Joost J. Oppenheim, chief, Laboratory of Molecular Immunoregulation, National Cancer Institute, Frederick, Md., 12:10 p.m. Friday, March 15, G-3 Vet Research Tower.

**International Nutrition:** "Prevalence and Cultural Determinants of Breastfeeding Among Jamaican Rastafarians," Obiagate Lake, Division of Nutritional Sciences, 12:10 p.m. Thursday, March 14, 130 Savage Hall.

**Jugatae:** "The Mechanism of Nestmate Discrimination in Social Wasps," 4 p.m. Monday, March 18, 100 Caldwell Hall, with Dr. George Gamboa.

**Manufacturing Engineering (COMEPP):** "Modeling of Metal Forming and Joining Processes," Prof. Paul R. Dawson, Cornell, 4:30 p.m. Thursday, March 21, 282 Grumman Hall.

**Materials Science and Engineering:** X-ray Diffraction Studies of Defects in Silicon," M. Scott, Hewlett Packard, 4:30 p.m. Thursday, March 21, 140 Bard Hall.

**Ornithology:** "Birding the Big Apple — Hints on Haunts for Nature Study in New York City," Luke Colavito, Boyce Thompson Institute, 7:45 p.m. Monday, March 18, Ornithology Laboratory.

**Parasitology:** "Comparative Metabolism of Anti-Coccidial Drugs," John G. Babish, department of preventive medicine, NYSCVM, 4 p.m. Thursday, March 14, Diagnostic Laboratory Conference Room, NYSCVM.

**Pharmacology:** "Activation of the Human Netrophil: The Role of Calcium Movements and Protein Phosphorylation in Signal Transduction," Helen Korchak, New York University Medical Center, 4:30 p.m. Monday, March 18, D-105 Pierre A. Fish Laboratory.

**Physiology:** "Use of the Beagle Bitch in Reproduction and Contraception Research," Patrick Concannon, Veterinary Physiology, Cornell, 4:30 p.m. Tuesday, March 19, G-3 Veterinary Research Tower.

**Planning:** "Domination, Linkages and Distribution; Measurement in a Developing Countries Context," Karen Polenske, Urban Studies and Planning, MIT, 12:15 p.m. Friday, March 15, 157 East Sibley.

**Plant Biology:** "Chloroplast Genes and Their Expression," Lawrence Bogorad, Harvard, 11:15 a.m. Friday, March 15, 404 Plant Science.

**Plant Pathology:** "Characterization of Monoclonal Antibodies to the Coat Protein of Tobacco Mosaic Virus," Dr. Ralf Dietzgen, University of Tuebingen, Germany, 4:30 p.m. Tuesday, March 19, 404 Plant Science.

**Plasma Studies:** "Edge Plasma in Alcator-C,"

# Calendar—Contemporary Music Spotlighted March 22-23

Continued from Page 7

B. Labonbard, MIT, 4:30 p.m. Wednesday, March 20, 282 Grumman Hall.

**Poultry Biology:** "Vitamins and Cancer: Evidence from an Epidemiological Point of View," Dr. L. C. Clark, Veterinary Medicine, Cornell, 4:30 p.m. Thursday, March 14, 300 Rice Hall.

**Psychology:** "Perceptual Structures for Tonal Music: Musical Correlates," Dr. Carol Krumhansl, Psychology, Cornell, 3:30 p.m. Friday, March 15, 202 Uris Hall.

**Remote Sensing:** (Topic on Geographic Information Systems), David Mark, Department of Geography, University at Buffalo, SUNY, 4:30 p.m. Wednesday, March 20, 110 Hollister Hall.

**Rural Sociology:** "State, Market and Sectoral Inequality: City and Countryside in Contemporary China," Mark Selden, Sociology, SUNY-Binghamton, 3:30 p.m. Friday, March 15, 32 Warren Hall.

**Rural Studies Group:** "Politics in Rural Development; How Can We Bridge the Gap Between Albany and Cornell?" Ron Brach, executive director of the New York State Legislative Commission on Rural Resources, 12:15 p.m. Thursday, March 21, 32 Warren Hall.

**Statistics:** "A Dose Response Model Incorporating Non-Linear Kinetics and Its Applications," Prof. John Van Ryzin, Public School of Health, Columbia University, 3:30 p.m. Wednesday, March 20, 105 or 120, ILR Conference Center.

**Theoretical and Applied Mechanics:** "Three Dimensional Finite Strain Rod Model; Geometric Aspects and Computational Implications," J. C. Simo, University of California, Berkeley, 4:30 p.m. Tuesday, March 19, 205 Thprston Hall.

**Vegetable Crops:** "Dietary Fiber in Broccoli," Elaine Dalrymple, graduate student, Vegetable Crops, 4:30 p.m. Thursday, March 21, 404 Plant Science.

## Sports

Saturday

March 16, 10:30 p.m. Schoellkopf. Men's J.V. Lacrosse-Suny-Canton.

March 16, 2:00 p.m. Schoellkopf. Men's Lacrosse-Adelphi.

Saturday

March 23, 9:00 p.m. Cascadilla Courts. Women's Tennis-Pennsylvania.

March 23, 10:30 p.m. Schoellkopf. Men's J.V. Lacrosse-Cobleskill.

March 23, 2:00 p.m. Schoellkopf. Men's Lacrosse-Harvard.

March 23, 2:00 p.m. Cascadilla Courts. Men's Tennis-Navy.

Sunday

March 24, 12:00 p.m. Cascadilla Courts. Women's Tennis-Columbia.

## Theater

Wednesday-Saturday

March 13, 14, 15 & 16, 8:15 p.m. Drummond Studio. "Phaedra," directed by Ph.D. candidate Rick Jones. The cast is assembled from the M.F.A. professional training program and from undergraduate majors. This is a classic Greek tale of honor and death. Admission is free and the public is invited to attend. Information may be obtained by calling the Theatre Cornell box office at 256-5165.

## Barton Blotter

Seven persons were referred to the Judicial Administrator on various charges, according to the morning reports of the Department of Public Safety for the period March 4 through 10.

The charges were harassment, serving alcohol to three under-age persons, forging a parking permit, falsely reporting an incident using a Blue Light phone, disorderly conduct outside Lynah Rink, reckless endangerment for striking a traffic light with a golf club, and altering a parking permit.

A total of \$3,953 worth of cash and valuables, including a \$2,500 watch, were reported stolen during the seven-day period. Other thefts included four wallets taken early Sunday morning from Sigma Alpha Epsilon fraternity house. Losses in cash and valuables were set at \$147.

There were eight thefts of cash reported on campus totaling \$251, mainly from wallets. Ski equipment valued at \$460 was reported taken from a car parked near Delta Upsilon.

Contemporary music will hold the spotlight here Friday and Saturday, March 22 and 23, when two concerts and a colloquium will be given as part of the 17th annual Festival of Contemporary Music.

Sponsored by the Department of Music, with grants from the Council of the Creative and Performing Arts and "Meet the Composer," and a gift from alumnus Sidney T. Cox, the Barnes Hall events are open to the public free of charge.

The Society for New Music, a regional organization which promotes the work of contemporary composers, will present the first concert at 8:15 p.m. Friday, March 22. Linda McIntyre and Brian Israel will play Tre Pezzi, written for flute and piano in 1964 by one of Hungary's foremost composers, Andras Szollosy. Syracuse soprano Neva Pilgrim will sing six Mirabai Songs (1982, '83) by John Harbison, who will visit Cornell next month. The accompanying ensemble of winds, strings and percussion will be conducted by Edward Murray.

In recognition of the 70th birthday year of Cornell composer Robert Palmer, Lynden Cranham and Edward Murray will play his Second Sonata for Cello and Piano. Written in 1983, the Sonata was commissioned for

the 30th anniversary of the Kindler Foundation of Washington, D.C., where it had its premiere in May of that year. Palmer, now professor emeritus, taught generations of composition students at Cornell from 1943 on. He held the Given Foundation Professor of Musical Composition chair from 1976 until his retirement in 1980. Since then he has been actively engaged in composing new music.

The final work in the Friday concert was commissioned by the Society for New Music. It is Christopher Rouse's The Surma Ritornelli, dating from 1983. Rouse, awarded a D.M.A. degree from Cornell in 1977, has taught at the University of Michigan and, since 1981, at Eastman. He has composed new music for a number of famous soloists and ensembles, such as Yo-Yo Ma, the Chicago, Boston and Philadelphia orchestras. In 1986 he will become Composer-in-Residence of the Indianapolis Symphony Orchestra. The public is invited to hear Rouse discuss his music in a colloquium to be held in Barnes Hall at 2 p.m. Friday.

The Saturday, March 23, concert, at 8:15 p.m., will feature works of four composers currently associated with the Cornell music

faculty: Joel Feigin, Steven Stucky, Karel Husa and Robert Palmer. Guest soprano Patrice Pastore will sing Four Poems of Wallace Stevens by Mellon Fellow Feigin. The 1985 composition will have its first performance in this concert, with Fred Cohen as conductor. Stucky will conduct his own Double Concert, written for Karen Clarke, violin, and George Riordan, oboe and oboe d' amore. The concerto will also have its first Ithaca performance, having been premiered March 8 at Florida State University.

Karel Husa will direct the performance of his 1948 Divertimento for String Orchestra. This was first performed in Paris in 1949 for the International Society for Contemporary Music by the French Radio Orchestra, conducted by Stanislas Skrowaczewski, and has had many performances since.

Palmer's Organon II for String Orchestra was composed in 1974-75. It is the second in a series of works in which Palmer demonstrates his exploration of the two poles of strictness and freedom in composition. The orchestra will be conducted by Edward Murray.

## CIVITAS

**PROGRAM WITH YOUNG CHILDREN** needs someone to observe the behavior of children being exposed to "MacPoint" on a computer. Two people are needed: one to observe twice a week in the morning and one to observe twice a week in the afternoon.

**PRE SCHOOL PROGRAM** needs a volunteer to assist Wednesday mornings in the classroom. Sessions run from 8:45 to 11:45. Here is an opportunity to get acquainted with some pre-school children.

Extra help is needed mornings in a downtown **DAY CARE CENTER**. One extra person will make field trips possible or other activities where a larger staff is necessary. One or two

## Graduate Bulletin

The final date for course change or drop without special processing fee of \$10 is Friday, March 22. The fee is now being charged, however, to add courses. After the 22nd, a late fee will be charged for any change and a petition will be required.

Commencement is June 2. The deadline for submitting your thesis is May 24, but if you plan to attend graduation and would like to receive your diploma on June 2 and have your name in the commencement program, stop in the Graduate School immediately and fill out the Provisional Degree and Diploma form. This must be done before March 29.

1985 Summer Assistantship/Fellowship applications are available at the Fellowship Office, 116 Sage Graduate Center.

1985-86 Financial Need Determination forms are now available at 116 Sage Graduate Center.

March 31, 1985—deadline for applications for MacArthur Foundation Fellows in International Security. For doctoral candidates in the physical and biological sciences or the social/behavioral sciences, including foreign area studies, who have completed all requirements for the Ph.D. or its equivalent except the dissertation, or who will have met those requirements before the award commences. The competition is open to candidates of any nationality and from any country. An award of \$15,000 per year is provided for living expenses, travel, and research costs. Additional funds are available for tuition and fees at institutions hosting a fellow's training or research. Postdoctoral fellowships are also available, providing a stipend of \$30,000 a year for two years. For further information and application materials write: Social Science Research Council, Fellowship Program in International Peace and Security Studies, 605 Third Avenue, New York, New York 10158.

A number of summer schools in Denmark and Scandinavia are offered by the Danish Institute. Deadlines vary. Further information is available at the Fellowship Office, Sage Graduate Center.

mornings a week would be a big help.

Another downtown **DAY CARE CENTER** can use general assistance mornings or 3-5 p.m. No help is needed 1-3 p.m.

Someone is needed to help a **CHILD WITH DOWNS SYNDROME** learn to feed herself. You'll need free time at noon in order to fulfill this request.

If you can give only a small amount of time as a volunteer, this may appeal to you. The **GARDEN GIFT SHOP** at the Cornell Plantations can use you as a volunteer to assist customers, answer questions, answer the telephone, and use the cash register. The shop opens again April 6, with hours of M-F 4 to 6 p.m., Sat. 10 to 6, Sun. 11 to 5. You could volunteer for one session per week or less.

**GREATHER ITHACA ACTIVITY CENTER** would like you to teach arts and crafts weekdays between 3 and 5 p.m. You name your craft and choose your day. Suggestions are pottery and jewelry making but opportunities exist for almost anything else.

**G.I.A.C.** needs a volunteer to lead a beginning sewing group. Again, any weekday between 3 and 5 p.m. is available for you to choose. The sewing group will be made up of 8 to 12 year olds. There is a sewing machine available for use if desired.

**G.I.A.C.** also needs a leader or assistant leader for a boy's gymnastics group. The days are Monday and Wednesdays. The beginners meet from 3 to 4 and the advanced group meets from 4 to 5. Tumble into this fun filled atmosphere.

The response for **HIGH SCHOOL TUTORS** has been very gratifying. Many tutors have been placed, but new requests keep coming in. If you came by today, we could place you as a tutor in 11th grade English, 9th grade English, general science, general math or geometry. Could you

help a young man who is both working and attending high school get prepared in math so he can pass his competency exams? Can you help a young man who speaks English as a second language learn algebra I? We are expecting more requests from the Alternative High School for math tutors. If you can give only one session a week, your help would still be appreciated.

**THE LANGUAGE EXCHANGE PROGRAM** needs English speakers who want to learn or improve their language skills in Korean, Persian, Japanese and Portuguese. We are looking for native speakers of Polish, Spanish, French, Italian, Hebrew, Russian, Turkish and Arabic with which to match Americans.

A community center downtown provides a free meal to the community one evening during the last three days of the month when people's food stamps run out. Three or four people with some kitchen experience are needed to prepare and serve this meal.

**IF YOU'VE WANTED TO GET BACK STAGE**, CIVITAS can provide you the opportunity for set construction. Experience with hand tools is helpful. Anyone who wants to build and paint will be welcome at this downtown location evenings or weekends.

A new group of cub scouts is being formed at a downtown community center Friday afternoons at 5 p.m. This group needs an assistant Cub Scout leader. So here's an opportunity to put your scouting skills to good use.

**TO RESPOND: COME TO CIVITAS**, 119B Anabel Taylor Hall, Open M, W, F 9-3; T, Th. 10-2. Or call 256-7513.

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

## Entomologist John E. Casida To Give Messenger Lectures

Entomologist John E. Casida, a leading authority on pesticide chemistry and toxicology, will give the spring 1985 Messenger Lectures here. His topic will be "Retrospective and Prospective Views on Chemicals, Man, and Environment."

Free to the public, the Messenger Lectures—considered the university's most prestigious series—are scheduled March 25-29.

Casida is professor of entomology and director of the Pesticide, Chemistry, and Toxicology Laboratory at the University of California at Berkeley.

One of the most frequently cited active scientists in his field, he is the author of some 400 publications. He has trained more than 100 doctoral candidates and post-doctoral researchers in areas associated with metabolism and mode-of-action of insecticides and other pesticides. Casida is

credited with contributing extensively to the development and safety of these areas.

Casida's lecture schedule at Cornell is: - 7 p.m. Monday, March 25 (110 Ives Hall) "Surviving the Deluge of Toxic Chemicals" - 4:30 p.m. Wednesday, March 27 (110 Ives Hall) "Pesticides Past, Present, and Future"

- 12:20 p.m. Friday, March 29 (N207 Martha Van Rensselaer Hall) "Chemistry and Toxicology of GABA Receptors"

Casida recently served with three Cornellians on the 18-member panel appointed by the National Research Council to study new directions of bioscience research in agriculture. Serving on the committee with him were Milton Zaitlin, associate director of the Cornell Biotechnology Program; Dale E. Bauman, professor of biochemical nutrition; and Ralph W.F. Hardy, visiting professor of life sciences.

## Cornell University

University Personnel Services

Day Hall

Ithaca, New York 14853

607/256-5226

## Please Note:

Job Opportunities is a publication of Staffing Services and is distributed each Thursday through the Cornell Chronicle. Job Opportunities lists current vacancies within the University, consistent with the University's commitment to promotion from within, affirmative action, and equal opportunity employment.

Applications for employment are available at Cornell University's employment office at East Hill Plaza at the intersection of Ellis Hollow Road and Judd Falls Road in Ithaca, from 9:00 a.m. to 12:00 noon, Monday through Friday. Applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca,

N.Y. 14853. For more information on jobs listed, contact Staffing Services (607) 256-5226.

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

This listing is also available on CUINFO

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

**New vacancies** are listed for two weeks in **Job Opportunities**.

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

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

tical engineering with a combination of education and experience in high voltage generating and distribution systems necessary. New York State Professional Engineering license desirable. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA071

Position: Purchasing Agent II

Department: Graphic Arts

Description: Under general supervision coordinate internal printing or purchase printing services externally to produce a variety of standard to highly specialized visual communication media, quality print materials and supplies for the university, assuring high quality at the lowest cost.

Requirements: Bachelor's degree or equivalent in Graphic Arts preferred. Three years related experience selling, purchasing or producing print materials. Excellent organizational, communication and interpersonal skills. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA0810

Position: Residence Administrator II

Department: Residence Life

Description: Assume primary program and related administrative duties for a residence hall unit of 200-500 students. Supervise 4-14 Resident Advisors and one Program Assistant. Live-in position with furnished apartment provided.

Requirements: Bachelor's degree or equivalent. Master's degree preferred. Degree in student personnel administration, counseling or a closely related field necessary. Some experience in student housing administration, programming, staff training and supervision highly desirable. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA087

Position: Residence Administrator II

Department: Residence Life

Description: Train, supervise and evaluate a part time program assistant and four resident advisors. Insure implementation of sound developmental and educational programs. Assist with policy development and administrative functions in a hall of 200 residents with specific interests in the fine and performing arts. Live-in position with furnished apartment provided.

Requirements: Bachelor's degree or equivalent. Master's degree preferred in higher education administration, student personnel, counseling or closely related field. Substantial experience necessary in counseling, training, supervision, leadership, group facilitation, programming, and general administration; some budgeting experience with effective written and oral communication skills. Residential and/or live-in experience desirable. Experience in arts management preferred. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA088

Position: Residence Administrator I

Department: Residence Life/International Students Office

Description: A twelve month live-in position with responsibilities in the areas of programming, administration, management and counseling. The Holland International Living Center is a special program residence hall housing 144 students (60% foreign; 40% American) comprised of both men and women, undergraduate and graduate students. Live in position with furnished apartment provided.

Requirements: Bachelor's degree or equivalent necessary. Master's degree in higher education administration, student development, counseling or closely related field is preferred. Experience in group living, preferable in a residence hall setting essential. Significant experience related to student personnel and international student affairs desirable. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA086

Position: Financial Aid Counselor

Department: Office of Financial Aid

Description: Advise and counsel students concerning financial aid, which includes providing information on applications, financial aid policies and programs, and alternate means of financing.

Requirements: Bachelor's degree or equivalent. Master's degree preferred. Some previous experience in financial aid, education, administration or student services is desirable. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.

Job Number: PA089

Position: Project Leader II

Department: Computer Services (APS)

Description: Plan, supervise and coordinate

Continued on Page 10

# Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

## Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

**\*Position:** Research Support Specialist  
**Department:** Food Science  
**Description:** Provide technical support in research on physical properties of proteins. Will involve determination of processing and chemical factors affecting surface area and flavor absorption, in addition to protein association, viscosity, gelation and surface activity. Help maintain laboratory instrumentation and coordinate purchasing and instrument use. Assist in supervision of lab operations.  
**Requirements:** Bachelor's degree in physical chemistry, materials science or chemical engineering. Master's degree preferred. Knowledge of physical chemistry of proteins. Experience in physical testing of biological/food materials as well as coordinating and maintaining a research laboratory. Please send cover letter and resume to Cynthia Smithbower.  
**Minimum Starting Salary:** \$16,000  
**Job Number:** PT102

**\*Position:** Administrative Supervisor I  
**Department:** Office of the Assemblies  
**Description:** A ten month appointment to coordinate the budgetary and operational aspects of the Student Assembly, Employee Assembly, Club, The individual will also assist these committees plan, organize and schedule their various activities.  
**Requirements:** Associate's degree or equivalent with demonstrated outstanding interpersonal skills required. Office supervisory experience and organizational ability a strong plus. Cornell experience preferred. Please send cover letter and resume to Ralph D. Jones by March 22, 1985.  
**Job Number:** PA104

**\*Position:** Systems Analyst II  
**Department:** University Personnel Services  
**Description:** Under the supervision of the Manager, Human Resource Information Systems, design, implement, maintain and enhance mainframe and microcomputer systems for the Personnel area; provide leadership and functional supervision as project team leader as assigned.  
**Requirements:** Bachelor's degree including computer courses. At least two years experience in administrative programming and operations. Familiarity with at least one high level language necessary. Knowledge of ADABAS/Natural preferred. Please send cover letter and resume to Cynthia Smithbower.  
**Job Number:** PT103

**Position:** Applications Programmer/Analyst  
**Department:** Computer Services  
**Description:** Work as a member of a project team to install/maintain batch and interactive programs of an overall administrative system. Write production procedures and JCL. Interface with production control clerks.  
**Requirements:** Bachelor's degree or equivalent with computer related courses. A knowledge of applications for interactive administrative systems and data base concepts desirable. Some experience with machine architect-

ture, programming languages (such as PL/1, NATURAL, COBOL, MARK IV) and system utility programs necessary. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT091

**Position:** Architect/Project Manager (Repost)

**Department:** Architectural Services

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

**Requirements:** Bachelor's degree in architecture required. Architectural registration desirable. Minimum ten years responsible experience in architectural project management. Demonstrated excellent organizational and communication skills necessary. Experience with personal computer desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA417

**Position:** Administrative Supervisor II

**Department:** Division of Nutritional Sciences

**Description:** Responsible for coordinating and overseeing non-grant funds for the Division; provide administrative coordination for large nutritional surveillance project in Africa; supervise accounting budgets and expenditures.

**Requirements:** Bachelor's degree in business administration, or Bachelor's degree in another field plus at least three years experience in accounting or administration. Background in business administration, computerized data systems and microcomputers desired. Strong interpersonal skills. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA096

**Position:** Applications Programmer I (Repost)

**Department:** Animal Science

**Description:** Provide programming support to the Dairy Records Improvement Cooperative and the Animal Science department. Will write, test, debug and document applications programs written in assembler language and/or PL/1.

**Requirements:** Bachelor's degree preferable in dairy, animal science or computer science. Some programming experience, particularly with assembler languages (PL/1) as well as experience with CICS/VSE highly desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,500

Job Number: PT052

**Position:** Research Support Specialist II

**Department:** Natural Resources, Eagle Bay/Ithaca

**Description:** Provide laboratory technical support for analysis of water chemistry samples and organic contaminants in fish tissues. Also responsible for field collection of water and biological samples. Identification and enumeration of zooplankton and macroinvertebrate samples. Position split between Ithaca and Eagle Bay, NY.

**Requirements:** Bachelor's degree in chemistry or a related field; Master's preferred. Laboratory experience in analysis of organic

chemical contaminants in aquatic organism samples, analytical chemistry of water samples, familiarity with zooplankton. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT093

**Position:** Research Support Specialist I

**Department:** Food Science and Technology, Geneva

**Description:** Perform microbiological and chemical/biochemical research; plan experiments in conjunction with professor; maintain detailed, concise, clear laboratory notebook; search literature, maintain cleanliness and orderliness in laboratory; assist with pilot plant experiments.

**Requirements:** Bachelor's degree in chemistry/biochemistry with strong microbiology minor, or Bachelor's degree in microbiology with strong chemistry/biochemistry minor; Master's degree preferred. Academic and/or industrial research experience is highly desirable; experience in microbial genetics desired. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$13,625

Job Number: PT094

**Position:** Computer Staff Specialist (Repost)  
**Department:** Animal Science

**Description:** Conceive, design, develop and optimize computer applications software, requiring considerable experience and demonstrated ability in the areas of the telecommunications, on-line applications, distributed processing, remote job entry and virtual machine operations.

**Requirements:** Master's degree in computer science or equivalent. Five to seven years of experience with relevant hardware, software, and languages such as IBM 4381, DOS/VSE, CICS, ASSEMBLER, and PL/1. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT021

**Position:** Executive Staff Assistant I

**Department:** Public Affairs/CU Council

**Description:** Provide assistance to the Associate Executive Director. Responsibilities include carrying out plans for organization, implementation and production of the Council's annual meeting; draft correspondence; edit reports; attend meetings; maintain department accounts; help with activities of Council Administrative Board and other Council committees; act as liaison with alumni and other council staff; handle special projects as assigned.

**Requirements:** Bachelor's degree or equivalent. At least one to three years office experience. Excellent organizational, interpersonal, communication and supervisory skills essential. Accounting and budgeting knowledge. Experience with micro computer strongly preferred. Ability to work independently. Familiarity with Cornell's policies and procedures. Please send cover letter and resume to Esther L. Smith by March 22, 1985.

Job Number: PC095

**Position:** Senior Electrical Engineer

**Department:** Facilities Engineering

**Description:** Direct the design and preparation of cost estimates, drawings, specifications and construction documents for maintenance, repair and alteration projects that relate to electrical systems. Supervise and direct the activities of the Electrical Engineering Section.

**Requirements:** Five years experience in Electrical Engineering. Bachelor's degree in elec-

# Job Opportunities

Continued from Page 9

the development, implementation and maintenance of an ongoing major administrative system. Interface new systems and programs with existing systems and programs. Investigate and evaluate outside software systems to integrate or replace current production systems. Prepare estimates of programming time and computer production costs for given proposals.

Requirements: Master's degree or the equivalent combination of education and experience. Considerable systems design and computer experience is essential. A knowledge of interactive administrative systems, IBM operating systems and two major programming languages is essential. Supervision of programmers in a development group is desirable. Experience with the operation of a University physical plant design is also desirable. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$23,500  
Job Number: PT063

Position: Systems Analyst II

Department: Systems Office, Olin Library  
Description: Evaluate and analyze system software components as part of the library's effort in implement local on-line integrated information system.

Requirements: Bachelor's degree or equivalent in computer science; M.L.S. desirable. Some experience in programming and systems analysis essential. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT054

Position: Technical Coordinator

Department: Systems Office - Olin Library  
Description: Provide technical support in all areas of library's automated systems environment. Coordinate RLIN system services including equipment maintenance and installation; will be involved in training, education and support for library staff in use of microcomputers.

Requirements: Bachelor's degree or equivalent desirable. Experience with microcomputers; technical experience with computer peripheral equipment: terminals, printers, modems, RS-232 protocol. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT055

## Clerical

All applicants interested in positions requiring typing must take an official University test. Tests are given Mondays and Wednesdays at 8:00 a.m., Room 337, Statler Hall. Please contact Staffing Services for an appointment.

\*Position: Administrative Aide, GR21

Department: Computer Services  
Description: Provide administrative and secretarial support to the Director. Maintain files; screen incoming mail and telephone calls; arrange travel and schedule appointments; monitor department expenditures and maintain expense account balances using electronic spreadsheet packages; supervise full time office staff and work-study students.

Requirements: Associate's degree or equivalent education or experience. Heavy typing. Substantial secretarial experience at an administrative level. Supervisory experience desired. Familiarity with endowed accounting procedures and knowledge of electronic spreadsheet packages (NCPcalc or Lotus 1-2-3). Strong organizational, interpersonal and communications skills necessary.

Minimum Starting Salary: \$12,469  
Job Number: C108

\*Position: Word Processing Operator, GR20

Department: University Personnel Services  
Description: Provide word processing support to the Director's group including the communications unit. Duties and responsibilities include: type and format correspondence, documents, manuscripts, booklets, news items, and departmental reports. Provide clerical assistance to the Director's group members. Design and program automated files in records processing. Code and communicate publications to phototypesetter. Handle special projects as assigned.

Requirements: Associate's degree or equivalent. Demonstrated expertise with the English language. Courses relevant to the operation of word processing equipment. Heavy typing. Experience with and training of others on word processing equipment such as the Xerox 860 and IBM Displaywriter. Experience with communication to a computer and with office auto-

mation equipment desirable.

Minimum Starting Salary: \$11,739  
Job Number: C106

\*Position: LC Cataloger, GR20

Department: Catalog/Olin Library  
Description: Catalog monographs with LC copy on Science and Technology Team utilizing RLIN system; update holdings and descriptive cataloging information for added volumes; re-catalog and reclassify where necessary; other cataloging duties as assigned.

Requirements: Bachelor's degree or equivalent; academic background in sciences preferred. Light typing. At least one year work experience in libraries; preferably technical services. Ability to perform detailed work with speed and accuracy. Foreign language competence desirable.

Minimum Starting Salary: \$11,739  
Job Number: C107

\*Position: Secretary, GR18

Department: Human Development and Family Studies

Description: Provide secretarial support to approximately five faculty members. Duties include heavy typing of correspondence, articles and class materials; phone coverage; travel arrangements and appointment scheduling. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Medium typing. Strong typing skills. Ability to work under pressure. Experience with word processing desirable. Good interpersonal skills.

Minimum Starting Salary: \$10,500  
Job Number: C105

\*Position: Secretary, GR18 (Repost)

Department: Unions and Activities  
Description: Basic information source for public and telephone contacts as well as serving as receptionist. Types for 4-6 administrative staff and student organizations (includes financial typing); answer a 15-line telephone system; assist with several major programs and projects.

Requirements: H.S. diploma or equivalent. Heavy typing. Familiarity with use of dictaphone and adding machine. Excellent telephone technique. Good organizational skills. Ability to deal with a variety of tasks and cope with interruptions. Ability to interact well with students.

Minimum Starting Salary: \$10,500  
Job Number: C3511

\*Position: Secretary, GR16

Department: NYSSILR  
Description: Provide secretarial support for development director and communications director. Primary responsibility for receptionist support for division; type correspondence and manuscripts; some record-keeping; fill out travel forms; proofread.

Requirements: High school diploma or equivalent with secretarial training. Medium typing. Some secretarial experience. Ability to prioritize assignments and work under pressure. Excellent organizational, interpersonal and communication skills.

Minimum Starting Salary: \$9,494  
Job Number: C101

Position: Administrative Aide, GR23

Department: University Development  
Description: Provide broad-based administrative support under minimal supervision for the Director of University Development. Coordinate communications with all of the on and off-campus constituencies with whom the office works: trustees, donors and volunteers, the executive staff of the University, deans, the Division of Public Affairs and their collective staffs, and faculty.

Requirements: Associate's degree or the equivalent in educational experience and training. Medium typing. Extensive administrative office management experience in higher education, industry or government. Excellent organizational, communications, and interpersonal skills. Ability to set priorities, handle frequent interruptions, and work under pressure. Ability to handle confidential information discreetly.

Minimum starting Salary: \$13,928  
Job Number: C095

Position: Office System Specialist, GR22

Department: Office Equipment Center  
Description: Serve as consultant and advisor to university customers to assist in making purchase/lease decisions for office equipment including (but not limited to) word processors, microcomputers, electronic typewriters and copy equipment; communicate service and maintenance contract options; serve as liaison

with vendors; demonstrate and/or arrange equipment demonstrations; maintain state-of-the-art knowledge of technological advances in office equipment.

Requirements: Associate's degree in business administration or computer science or equivalent experience. Bachelor's degree preferred. Medium typing. At least two to three years related experience using a variety of standard and automated office equipment. Experience as office equipment operator helpful. Excellent communication (written and oral), organizational, analytical and interpersonal skills required. Experience with modern word processing (Lotus 1,2,3, word perfect) and spread sheet software (dBase II).

Minimum Starting Salary: \$13,141  
Job Number: C093

Position: Secretary, GR20

Department: Biochemistry, Molecular and Cell Biology

Description: Provide secretarial support to six faculty members and members of their labs. Duties include typing; proofing and revising manuscripts, grant proposals, classwork, etc.; making travel arrangements; scheduling meetings; running errands. Other duties as assigned.

Requirements: Associate's degree or equivalent in education, experience and training. Heavy typing. Word processing experience and technical typing experience is important. Training on the IBM Displaywriter is helpful. Excellent organizational, interpersonal and communication skills. Accuracy very important.

Minimum Starting Salary: \$11,739  
Job Number: C096

Position: Secretary, GR18

Department: Patents and Licensing  
Description: Share responsibilities for secretarial support to three professionals in a unique and interesting work environment. Duties include typing correspondence; filing; answering telephone; processing mail. Other duties as assigned.

Requirements: High School diploma or equivalent. Business or secretarial school desirable. Heavy typing. Excellent interpersonal and communication (oral and written) skills. Word processing experience preferred. Ability to deal tactfully with the public. Experience in law office helpful.

Minimum Starting Salary: \$10,500  
Job Number: C091

Position: Special Collections Assistant, GR18  
Department: Icelandic and History of Science Collection

Description: Assist in full range of activities performed by Icelandic and History of Science collections including bibliographic searching; reading room supervision; catalog maintenance; secretarial support; processing invoices and preparing temporary cards for items awaiting cataloging; shelving and stack maintenance; book preservation; manuscript processing; maintenance of interlibrary loan records. Other duties as assigned.

Requirements: Associate's degree or equivalent in appropriate field. Bachelor's or equivalent preferred. Medium typing. Ability to work independently. Strong interpersonal and communication skills. Initiative and willingness to perform repetitive tasks. Attention to detail. Reading knowledge of at least one modern European language, preferably German or a Scandinavian language. Previous work experience in an academic library preferred.

Minimum Starting Salary: \$10,500  
Job Number: C097

Position: Office Assistant, GR18 (Repost)

Department: School of Hotel Administration  
Description: Under general supervision, assist approximately ten faculty members in clerical and secretarial duties in the Written Communication and Financial Management/Accounting departments. Duties include coordinating reprographic needs; sorting and distributing mail; scheduling meetings; typing complex materials; answering, referring and responding to telephone inquiries.

Requirements: High School diploma or equivalent. Business or secretarial school preferred. Light typing. Wang word processor skills and/or ability to learn. Xerox memory writer and dictaphone skills preferred. At least one year secretarial experience. Good organizational and interpersonal (written and oral) skills.

Minimum Starting Salary: \$10,500  
Job Number: C0514

## General Service

\*Position: Head Custodian, SO17 (Third Shift)  
Department: Buildings & Grounds Care (Endowed)

Description: Primary responsibility is to provide general maintenance and custodial care of buildings and grounds in the immediate vicinity of assigned areas. Also responsible for departmental supplies and equipment and to oversee 4-6 custodians. Monday - Thursday, 11:00 p.m. - 7:30 a.m.; Fridays 11:00 p.m. - 6:30 a.m.

Requirements: High school diploma or equivalent. Must have a minimum of one year experience in custodial care and possess above average written and verbal communication skills. Math skills required to do inventory accounting. Pre-employment physical required.  
Minimum Starting Salary: \$4.69/hour  
Job Number: S105

\*Position: Custodian, SO16 (Two Positions)  
Department: Building & Grounds Care (Statutory)

Description: Perform general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area.  
Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Pre-employment physical is required.

Minimum Starting Salary: \$4.84/hour  
Job Number: S101, S106

\*Position: Custodian, SO16  
Department: Buildings & Grounds Care (Endowed)

Description: Perform general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area.  
Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs. Pre-employment physical is required.

Minimum Starting Salary: \$4.47/hour  
Job Number: S107

\*Position: Custodian, SO16  
Department: Residence Life (Endowed)

Description: Provide general custodial care such as changing light bulbs, cleaning high walls and windows, recording storage items and noting maintenance problems). Monday Thursday, 7:30 a.m. - 4:00 p.m.; Fridays 7:30 a.m. - 3:00 p.m.

Requirements: High school diploma or equivalent. Ability to lift 50 lbs. and climb an 8' ladder. Should have good interpersonal skills for daily contact with students.

Minimum Starting Salary: \$4.47/hour  
Job Number: S102

\*Position: Dish Machine Operator, SO16  
Department: Cornell Dining

Description: Under direct supervision, operate dish machine to wash dishes, pots and pans.  
Requirements: High school diploma or equivalent. Familiarity with dishwashing equipment and proper use of cleaning agents. Ability to lift 30 lbs.

Minimum Starting Salary: \$4.47/hour  
Job Number: S103

Position: Food Service Worker, SO16  
Department: Cornell Dining

Description: Under general supervision, assist in planning, preparation and presentation of cold foods.  
Requirements: High School diploma or equivalent. Must be familiar with commercial cooling equipment including electric food slicers and some experience with food processors helpful. Knowledge of cold food preparational presentation with 1-2 years of experience in a related field.

Minimum Starting Salary: \$4.47/hour  
Job Number: S091

## Technical

Applications for Technical positions should include the following information:

- Scientific/technical courses completed
- Lab techniques and/or equipment (knowledge of)
- Special skills (e.g. knowledge of computer language)

\*Position: Technician, GR24  
Department: Equine Drug Testing & Research

- Finger Lakes Racetrack  
Description: Perform drug analysis of horse blood and urine. Assist Lab Director as needed.

with drug confirmations and routine lab operations. Supervise three technicians in the absence of the Lab Director.

Requirements: Associate's degree in chemistry with experience in GC/MS; Bachelor's degree preferred. Experience in isolation, purification and identification of drugs. Thin layer chromatography experience required. Experience in operation of gas chromatograph/mass spectrometer desired.  
Minimum Starting Salary: \$14,779  
Job Number: T102

\*Position: Technician, GR18  
Department: Equine Drug Testing & Research  
Vernon Downs Raceway  
Description: Perform routine analysis of horse blood urine in the field lab at Vernon Downs, Vernon, NY.  
Requirements: Associate's degree or equivalent. Experience with thin layer chromatography and general laboratory procedures.  
Minimum Starting Salary: \$10,500  
Job Number: T101

Position: Electronics Technician, GR22  
Department: Computer Services  
Description: Responsible for the assembly, installation and maintenance of terminals, microcomputers, local area networks and other communications equipment and circuits.  
Requirements: Associate's degree in electronics or related field. 1-2 years experience diagnosing and repairing problems with microcomputers, computer terminals and data communication equipment; designing and implementing new systems and changes to existing ones encompassing the latest in technology as well as developing an understanding of telephone company regulations and procedures.  
Minimum Starting Salary: \$13,141  
Job Number: T093

Position: Technician, GR21  
Department: Plant Pathology (Geneva)  
Description: Assist in the identification and characterization of viruses occurring in vegetable crops, search for sources of resistance, and investigate its genetics. Responsible for management and care of greenhouse and experimental field plots.  
Requirements: Bachelor's degree in biological sciences with knowledge of plant pathology and horticulture. General knowledge of plant sciences, particularly horticulture and plant pathology. Some experience in lab work, e.g., preparation of media and nutrient solutions, conducting electron microscope tests. Related research experience preferred. Valid New York driver's license. Ability to work independently. Good interpersonal skills.  
Minimum Starting Salary: \$12,469  
Job Number: T094

Position: Research Aide, GR21 (Repost)  
Department: Cornell Institute for Social and Economic Research (CISER)  
Description: Provide support to the operation of the New York State Information System and the CISER archive. Tasks include management of: information on the NYSIS data base; subscriptions; requests for standard products and services; billing records and correspondence. Will also support public access activities of the archive.  
Requirements: Bachelor's degree or equivalent in social sciences, computer sciences or statistics. Familiarity with mainframe computing (data tape management and statistical packages) and microcomputers (data base management and spreadsheet packages). Good organizational skills, ability to work independently as well as part of a research team; experience in research environment and with billings and records preferred. Please submit cover letter and resume to Cynthia Smithbower by March 22, 1985.  
Minimum Starting Salary: \$12,469  
Job Number: T054

Position: Animal Technician, GR18  
Department: Clinical Sciences  
Description: Assist in care of sheep and ponies involved in a breeding program. Will be responsible for feeding/cleaning, administering vaccinations and antibiotics as well as maintaining accurate health records.  
Requirements: High School diploma or equivalent. Prior record keeping experience. At least 6 months work related to sheep management.  
Minimum Starting Salary: \$10,500  
Job Number: T091

Position: Technician, GR19  
Department: Agricultural Engineering  
Description: Provide technical support for a study evaluating alternatives to improve pathogen reduction during aerobic digestion of sewage sludge in cold climates.  
Requirements: Associate's degree or equivalent in engineering technology or a related field with experience in wastewater treatment may be acceptable. Two years as a Research/Engineering Technician. Analytical chemistry skills. Mechanical aptitude including familiarity with electrical circuits. Motor vehicle operator license.  
Minimum Starting Salary: \$11,125  
Job Number: T082

Position: Technician, GR20 (Repost)  
Department: Biochemistry, Molecular and Cell Biology  
Description: Assist in experiments using recombinant DNA technology to study chromosome structure in mosquitoes. Maintain detailed notes. Position funded through 6/30/85 with continuation dependent upon renewal of grant.  
Requirements: Bachelor's degree or equivalent in biological sciences or related areas. Experience with standard procedures of recombinant DNA technology and sterile techniques. Experience with microscopes desirable. Attention to detail with ability to work independently. Must be interested in learning new techniques.  
Minimum Starting Salary: \$11,739  
Job Number: T026

**Part-time**

\*Position: Editorial Proofreader, GR19  
Department: University Press  
Description: Check all stages of proof; help with manuscript, index, reprint preparation; assist five editors; fill in for part-time secretary. Monday - Friday, 30-35 hours per week, 18 month renewable appointment.  
Requirements: High school diploma or equivalent. Light typing. Some college and knowledge of "Chicago Manual of Style" desirable. Proofreading skills. Excellent concentration and eye for detail. Ability to organize flow of work and meet schedules.  
Minimum Starting Salary: \$11,125/annual equivalent  
Job Number: C104

\*Position: Office Assistant, GR17  
Department: Media Services  
Description: Conduct mail and telephone order fulfillment operations for pesticide applicator training publication; open and sort mail; check remittances; assemble and ship orders (lift up to 40-50 lbs.); file completed orders; prepare cash and check deposits; prepare invoices; maintain records and files; service inquiries. 20 hours per week (minimum, flexible) until June, 1986.  
Requirements: High school diploma or equivalent. Medium typing. At least 1-2 years office experience. Excellent organizational, interpersonal and communication skills.  
Minimum Starting Salary: \$9,967/annual equivalent  
Job Number: C109

Position: Electronic Technician, GR22  
Department: Theoretical and Applied Mechanics  
Description: Maintain and repair departmental equipment: electrical, mechanical, microcomputer, and audio visual. Provide technical support for teaching assistants during teaching labs. Procure materials and repair parts; move equipment and furniture; fabricate new teaching lab apparatus; set-up and maintain existing apparatus. Monday thru Friday, afternoons until August 30, 1985.  
Requirements: Associate's degree in electronics or equivalent. Basic mechanical skills, machine shop practices, electronic troubleshooting, microcomputer basics. Several years experience in equipment repair and maintenance.  
Minimum Starting Salary: \$13,141/annual equivalent  
Job Number: T092

Position: Secretary, GR18  
Department: Economics  
Description: Provide secretarial/administrative support for 1 to 2 faculty. Duties include typing research manuscripts and coursework; maintaining files; duplicating materials. Other duties as assigned. Five days weekly, 1:00 pm - 5:00 pm, thru June 1988.

Requirements: High School diploma or equivalent. Business or secretarial school desirable. Technical typing (mathematical formulas). Knowledge of word processing (Micom). Excellent organizational, interpersonal and communication skills.  
Minimum Starting Salary: \$10,500/annual equivalent  
Job Number: C092

Position: Secretary, CR17 (Repost)  
Department: Vet Microbiology  
Description: Provide secretarial support: type correspondence, class materials, research papers and proposals; file; answer phone; sort mail; serve as back up for department secretaries. Majority of material is of a technical nature. Monday thru Friday, 4 hours/day.  
Requirements: High School diploma or equivalent. Heavy typing. At least 1 - 3 years secretarial experience. Excellent interpersonal and communication (written and oral) skills. Familiarity with word processor helpful.  
Minimum Starting Salary: \$9,967/annual equivalent  
Job Number: C039

Position: Secretary, GR17 (Repost)  
Department: School of Hotel Administration  
Description: Act as receptionist/secretary for the Dean and the Director of Business and Administration. Responsible for typing and using the WANG word processor; answer phone and direct calls; greet on-campus and off-campus visitors; open U.S. and campus mail. Monday thru Friday, 25 hours/week. 9 month position. Summers off.  
Requirements: High School diploma with some advanced education or equivalent experience desirable. Heavy typing (50% of responsibilities). Prior experience as a receptionist and secretary desirable. WANG word processor experience required or ability to learn. Able to work in hectic business environment.  
Minimum Starting Salary: \$9,967/annual equivalent  
Job Number: C036

Position: Technician, GR21 (Repost)  
Department: Division of Nutritional Sciences  
Description: Test and refine literature methods for various radioassays, and for various procedures involving minor surgery in rats. Responsible for day to day operation of laboratory, including ordering supplies, maintaining inventory, keeping isotope log. Provide back-up support for animal feeding and weighing. Monday - Friday, 20 hours per week, possibly up to 35 hours per week. Continuation contingent upon funding.  
Requirements: Bachelor's degree or equivalent in animal science, nutrition or physiology. Master's degree preferred. Two years work experience in radioassays, radio-immunoassays and small animal surgery, or similar experience acquired during completion of Master's thesis.  
Minimum Starting Salary: \$12,469/annual equivalent  
Job Number: T011

**Temporary**

**TEMPORARY OPPORTUNITIES:** Cornell University has an ongoing need for qualified individuals willing to work on a temporary basis. We frequently need individuals to work as word processor operators, secretaries, typists, receptionists, office assistants, account clerks and data entry clerks. Requirements for these positions range from medium to heavy typing, some office/secretarial experience and knowledge of word processing equipment. If you have an interest in working on a temporary basis in the clerical area, please contact Tambi Benzon at 256-5226 ext. 266; in the technical area, please contact Bill Webster at 256-5226 ext. 268; in the general service area, please contact Sharon Warunek at 272-1179.

**Academic**

Please contact department directly.

\*Position: Collections Librarian  
Department: Albert R. Mann Library  
Contact: Carolyn A. Pyhtila, Personnel Director, 235 Olin Library, Cornell University, Ithaca, NY 14853-5301  
Job Number: A101

Position: Associate Law Librarian  
Department: Cornell Law Library  
Contact: Carolyn A. Pyhtila, Personnel Director, 235 Olin Library, Cornell University, Ithaca, NY 14853-5301.  
Job Number: A091

Position: Reference Librarian  
Department: John M. Olin Library  
Contact: Carolyn A. Pyhtila, Personnel Director, 235 Olin Library, Cornell University, Ithaca, NY 14853-5301.  
Job Number: A093

Position: Curator, Wason Collection on East Asia  
Department: John M. Olin Research Library  
Contact: Carolyn A. Pyhtila, Personnel Director, 235 Olin Library, Cornell University, Ithaca, NY 14853-5301.  
Job Number: A092

Position: Research Associate III  
Department: Agricultural Economics, CALS  
Contact: Please send cover letter, resume, and three references to Olan D. Forker, Chairman, 102 Warren Hall, Cornell University, Ithaca, NY 14853.  
Job Number: A094

**Cornell Representatives Will Describe Job Opportunities Here for Minorities**

The director of Cornell's Office of Equal Opportunity and a representative of University Personnel Services will be looking for minority applicants for jobs at Cornell during a conference in Washington, D.C., March 31-April 3.

Donald N. Johnson, director of OEO, and Ralph D. Jones of the personnel office will attend the National Association for Equal Opportunity in Higher Education Conference. This is a consortium of predominantly minority higher educational in-

stitutions, and attendance is expected to exceed 4,000.

The two Cornell officials will be recruiting applicants for non-academic professional and administrative positions at Cornell. The recruiting effort is believed to be an Ivy League first and is being sponsored by University Personnel Services and Associate Provost Joan R. Egner.

Information on current and anticipated job vacancies are being solicited by Johnson, at extension 3976, or Jones, at 5226, so that they can have suitable recruiting information when they attend the conference.

**Correction**

One number in a table on page one of last week's Chronicle was reported to the Chronicle in error.

The figure for summer savings expectation for freshmen is scheduled to go up from the 1984-85 total of \$1,000 to a 1985-86 figure of \$1,050 (not \$1,100 as reported last week).

# Brief Reports

## Influenza Vaccine Developer to Talk

The James Law Distinguished Lecturer Series will continue with a lecture by Robert G. Webster on "Influenza: the Deadly Master of Disguise," at 4:30 p.m. Thursday, March 21, in James Law Auditorium at the College of Veterinary Medicine.

Webster is a member of the Division of Virology and Molecular Biology at St. Jude Children's Research Hospital and professor in the Department of Microbiology and Immunology at the University of Tennessee Center for Health Sciences, Memphis, Tenn.

In addition to these positions, Webster is director of the U.S. Collaborating Center of the World Health Organization dealing with the ecology of animal influenza viruses. Together with Dr. William G. Laver of the Australian National University in Canberra, Australia, he developed one of the first sub-unit vaccines against influenza; a sub-unit vaccine is a non-toxic version of the whole virus vaccine.

## Anthropologist to Talk About Sex Research

"The Politics of Sex Research" is the title of a talk to be given by anthropologist David Sonenschein at 8:15 p.m. Tuesday, March 19, in 165 McGraw Hall.

Sonenschein will discuss how sex research is used both to further and restrain the political claims of sexual minorities, and how the methodology of research can affect its political significance and scientific validity. He will also probe the larger question of objectivity in a discipline imbued with morality, and occasionally, moralism.

A resident of Austin, Texas, Sonenschein

is a former researcher at the Kinsey Institute and has taught at the University of Texas. He contributed to the 1972 report of the Presidential Commission on Obscenity and Pornography. He has done research on homosexuality, pedophilia, and American popular culture.

The lecture will be presented by the Cornell Lesbian and Gay Political Action and Discussion Group. It is co-sponsored by Gay People at Cornell.

## Poet Robert Shaw To Read His Works

Robert Shaw, poet and professor of English at Mount Holyoke College, will read from his poetry at 8 p.m. Wednesday, March 20, in the A.D. White House.

Shaw is the author of "In Witness" (1972) and "Confronting the Wilderness" (1976). His poems and reviews appear regularly in Poetry, America's foremost poetry journal.

The reading is sponsored by the Cornell Creative Writing Program, the Council for the Creative and the Performing Arts, and the National Endowment for the Arts. After the reading there will a reception.

## Authority on Cyprus To Talk March 20

Christofer Hitchens, the editor of The Nation and the New Statesman and author of the book "Cyprus" will talk about "the Cyprus question" in its historical context and the involvement of foreign powers in its development, at 8 p.m. Wednesday, March 20, in 120 Ives.

The talk is sponsored by the Cyprus Student Association here and will include the film "Bitter Fruit." A cheese and wine reception will follow.

## Consumer Advocate Ralph Nader to Talk

Consumer advocate Ralph Nader will give a free public lecture at Cornell University Monday, March 25.

He will discuss "Students as Consumers in the '80s'" at 8 p.m. in Alice Statler Auditorium of Statler Hall. The lecture is sponsored by Cornell Public Interest Research Group, a student organization.

In February 1980, Nader spoke to a near capacity audience in Cornell's Bailey Hall after a day-long symposium on consumer activism.

He said then that "Ivy League schools have an impregnated arrogance that defeats the intellectual process."

More consumer initiative is evident at "so-called peon schools," than on Ivy League campuses, Nader said.

## Jerome H. Holland

A memorial service for Jerome H. "Bud" Holland, who died Jan. 13, 1985, has been scheduled for 5 p.m. Thursday, March 28, at Anabel Taylor Chapel.

Speakers will include President Frank Rhodes, Joseph Holland, son of Jerome Holland and a 1978 Cornell graduate, and Deborah Pointer, associate dean of admissions and financial aid.

A reception will follow the service and will be held at the Jerome H. Holland International Living Center on North Campus at 5:30 p.m.

Holland, who was an all-America football player at Cornell, went on to become president of both Delaware State College and Hampton Institute, and U.S. Ambassador to Sweden.

In addition to service on the boards of

## SAGE CHAPEL

### Director of CURW Speaker Sunday

The Rev. Robert L. Johnson, director of Cornell United Religious Work, will speak at Sage Chapel at 11 a.m. Sunday, March 17. His sermon topic will be "The Once and Future King."

Johnson is an ordained minister in the United Methodist Church and a graduate of the University of North Carolina at Chapel Hill, Union Theological Seminary in New York City, and Harvard Divinity School. For 18 years, he served as director of the Wesley Foundation at Chapel Hill and served in recent years as president of the National Institute for Campus Ministries. As director of CURW, he is responsible for the administration of Sage Chapel services.

Music for the service will be provided by the Sage Chapel Choir under the direction of Dr. Stephen May, acting university organist and choirmaster.

directors of many Fortune 500 corporations, he was also national chairman of the American Red Cross, vice chairman of the National Conference of Christians and Jews, a trustee of the Foreign Policy Association and on the boards of the Institute of International Education, the National Geographic Society, the American Arbitration Association, Cornell University and the Rockefeller University Council.

He was an overseer of the College of the Virgin Islands and was a member of the Council of Foreign Relations. He was a Fellow of the American Academy of Arts and Sciences and a life member of the National Association for the Advancement of Colored People. In 1972, he became the first black member of the board of the New York Stock Exchange.

## The Week in Sports

# Lacrosse Opens at Home; Hockey in Boston for Tournament

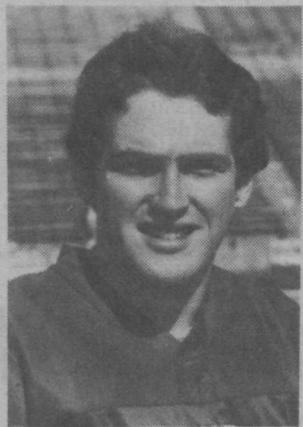
### Sports Information Office

This weekend's Cornell sports schedule is highlighted by two squads in different phases of their campaigns. The Big Red lacrosse team begins its 1985 season at home against rival Adelphi at 2 p.m. Saturday on Schoellkopf Field. Meanwhile in Boston, the men's hockey team is competing in the semifinals of the ECAC playoffs for the first time since 1980-81.

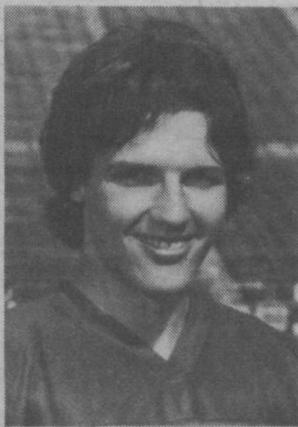
Three other squads are in action this weekend. The women's gymnastics team closes out its season by competing at the ECAC championships, which will be held at the University of New Hampshire. The men's tennis team opens its schedule with three matches on the Penn State campus; the squad will take on Millersville Friday, and then play both Penn State and East Stroudsburg Saturday. Finally, the men's and women's track teams are participating at the Niagara TAC championships in Syracuse.

After six weeks of preparation, the Cornell men's lacrosse team will kick off its 1985 season Saturday. This is the first of three consecutive home games for the Red. Saturday's game will feature a fierce battle between two teams ranked among the top 10 in the pre-season polls. Adelphi is expected to have one of its finest squads ever this spring. The Panthers fared well against some of the top teams in the country in a five-game exhibition slate before opening their campaign this past Saturday with a 17-6 victory at home over St. Lawrence.

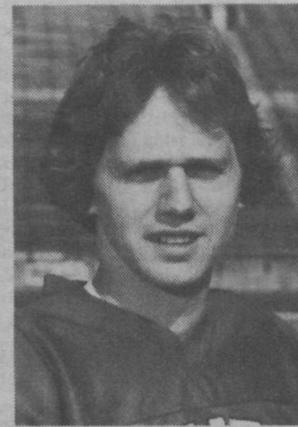
The Red has prepared for the start of the season with three scrimmages during the past two weekends, including one at Rutgers Saturday. Coach Richie Moran is



KEN ENTENMANN



TIM GORDON



JAMIE SMITH

Tri-Captains of Lacrosse Team

very pleased with his team's development and feels his squad is ready for the start of the season.

Senior tri-captain Tim Gordon and juniors Bill Hughes and Ed Cook figure to start at attack against Adelphi. Gordon is the top returning scorer from last year's team (16-19-35), while Cook and Hughes helped Nassau Community College to the junior college national championship last spring. Cornell will field three solid midfield units Saturday, led by such returnees as seniors Ken Entenmann and Jamie Smith. Tri-captains of this year's squad, both are three-year starters who were second team All-Ivy in 1984. Smith will be joined on one midfield unit by juniors Tom Gundersen and Greg Ripich, while Entenmann is teamed with junior Frank Kelly

and sophomore Bob Cummings. The other unit consists of junior Jeff Doughty, sophomore Tony Reece and freshman Joe Lizzio.

Expected to start on defense Saturday are sophomores Aaron Jones and Tim Vivian, and freshman Mike DeStefano. Vivian, converted from midfield at the start of fall practice, has made great strides during the pre-season. Junior Steve Paletta, who was honorable mention All-Ivy last year, suffered a knee injury in the first week of practice but should be ready for Saturday. Returning letterman Bob Gilmartin should head up the longstick defense, along with junior college transfer John Hanko, Webb, Reece and Lizzio. John Colucci and Chris Modesti are battling for the starting goaltender position. Both

played well in the scrimmage with Rutgers and the starter will be named later in the week.

This is the fourth straight year the Red has opened a contest against Adelphi. Last spring, Adelphi pulled out a narrow 13-12 decision, as the Panthers took control of the contest with four straight goals at the start of the fourth quarter to snap a 9-9 tie.

The Cornell men's hockey team will be facing No. 1 seed RPI in the second game of the ECAC semifinals at 9:15 p.m. Friday in the Boston Garden. The first contest of the final four pits Harvard (15-5-1, 20-6-2) against Clarkson (15-6, 21-8-3) at 6:15 p.m. Cornell earned its way into this weekend's action with a pair of victories over visiting Yale in the quarterfinals last Friday and Saturday night.

The men's tennis team is looking forward to the start of the 1985 season, as the Big Red has all of its top performers back from last season's squad. Leading the way once again are seniors Dave Merritt and Mike Rytting. Both are three-year lettermen who have played at the Nos. 1&2 singles spots since arriving at Cornell. Merritt has been an All-Ivy and All-East performer during his Big Red career, and he participated at the NCAA championships last spring. Rytting is captain of this year's team. Together, they form one of the finest one-two combinations in the East.

In addition to Rytting and Merritt, Eric Crue, James Connolly and John Kremer are lettermen who are returning this season. Plus, the squad is aided by the addition of newcomers Paul Meehan and Bruce Jervis. Meehan is a transfer from William & Mary, while Jervis is a talented freshman.

# Networking

A Cornell Newsletter Published by Employees for Employees

## Alga Vose Named Dedicated Service Winner for March

By GENERAL STORES STAFF

This month the people at General Stores are honoring Alga Vose, known to all as Algie. Algie has been a faithful and dedicated employee for 37 years.

When Algie started at the Stores 37 years ago, the store grossed around \$50,000 a year. This year it topped the \$2 1/2 million mark. Algie knows every nook and cranny of General Stores, from items A to Z: aluminum foil to zinc metal. Did you know that General Stores stocks such things as Ethylenglymondmethylether? It is a necessity that the many departments on campus receive their orders promptly and this has been Algie's utmost concern.

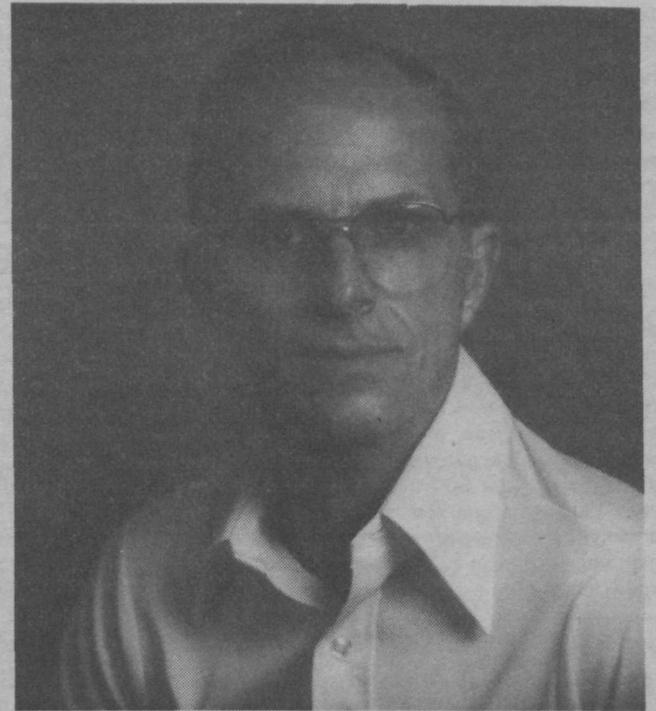
He is always there for those who work for him. They say, "He has a good working relationship with those under him. He is compassionate, understanding, and willing to put

himself above and beyond job requirements. He has leadership ability that has yet to be tested."

Algie enjoys people and this shows not only at General Stores but also extends to his part-time job as Campus Bus driver. After a day at the Stores, Algie, always with a cheerful smile and a friendly hello, can be seen driving the Collegetown bus between 4:00 and 5:30 p.m. He has been driving bus part-time since the beginning of the Campus Bus service. You might also see Algie behind the wheel of an 18-wheeler.

Algie has been honored at three service banquets on campus for 25, 30, and 35 years of service.

Thanks Algie, for 37 years of dedication, loyalty and devotion to Cornell University, not only from those at General Stores, but from your many friends across the campus. Keep up the good work!



Alga Vose

## Networking: Its Past and Its Present



OUR CHANGING FACES: Top right, the first issue of the employee newsletter, published March 6, 1980. Top left, *Networking* is chosen as the name. Bottom left, a new masthead is designed by John Bender. Bottom right, *Networking* becomes a bi-weekly publication in October 1983. The new masthead was designed by Stacey Coil.

### Networking's Third Annual Photo Contest

Photographers, don't forget to work on your photos. All full-, part-time or retired employees may enter the contest. Entries must be submitted to Bill Albern at the Service Building by April 19, 1985. Awards will be presented in the third floor Board Room at Day Hall on May 22, 1985. The May 23 edition of *Networking* will have copies of prize-winning photos. Entries will be exhibited in the Hartell Gallery at Sibley

Hall from June 9 through June 23, 1985.

The Photo Committee will welcome additional members. Also, anyone interested in assisting with the hanging of the exhibition will be warmly greeted.

For further information and entry forms, contact Donna Updike, 4429; Debbie Rosenthal, 3541; Sigrid Peterson, 5144; or Bill Albern, 4741.

By LINDA ENGLISH

*Networking* has been in publication since March 6, 1980. During these past five years *Networking* has gone through many changes, in appearance and in content.

The first issue of *Networking* was published with a masthead that read "Name Me ..." The editorial board ran a contest asking people to submit an appropriate name for Cornell's first newsletter published entirely "by employees for employees." The winner, Terry Redmond, won \$50 for her suggested title of *Networking*. *Networking* could not have been a more appropriate title. Since its conception, the main purpose has been to set up a network of communications between employees on- and off-campus. *Networking's* first and main con-

cern is to communicate all pertinent information about Cornell to employees. This information includes benefits changes, personnel policy updates, university policies, trustee business, Employee and University Assembly activities, and much more. As an original member of the editorial board, I feel *Networking* has accomplished this goal through regular features like Trustee Reports, FOCUS on Employee Assembly, our liaison people from Personnel Services who provide us with articles from EAP, Gannett Health Clinic, Benefits, TIAA/CREF updates, and the list goes on.

Over the past years *Networking* has tried to focus on the many different departments at Cornell. Through a column called "Around Cornell" I feel we've achieved some success in letting employees know the diversity of departments at Cornell. There are so many different departments involved in a variety of activities, some are primarily academic, some provide a service to employees and some are heavily involved in research.

Another goal of *Networking* (and perhaps one of the most important) is the idea that Cornell employees should be recognized for their special contributions to the University. We've achieved this through "Dedicated Service Awards" pres-

Continued on third page

### Poetry Contest Committee Sought

The second annual Poetry Contest will be held this spring. *Networking* is looking for anyone who would be interested in serving on the committee or judging the contest. Please contact Linda English, 6-5274 if you are interested.

### Networking Celebrates Fifth Birthday

By LEONA HOUSE

Happy Birthday to us at *Networking*, we are five years young now. Like the Cheshire cat, we've come from no face (name) to a streamlined look, filling out in the right places, growing into an employee paper covering all important issues. We are not serious all the time though, we at *Networking* realize that a sense of humor is all important for effective communication. Board meetings are positive, easy going times, the work at hand gets done, always sprinkled with lots of laughter.

Happy Birthday to *Networking*, may we continue to be a useful tool for employees. Our



goal is to reach out, to create a climate, encouraging all to participate. Volunteers are always welcome.

## Life Safety Lines: The ABCs of Buying a Fire Extinguisher

If, despite your best efforts at prevention, fire does strike your home, boat, or car, you may be able to extinguish it yourself with an *approved* and *listed* portable fire extinguisher. The fire extinguisher is a fire-wise tool no homeowner should be without. Most home fire extinguishers in use today employ a powdered silicone dry chemical agent, expelled by an inert gas. These units are relatively inexpensive. Also available

and approved are listed carbon dioxide and Halon.

Whatever type you buy, choose an extinguisher that bears an A-B-C label. This means the extinguisher is capable of extinguishing Class A fires (wood, paper, fabric, etc.), Class B fires (flammable liquids, gasoline or cooking oils), and Class C fires (electrical). An A-B-C fire extinguisher will thus be effective against all the common types of household fires.

Two and one-half and five-pound fire extinguishers are adequate for home use, cars, boats, and recreational vehicles. Ten-pound fire extinguishers are large enough for most jobs around the house, yet are easily handled by everyone. It is also a good idea to have a ten-pound extinguisher in the garage or workshop.

Have your extinguisher inspected and recharged as recommended by the manufacturer. Remember that all fire extinguishers must be inspected and recharged after each use, even if only a fraction of the contents is expended.

Finally, do not try to be a hero with your extinguisher, remember this:

- R - Rescue
- A - Alarm
- C - Confine
- E - Extinguish

Attack the fire *only* after everyone is safely evacuated, the fire department has been called, and the fire is of a size that can be easily controlled with the fire extinguisher that you have. If you are in doubt, *leave* and summon the fire department. If you have any questions regarding the purchase or installation of fire



extinguishers, call Life Safety Services, 6-3741.

Questions and comments for "Life Safety Lines" should be addressed to: "Life Safety Lines," c/o L.S.S. Ernie Thurston, Cornell University Life Safety Services, Toboggan Lodge.

### Food for Thought: The Enemy

"I am more powerful than the combined armies of the world. I have destroyed more men, women and children than all the wars of all nations. I massacre thousands of people every year. I am more deadly than bullets, and I have wrecked more homes than the mightiest guns. In the United States alone, I steal over 500 million dollars each year. I spare no one and I find my victims among the rich and poor alike, the young and old, and the strong and the weak. Widows know me to their everlasting sorrow. I loom

up in such proportions that I cast my shadow over every field of labor. I lurk in unseen places and do most of my work silently. *You are warned against, yet you heed me not.* I am relentless, merciless and cruel. I am everywhere, in the home, in the schools, in the factory, on land, in the air, and on the sea. I bring sickness, degradation and death, yet few seek me out to destroy me. I will give you nothing, and rob you of all you have. "I, am your worst enemy, I am rampant fire."

## Staff Development Programs Highlight March

With a number of programs beginning each week, the month of March has much to offer in staff development opportunities. Though space in some programs is very limited, there is still time to register for one or more of the

workshops sponsored by the Training & Development section of University Personnel Services. For more information about these and other staff development opportunities at Cornell, contact the Training and Development

Office, 111 Day Hall, 256-7400.

### Courses for Managers and Supervisors

Warren Adams, a personnel consultant with K/A Associates of New York, will present the following seminars as part of the continuing series of programs focusing on management and supervisory development.

#### Decision Analysis

March 19 & 20

9:00 a.m. - 4:00 p.m. & 1:00 - 4:00 p.m.

Participants will learn and practice a proven decision analysis process based on the utilization of information and systematic analysis instead of experience and intuition. This is a comprehensive two-day course.

#### Time Management

March 21, 9:00 a.m. - 4:00 p.m.

This course is designed to assist a supervisor or manager in analyzing the use of time and identifying ways of dealing with interruptions, delegating tasks, and using meetings more productively.

#### Managerial Coaching & Counseling

March 26, 9:00 a.m. - 4:00 p.m.

Increasing effectiveness as a manager

through the use of coaching and counseling techniques designed to help identify, understand, and resolve staff performance problems will be discussed during this semester.

### Human Relations & Communication Skills

Improving Personal Effectiveness

March 19, 26 & April 2, 9, 16

9:00 a.m. - 12:00 noon

This five-day session workshop is targeted toward administrative aides, office staff, and secretaries, and focuses on building the personal skills necessary to achieve maximum effectiveness on the job.

### Effective Communication

March 20, 27 & April 3, 10, 17, 24

9:00 a.m. - 12:00 noon

This six-session program will explore methods and techniques that can enhance effective communication with others, improve work relationships, resolve conflict, and increase self-confidence.

A more complete description of these workshops is contained in the February 11 issue of the *Contact* Calendar of Workshops & Seminars.

### "Cornell Careers" Series

Identifying Your Transferable Skills

March 22, 202 Uris Hall

12:15 - 1:15 p.m.

"Cornell Careers" focuses on career development opportunities within Cornell University through an on-going series of lunch hour "brown bag" programs. The first in a three-part series begins March 22, with Assistant Dean of Students Jerry Feist discussing how employees might identify and use "transferable skills" gained through life and work experiences. Please note the change of session from that which is listed in the current *Contact*. No registration is necessary for this program which is offered free of charge. Future "Cornell Careers" programs will include seminars on "Roadblocks to Career Growth" and "What Works: A Manager's Point of View."

## Calendar

### Continued from Fourth Page

spective," sponsored by the Employee-elected trustees and the Employee Assembly, noon, Space Sciences Building, Professor Mary Beth Norton, History Department, speaker.

**Wednesday, June 19.** Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

**Wednesday, July 3.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, July 17.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, August 7.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, August 21.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, September 4.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, September 18.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Submit listings for Employee Calendar to Editor, University Personnel Services, 130 Day Hall.



### CORNELL RECREATION CLUB

165 Day Hall Ithaca, New York 14853

By CAROL POUND

We wish to welcome Peggy Beach as the new CRC secretary. Peggy graduated from Ithaca College and has lived in the Ithaca area for 15 years. She is married and has two children. Before coming to Cornell, she worked at Cass Park Ice Rink/Pool as the Assistant Manager. We wish her the best of luck and hope Peggy enjoys her new job.

We are looking for volunteers to help at the Personnel Benefair at Statler on May 21, 22, and 23. The CRC will have a booth and people are needed to give out information and/or explain what our club represents. If you can help, please contact Donna Vose at 256-6358 or write to her at 422A Statler Hall.

The Public Relations and Membership Committee is having a poster contest to publicize CRC. All entries must be sent to the CRC office by April 5. The winner will receive a warm-up suit from the campus store. The winning poster (which cannot be bigger than 11" by 17") will be reproduced and displayed all over campus. Just a reminder on a few future activities:

## CRC News

Please get your tickets for the Roast Beef Dinner and Dance on Saturday, March 23 at Dryden VFW. It sounds like a good deal and the proceeds are going to help our Recreational Park Building fund.

Don't forget the Steak Dinner/Moonlight Bowling on Saturday, April 27. Dinner is between 5:00 and 7:00 p.m. and bowling starts at 8:00 p.m. Dinner and bowling are limited to 80 people, so get your tickets soon. The last day for signing up is April 19.

How about doing something special for the Mothers or Mothers-to-be on May 12 and treat them to a Mother's Day Pancake Breakfast from 8:00 a.m. to 12:00 noon. A flower will be given to every mother. Tickets must be purchased in advance.

If you are interested in going to Williamsburg, Virginia please sign up soon. Your money must be in by March 15. I hope the people going to Puerto Rico have a great trip.

If you haven't ordered your CRC jacket yet, please contact the CRC office, they are still taking orders.

## Trustee Report

By GEORGE PETER and DOMINIC VERSAGE

The ideal world would have every employee of every institution perfectly happy with his or her job situation. What makes it tough to provide such harmony is that employees and supervisors are humans and each one reacts differently one to another. A person spends almost as many working hours at work as at home. In some cases perhaps even more. That is why it is important to make the work atmosphere a pleasant one or at least tolerable.

The series called "Leadership Leads," which we sponsor, is designed to help improve human interactions. The material is borrowed from various sources. It may not always be applicable

to every situation but nevertheless valuable concepts can be gained from the articles. These can be useful to every employee because in one way or another, each of us is a leader.

In any event, one factor that helps us feel good about our work is to appreciate the purpose of the organization of which we are a contributing part. The more we know about Cornell, its people and the exciting things that happen here, the more we can be proud that we are an integral part of it.

"Networking" tries to tell the Cornell story by focusing on its people and their achievements. You can help by providing material for such features as "Around Cornell," the "Faculty/Staff Forum," and others. Contributions are welcome.

### Surplus Equipment Needed For Use in Area Schools

The Cornell Committee on Education and the Community has a mechanism to donate surplus and obsolete equipment to area schools. Often what is considered unusable by the University can be of use to local schools. If you have any equipment you wish to donate, please call Katherine Doob, 6-8602 (199 Baker Lab).

## Quality Circle Designs Personnel Comment Card

Contributed by University Personnel Services

A Quality Circle is a group of employees who perform similar work and meet on a regular basis to identify, analyze, and solve work-related problems. The Quality Circle of University Personnel Services has designed a comment card/suggestion system to solicit information regarding client perception of services provided by the department.

The comment card will provide information and suggestions to assist the UPS staff in determining the effectiveness of the service

orientation of the department and how personnel may better serve Cornell and the public. You are encouraged to complete a comment card whenever you utilize the personnel services.

The comment cards are attached to posters located in Personnel and may be returned to the department via campus mail or U.S. mail, postage paid. The cards will also be used for periodic campus mailings and will provide for the option of a response from the Director of Personnel Services.

## EHP Employment Office Maintains High Traffic Figures

The East Hill Plaza Employment Office opened last July and statistics released by Personnel Staffing Services indicate that the "satellite office" at East Hill Plaza is a success. Traffic figures for the first six months show that over 3,000 clients have taken advantage of services provided at the easily accessible new location.

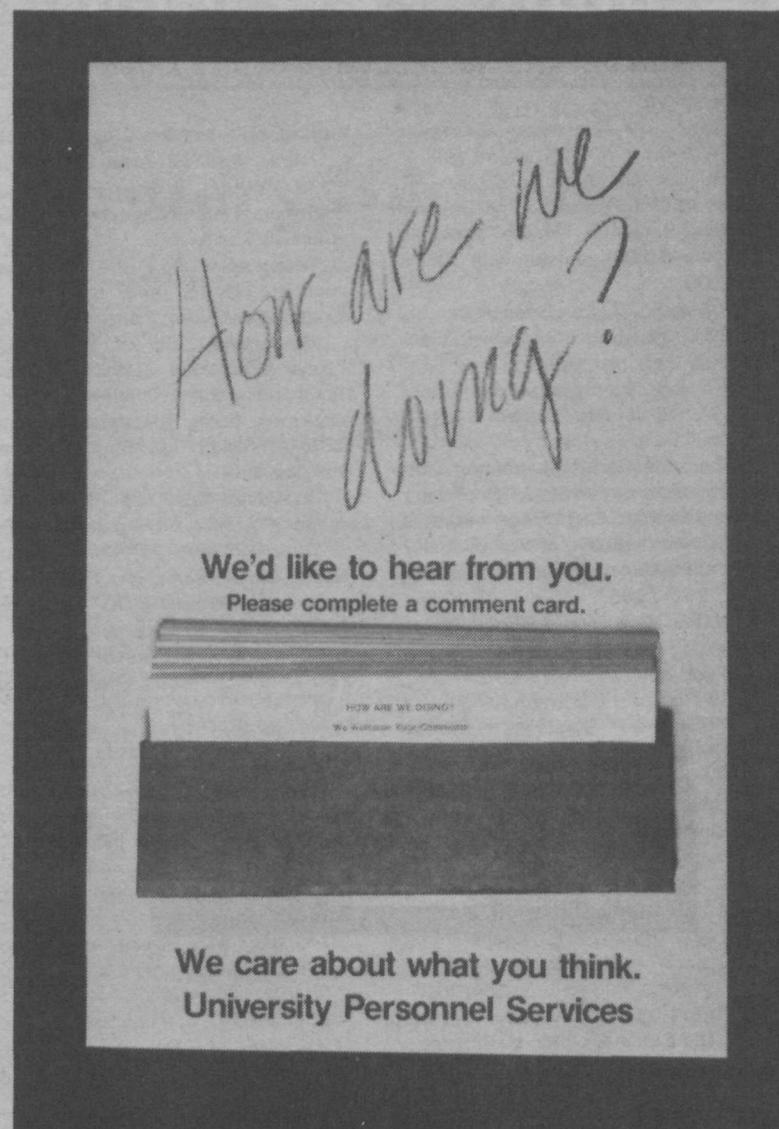
Although the high traffic figures reflect the normal volume of job seekers during the months of July through October, sustained activity through January reflect regional economic conditions. Many applicants have been recently laid off by companies in neighboring communities.

Staffing Specialist and New York State Job Service Representative J. Courtney Fletcher, together with Personnel Assistant Sharon Warunek, meet with an average of 30 to 40 clients per day at East Hill.

"The opening of this new office has allowed us to provide more information to those applying for non-academic positions and also has improved our ability to place good temporaries in the general service area, where jobs remain very limited," Fletcher said.

Staffing Services in 160 Day Hall continues to primarily provide recruitment assistance to departments and to employees desiring transfers. Job seekers are encouraged to apply through the East Hill Plaza Office unless directed otherwise in local newspaper advertisements.

The East Hill Plaza Employment Office is open Monday through Friday from 9:00 a.m. - 12:00 noon. Regularly scheduled bus service is available through the Cornell University Transit (256-3782) and the East Ithaca Transit, Inc. (256-4628).



## Networking: Past and Present

Continued from first page

presented to employees, nominated by their colleagues as "outstanding" employees. The original idea of *Networking* was to provide a newsletter that would focus primarily on employees. From the first editorial board to the present, the most important achievement we can accomplish is to let employees know they are appreciated, not only by their colleagues, but also by the University.

Another function of *Networking* is to give

employees an opportunity to share their talents with each other. I feel we have accomplished this through our photography and poetry contests (both to be held annually) through a column entitled "After Hours" which may just be a picture or a short paragraph describing what an individual does as a hobby, or what special talents they have. Another column, appropriately titled "Don't be Shy" has also helped bring talented employees out of their shell.

There have been many face changes in *Networking* since the first issue on March 6, 1980. One might say by our appearance, we have become a polished newsletter. We have been very lucky to have the advice and expertise of Randy Shew of the *Cornell Chronicle*, guiding us along for the past five years. But the initial concept of *Networking* has remained the same — to be an effective tool of communication for

employees in every aspect possible. I feel we have accomplished this goal through the articles mentioned above and through contributions by employees from a variety of departments.

Even though *Networking* has achieved its initial goal in reaching out to employees, there is always room for improvement. Any suggestions are always welcome by the editorial board. *Networking* is your newsletter.

## Campus Organizations

Are you involved in a campus organization with fellow employees?

Would you like more communication between your organization and others?

We would like to know if groups desire to be identified in a common directory. Many formal, informal, social, governmental, and recreational groups composed of Cornell employees meet and share free time together. A directory could strengthen pre-existing groups and give incentive to forming new ones. Could your association benefit from such a directory? Groups interested in becoming part of the directory must meet the guidelines that will be established at its organization. The basic requirement

is that the majority of membership be from Cornell staff. Although the origins of the group should be staff affiliated, the activity need not be related to job function. Groups organized, funded, or that draw membership primarily from communities other than Cornell would not be eligible. Primary listing would be for groups which started from within Cornell University and have become an outgrowth because of the unique interests of their members. If your groups could benefit from such a directory, please send your written response. Your input will determine if a directory would be a useful asset to our employee community.

Interest Reply

Name of group \_\_\_\_\_

Contact person \_\_\_\_\_

Telephone number \_\_\_\_\_

Brief description of group \_\_\_\_\_

Comments \_\_\_\_\_

Send to: Office of the Assemblies, 165 Day Hall

## Employee Health and Safety Resources at Cornell University

Safety is a shared responsibility, so make it a point to locate these people in your area and note their numbers here:

Employees qualified to administer first aid: \_\_\_\_\_

Employees qualified to administer CPR: \_\_\_\_\_

When problems can't be solved locally, contact your safety coordinator or building coordinator, if appropriate:

Safety coordinator: \_\_\_\_\_

Building coordinator: \_\_\_\_\_

If problems remain, try one or more of the following:

- |  |  |
|--|--|
| Personal problems  | Employee Assistance Program, 273-1129  |
| Administrative problems                                      | Employee Relations, Lauran Jacoby, 6-7206<br>Personnel Training & Development, Jared Harrison, 6-7400<br>Workers' Compensation, Nan Nicholas, 6-3937 |
| Unresolved safety problems<br>Copy of Cornell Smoking Policy | University Health and Safety Council<br>Office of the Assemblies, Marisue Bishop, 6-3715   |
| Interpretation of policy, Arbitration                        | University Ombudsman, John DeWire, 6-4321  |
| Facilities problems  | Maintenance and Service Operations, 6-7311   |

# Employee Calendar

Events of Particular Interest to Cornell Employees

**Thursday, March 14.** University Assembly meeting, 4:45 - 6:00 p.m., 405 Malott Hall.

**Saturday and Sunday, March 16 and 17.** Cornell Recreation Club Mixed Scotch Doubles Bowling/Chicken Barbecue, Helen Newman Lanes, tickets are \$6.00, register with Chuck Parkin, 256-4200.

**Wednesday, March 20.** Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

**Friday, March 22.** "Identifying Your Transferable Skills" Cornell Careers Program, 12:15 - 1:15 p.m., Room 202 Uris Hall.

**Saturday, March 23.** Cornell Recreation Club Ice Capades trip, noon performance, Onondaga War Memorial, tickets are \$13.00 for members and \$18.00 for nonmembers, ticket price includes bus and show, for more information, call the CRC office, 256-7565;

Cornell Recreation Club Dinner/Dance, Roast Beef dinner and dance at Dryden VFW. Price is \$10 per person and open to everyone. Call CRC office, 256-7566 for more information.

**Wednesday, March 27.** Breakfast with Hal Craft, Acting V.P., Facilities & Operations, 7:30 a.m., Elmhurst Room, Willard Straight Hall. Call 256-3715 for reservations;

Brown Bag Luncheon, "Are You Listening?" sponsored by Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Russell D. Martin, Communication Arts Department, speaker.

**Saturday, March 30 - Wednesday, April 3.** Cornell Recreation Club Puerto Rico trip. Visit the world's largest radio telescope, Phosphorescent Bay, Old San Juan, and much more. Call CRC office, 256-7565 for more information.

**Wednesday, April 3.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, April 10.** Brown Bag Luncheon, "Women's Studies at Cornell," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Jennie T. Farley, I&LR speaker.

**Thursday, April 11.** University Assembly meeting, 4:45 - 6:00 p.m., 251 Malott Hall.

**Wednesday through Sunday, April 10-14.** Cornell Recreation Club Williamsburg, Virginia trip, cost of transportation and lodging approximately \$300 for two people, advance deposit necessary, balance due by March 15. For more

information, call the CRC office, 256-7565.

**Friday, April 12.** After-Cruise Wine & Cheese Party, 5:00 - 7:00 p.m. Open to all CRC members. Helen Newman Lanes. RSVP to CRC office, 6-7565.

**Wednesday, April 17.** Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

**Wednesday, April 24.** Brown Bag Luncheon, "Have You Made a Will?," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Professor Joe Bugliari, dean of faculty, speaker.

**Thursday, April 25.** University Assembly meeting, 4:45 - 6:00 p.m., 405 Malott Hall.

**Saturday, April 27.** Cornell Recreation Club Steak Dinner/Moonlight Bowling, Helen Newman Lanes, dinner 5:00 - 7:00 p.m., bowling 8:00. Dinner, \$5.00 per person, dinner and bowling, \$8.00 per person. Contact CRC office, 256-7565 for further information and registration.

**Wednesday, May 1.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, May 8.** Brown Bag Luncheon, "Cornell Plantations are for Everyone," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Robert E. Cook, director of Cornell Plantations, speaker.

**Thursday, May 9.** University Assembly meeting, 4:45 - 6:00 p.m., 251 Malott Hall.

**Sunday, May 12.** Cornell Recreation Club Mother's Day Pancake Breakfast, 8:00 a.m. - 12:00 noon, Big Red Barn, \$3.00 per person. Children under 5 free. Tickets available in advance through CRC office.

**Wednesday, May 15.** Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

**Wednesday, May 22.** Brown Bag Luncheon, "Cornell Extension Services: You Can Benefit!," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Lucinda Noble, director of Cooperative Extension, speaker.

**Wednesday, June 5.** Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

**Wednesday, June 12.** Brown Bag Luncheon, "Gender Roles in America, A Historical Per-

Continued on Second Page

# Unclassified Ads

**For Sale:** Jeep, CJ7, 1979 Renegade package. Asking \$3,350. 277-3694.

**For Sale:** 1972 Chevy pickup, 28,000 miles on rebuilt engine. Body rough, good for parts or wood hauling. New clutch, brakes. Price neg. Doug, 6-5454, 277-4630.

**For Sale:** 1982 GMC pickup, 6.2 liter diesel, 25,000 miles. AM/FM stereo cassette player, cap, gauges, loaded. Excellent condition. 272-8018.

**For Sale:** 26" Gitane bicycle, mixed frame, excellent condition, \$100. Also, drop-in electric range unit, 4 burners, \$35. Louis, 6-4535.

**For Sale:** 12 x 60, 2 bedroom mobile home w/washer and dryer, 3-4 miles from Cornell. Call 257-4391.

**For Sale:** Wood stove (Plate Steel), \$150; electric range, self cleaning, GE \$150. 539-6723.

**For Sale:** House by owner, short walk to Cornell, Belle Sherman area Cape Cod Home. 4 bedrooms, dining room, new kitchen, family room, basement garage. Please call 272-8782 evenings and weekends for an appointment.

**For Sale:** Rockwell electric sander, \$15; Hoover Upright vacuum cleaner, \$20. Call 257-0521.

**For Sale:** 1970 Datsun 510, studded snows, rusty but runs well, \$200 or best offer. 1969 BMW S-50 motorcycle, classic. \$1,000 firm. Call 272-2370 evenings.

**For Sale:** 1973 Pinto Runabout, 4 speed transmission. Very good tires, new brakes, radio, little rust. Asking \$650, call 272-6981.

**For Sale:** Everything like new. IBM Selectric, Vivitar zoom lens, tripod, car ramps, B&D radial arm saw 273-1910 evenings, weekends.

**For Sale:** Artic Cat snowmobile (303 Wankoe Engine) excellent condition. Truck camper, self contained, furnace, GE refrigerator, lights, gas stove with oven. 272-7657 after 6:00 p.m.

**For Sale:** 1982 Yamaha XT250 motorcycle, on/off road, 4,500 miles. \$550. 272-6891.

**For Sale:** AKC registered Boston Terrier, 6 week old female pup. Well marked. 272-0759 after 2:00 p.m.

**For Rent:** One bedroom apartment in lovely northeast home. Private entrance, bus line, no pets. \$300. 257-5677.

**Housekeeping/Cleaning Available:** Thorough, reliable, dependable. Call Ann, 273-8070.

**Office and Unoccupied Residences Cleaning Available:** Nights and weekends. References provided. Call Jackie, 273-7401.

**Wanted:** Buying a MacIntosh at Cornell? Get your printer at half price by sharing the cut-rate package with me. I need an external disk drive and will share the cost of the package. Call 272-0709.

**Wanted:** Siamese kittens, 6-8 weeks old, male, Blue point or Lilac Point preferred. Michael, 256-4354 days, 739-0678 evenings

**Ridesharing:**

**Ride Wanted:** From Horseheads area to Cornell B-lot area daily, 8:00 - 4:30. Will pay. Phone Mike at 739-0678 after 5:30.

Please submit all Unclassified and Ridesharing Ads to Linda English, NAIC, Research Park, 61 Brown Road (via campus mail). At this time, all Unclassified Ads are free of charge to Cornell faculty, staff and graduate students. The deadline for the March 28, 1985 issue of Networking is March 18.



## Employee Health and Safety Resources at Cornell University

The following list of health and safety resource contacts and their phone numbers was prepared by the Office of Environmental Health in response to suggestions from employees for such a list. Keep these numbers posted for easy access in the event of an emergency and for directory assistance when a health or safety problem develops.

**Nature of Problem**

- Any Emergency
- Life or fire safety problems
- Right-to-Know (Toxic substances)
- Information requests
- Toxic substances training

Radiation leaks or problems

Respiratory protection

Waste disposal problems

Questions about pesticides

Medical problems  
Job-related

Stop smoking programs

**Resource**

- Public Safety, 6-1111
- Life Safety, 6-3741
- Office of Environmental Health, 6-8202
- Judy Crawford, Robin Goodloe, Jeanne Appling

Office of Environmental Health  
Radiation Safety, 6-4862  
Dominic Versage

Office of Environmental Health, 6-8202  
Wayne Hartz

Life Safety, 6-3741  
Alex McCord, Harry Dilles

Chemicals-Pesticides, 6-3283  
Dick Pendleton, Bill Smith

Gannett Clinic, 6-5155  
Occupational Health Nurse, Carol Weiner, 6-5155  
Health Education Office, Jan Talbot, 6-4782

### Networking Deadlines

- March 18 (March 28 issue)
- April 1 (April 11 issue)
- April 15 (April 25 issue)
- April 29 (May 9 issue)
- May 13 (May 23 issue)
- May 27 (June 6 issue)
- June 10 (June 20 issue)
- July 1 (July 11 issue)
- July 15 (July 25 issue)
- July 30 (August 8 issue)
- August 12 (August 22 issue)
- August 27 (September 5 issue)
- September 10 (September 19 issue)
- September 24 (October 3 issue)
- October 8 (October 17 issue)
- October 22 (October 31 issue)
- November 5 (November 14 issue)
- November 26 (December 5 issue)
- December 9 (December 19 issue)

### Editorial Board

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